

Peer Reviewed Publications

- An, H.S., **Vaccaro, A.R.**, Simeone, F.A., Balderston, R.A. and O'Neil, D.: Herniated Lumbar Disc in Patients Over the Age of Fifty. *J. Spinal Disorders* 3(2):143-146, 1990.
- **Vaccaro, A.R.**, Kupcha, P.C. and Salvo, J.P.: Accurate Reduction and Splinting of the Common Boxer's Fracture. *Orth. Review* 19(11):994-996, November 1990.
- An, H.S., **Vaccaro, A.R.**, Dolinskas, C.A., Cotler, J.M., Balderston, R.A. and Bauerle, W.B.: Differentiation Between Spinal Tumors and Infections with Magnetic Resonance Imaging. *Spine* 16:S334-338, 1991.
- An, H.S., **Vaccaro, A.R.**, Cotler, J.M, Lin, S.S.: Low Lumbar Burst Fractures Comparison Among Body Cast, Harrington Rod, Luque Rod and Steffee Plate. *Spine* 16:S440-444, 1992.
- **Vaccaro, A.R.**, An, H.S., Lin, S.S., Balderston, R.A. and Cotler, J.M.: Noncontiguous Injuries of the Spine. *J. Spinal Disorders* 5(3):320-329, 1992.
- Wapner, K.L., **Vaccaro, A.R.**, Albert, T.J., Mandel, R.H., Dolinskas, C., Bruno, L.A. and Hume, E.L.: The Results of Chemonucleolysis as a Function of Three Dimensional Volumetric Analysis of Disc Herniation. *J. Spinal Disorders* 6(4):324-332, 1993.
- **Vaccaro, A.R.**, An, H.S., Cotler, J.M., Ahmad, S., Jordan, A.G.: Recurrent Cervical Subluxations in a Patient with Gout and Endstage Renal Disease: A Case Report. *Orthopaedics* 16:1273-1276, 1993.
- **Vaccaro, A.R.**, Chestnut, R., Scuderi, G., Healy, J.F., Massie, J.B. and Garfin, S.: Metallic Spinal Artifacts in Magnetic Resonance Imaging. *Spine* 19(11):1237-1242, 1994.
- Rizzolo, S.J., **Vaccaro, A.R.**, Cotler, J.M.: Cervical Spine Trauma. *Spine* 19(20):2288-2298, 1994.
- An, H.S., **Vaccaro, A.R.**, Cotler, J.M. and Lin, S.S.: Spinal Disorders at the Cervicothoracic Junction. *Spine* 19(22):2557-2364, 1994.
- **Vaccaro, A.R.**, Ring, D., Scuderi, G., Garfin, S.: Vertebral Artery Location in Relation to the Vertebral Body as Determined by Two-Dimensional Computed tomography evaluation. *Spine* 19(23):2637-2641, 1994.
- Ring, D., **Vaccaro, A.R.**, Scuderi, G., Pathria, M.N., Garfin, S.: Acute Calcific Retropharyngeal Tendinitis: Clinical Presentation and Pathological Characterization. *J. Bone and Joint Surg.* 76A: 1636-1642, 1994.
- **Vaccaro, A.R.**, J.R. Salvo, D. Andreychik, B. Piccone and J.J.Salvo: Treatment of Pathologic Fractures of the Humeral Shaft with the Huckstep Nail: A Preliminary Report. *Orthopedics* 18:60-63, 1995.
- Ring, D., **Vaccaro, A.R.**, Scuderi, G., Green, D.: Vertebral Osteomyelitis After Blunt Traumatic Esophageal Rupture. *Spine* 20(1):98-101, 1995.
- Lin, S.S., **Vaccaro, A.R.**, Reisch, S., Devine, M., Cotler, J.M.: Low-Velocity Gunshot Wounds to the Spine with an Associated Transperitoneal Injury. *J. Spinal Disord.* 8(2):136-144, 1995.
- **Vaccaro, A.R.**, Rizzolo, S.J., Allardyce T.J., Ramsey M., Salvo J., Balderston R.A., Cotler, J.M., Placement of Pedicle Screws in the Thoracic Spine. Part I Morphometric Analysis of the Thoracic Vertebrae. *J. Bone and Joint Surg.* 77A(8): 1193-1199, August 1995
- **Vaccaro, A.R.**, Rizzolo, S.J., Balderston R.A., Allardyce T.J., Garfin S.R., Dolinskas C. An. H.: Placement of Pedicle Screws in the Thoracic Spine. Part II: An Anatomical and Radiographic Assesment. *J. Bone and Joint Surg.* 77A: 1200-1206, 1995
- Marks, R., **Vaccaro, A.R.**, Balderston, R.A., Hozack, W.J., Booth, R.E., and Rothman, R.H.: Postoperative Blood Salvage in Total Knee Arthroplasty Using the Solcotrans Autotransfusion System. *J. of Arthroplasty*, 10(4): 433-437, 1995.
- **Vaccaro, A.R.**, Kupcha, P. and Schneider, L.H.: The Operative Repair of Chronic Nontraumatic Extensor Tendon Subluxations in the Hand. In *Hand Clinics. Topic: Extensor Tendon Injuries.* Schneider L.H. (Ed). W.B. Saunders, Phil. 11(3):431-440, August 1995.
- Northrup, B., **Vaccaro, A.R.**, Rosen, J., Balderston, R.A., and Cotler, J.M.: Occurrence of Infection in

- Anterior Cervical Fusion for Spinal Cord Injury After Tracheostomy. *Spine* 20:2449-2453, 1995.
- **Vaccaro, A.R.**, Garfin, S.R.: Pedicle-Screw Fixation in the Lumbar Spine. *J. Am. Acad. Ortho. Surg.* 3(5):263-274, Sept./Oct. 1995
 - **Vaccaro, A.R.**, Garfin, S.R.: Internal Fixation (Pedicle Screw Fixation) for Fusions of the Lumbar Spine. *Spine* 20(24S):157S-165S, 1995.
 - Spivak J.M., **Vaccaro, A.R.**, Cotler, J.M.: Thoracolumbar Spine Trauma: I. Evaluation and Classification. *Amer. Acad. Ortho. Surg.* 3(6):345-352, Nov./Dec. 1995.
 - Spivak J.M., **Vaccaro, A.R.**, Cotler, J.M.: Thoracolumbar Spine Trauma: II. Principles of Management. *J. Amer. Acad. Ortho. Surg.* 3(6):353-360, Nov./Dec. 1995.
 - Hurley M.E., **Vaccaro, A.R.**, Scuderi, G.J., Garfin, S.R.: External Fixation in Patients with Panvertebral Osteomyelitis and Paraplegia. *Paraplegia* 34:113-115, 1996.
 - Heary, R.F., **Vaccaro, A.R.**, Messa, J.J., Balderston, R.A.: Thoracolumbar Infections in Penetrating Injuries to the Spine. *Ortho Clinics of North Am.* 27(1):69-80, Jan 1996.
 - Odgers C.J., **Vaccaro A.R.**, Pollack M.E., Cotler J.M.: Accuracy of Pedicle Screw Placement with the Assistance of Lateral Plain Radiography. *J. Spinal Disorders*, 9(4):334-338, 1996.
 - Heary, R.F., Albert, T.J., Ludwig, S.C., **Vaccaro, A.R.**, Wolansky, L.J., Leddy, T.P., Schmidt, R.R.: Surgical Anatomy of the Vertebral Arteries. *Spine*, 21(18):2074-2080, 1996.
 - **Vaccaro, A.R.**, Balderston, R.A.: Anterior Plate Instrumentation for Disorders of the Subaxial Cervical Spine. *Clin. Orth. Rel. Res.* 335:112-121, 1997.
 - Ludwig, S., **Vaccaro, A.R.**, Balderston, R.A., Cotler, J.M.: Immediate Quadraparesis After Manipulation for Bilateral Cervical Facet Subluxation. A Case Report. *J. Bone and Joint Surg.* 79A(4): 587-590, April 1997.
 - **Vaccaro A.R.**, Ring D., Lee R., Scuderi G., Garfin S.: Salvage Anterior C1-C2 Screw Fixation and Arthrodesis Through the Lateral Approach in a Patient with a Symptomatic Pseudoarthrosis. *The Amer. J. of Orth.* 26:349-353, 1997.
 - Vanichkachorn J., **Vaccaro A.R.**, Cohen M., Cotler J.M.: Potential Large Vessel Injury During Thoracolumbar Pedicle Screw Removal: A Case Report. *Spine*, 22(1):110-113, 1997.
 - **Vaccaro A.R.**, Garfin S.R.: Journal Club: Degenerative Lumbar Spondylolisthesis with Spinal Stenosis, A Prospective Study Comparing Decompression with Decompression and Intertransverse Process Arthrodesis: A Critical Analysis. *Spine* 22(4):368-369, 1997.
 - Giacobetti F.B., **Vaccaro A.R.**, Bos-Giacobetti M.A., Deeley D.M., Albert T.J., Farmer J.C., Cotler J.M.: Vertebral Artery Occlusion Associated with Cervical Spine Trauma: A Prospective Analysis. *Spine* 22(2):188-192, 1997.
 - Vanichkachorn J., **Vaccaro A.R.**: Nonoperative Treatment of Thoracolumbar Fractures. *Orthopaedics*, 20(10):948-958, Oct. 1997.
 - Abraham D.J., **Vaccaro A.R.**, Albert T.J., Cotler J.M.: Gas in the Spinal Canal Associated with Injury of the Cervical Spinal Cord: A Diagnostic Dilemma. *J. Bone and Joint Surg* 79A(4): 591-593, April 1997
 - Ring D., **Vaccaro A.R.**, Scuderi G., Klein G., Green D., Garfin, S.R.: An Association Between the Flat Back and Postpolio Syndromes: A Report of Three cases. *Arch. Phys. Med. Rehab.* 78:324-329, March 1997.
 - Rushton, S.A., **Vaccaro, A.R.**, Levine, M.J., Smith, M., Balderston, R.A., Cotler, J.M. Bivector Traction for Unstable Cervical Spine Fractures: A Description of Its Application and Preliminary Results. *J. Spinal Disorders* 10(5): 436-440, 1997.
 - Karasick, D., Schweitzer, M.E., **Vaccaro, A.R.** Complications of Cervical Spine Fusion: Imaging Features. *American Journal Radiology.* 169:869-874, Sept. 1997.
 - Heary, R.F., **Vaccaro, A.R.**, Mesa, J.J., Northrup, B.E., Albert, T.J., Balderston, R.A., Cotler, J.C. Steroids and Gunshot Wounds to the Spine. *Neurosurgery*, 41(3):576-583, Sept. 1997.

- **Vaccaro, A.R.**, Ring, D., Scuderi, G., Cohen, D.S., Garfin, S.R. Predictors of Outcome in Patients with Chronic Back Pain and Low-Grade Spondylolisthesis. *Spine* 22(17): 2030-2035, 1997.
- **Vaccaro, A.R.** The Significance of Hardware Failure in Anterior Cervical Plating. Point of View. *Spine* 23(2): 186-187, 1998
- Weiss, L. **Vaccaro, A.R.**, Scuderi, G., Garfin, S. Pseudarthrosis After Postoperative Wound Infection in the Lumbar Spine. *J. Sp. Disorders*, 10(6):482-487, 1997
- Albert, T.J., Klein, G.R., Joffe, D.N., **Vaccaro, A.R.**. Use of Cervicothoracic Junction Pedicle Screws for Reconstruction of Complex Cervical Spine Pathology. *Spine* 23(14): 1596-9, 1998.
- Watanabe, T., **Vaccaro, A.R.**, Kumon H., Welch, W.C., Rivas, D.A., Chancellor, M.B.: High Incidence of Occult Neurogenic Bladder Dysfunction in Neurologically Intact Patients with Thoracolumbar Spinal Injuries. *J of Urology*, 159:965-8, March 1998.
- **Vaccaro, A.R.**, Dougherty, R.J., Sheehan, T.P., Dante, S.J., Cotler, J.M., Balderston, R.A., Herbison, G. J., Northrup, B.E. Neurologic Outcome of Early Versus Late Surgery for Cervical Spinal Cord Injury. *Spine* 22(22):2609-2613, 1997.
- Farmer, J., **Vaccaro, A.R.**, Albert, T.J., Malone, S., Balderston, R.A., Cotler, J.: Neurologic Deterioration After Cervical Spinal Cord Injury, *J. Spinal Dis.* 11(3):192-196, 1998.
- Rosenfeld, J.F., **Vaccaro, A.R.**, Albert, T.J., Klein, G.R., Cotler, J.M. The Benefits of Early Decompression in Cervical Spinal Cord Injury. *Amer. J. Of Orth.* 27: 23-28, 1998.
- Karasick, D., Schweitzer, M.E., **Vaccaro, A.R.** The Traumatized Cervical Spine in Klippel-Feil Syndrome: Imaging Features. *Am. J. of Roetg.* 170:85-88, Jan. 1998.
- Fukui, Y., Krag, M., Huston, D., Ambrose, Y., **Vaccaro, A.R.**: Halovest Dynamic Loads: Full Crossover Comparison of Three Vest Types. *Spine*, 27(3): 241-249, 2002
- **Vaccaro, A.R.**, Klein, G.R., Flanders, A.E., Albert, T.J., Balderston, R.A., Cotler, J.M. Long-Term Evaluation of Vertebral Artery Injuries Following Cervical Spine Trauma Using Magnetic Resonance Angiography. *Spine* 23(7):789-795, 1998
- Silveri, C.P., **Vaccaro, A.R.** Posterior Atlantoaxial Fixation: The Magerl Screw Technique. *Orthopaedics* 21:455-462, 1998.
- Rushton, S, Klein, G, **Vaccaro A.R.**, Mandel, S, Albert, T: Evaluation of Neck Pain. *J. of Disability* 7:33-50, Nov. 1998.
- Ludwig, S, Klein, G, **Vaccaro, A.R.**, Keeler, K, Leef, A.I., MacKenzie, W: Unit Rod Segmental Instrumentation in the Surgical Management of Patients with Duchenne Muscular Dystrophy: Preliminary Results. *J. Ped. Ortho*, 1998.
- Albert, T.J., Klein, G, **Vaccaro, A.R.**: Image-Guided Anterior Cervical Corpectomy: A Feasibility Study. *Spine* 24(8): 826-830, 1999.
- Klein, G, Ludwig, S, Rushton, S, Lazar, R, **Vaccaro, A.R.**, Albert, T.J.: The Efficacy of using an Image-Guided Kerrison Punch in Performing an Anterior Cervical Foraminotomy: An Anatomic Analysis. *Spine* 24(13):1358-1361, 1999
- Farmer, J, Albert, T.J., Balderston, R, **Vaccaro, A.R.**: Foraminal Pressure Changes During Intervertebral Distraction Simulating Anterior Cervical Discectomy. *J. Spin. Dis.*11(4): 307-311, 1998.
- **Vaccaro, A.R.**, Kriegl, K, Pan W, Cotler, J, Schweitzer, M: Usefulness of MRI in Isolated Upper Cervical Spine Fractures in Adults. *J. Spin Dis.* 11(4):289-293, 1998.
- Farmer, J, **Vaccaro, A.R.**, Balderston, R.A., Albert, T.J., Cotler, J: The Changing Nature of Admissions to a Spinal Cord Injury Center: Violence on the Rise. *J. Spin Dis.*11(5): 400-403, 1998.
- **Vaccaro, A.R.**, Falatyn, S. P., Scuderi, G., Eismont, F.J., McGuire, R.A., Singh, K, Garfin, S.R.: Early Failure of Long Segment Anterior Cervical Plate Fixation. *J. Spin Dis.*11(5): 410-415, 1998.
- Vanichkachorn, J.S., **Vaccaro, A.R.**, Silveri, C.P., Albert, T.J.: Anterior Junctional Plate in the Cervical Spine. *Spine* 23 (22): 2462-2467, 1998.
- **Vaccaro, A.R.**, Ludwig, S., Klein G.R., McGuire M., Green D., Green N.E.: Bilateral Peroneal Nerve

- Palsy Secondary to a Knee Board: Report of Two Cases. Am J of Ortho XXVII, 746-748, Nov. 1998.
- Albert T.J., **Vaccaro, A.R.**: Postlaminectomy Kyphosis. Spine 23(24):2738-2745, 1998.
 - **Vaccaro A.R.**, Cook, CM., McCullen, G., Garfin, S.R.: Cervical Trauma: Rationale for Selecting the Appropriate Fusion Technique. Orthopedic Clinics of North America 29(4): 745-754, Oct. 1998.
 - **Vaccaro, A.R.**: Combined Anterior and Posterior Surgery for Fractures of the Thoracolumbar Spine. AAOS, Instructional Course Lectures, 48:443-450, 1999.
 - **Vaccaro, A.R.**, Shah, S., Schweitzer, M.E., Rosenfeld, J., Cotler, J.M.: MRI Description of Vertebral Osteomyelitis, Neoplasm and Compression Fracture. Orthopaedics 22:67-73, 1999.
 - Ludwig, S., Kramer, D., **Vaccaro, A.R.**, Albert, T.J., Transpedicle Screw Fixation of the Cervical Spine. Clin. Orth Rel Res. 359:77-88, 1999.
 - Petrone, R., Sivalingam, J.J., **Vaccaro, A.R.**: Actinomyces - An Unusual Case of an Uncommon Disease. J. Am. Board Family Practice 12(2):158-161, Mar/Apr 1999.
 - Klein, G., **Vaccaro, A.R.**: Efficacy of MRI in the Evaluation of Posterior Cervical Spine Fractures. Spine 24(8):771-774, 1999.
 - **Vaccaro, A.R.** Aiken B.: Delayed Cortical Blindness and Recurrent Quadriplegia After Cervical Trauma. J. Spinal Disorder. 11(6):535-539, 1998.
 - **Vaccaro, A.R.**, Falatyn, S.P. Flanders A.E., Balderston, R.A., Northrup, B.E. Cotler J.M.: Magnetic Resonance Evaluation of the Intervertebral Disc, Spinal Ligaments, and Spinal Cord Before and After Closed Traction Reduction of Cervical Spine Dislocations. Spine 24(12):1210-1217, 1999
 - Ehrler, D., **Vaccaro, A.R.**: The Use of Allograft Bone in Lumbar Spine Surgery. Clin. Orth. Rel. Res. 371:38-45, 2000.
 - Isomi, T, Panjabi, M.M., Wang, J.L., **Vaccaro, A.R.**, Garfin, S.R., Patel, T.: Stabilizing Potential of Anterior Cervical Plates in Multilevel Corpectomies. Spine 24 (21): 2219-2223, 1999.
 - Ball, S.T., **Vaccaro, A.R.**, Albert, T.J., Cotler, J.M.; Injuries of the Thoracolumbar Spine Associated with Restraint Use in Head-On Motor Vehicle Accidents. J. Spinal Dis. 13(4):297-304, 2000.
 - **Vaccaro, A.R.**, Ball S.T.; Indications for Instrumentation in Degenerative Lumbar Spinal Disorders. Orthopaedics 23(3):260-76, March 2000.
 - Ludwig, S.C., **Vaccaro, A.R.**: Techniques De Vissage Pediculaire Du Rachis Cervical. Maitrise Orthopedique. June-July # 95, pp. 16-20, 2000.
 - Tan, E., Schweitzer, M.E., **Vaccaro, A.R.**, Spetell, C.: Is Computed Tomography of Nonvisualized C7-T1 Cost-Effective? J. Spin. Dis.: 12(6): 472-476, 1999.
 - **Vaccaro, A.R.**, Lehman, A.P., Ahlgren, B.D., Garfin, S.R.: Anterior C1-C2 Screw Fixation and Bony Fusion Through an Anterior Retropharyngeal Approach. Orthopaedics, 22: 1165-1170, 1999.
 - Blam, O., **Vaccaro, A.R.**: The Use of MRI in the Evaluation of Cervical Spine Trauma. Hippocrates' Lantern.7(1): 9-12, 2000.
 - Sim, E., **Vaccaro, A.R.**, Berzlanovich. A., Pienaar, S.: The Effects of Staged Static Cervical Flexion-Distractor Deformities on the Patency of the Vertebral Arterial Vasculature. Spine, 25(17): 2180-2186, 2000.
 - Heary, R.F., **Vaccaro, A.R.**, Benevenia, J., Cotler, J.M.: "En-Bloc" Vertebrectomy in the Mobile Lumbar Spine. Surg. Neur. 50:548-556, 1998
 - Zlotolow, D.A., **Vaccaro, A.R.**, Salamon, M.L., Albert, T.J.: Perspectives on Modern Orthopaedics: The Role of Human Bone Morphogenetic Proteins in Spinal Fusion. J. Am. Acad. Orth. Surg. 8(1): 3-10, Feb. 2000.
 - Khan, I.A., **Vaccaro, A.R.**, Zlotolow, D.A.: Management of Vertebral Diskitis and Osteomyelitis. Orthopaedics. 22(8): 758-768, Aug. 1999.
 - **Vaccaro, A.R.**, Nachwalter, R., Klein, G., Sowards, J.M., Albert, T.J., Garfin, S.: The Significance of Thoracolumbar Spinal Canal Size in Spinal Cord Injury Patients. Spine 26(4): 371-376, 2001.
 - Sharan, A.D., **Vaccaro, A.R.**, Albert, T.J.: Internet Resources for Spine Surgeons. J. Spinal Disorders.

13(5):419-421, 2000

- Klein, G., **Vaccaro, A.R.**, Albert, T.J.: Health Outcome Assessment Before and After Anterior Cervical Discectomy and Fusion for Radiculopathy: A Prospective Analysis. *Spine* 25(7):801-803, 2000.
- Harrop, J.S., Sharan, A.D., **Vaccaro, A.R.**, Przybylski, G.J. The Cause of Neurologic Deterioration After Acute Cervical Spinal Cord Injury. *Spine* 26(4): 340-346, 2001.
- Vanichkachorn, J.S., **Vaccaro, A.R.**: Thoracic Disk Disease: Diagnosis and Treatment. *J. Am. Acad. Orth. Surg.* 8(3):159-169, May/June 2000
- Bush, J.L., **Vaccaro, A.R.**: Electrical Stimulation In Lumbar Spinal Fusion. *Orthopaedics.* 23: 737-746, 2000.
- **Vaccaro, A.R.**, Madigan, L., Erhler, D.: Contemporary Management of Adult Cervical Odontoid Fractures. *Orthopaedics.* 23: 1109-1115, 2000.
- **Vaccaro, A.R.**, Madigan, L., Hilibrand, A., Albert, T., Flanders, A., Schweitzer, M.: MRI Analysis of Soft Tissue Disruption After Flexion-Distracted Injuries of the Subaxial Cervical Spine. *Spine* 26(17): 1866-72. 2001.
- **Vaccaro, A.R.**, Klein, G.R., Thaller, J., Rushton, S. A., Cotler, J.M., Albert, T.J.: Distraction Extension Injuries of the Cervical Spine. *J. Spinal Disorders.* 14(3):193-200. 2001.
- Przybylski, G. J., Harrop, J.S., **Vaccaro, A.R.**: Closed Management of Displaced Type II Odontoid Fractures: More Frequent Respiratory Compromise with Posteriorly Displaced Fracture. *Neurosurg. Focus* 8 (6); Article 5, pp 1-3, June 2000
- Harrop, J.S., Przybylski, G.J., **Vaccaro, A.R.**, Yalamanchili, K.: Efficacy of Anterior Odontoid Screw Fixation in Elderly Patients With Type II Odontoid Fractures. *Neurosurg. Focus* 8 (6): Article 6, pp 3-6, June 2000.
- Ludwig, S.C., Kramer, D.L., Balderston, R.A., **Vaccaro, A.R.**, Foley, K.F., Albert, T.J.: Placement of Pedicle Screws in the Human Cadaveric Cervical Spine. Comparative Accuracy of Three Techniques. *Spine* 25(13): 1655-1667. 2000.
- **Vaccaro, A.R.**, Conant, R.F., Hilibrand. A.S., Albert, T.J.: A Plate-Rod Device for Treatment of Cervicothoracic Disorders: Comparison of Mechanical Testing with Established Cervical Spine in Vitro Load Testing Data. *J. Spinal Dis.* 13(4): 350-355, 2000.
- Sim, E., **Vaccaro, A.R.**, Berzlanovich, A., Schwartz, N, Sim, B.: In Vitro Genesis of Subaxial Cervical Unilateral Facet Dislocations Through Sequential Soft Tissue Ablation. *Spine* 26(12), 1317-1323, 2001.
- Sim. E., **Vaccaro, A.R.**, Berzlanovich, A., Thaler, H., Ulrich, C.: Fenestration of the Extracranial Vertebral Artery. Review of the Literature. *Spine.*26(6): E139-E142, March 2001.
- **Vaccaro, A.R.**, Sharan, A.D., Tuan, R.S., Kang, J.D., An, H.S., Marone, M.A., Savas, P.E., Hilibrand, A.S., Abitbol, J.J. The Use of Biologic Materials in Spinal Fusion. *Orthopaedics.* 24: 191-197, 2001.
- Klein, G.R., **Vaccaro, A. R**, Cwik, J., Seitchik, S., Viscusi, E.R., Albert, T.J.: Efficacy of Cervical Epidural Steroids in the Treatment of Cervical Spine Disorders. *The American Journal of Anesthesiology:* 9: 547-550, 2000
- Taylor, B.A., **Vaccaro, A.R.**, Hilibrand, A.S., Zlotolow, D.A., Albert, T.J.: The Risk of Foraminal Violation and Nerve Root Impingement After Anterior Placement of Lumbar Interbody Fusion Cages. *Spine* 26(1): 100-104, 2001.
- **Vaccaro, A.R.**: Point of View: Irreducible dislocations of the Cervical Spine. *Spine:* 26:1931. 2001.
- **Vaccaro, A.R.**, Topper, S., Brien, E., Roberts, C.: Report of the 2000 Japanese American Traveling Fellows. *J. Bone and Joint Disease* 83-A(2):290-292, Feb. 2001.
- **Vaccaro, A.R.**: Point of View: Interobserver and Intraobserver Agreement of Radiographic Interpretation With and Without Pedicle Screw Implants-The Need for a Detailed Classification System in Posterolateral Spinal Fusion. *Spine* 26, 543-544, 2001.
- Harris, B.M., Hilibrand, A.S., Nien, Y.H., Nachwalter, R.S., **Vaccaro, A.R.**, Albert, T.J., Siegler, S.: A

Comparison of Three Screw Types for Unicortical Fixation in the Lateral Mass of the Cervical Spine. *Spine* 26(22):2427-31, 2001.

- **Vaccaro, A.R.**, Nachwalter, R.: Management of cervicothoracic junctional spinal disorders. *A.J. of Orth*, 2001.
- **Vaccaro, A.R.**, Watkins, R., Albert, T.J., Pfaff, W.L., Klein, G.R., Silber, J.S.: Cervical Spine Injuries in Athletes: Current Return-To-Play Criteria. *Orthopaedics*. 24:699-705, 2001.
- Saulino, M.F., **Vaccaro, A.R.**: Rehabilitation of Spinal Cord Injured Patients From Orthopaedic Surgery/Spine. *Emedicine.com*. July. 2001.
- Anderson, D.G., Silber, J., **Vaccaro, A.R.**: Spine Training. *The Spine Files*. *The Spine Journal* 1:229-231, 2001.
- Silber, J.S., Anderson, D.G., **Vaccaro, A.R.**, Hillibrand, A.S., Albert, T.J.: Clinical Spinal Neuroanatomy: What You Need To Know To Survive Everyday Practice.. *Resident and Staff Physician*. 49:8-18, 2003.
- Silber, J.S., **Vaccaro, A.R.**: Summary statement: The Role and Timing of Decompression in Acute Spinal Cord Injury: Evidence-Based Guidelines. *Spine* 26(24S):S110, 2001.
- **Vaccaro, A.R.**, Silber, J.S.: Post-traumatic Spinal Deformity. *Spine* 26(24S):S111-S118, 2001.
- Silber, J., Anderson, G., **Vaccaro, A. R.**: Spine Training: Spine surgery Fellowships: Perspectives of the Fellow and Directors. *The Spine Journal*. 1:229-230, 2001.
- Silber, J.S., **Vaccaro, A.R.**, Green, B.: Summary Statement: Chronic Long-Term Sequelae After Spinal Cord Injury: Post-Traumatic Spinal Deformity and Post-Traumatic Myelopathy Associated With Syringomyelia. *Spine*. 26(24S):S128. 2001.
- Zigler, J.E., Anderson, P.A., Bridwell, K., **Vaccaro, A.R.**: What's New In Spine Surgery. *JBJS*: 83:1285-1292, 2001.
- Austin, M., **Vaccaro, A.R.**, Brislin, B., Nachwalter, R., Hilibrand, A.S., Albert, T.J.: Image-Guided Spine Surgery: A Cadaver Study Comparing Conventional Open Laminoforaminotomy and Two Image-Guided Techniques for Pedicle Screw Placement in Posterolateral Fusion and Nonfusion Models. *Spine* 27(22): 2503-2508. 2002
- Ullrich, P. F., **Vaccaro, A.R.**: Patient Education on the Internet. *Spine* 27(7): E185-88, April 2002.
- **Vaccaro, A.R.**: Is magnetic resonance imaging indicated before reduction of a unilateral facet dislocation? *Spine* 27(1):116-7, 2002.
- **Vaccaro, A.R.**, Martyak, G.G., Madigan, L.: Adult Isthmic Spondylolisthesis. *Orthopaedics*. 24: 1172-1177, 2001.
- Hart, R.A., **Vaccaro, A.R.**, Nachwalter, R.S.: Controversies in Spine: Cervical Facet Dislocation: When is Magnetic Imaging Indicated. *Spine* 27(1): 116-118. 2002
- Anderson, D.G., Izzo, M.W., Hall, D.J, **Vaccaro, A.R.**, Hilibrand, A., Arnold, W., Tuan, R.S., Albert, T.J.: Comparative Gene Expression Profiling of Normal and Degenerative Discs: Analysis of a Rabbit Annular Laceration Model. *Spine* 27(12): 1291-1296, 2002
- **Vaccaro, A.R.**: Acute Central Cord Syndrome in the Setting of Upper Extremity Weakness. *Point of View*. *Spine* 27(15):1658, 2002.
- Vaccaro AR, Cirello, J.: The use of allograft bone and cages in fractures of the cervical, thoracic, and lumbar spine. *Clin. Ortho. and Rel. Res.* (394): 19-26, 2002.
- Anderson, S. D., Anderson, D.G., **Vaccaro, A.R.**: Skeletal Fracture demographics in Spinal Cord-Injured Patients. *Arch Orthop Trauma Surg*. 124 :193-196, 2004.
- Daffner, S.D., **Vaccaro, A.R.**, Katsos, M. S., Grauer, J.N.: Advances In Operative Stabilization For Unstable Cervical Spine Injuries: Implications For Early Mobilization And Rehabilitation. *Topics in Spinal Cord Injury Rehabilitation*. Secondary medical conditions: prevention and management in the face of shrinking resources. Marino, R. ed 9(1):1-13, 2003
- **Vaccaro, A.R.**, Singh, K., Haid, R., Branch, C., Wuissman, Kitchel, S.: The Use of Bioabsorbable Implants

in the Spine. *The Spine Journal*. 3, 227-237. 2003

- Banco, S.P., **Vaccaro, A.R.**, Blam, O., Eck, J.C., Cotler, J.M., Hilibrand, A.S., Albert, T.J., Murphy, S.: Spine Infections Variations in Incidence During the Academic Year. *Spine* 27(9): 962-965, 2002
- Anderson, D.G., Wierzbowski, L.R., Schwartz, D.N., Hilibrand, A., S., **Vaccaro, A.R.**, Albert, T.J.: Pedicle Screws with High Electrical Resistance: A Potential Source of Error During Stimulus-evoked EMG. *Spine* 27(14): 1577-1581, 2002.
- **Vaccaro, A.R.**: Point of View-Predictors of Neurologic Recovery in Acute Central Cervical Cord Injury With Only Upper Extremity Impairment. *Spine*. 27(15): 1658, 2002.
- Fan, D., Schwartz, D.M., **Vaccaro, A.R.**, Hilibrand, A.S., Albert, T.J.: Intraoperative Neurophysiologic Detection of Iatrogenic C5 Nerve Root Injury During Laminectomy for Cervical Compression Myelopathy: *Spine* 27(22): 2499-2502, 2002
- Silber, J.S, Anderson, D.G., Hayes, V.M., **Vaccaro, A.R.**: Advances in Surgical Management of Lumbar Degenerative Disease. *Orthopedics*. 25:767-771, 2002.
- Daffner, S.D., **Vaccaro, A.R.**: Managing Disorders of the Cervicothoracic Junction. *Amer. Journ. Of Orth.* XXXI: 323-328, 2002
- Daffner, S.D., **Vaccaro, A.R.**: Adult Degenerative Lumbar Scoliosis. *Journ. Of Amer. Orth.* XXXII : 77-82, 2003
- **Vaccaro, A.R.**, Ditunno. J. Management of Degenerative Changes and Stenosis of the Lumbar Spinal Canal Secondary to Cervical Spinal Cord Injury. *Spinal Cord* 41:211-219, 2003
- **Vaccaro, A.R.**, Chiba, K., Heller, J.G., Patel, T.C., Thalgott, J.S., Truumees, E., Fischgrund, J.S., Craig, M.R., Berta, S.C., Wang, J.C.: Bone Grafting Alternatives in Spinal Surgery. *The Spine Journal*. 2:206-215, 2002
- Zigler, J.E., Boden, S., Anderson, P.A., Bridwell, K., **Vaccaro, A.R.**: What's New in Spine Surgery. *JBJS* 84A: 1282-1288, 2002
- **Vaccaro, A.R.**, Madigan, L., Bauerle, W.B., Blescia, A., Cotler, J.M.: Early Halo Immobilization of Displaced Traumatic Spondylolisthesis of the Axis. *Spine* 27(20):2229-2233, 2002.
- Blam, O., **Vaccaro, A.R.**, Vanichkachorn, J.D., Albert, T., Hilibrand, A., Minnich, J.M., Murphy, S.A.: Risk Factors for Surgical Site Infections in the Patient with Spinal Injury. *Spine* 28(13): 1475-1480, 2003.
- Torino, P.J., Kim, D.H., **Vaccaro, A.R.**: Early Versus Late Surgical Decompression in the Setting of Cervical Spinal Cord Injury. *J. Controversial Medical Claims*. 8:1-8, 2001.
- Kang, M., Vives, M.J., **Vaccaro, A.R.**: The Halo-Vest: Principles of Application and Management of Complications. *The Journal of Spinal Cord Medicine*, 26:186-192, 2003.
- Silber, J.S., Anderson, D.G., **Vaccaro, A.R.**, Anderson, P.A., McCormick, P.: Management of Postprocedural Discitis. *The Spine Journal*. 2:279-287, 2002
- **Vaccaro, A.R.**: Editorial-A Snapshot of Spine Care Today. *The Spine Journal* 3:1S-2S, 2003
- Daffner, S.D., Hilibrand, A S., Hanscom, B.S., Brislin, B.T., **Vaccaro, A.R.**, Albert, T.J.: Impact of Neck and Arm Pain on Overall Health Status. *Spine* 28: 2030-2035, 2003
- **Vaccaro, A.R.**, Madigan, L.: Spinal Applications of Bioabsorbable Implants. *Orthopaedics*. 25:s1115-s1120. 2002
- **Vaccaro, A.R.**, Venger, B.H., Kelleher, P.M., Singh, K., Carrino, J.A., Albert, T., Hilibrand, A.: Use of a Bioabsorbable Anterior Cervical Plate in the Treatment of Cervical Degenerative and Traumatic Disk Disruption. *Orthopaedics* 25:s1191-s1200, 2002
- Kwon, B.K, **Vaccaro, A.R.**, Grauer, J.N, Beiner, J.: Indications, techniques, and outcomes of posterior surgery for chronic low back pain. *Orth Clin. N. Am.*: 34:297-308, 2003
- Kwon, B.K., Berta, S.C., Beiner, J., Grauer, J.N., **Vaccaro, A.R.**: Paediatric Spinal Injuries. *Pan Arab Journal of Neurosurgery*. 7:1-11, 2003.
- **Vaccaro, A.R.**, Klein, G.R., Ciccoti, M., Pfaff, W.L., Moulton, M.J.R., Hilibrand, A., Watkins, B.: Return to

Play Criteria for the Athlete with Cervical Spine Injuries Resulting in Stinger and Transient Quadriplegia/Paresis. *The Spine Journal* 2: 351-356, 2002.

- **Vaccaro A.R.**, Madigan, L.: Spinal Applications of Bioabsorbable Implants. *J. of Neurosurgery (Spine 4)* 97:407-412, 2002
- **Vaccaro, A.R.**, Venger, B.H., Kelleher, P.M., Singh, K., Carrino, J.A., Albert, T., Hilibrand, A.: Use of a Bioabsorbable Anterior Cervical Plate in the Treatment of Cervical Degenerative and Traumatic Disk Disruption. *J. of Neurosurgery (Spine 4)* 97:473-480. 2002
- Kambin, P., **Vaccaro A.R.**, Anderson, P., McCormick, P., Mink, J., Jones, A., Hilibrand, A., Patel, T., Wang, J.: Arthroscopic Microdiscectomy. *The Spine Journal* 3 (3) 60S-64S, 2003.
- Singh, K, **Vaccaro, A.R.**, Kim, J., Lorenz, P., Lim, T.H., An, H.S.: A Biomechanical Comparison of Cervical Spine Reconstructive Techniques Following a Multi-Level Corpectomy of the Cervical Spine. *Spine* 28:2352-2358,2003.
- Silber, J.S., Anderson, D.G., Daffner, S.D., Brislin, B.T., Leland, L.M., Hilibrand, A.S., **Vaccaro, A.R.**, Albert, T.J.: Donor Site Morbidity After Anterior Iliac Crest Bone Harvest For Single-Level Anterior Cervical Discectomy and Fusion. *Spine* 28(2): 134-139, 2003.
- Grauer, J.N., Beiner, J.M., Kwon, B.K., **Vaccaro, A.R.**: Bone Graft Alternatives for Spinal Fusion. *Biodrugs*. 17 (6).391-394, 2003.
- St.John, T., **Vaccaro, A.R.**, Sah, A.P., Schaefer, M., Berta, S.C., Albert, T., Hilibrand, A.: Physical and Monetary Costs Associated with Autogenous Bone Graft Harvesting. *Amer. Journal Orthopaedics*. XXXII: 18-26, Jan. 2003.
- Edwards, C.C., Riew, D., Anderson, P.A., Hilibrand, A.S., **Vaccaro, A.R.**: Cervical Myelopathy: Current Diagnostic and Treatment Strategies. *Contemporary Concepts In Spine Care. The Spine Journal* 3: 68-81, 2003
- An, H.S., Singh, K., **Vaccaro, A.R.**, Wang, G.,Yoshida, H., Eck, J., McGrady, L., Tae-Hong, L. : Biomechanical Evaluation of contemporary posterior spinal internal fixation configurations in an unstable burst-fracture calf spine model: special references of hook configurations and pedicle screws. *Spine*, 29:257-262, 2004
- Harris, B.M., Hilibrand, A.S., Savas, P.E., Pellegrino, A., **Vaccaro, A.R.**, Albert, T.J., Siegler, S.: Transforaminal Lumbar Interbody Fusion: The Effect of Various Instrumentation Techniques on the Flexibility of the Lumbar Spine. *Spine (Phila Pa 1976)*. 2004 Feb 15;29(4):E65-70.
- **Vaccaro, A.R.**, Harrop, J.S., Daffner, S.D., Berta, S.C.: Acute Cervical Spine Injuries in the Athlete: Diagnosis, Management, and Return-To-Play. *International SportMed Journal* 4:1-5, 2003
- Silber, J., **Vaccaro, A.R.**, Madigan, L.: Postoperative Discitis. *Pan Arab Spine Journal*. 9:27-32, 2005
- Kim, D.H., **Vaccaro, A.R.**, Henderson, F.C., Benzel, E.C.: Molecular Biology of Cervical Myelopathy and Spinal Cord Injury: role of oligodendrocyte apoptosis. *The Spine Journal*. 3:510-519, 2003
- Kwon, B.K., Berta, S., Daffner, S., **Vaccaro, A.R.**, Hilibrand, A.S., Grauer, J.N, Beiner, J., Albert, T.J.: Radiographic Analysis of Transforaminal Lumbar Interbody Fusion for the Treatment of Adult Isthmic Spondylolisthesis. *J. Spinal Disorders* 16:469-476, 2003
- Scuderi, G.J., **Vaccaro, A.R.**, Brusovanik, G.V., Kwon, B.K., Berta, S.C.: Conjoined Lumbar Nerve Roots: A Frequently Underappreciated Congenital Abnormality. *J. Spinal Disorders Techniques*. 17:86-93, 2004
- Anderson, G., **Vaccaro, A.R.**: A Statistical Model of Neurologic Outcomes Following Bilateral Facet Dislocation. *The Spine Journal*. 2004;4(5):506-512.
- Silber, J., **Vaccaro, A.R.**: Rheumatoid arthritis of the cervical spine. *Pan Arab Journal of Neurosurgery*. 8:12-22, 2004
- Grauer, J., **Vaccaro, A.R.**, Beiner, J., Kwon, B., Hilibran, A.S., Harrop, J.S., Anderson, G., Hurlbert, J., Fehlings, M.G., Ludwig, S.C., Hedlund, R., Arnold, P.M., Bono, C.M., Brodke, D.S., Dvorak, M.F.S., Fischer, C.G., Sledge, J.B., Shaffrey, C.I., Schwartz, D.G., sears,W.R., Dickman, C., Sharan, A.,

- Albert, T.J., Rechtine, G.R.: Similarities and Differences in the Treatment of Spine Trauma Between Surgical Specialties and Location of Practice. *Spine* 29, 685-696. 2004
- Kim, D.H., **Vaccaro, A.R.**, Berta, S.C.: Acute sports-related spinal cord injury: contemporary management principles. *Clin Sports Med* 22:501-512, 2003
 - Abel, R., Bazo, H.A.C., Kluger, P.J., Selmi, F., Meiners, T., **Vaccaro, A.R.**, Ditunno, J., Gerner, H.J.: Clinical case: Management of degenerative changes and stenosis of the lumbar spinal canal secondary to cervical spinal cord injury. *Spinal Cord*. 41:211-219, 2003
 - Kwon, B., Hilibrand, A., **Vaccaro, A.R.**, Albert, T.J.: Morphologic evaluation of cervical spine anatomy with computed tomography: Anterior cervical plate fixation considerations. *J. Spinal Disorders*. 17: 102-107, 2004
 - Singh, K., **Vaccaro, A.R.**, Kim, J., Lorenz, E.P., Lim, T.H., An, H.S.: Enhancement of Stability Following Anterior Cervical Corpectomy: A Biomechanical Study. *Spine* 29:845-849, 2004
 - **Vaccaro, A.R.**: Changes in bone architecture during spinal fusion, three years follow-up on the role of cage stiffness. *Point of view. Spine* 28: 1809, 2003
 - Zigler, J.E., Anderson, P.A., Boden, S.D., Bridwell, K.H., **Vaccaro, A.R.**: Specialty update. What's new in spine surgery. *J. Bone Joint Surgery* 85A 1626-1636, 2003
 - Grauer, J.N., **Vaccaro, A.R.**, Masahiro, K., Kwon, B., Beiner, J.M., Patel, T.C., Hilibrand, A.S., Chiba, K., Albert, T.J.: Development of a New Zealand white rabbit model of spinal pseudarthrosis repair and evaluation of the potential role of OP-1 to overcome pseudarthrosis. *Spine*, 29:1405-1432, 2004
 - Wimberly, D.W., Goyal, N., Goins, M.L., Zeiller, S.C., Yuan, P.S., **Vaccaro, A.R.**: Advances in surgical techniques and instrumentation and their impact on the spinal cord injury rehabilitation process. *Topics in spinal cord injury*. 10:35-49, 2004.
 - Risbud, M.V., Izzo, M.W., Adams, C.S., Arnold, W.W., Hilibrand, A.S., Vresilovic, E.J., **Vaccaro, A.R.**, Albert, T.J., Shapiro, I.R.: An organ culture system for the study of the nucleus pulposus: Description of the system and evaluation of the cells. *Spine*. 28:2652-2659, 2003
 - Beiner, J.M., Grauer, J., Kwon, B.K., **Vaccaro, A.R.**: Postoperative wound infections of the spine. *Neurosurgery Focus* 15:1-5, 2003
 - Scuderi, G.J., **Vaccaro, A.R.**, Fitzhenry, L.N., Greenberg, S., Eismont, F.: Long-term clinical manifestations of retained bullet fragments within the intervertebral disk space. *J. Spinal Disorders*. 17:108-111, 2004
 - Grauer, J.N., **Vaccaro, A.R.**, Brusovanik, G., Girardi, F.P., Silveri, C.P., Camissa, F.P., Kwon, B.K., Beiner, J.M., Albert, T.J., Hilibrand, A.S., Scuderi, G.J.: Evaluation of a novel pedicle probe for the placement of thoracic and lumbosacral pedicle screws. *J. Spinal Disorders*. 17:492-497, 2004
 - Singh, K., **Vaccaro, A.R.**, Eichenbaum, M.D., Fitzhenry, L.N.: The surgical management of thoracolumbar injuries. *The J. Spinal Cord Medicine*. 27:95-101, 2004.
 - Grauer, J.N., Beiner, J.M., Kwon, B., **Vaccaro, A.R.**: The evolution of allograft bone for spinal applications. *Orthopedics*. 2005 Jun;28(6):573-7; quiz 578-9
 - Succato, D., Kuklo, T., **Vaccaro, A.** : 2003 Scoliosis Research Society Traveling Fellowship Report. *Spine Journal* 2003.
 - Vaccaro AR, Patel T, Fischgrund J, Anderson DG, Truumees E, Herkowitz H, Phillips F, Hilibrand A, Albert TJ. A pilot safety and efficacy study of OP-1 putty (rhBMP-7) as an adjunct to iliac crest autograft in posterolateral lumbar fusions. *European Spine Journal*. 12 (5):495-500, 2003
 - **Vaccaro, A.R.**, Kim, D.H., Brodke, D.S., Harris, M., Chapman, J., Schildhauer, T., Routt, M.L.C., Sasso, R.: Diagnosis and management of thoracolumbar spine fractures. *J. Bone Joint Surgery*, 85A, 2456-2470, 2003
 - Benzel, E., **Vaccaro, A.R.**: Cervical deformity correction. *Neurosurgery Suppl*. 2004
 - **Vaccaro, A.R.**, Robbins, M.M., Madigan, L., Albert, T.J., Smith, W., Hilibrand, A.S. "Early findings in a

pilot study of anterior cervical fusion in which bioabsorbable interbody spacers were used in the treatment of cervical degenerative disease." Neurosurgical Focus **16**(3): E7.

- Robbins, M.M., **Vaccaro, A.R.**: Madigan, L., "The use of bioabsorbable implants in spine surgery." Neurosurg. Focus 2004 Mar 15;16(3):E1.
- Harrop, J.S., Hunt, G.E., **Vaccaro, A.R.**: Conus medullaris and cauda equine as a result of traumatic injuries: Management principles. Neurosurgery Focus 16:19-23, 2004
- **Vaccaro, A.R.**, Kim, D.H., Brodke, D.S., Harris, M., Chapman, J., Schildhauer, T., Routt, C., Sasso, R.C.: Diagnosis and management of sacral spine fractures. J.BJS 86A 166-175, 2003
- Kim, D.H., **Vaccaro, A.R.**: Osteoporotic compression fractures of the spine; current options and considerations for treatment. The Spine Journal. 6:479-487, 2006
- **Vaccaro, A.R.**: Commentary & perspective on "Low-back pain following surgery for lumbar disc herniation: a prospective study" by Tomaki Toyone, M.D. J.Bone Joint Surg. –Am. [online] May 2004;86
- Taylor, B.A, Casas-Ganem, **Vaccaro, A.R.**, Hilibrand, A.S, Hanscom, B.S., Albert, T. J.: Differences in the work-up and treatment of conditions associated with low back pain by patient gender and ethnic background. Spine 30, 359-364, 2005
- Anderson, D.G., Voets, C., Ropiak, R.R., Betcher, J., Silber, J.S., Daffner, S., Cotler, J., **Vaccaro, A.R.**: Analysis of patient variables affecting neurologic outcome after traumatic cervical facet dislocation. Spine J. 2004 Sep-Oct;4(5):506-12.
- Henderson, F.C., Geddes, J.F., **Vaccaro, A.R.**, Woodard, E., Berry, K.J., Benzel, C.E Stretch-associated injury in cervical spondylotic myelopathy: New concept and review. Neurosurgery 56:1101-1113, 2005
- Truumees, E., Hilibrand, A., **Vaccaro, A.R.**: Percutaneous vertebral augmentation. Contemporary Concepts Review. The Spine Journal 2004;4:218-228
- Scuderi, G.J., Sherman, A.L., Brusovanik, G.V., Pahl, M.A., **Vaccaro, A.R.**: Symptomatic cervical disk herniation following a motor vehicle collision: return to work comparative study of workers' compensation versus personal injury insurance status. The Spine Journal. 5:639-644, 2005
- Goins, M.L., Wimberly, D.W., Yuan, P.S., Fitzhenry, L.N., **Vaccaro, A.R.**: Nucleus Pulposus Replacement: an emerging technology. The Spine Journal. 5:317S-324S, 2005.
- Singh, K., **Vaccaro, A.R.**, Albert, T.J.: Assessing the potential impact of total disc arthroplasty on surgeon practice patterns in North America. The Spine Journal. 4:195S-201S:2004.
- Smith, H.E, Wimberly, D.W., **Vaccaro, A.R.**: Cervical Arthroplasties: Material properties. Neurosurgery Focus. 17:15-21, 2004.
- Risbud, M.V., Shapiro, I.M., **Vaccaro, A.R.**, Albert, T.J.: Stem cell regeneration of the nucleus pulposus. The Spine Journal. 4:348S-353S:2004.
- Kwon, B.K., Hilibrand, H.S., Malloy, K., Savas, P.E., Silva, M.T., Albert, T.J., **Vaccaro, A.R.**: A critical analysis of the literature regarding surgical approach and outcome for adult low-grade isthmic spondylolisthesis. J spinal Disorders S30-40, 2005
- Nguyen, H.V., Ludwig, S.C., Silber, J., Gelb, D.E., Anderson, P.A., Frank, L., **Vaccaro, A.R.**: Rheumatoid arthritis of the cervical spine. The Spine journal. 4:329-334, 2004
- Hilibrand, A.S., Schwartz, D.M., Sethuraman, V., **Vaccaro, A.R.**, Albert, T.J.: Comparison of transcranial electric motor and somatosensory evoked potential monitoring during cervical spine surgery. J.Bone Joint Surg. 86A:1248-1253, 2004
- Silber, J.S., Hayes, V.M., Lipetz, J., **Vaccaro, A.R.**: Whiplash: fact or fiction? American J. Orthopaedics XXXIV:23-28, 2005.
- Shah, R.V., Albert, T.J., Bruegel-Sanchez, V., **Vaccaro, A.R.**, Hilibrand, A.S., Grauer, J.N.: Industry support and correlation to study outcome for papers published in Spine. Spine 30: 1099-1104, 2005

- Thalgot, J., Albert, T.J., **Vaccaro, A.R.**, Aprill, C.N., Giuffre, J., Drake, J.S., Henke, J.P.:A new classification system for degenerative disc disease of the lumbar spine based on magnetic resonance imaging, provocative discography, plain radiographs and anatomic considerations. The Spine Journal 4:167S-172S, 2004
- Kwon, B.K., Tetzlaff, W., Grauer, J.N., Beiner, J., **Vaccaro, A.R.**: Pathophysiology and pharmacologic treatment of acute spinal cord injury. The Spine Journal. 4:451-464, 2004
- Scuderi, G.J., **Vaccaro, A.R.**, Fitzhenry, L.N., Eichenbaum, M.D., Brusovanik, G.V.:C-1 rachischisis with occipitalization of the atlas; a case report. <http://www.crcpr-online.com/crcpr-online/> 6:52-54:2005
- **Vaccaro, A.R.**, Patel, T., Fischgrund, J., Anderson,G., Truumees, E., Herkowitz, H.N., Phillips, F., Hilibrand, A., Albert, T.J., Wetzels, T., McCulloch, J.A.: A pilot study evaluating the safety and efficacy of OP-1 putty (rhBMP-7) as a replacement for iliac crest autograft in posterolateral lumbar arthrodesis for degenerative spondylolisthesis. Spine 29. 1885-1892, 2004
- Sucato, D.J., Kuklo, T.R., **Vaccaro, A.R.**, Brown,C.: 2003 scoliosis research society European traveling fellowship report to the education committee. Spine.29:1966-1970, 2004.
- **Vaccaro, A.R.** :Commentary and Perspective "Quality of life following vertebroplasty. eJBJS 86A, 2004.
- Lim, M., Lee, J., **Vaccaro, A.R.**: Postoperative infections in the spinal trauma patient. C.O.R.R. 2005
- Anderson, D.G., Voets, C., Ropiak, R., Betcher, J., Silber, J., Daffner,S., Cotler,J.M., **Vaccaro, A.R.**: Analysis of patient variables affecting neurologic outcome after traumatic cervical facet dislocation. The Spine Journal 4:506-512, 2004
- Grauer, J.N., Shafi, B., Hilibrand, A.S., Harrop, J.S., Kwon, B.K., Beiner,J.M., Albert, T.J., Fehlings, M.G., **Vaccaro, A.R.** : Proposal of a modified, treatment-oriented classification of odontoid fractures. The Spine Journal. 5:123-129, 2005
- Hayes, V.M., Silber, J.S., **Vaccaro, A.R.**:Contemporary surgery for lumbar degenerative disk disease. Disability Medicine. 4:43-49, 2004
- Scuderi, G.J., Brusovanik, G.V., Fitzhenry, L.N., **Vaccaro, A.R.**:Is wound drainage necessary after lumbar spinal fusion surgery.Medical Science Monitor 11:CR64-66, 2005
- Risbud, M.V., Albert, T., Guttapalli, A., Vresilovic, E.J., Hilibrand, A.S., **Vaccaro, A.R.**, Shapiro, I.M.: Differentiation of mesenchymal stem cells towards a nucleus pulposus-like phenotype in vitro: implications for cell-based transplantation therapy. Spine 29:2627-2632, 2004
- Taksali,S., Grauer,J.N.,**Vaccaro, A.R.**:Material considerations for intervertebral disc replacement implants. The Spine Journal 4:231S-238S, 2004
- Singh, K., Heller, J., **Vaccaro, A.R.**: Current Concepts Metastatic Disease of the Spine. Spine 2005
- **Vaccaro, A.R.**, Anderson, D.G., Patel, T., Fischgrund,F., Truumees, E., Herkowitz, H,N., Phillips, F., Hilibrand, A., Albert, T.J., Wetzels, T., McCulloch, J.A.:Comparison of OP-1 Putty (rhBMP-7) to Iliac Crest Autograph for Posterolateral Lumbar Arthrodesis: A Minimum 2-Year Follow-up Pilot Study. Spine, 30:2709-2716, 2005
- Coe, J. D., **Vaccaro, A.R.**: Instrumented transforaminal interbody fusion with bioabsorbable polymer implants and iliac crest autograft. Spine 30:S76-83, 2005
- Kwon, B, Hilibrand, A., Malloy, K., Savas, P, Silva, Marco, Albert, T, **Vaccaro, A**:A Critical Analysis of the Literature Regarding Surgical Approach and Outcome for Adult Low Grade Isthmic Spondylolisthesis. J. Spinal Disord Tech, Volume 18, Supplement 1, February 2005.
- Singh, K., Heller, J.G., An, H.S.,**Vaccaro, A.R.**: Management of complex soft-tissue defects following spinal instrumentation. J Bone Joint Surg Br. 2006 Jan;88(1):8-15.
- Zeiller SC, Lee J, Lim M, **Vaccaro AR**: Thoracic pedicle screw instrumentation: Safe and effective placement recommendations. Neurol India. 2005 Dec;53(4):458-65.
- Lehman, R., **Vaccaro, A.R.**, bertagnoli, R., Kuklo, T.: Standard and minimally invasive approaches to

- the spine. *Orth. Clinics North America*, 36: 281-292, 2005
- Singh, K., Samartzis, D., **Vaccaro, A.R.**, Nassr, A., Anderson, G.B., Yoon, S.T., Phillips, F.M., Goldberg, E.J., An, H.S.: Congenital lumbar spinal stenosis: A controlled matched cohort radiographic analysis. *The Spine Journal* 5:615-622, 2005
 - Pahl, M.A., Brislin, B., Boden, S., Hilibrand, A.S., **Vaccaro, A.**, Hanscom, B., Albert, T.J.: The impact of four common lumbar spine diagnoses upon overall health status. *The Spine Journal* 6:125-130, 2006
 - **Vaccaro, A.**, Zeiller, S., Hubert, J., Anderson, P., Harris, M.J., Heddlund, R., Harrop, J., Dvorak, M., Wood, K., Fehlings, M., Fisher, C., Lehman, R., Anderson D., Bono, C., Kuklo, T., Oner, F.: The Thoracolumbar Injury Severity Score: A Proposed Treatment Algorithm. *J. Spinal Disord. Tech.* Volume 18, Number 3, June 2005, pp.209-215.
 - **Vaccaro, A.**: Measurement Techniques for Sacral Fractures Consensus Statement of the Spine Trauma Study Group. *Spine Journal* 2005.
 - Harrop, J.S., Sharan, A., Anderson, G., Hilibrand, A.S., Albert, T.J., Flanders, A., **Vaccaro, A.R.**: Failure of spinal imaging to detect a cervical fracture in a patient with ankylosing spondylitis. *Spine*. 30:E417-419, 2005
 - Wimberly, D.W., **Vaccaro, A.R.**, Goyal, N., Harrop, J.S., Anderson, G., Albert, T.J., Hilibrand, A.S.: Acute quadriplegia following closed traction reduction of a cervical facet dislocation in the setting of Ossification of the Posterior Longitudinal Ligament. Case Report. *Spine*: 30:E433-438, 2005
 - Grauer, J.N., Beiner, J.M., Kwon, B., **Vaccaro, A.R.**: The evolution of allograft bone for spinal applications. *Orthopedics* 28:573-579, 2005
 - Kuklo, T.R., Ludwig, S., Anderson, P., Lindsey, **Vaccaro, A.R.**: Radiographic measurement techniques for sacral fractures: consensus statement of the Spine Trauma Study Group. *Spine* 31: 2006
 - Wood, K.B., Khanna, G., **Vaccaro, A.R.**, Arnold, P.M., Harris, M.B., Mehbod, A.A.: Assessment of two thoracolumbar fracture classification systems as used by multiple surgeons. *JBJS (A)*. 87:1423-1429, 2005
 - **Vaccaro, A.R.**, Lim, M.R., Lee, J.Y.: Indications for surgery and stabilization techniques of the occipito-cervical junction. *Injury, Int.J.Care Injured*. 36:S-B44-S-B53, 2005
 - Harrop, J.S., **Vaccaro, A.R.**, Hurlbert, R.J., Wilsey, J.T., Baron, E.M., Shaffrey, C.I., Fisher, C.G., Dvorak, M.F., Oner, F.C., Wood, K.B., Anand, N., Anderson, G., Lim, M.R., Lee, J.Y., Bono, C.M., Arnold, P.M., Rampersaud, Y.R., Fehlings, M.G.: Intrarater and interrater reliability and validity in the assessment of the mechanism of injury and integrity of the posterior ligamentous complex: a novel injury severity scoring system for thoracolumbar injuries. *J. Neurosurg. Spine* 4:118-122, 2006
 - Scuderi, G.J., Brusovanik, G.V., Campbell, D.R., Henry, R.P., Kwon, B., **Vaccaro, A.R.**: Evaluation of non-lead-based protective radiological material in spinal surgery. *The Spine Journal*, 6:577-582, 2006
 - DiMartino, A., **Vaccaro, A.R.**, Lee, J.Y., Denaro, V., Lim, M.R.: Nucleus pulposus replacement. *Spine* 30:S16-S22, 2005
 - Bridwell, K.H., Anderson, P.A., Boden, S.D., **Vaccaro, A.R.**, Wang, J.C.: Whats new in spine surgery. *J.B.J.S.* 87A:1892-1901, 2005
 - Scuderi, G., **Vaccaro, A.R.**, Anderson, G. Cytokine assay of the epidural space lavage in patients with lumbar intervertebral disk herniation and radiculopathy. *J. Spinal Disorders techniques* 19:266-269, 2006
 - Rahimi-Movaghar V. Vaccaro A, Mohammadi M. The Efficacy of Surgical Decompression in Regards to Motor Recovery in the Setting of Conus Medullaris Injury. *J Spinal Cord Med.* 29(1):32-38, 2006
 - **Vaccaro, A.R.**, Yuan, P.S., Smith, H.E., Hott, J., Sasso, R., Papadopoulos, S.: An Evaluation of Image-Guided Technologies in the Placement of Anterior Thoracic Vertebral Body Screws in Spinal Trauma: A Cadaver Study. *JSCM*, 28, 308-313, 2005.

- Bono, C., France, J., **Vaccaro, A.R.**: Initial Radiographic Evaluation of the Spine Following Trauma: When, What, Where, and How to Image the Acutely Traumatized Spine. J Orthop Trauma. 2006 Sep;20(8):567-72.
- Anderson, G.D., Albert, T.J., Fraser, J.F., M., Wuisman, P., Meisel, H.J., Tannoury, C., Shapiro, I., **Vaccaro, A.R.**: Cellular therapy for disk regeneration. Spine 30:S14-19, 2005
- Lee, J.Y., Hilibrand, A.S., Lim, M.R., Zavatsky, J., Zeiller, S., Schwartz, D.M., **Vaccaro, A.R.**, Anderson, D.G., Albert, T.J.: Characterization of neurophysiological alerts during anterior cervical spine surgery. Spine 31:1916-1922, 2006
- **Vaccaro, A.R.**, Lehman, R.A., Hulbert, J., Anderson, P. A., Harris, M., Hedlund, R., Harrop, J., Dvorak, M., Wood, K., Fehlings, M.G., Fisher, C., Zeiller, S.C., Anderson, D.G., Bono, C.M., Stock, G.H., Brown, A.K., Kuklo, T., Oner, F.C.: A new classification of thoracolumbar injuries. Spine 30:2325-2333. 2005
- Vaccaro AR, Patel T, Fischgrund J, Anderson DG, Truumees E, Herkowitz H, Phillips F, Hilibrand A, Albert TJ. A 2-year follow-up pilot study evaluating the safety and efficacy of OP-1 putty (rhBMP-7) as an adjunct to iliac crest autograft in posterolateral lumbar fusions. European Spine Journal. 14:623-626, 2005
- Carrino, J.A., Manton, G.L., Morrison, W.B., **Vaccaro, A.R.**, Schweitzer, M.E., Flanders, A.E.: Posterior Longitudinal Ligament Status in Cervical Spine Bilateral Facet Dislocations. Skeletal Radiology 2006: 35:510-514.
- Riley LH III, Skolasky RL, Albert TJ, Vaccaro AR, Heller JG: Dysphagia after anterior cervical decompression and fusion: prevalence and risk factors from a longitudinal cohort study. Spine 30(22):2564-2569, 2005
- Lee, J.Y., Sharan, A., Baron, E.M., Lim, M.R., Grossman, E., Albert, T.J., **Vaccaro, A.R.**, Hilibrand, A.S.: Quantitative prediction of spinal cord drift after cervical laminectomy and arthrodesis. Spine, 31:1795-1798, 2006
- **Vaccaro, A.R.**, Lim, M., Hulbert, R.J., Lehman, R.A., Harrop, J., D. Fisher, C., Dvorak, M.F., Anderson, D.G., Zeiller, S.C., Lee, J.Y., Fehlings, M.G., Oner, F.C.: Surgical decision making for unstable thoracolumbar spine injuries. J. Spinal Disord. Tech. 19:1-11, 2006
- Anderson, D.G., Risbud, M.V., Shapiro, I.M., **Vaccaro, A.R.**, Albert, T.J.: Cell-based therapy for disc repair. The Spine Journal. 5:297S-303S, 2005
- Beiner, J.M., Sastry, A., Berchuk, M., Grauer, J.N., Kwon, B.K., Ratliff, J.K., Stock, G.H., Brown, A.K., **Vaccaro, A.R.**: An aneurysmal bone cyst in the cervical spine of a 10 year old girl: A case report. Spine, 31:E475-479, 2006
- Lee, J.Y., **Vaccaro, A.R.**, Lim, M.R., Oner, F.C., Hulbert, R.J., Hedlund, R., Fehlings, M.G., Arnold, P., Harrop, J., Bono, C.M., Anderson, P.A., Harris, M.B., Brown, A.K., Stock, G.H., Baron, E.M.: Thoracolumbar Injury Classification and Severity Score: A New Paradigm for the Treatment of Thoracolumbar Spine Trauma. Journal of Orthopaedic Science. 10:671-675, 2005
- Baron, E.M., Loftus, C.M., **Vaccaro, A.R.**, Dominique, D.A.: Anterior approach to the subaxial cervical spine in children: a brief review. Neurosurgical Focus 20:1-6, 2006
- Risbud, M.V., Shapiro, I.M., Guttapalli, A., DiMartino, A., Danielson, K.G., Beiner, J.M., Hilibrand, A., Albert, T.J., Anderson, D.G., **Vaccaro, A.R.**: Osteogenic potential of adult stem cells of the lumbar vertebral body and the iliac crest. Spine, 31: 83-89, 2006
- Smith, H.E., Yuan, P.S., Sasso, R., Papadopolous, S., **Vaccaro, A.R.**: An evaluation of image-guided technologies in the placement of percutaneous iliosacral screws. Spine. 31:234-238. 2006
- Kwon, B.K., **Vaccaro, A.R.**, grauer, J.N., Fisher, C.G., Dvorak, M.F.: Subaxial cervical spine trauma. J. American Academy Orthopaedic Surg. 14:78-89, 2006
- Bono, C., **Vaccaro, A.R.**, Harrop, J., Fehling, M.: Validating a newly proposed classification system for thoracolumbar spine trauma: Looking to the future of the thoracolumbar injury classification. J

Orthop Trauma. 2006 Sep;20(8):567-72.

- Villarraga, M.L., Cripton, P.A., Teti, S.D., Steffey, D.L., Krisnamuthy, S., Albert, T.J., Hilibrand, A., **Vaccaro, A.R.**: Wear and Corrosion in Retrieved Thoracolumbar Posterior Internal Fixation Spine 31: 2454-2462, 2006
- Smith, H.E., **Vaccaro, A.R.**, Yuan, P.S., Papadopoulos, S., Sasso, R.: The use of computerized image guidance in lumbar disk arthroplasty. J Spinal Disord. Tech. 19: 22-27, 2006
- Burbank, S.A., **Vaccaro, A.R.**, Goins, M.L., Tribus, C.B., Manon-espaillet, R.: Thoracic paraparesis following an embolic vascular event during lumbar spinal surgery. J. Spinal. Disord. Tech. 19:68-72, 2006
- Schweitzer, K.M., **Vaccaro, A.R.**, : K., Lee, J.Y., Grauer, J.N., Spine Trauma Study group: Confusion regarding mechanisms of injury in the setting of thoracolumbar spinal trauma: A survey of the Spine Trauma Study Group (STSG). J Spinal Disord. Techniques. 19:528-530, 2006
- Stock, G.H., **Vaccaro, A.R.**, Brown, A.K., Anderson, P.A.: Contemporary Posterior Occipital Fixation. J. Bone Joint Surgery, 88A:1642-1649, 2006
- Saxena, A., Baron, E.M., Anderson, D.G., Hilibrand, A.S., Harrop, J.S., **Vaccaro, A.R.**: Spinal dissociation masquerading as iatrogenic listhesis above a previous fusion. Spine 31: 179-183, 2006
- Spector, L.R., Kim, D., Affonso, J., Albert, T.J., Hilibrand, A., **Vaccaro, A.R.**: Use of Computed Tomography to Predict Failure of Nonoperative Treatment of Unilateral Facet Fractures of the Cervical Spine. Spine 24:2827-2835, 2006
- Bono, C.M., **Vaccaro, A.R.**, Fehlings, M., Fisher, C., Dvorak, M., Ludwig, S., Harrop, J.: Measurement techniques for lower cervical spine injuries. Consensus statement of the spine trauma study group. Spine 31:603-609, 2006
- Whang, P.G., **Vaccaro, A.R.**: Spinal pedicle fixation revisited: The role of X-rays and other surgical factors. Spine 31:717-721, 2006
- Rampersaud, Y.R., Fisher, C., Wilsey, J., Arnold, P., Anand, N., Bono, C.M., Dailey, A.T., Dvorak, M., Fehlings, M.G., Harrop, J., Oner, F.C., **Vaccaro, A.R.**: Agreement Between Orthopedic Surgeons and Neurosurgeons regarding a New Algorithm for the Treatment of Thoracolumbar Injuries. J. Spinal Disorders, 19:477-482, 2006
- **Vaccaro, A.R.**: Point of view: Confidence in spine training among senior neurosurgical and orthopaedic residents. Spine, 31:838, 2006
- Sanfilippo, J.A., Lim, M.R., Jacoby, S.M., Lattera, R., Harrop, J.S., **Vaccaro, A.R.**, Hilibrand, A.S., Anderson, D.G., Albert, T.J.: "Normal" prevertebral soft tissue swelling following elective anterior cervical decompression and fusion. J. Spinal Disorders, 19:401, 2006
- Risbud, M.V., DiMartino, A., Guttapalli, A., Seghatoleslami, R., Denaro, V., **Vaccaro, A.R.**, Albert, T.J., Shapiro, I.M.: Toward an optimized system for intervertebral disc organ culture. Spine 31: 884-890, 2006
- Brown, A., Stock, G., Patel, A.A., Okafor, C., **Vaccaro, A.R.**: Osteogenic Protein-1: A review of its utility in spinal applications. BioDrugs. 2006;20(4):243-51.
- Hilibrand, A., Albert, T.J., Anderson, G., **Vaccaro, A.R.**: The effect of anterior cervical fusion upon neck motion. Spine (Phila Pa 1976). 2006 Jul 1;31(15):1688-92.
- Gokasyan, Z., **Vaccaro, A.R.**: Sacrectomy and reconstructive techniques. Pan Arab Journal of Neurosurgery. 2006
- **Vaccaro, A.R.**, Andersson, G.B.J.: Spinal Trauma Focus Edition: Introduction. Spine, 31:S1, 2006
- Moore, T.A., **Vaccaro, A.R.**, Anderson, P.A.: Classification of lower cervical spinal injuries. Spine, 31:S37-43, 2006
- **Vaccaro, A.R.**, Baron, E.M., Sanfilippo, J., Jacoby, S., Steuve, J., Grossman, E., DiPaola, M., Ranier, P., Austin, L., Ropiak, R., Ciminello, M., Okafor, C., Eichenbaum, M., Rapuri, V., Smith, E., Orozco, F., Ugolini, P., Fletcher, M., Minnich, J., Goldberg, G., Wilsey, J., Lee, J.Y., Lim, M.R., Burns, A.,

- Marino, R., DiPaola, C., Zeiller, L., Zeiller, S.C. Harrop, J., Anderson, D.G., Albert, T.J., Hilibrand, A.S.: Reliability of a novel classification system for thoracolumbar injuries: The thoracolumbar Injury Severity Score. *Spine*, S62-69, 2006
- Bellabarba, C., Schildhauer, T., A., **Vaccaro, A.R.**, Chapman, J.R.: Complications associated with surgical stabilization of high-grade sacral fracture dislocations with spino-pelvic instability. *Spine*, 31:S80-88, 2006
 - McLain, R., Chapman, J., Oner, C., Rampersaud, Y.R., **Vaccaro, A.R.**: Summary statement: thoracolumbar spine trauma. *Spine*, 31:S103, 2006
 - **Vaccaro, A.R.**, Anderson, G.: Spine trauma focus edition: summary. *Spine*. 31:104, 2006
 - Kuklo, T.R., Potter, B.K., Ludwig, S.C., Anderson, P.A., Lindsey, R.W., **Vaccaro, A.R.**: Radiographic measurement techniques for sacral fractures Consensus statement of the spine trauma study group. *Spine* 31:1047-1055, 2006
 - Rampersaud, Y., Fehlings, M., Harrop, J., Kuklo, T., Massicotte, E., Salonen, D., Shaffrey, C., **Vaccaro, A.R.**: Validation of Digital Radiology Measurement Tools for Quantitative Spinal Imaging. *Topics in Spinal Injury Rehabilitation* Volume 12:11-21, 2006.
 - Poelstra, K., **Vaccaro, A.R.**, Rao, S., Patel, D., Brown, A., Whang, P., Patel, A.: Emergency Transport and Radiographic Evaluation Following Spinal Cord Injury. *Topics in Spinal Injury Rehabilitation*. Volume 12:22-37, 2006.
 - Anand, N., **Vaccaro, A.R.**, Limb, M.R., Lee, J.Y., Arnold, P., Harrop, J.S., Ratlif, J., Rampersaud, R., Bono, C.M., and Spine Trauma Study Group. Evolution of thoracolumbar trauma classification systems: Assessing the conflict between mechanism and morphology of injury. *Topics in Spinal Injury Rehabilitation*. Volume 12:70-78, 2006.
 - Tsai, T-T., Guttapalli, A, Oguz, E., Chen, L-H., **Vaccaro, A.R.**, Albert, T.J., Shapiro, I.M., Risbud, M.V. : Fibroblast Growth Factor-2 maintains the differentiation potential of nucleus pulposus cells in vitro: implications for cell-based transplantation therapy. *Spine* 32:495-502, 2007
 - **Vaccaro, A.R.**, Lee, J.Y, Schweitzer, K.M., Lim, M.R., Baron, E.M., Oner, F.C., Hulbert, J., Hedlund, R., Fehlings, M.G., Arnold, P., Harrop, J., Bono, C.M., Anderson, P.A., Anderson, D.G., Harris, M.B., Spine Trauma Study Group: Assessment of Injury to the Posterior Ligamentous Complex in thoracolumbar trauma. *The Spine Journal*, 6. 524-528, 2006
 - Fehlings, M.G., Furlan, J.C., Massicotte, E.M., Arnold, P., Aarabi, B., Harrop, J., Anderson, D.G., Bono, C.M., Dvorak, M., Fisher, C., France, J., Hedlund, R., Madrazo, I., Nockels, R., Rampersaud, R., Rechtine, G., **Vaccaro, A.R.**: Interobserver and intraobserver reliability of maximum canal compromise and spinal cord compression for evaluation of acute traumatic cervical spinal cord injury. *Spine*, 31:1719-1725, 2006
 - Hilibrand, A.S., Balasubramanian, K., Eichenbaum, M., Thinnies, J.H., Daffner, S., Albert, T.J., **Vaccaro, A.R.**, Sigler, S.: The effect of anterior cervical fusion on neck motion. *Spine*:31:1688-1692, 2006
 - Bridwell, K.H., Anderson, P.A., Boden, S.D., **Vaccaro, A.R.**, Wang, J.C.: What's new in spine surgery. *J. Bone Joint Surgery Am*, 88:1897-1907, 2006
 - Magit, D.P., Hilibrand, A.S., Kirk, J., Rechtine, G., Albert, T.J., **Vaccaro, A.R.**, Simpson, A.K., Grauer, J.N.: Questionnaire study of neuromonitoring availability and usage for spine surgery. *J Spinal Dis. Tech*. 20:282-289, 2007
 - **Vaccaro, A.R.**, Sahni, D., Pahl, M.A., Harrop, J.S., Sharan, A.D., Venger, B.H., Haid, R.W., Carrino, J.A., Vadera, S., Hilibrand, A.S., Albert, T.J.: Long-term magnetic resonance imaging evaluation of bioresorbable anterior cervical plate resorption following fusion for degenerative disk disruption. *Spine*, 18:2091-2094, 2006
 - Patel, A.A., Poelstra, K., Whang, P.G., Kurd, M.F., Hilibrand, A., **Vaccaro, A.R.**: Esophageal injuries in anterior cervical surgery. *Topics in Spinal Cord Injury Rehabilitation*. Acute SCI Management: Nonoperative Considerations Thomas Land Publication. Volume 12, Number 1, Summer

2006.pp. 40-44.

- Poelstra, K., **Vaccaro, A.R.**, Rao, S., Patel, A.A., Whang, P.G., Kurd, M.F., Stock, G.: Pharmacologic neuroprotection in patients with spinal cord injury and the efficacy of early decompressive surgery. Topics in Spinal Cord Injury Rehabilitation. Acute SCI Management: Nonoperative Considerations Thomas Land Publication. Volume 12, Number 1, Summer 2006.pp 63-76
- Patel, P., Baron, E.M., Enochs, S., Ruth, C., Harrop, J.S., **Vaccaro, A.R.**: Spinal Epidural Abscess Mimicking Lymphoma. Orthopedics, 31:402, 2008
- Musacchio, M., Patel, N., Bagan, B., Deutsch, H., **Vaccaro, A.R.**, Ratliff, J.: Minimally Invasive Lumbar Laminectomy via a Dual-Tube Technique, Evaluation in a Cadaver Model. Surg. Neurol. 67:348-352, 2007
- Patel, A.A., **Vaccaro, A.R.**, Albert, T.J., ASH, Harrop, J.S., Anderson, D.G., AS, Whang, P.G., Poelstra, K.A., Arnold, P.M., Defillipo, J., IM, SH: The Adoption of a New Classification System: Time-Dependent Variation in Inter-observer Reliability of the Thoracolumbar Injury Severity Score Classification System. Spine 32:E105-E110, 2007
- Scuderi, G.J., Brusovanik, G.V., Golish, R., DeMeo, R., Hyde, J., Hallab, N., **Vaccaro, A.R.**: A Critical Evaluation of Discography in Patients with Lumbar Intervertebral Disc Disease. The Spine Journal, 8:624-629, 2008
- Ratliff, J., **Vaccaro, A.R.** (2008). "Perioperative complications of minimally invasive surgery (MIS): comparison of MIS and open interbody fusion techniques." Surgical technology international **17**: 281.
- Bono, C., **Vaccaro, A.R.**: Interspinous Process Devices in the Lumbar Spine. J Spinal Disord Tech. 2007 May;20(3):255-61.
- White, A.P., Maak, T.G., Prince, D., **Vaccaro, A.R.**, Albert, T.J., Hilibrand, A.S., Grauer, J.N.: Osteogenic Protein-1 Induced Gene Expression: Evaluation in a Posterolateral Pseudarthrosis Model. Spine 31:2550-2555, 2006
- Lim, M.R., **Vaccaro, A.R.**, Lee, J.Y., Zeiller, S.C., Jacoby, S., SanFilippo, J., Oner, F.C., Hulbert, R.J., Fehlings, M.G., Arnold, P., Harrop, J.S., Bono, C.M., Anderson, P.A., Anderson, D.G., Baron, E.M.: The thoracolumbar injury severity scale and score (TLISS): inter-physician and inter-disciplinary validation of a new paradigm for the treatment of thoracolumbar spine trauma. Escala e pontuacao da gravidade dos traumatismos da coluna toracolombar. Coluna/Columna 5:157-164, 2006
- Oguz, E., Sahirlioglu, A., Altinmakas, M., Ozturk, C., Komurcu, M., Solakoglu, C., **Vaccaro, A.R.**: A new classification and guide for surgical treatment of spinal tuberculosis. Int Orthop. 2008 Feb;32(1):127-33. Epub 2007 Jan 6.
- Ratliff, J., Sharan, A., Bagan, B., Harrop, J., Patel, N., Maltenfort, M., Vadera, S., **Vaccaro, A.R.**: Obesity and Spine Surgery: Relation to Perioperative Complications. J Neurosurg Spine. 2007 Apr;6(4):291-7.
- Kurd, M.F., Patel, D., Norton, R., Picetti, G., **Vaccaro, A.R.**: Nonoperative treatment of symptomatic spondylolysis. J Spinal Disord Tech. 2007 Dec;20(8):560-4.
- Furlan, J.C., Fehlings, M.G., Massicotte, E.M., Aarabi, B., **Vaccaro, A.R.**, Bono, C.M., Madrazo, I., Villaneueva, C., Grauer, J.N., Mikulis, D.: A quantitative and reproducible method to assess cord compression and canal stenosis after cervical spine trauma: A study of inter-rater and intra-rater reliability. Spine 32: 2083-2091, 2007
- Albert, T.J., Hilibrand, A., Anderson, D.D.A., **Vaccaro, A.R.**: Short-Term Comparison of Cervical Fusion with Static and Dynamic Plating using Computerized Quantitative Motion Analysis. Spine (Phila Pa 1976). 2007 Jun 1;32(13):E371-5.
- Whang, P.G., **Vaccaro, A.R.**, Poelstra, K.A., Patel, A.A., Anderson, D.G., Albert, T.J., Hilibrand, A.S., Harrop, J.S., Sharan, A.D., Ratliff, J.K., Hulbert, J., Anderson, P., Aarabi, B., Sekhorn, L.H.S., Gahr,

- R., Carrino, J.A.: The influence of fracture mechanism and morphology on the reliability and validity of two novel thoracolumbar injury classification systems. *Spine*, 32:791-795. 2007
- White, A.P., Brothers, J.G., Brown, Z.B., Vaccaro, A.R.: Surgical techniques to maximize safety of bone morphogenetic proteins in the cervical spine. *Minerva Ortopedica e Traumatologica* 58: 271 (2007)
 - White, A.P., Vaccaro, A.R., Hall, J.A., Whang, P.G. Friel, B.C., McKee, MD. (2007). "Clinical applications of BMP-7/OP-1 in fractures, nonunions and spinal fusion." *International orthopaedics* 31(6): 735-741.
 - Fasset, D., Harrop, J., Sharan, A., Albert, T.J., Hilibrand, A., Anderson, D.G., **Vaccaro, A.R.**: Mortality of Geriatric Spinal cord injury. *J Neurosurg Spine*. 2007 Sep;7(3):277-81.
 - Kim, D.H, **Vaccaro, A.R.**, Affonso, J., Jenis, L., Hilibrand, A.S.: Early predictive value of supine and upright x-ray films of odontoid fractures treated with halo-vest immobilization. *The Spine Journal*, 8:612-618, 2008.
 - **Vaccaro, A.R.**, Whang, P.G., Patel, T., Phillips, F.M., Anderson, D.G., Albert, T.J., Hilibrand, A.S., Brower, R.S., Kurd, M.F., Appannagari, A., Patel, M., Fischgrnd, J.S.: The Safety and Efficacy of OP-1 (rhBMP-7) as a Replacement for Iliac Crest Autograft for Posterolateral Lumbar Arthrodesis: Minimum 4-Year Follow-Up of a Pilot Study. *The Spine Journal*, 8:457-465, 2008.
 - Smith, H.E., Rynning, R.E., Okafor, C., Zaslavsky, J., Tracy, J.L., Ratliff, J., Harrop, J., Albert, T.J., Hilibrand, A., Anderson, G., Sharan, A., Brown, Z., **Vaccaro, A.R.**: Evaluation of neurologic deficit without apparent cause: The importance of a multidisciplinary approach. *The Journal of Spinal Cord Medicine*, 30, 509-517, 2007
 - Dvorak, M.F., Fisher, C.G., Aarabi, B., Harris, M.B., Hubert, J., Rampersaud, R., **Vaccaro, A.R.**, Harrop, J.S., Nockels, R.P., Madrazo, I.N., Schwartz, D., Kwon, B.K., Zhao, Y., Fehlings, M.G.: Clinical Outcomes of Ninety Isolated Unilateral Facet Fractures, Subluxations, and Dislocations Treated Surgically and Non-operatively. *Spine*, 30:3007-3013, 2007
 - Fasset, D., Dailey, A., **Vaccaro, A.R.**: Vertebral Artery Injuries Associated with Cervical Spine Injuries: A Review of the literature. *J Spinal Disord Tech*. 2008 Jun;21(4):252-8.
 - Anderson, P.A., Moore, T.A., Davis, K.W., Molinari, R.W., Resnick, D.K., **Vaccaro, A.R.**, Bono, C.M., Dimar, J.R., Aarabi, B., Leverson, G., and the Spine Trauma Study Group. Cervical Spine Injury Severity Score. Assessment of Reliability. *J.B.J.S.Am*. 89:1057-1065, 2007
 - Patel, A. P., Madigan, L., Poelestra, A. P., Whang, P.G., **Vaccaro, A.R.**, Harrop, J.S.: Acute Cervical Osteomyelitis and Prevertebral Abscess after Routine Tonsillectomy. *The Spine Journal*, 8:827-830, 2008
 - Elias, I., Pahl M.A., Zoga, A.C., Goins M.L., **Vaccaro, A.R.**: Recurrent Burner Syndrome Due to Presumed Cervical Spine Osteoblastoma in a Collision Sport Athlete: A Case Report. *Journal of Brachial Plexus and Peripheral Nerve Injury*. 2:13, 2007
 - Madigan, L., **Vaccaro, A.R.**, Lim, M.R., Lee, J.Y.: Bioabsorbable Interbody Spacers. Perspectives on Modern Orthopaedics. *J.A.A.O.S.* 15:274-280:2007
 - White, A.P., **Vaccaro, A.R.**, Zdeblick, T.: Counter Point: Physician relationships can be ethically established, and conflicts of interest can be ethically managed. *Spine* 32:553-557, 2007
 - Risbud, M.R., Guttapalli, A., Tsai, T.T., Lee, J.Y., Danielson, K.G., **Vaccaro, A.R.**, M.V., Albert, T.J., Gazit, Z., Gazit, D., Shapiro, I.M. : Evidence for skeletal progenitor cells in the degenerative human intervertebral disc. *Spine*, 32:2537-2544, 2007.
 - Schweitzer, K.M., **Vaccaro, A.R.**, Harrop, J.S., Hulbert, J., Carrino, J.A., Rehtine, G.R., Schwartz, D.G., Alanay, A., Sharma, D.K., Anderson, D.G., Lee, J.Y., Arnold, P.M.: Inter-rater reliability of identifying indicators of posterior ligamentous complex disruption when plain films are indeterminate in thoracolumbar injuries. *Journal of Orthopaedic Science*. 12, 437-442, 2007

- Whang, P.G. , Lim, M.R., Sasso, R.C., Skelton, A., Brown, Z.B., Anderson, D.G., Albert, T.J., Hilibrand, A.S., **Vaccaro, A.R.**, Financial Incentives for Lumbar Surgery: A Critical Analysis of Physician Reimbursement for Decompression and Fusion Procedures. *J Spinal Disorders*, 21:381-386, 2008
- Presciutti, S. **Vaccaro, A.R.**, Piccetti, G.: (2008). "Anomalous bronchial anatomy complicating one-lung ventilation for anterior correction of adolescent idiopathic scoliosis." *American journal of orthopedics (Belle Mead, NJ)* **37**(10): E171.
- Ratliff, J., Anand, N., **Vaccaro, A.R.**, Lim, M.R., Lee, J.W., Arnold, P., Harrop, J., Rampersaud, R., Bono, C.M., Gahr, R.H.:Regional Variability in Use of a Novel Assessment of Thoracolumbar Spine Fractures: United States versus International Surgeons. *World J Emerg Surg.* 2007 Sep 7;2:24.
- Bridwell, K.H., Anderson, P.A., Boden, S.D., **Vaccaro, A.R.**, Wang, J.C.: Specialty update. Whats new in Spine Surgery. *J. Bone Joint Surgery.* 89:1654-63, 2007
- **Vaccaro, A.R.**, Stubbs, H.A., Block, J.E.: Demineralized bone matrix composite grafting for posterolateral spinal fusion. *Orthopaedics*, 30:567-570, 2007
- Whang, P., O'hara, B.J., Ratliff, J., Sharan, A., Brown, Z., **Vaccaro, A.R.**: Pseudarthrosis Following Lumbar Interbody Fusion Using Bone Morphogenetic Protein-2 (BMP-2): Intraoperative and Histopathologic Findings. *ORTHOPEDICS* 31:1031-1034, 2008
- Patel, A.A., **Vaccaro, A.R.**, Martyak, G.G., Harrop, J.S., Albert, T.J., Ludwig, S.C., Youssef, J.A., Gelb, D.E., Mathews, H.H., Chapman, J.R., Chung,E.H., Grabowski, G., Kuklo, T.R., Hilibrand, A.S., Anderson, D.G.: Neurologic deficit following percutaneous stabilization. *Spine* 32:1728-1734, 2007
- Fassett, D., Harrop, J., **Vaccaro, A.R.**:MRI Evidence on magnetic resonance imaging of Brown-Sequard Spinal Cord Injury suffered Indirectly from a Gun Shot Wound: Case report. *J Neurosurgery Spine*, 8:286-287, 2008
- Lee, J.Y., **Vaccaro, A.R.**, Schweitzer, K.M., Lim, M.R., Baron, E.M., Ramersaud, R., Oner, F.C., Hulbert,R.J., Hedlund, R., Fehlings, M.G., Arnold, P., Harrop, J., Bono, C.M., Anderson, P.A., Patel, A., Anderson, D.G., Harris, M.B.:Assessment of injury to the thoracolumbar posterior ligamentous complex in the setting of normal-appearing plain radiography. *The Spine Journal.* 7:422-427, 2007
- Patel, A.A., Brodke, D.S., Pimento, L., Bono, C.M., A.S., Hilibrand, Harrop, J.S., Riew, K.D., Yousef, J.A.,**Vaccaro, A.R.**: Revision Strategies in Lumbar Total Disk Arthroplasty. *Spine* 33:1276-1283, 2008
- Fassett, D.R., Kurd, M.F., **Vaccaro, A.R.**:Biological Solutions for Degenerative Disk Disease. *J. Spinal Disorders Techniques.* 22:297-308, 2009
- Sahni, D. Harrop, J., **Vaccaro, A.R.**:Exophytic Intramedullary Meningioma of the Cervical Spinal Cord: Case report. *J Clin Neurosci.* 2008 Oct;15(10):1176-9. Epub 2008 Aug 16.
- Harrop, J.S., Jeyamohan, S., Sharan, A., Ratliff, J., Flanders, A., Maltenfort, M., Falowski, S., **Vaccaro, A.R.**:Acute Cervical Fracture or Congenital Spinal Deformity? *J Spinal Cord Med.* 2008;31(1):83-7.
- **Vaccaro, A.R.**, Fehlings, M.G.: The applicability of clinical equipoise and sham surgery in patients with symptomatic lumbar radiculopathy due to a herniated disc. *The SPORT Trial.* *Spine* 32: 2039-2040, 2007
- Patel, A.A., Whang, P.G, Brodke, D.S., Agarwal, A., Hong, J., Fernandez, C.,**Vaccaro, A.R.**:Evaluation of two novel thoracolumbar trauma classification systems. *Indian Journal of Orthopaedics.* 41:322-326, 2007
- Arnold, P.M., Brodke, D.S., Rampersaud, Y.R., Harrop, J.S., Dailey, A.T., Shaffrey, C.I., Grauer, J.N., Dvorak, M.S., Bono, C.M., Wilsey, J.T., Lee, J.Y., Nassr, A., **Vaccaro, A.R.**:Differences between Neurosurgeons and Orthopaedic Surgeons in Classifying Cervical Dislocation Injuries and Making

Assessment and Treatment Decisions: A Multicenter Reliability Study. *The American Journal of Orthopedics*. E156-E161, 2009

- Stadhouders, A., Buskens, E., de Klerk, L.W., Verhaar, J.A., Dhert, W.A., Verbout, A.J., **Vaccaro, A.R.**, Oner, F.C.: Traumatic thoracic and lumbar spinal fractures: operative or non-operative treatment. Comparison of two treatment strategies by means of surgeon equipoise. *Spine*. 33:1006-1017, 2008
- Nassr, A., Lee, J.Y., Dvorak, M.F., Harrop, J.S., Dailey, A.T., Shaffrey, C.I., Arnold, P.M., Brodke, D.S., Rampersaud, R., Grauer, J.N., Winegar, C., **Vaccaro, A.R.**: Variations in surgical treatment of cervical facet dislocations. *Spine* 33:E188-93, 2008
- Stadhouders, A., Oner, F.C., Wilson, K.W., **Vaccaro, A.R.**, Williamson, O.D., Verbout, A.J., Verhaar, J.A., de Klerk, L.W.L, Buskens, E.: Surgeon equipoise as an inclusion criterion for the evaluation of nonoperative versus operative treatment of thoracolumbar spinal injuries. *Spine J.* 2008 Nov-Dec; 8(6):975-81. Epub 2008 Feb 8.
- Whang, P.G., **Vaccaro, A.R.**: Thoracolumbar fracture: posterior instrumentation using distraction and ligamentotaxis reduction. *Surgical techniques. J. Amer. Acad. Orth. Surg.* 15:695-701. 2007
- Dvorak, M.F., Fisher, C.G., Fehlings, M.G., Rampersaud, Y.R., Oner, F.C., Aarabi, B., **Vaccaro, A.R.**: Surgical approach to subaxial cervical spine injuries. An evidence based algorithm based on the SLIC classification system. *Spine* 32:2620-2629, 2007
- Rihn, J.A., Anderson, D.T., Harris, E., Lawrence, J., Jonsson, H., Wilsey, J., Hulbert, J., **Vaccaro, A.R.**: A review of the TLICS system: A Novel User-Friendly Thoracolumbar Trauma Classification System. *Acta Orthopaedica.* 79:461-466, 2008.
- Grauer JN, Vaccaro AR, Lee JY, Nassr A, Dvorak MF, Harrop JS, Dailey AT, Shaffrey CI, Arnold PM, Brodke DS, Rampersaud R. The timing and influence of MRI on the management of patients with cervical facet dislocations remains highly variable: A survey of members of The Spine Trauma Study Group. *Spinal Disord and Tech* 22:96-99, 2009.
- White, A.P., Schweitzer, K.M., **Vaccaro, A.R.**: Osteogenic Protein-1 (OP-1) as a replacement for iliac autograft in lumbar posterolateral spinal fusion: overview and review of preclinical and clinical studies. *Coluna/Columna (journal of Brazilian Spine Society)* 7:86-94, 2008
- Goldberg, G., Albert, T.J., **Vaccaro, A.R.**, Hilibrand, A.S., Anderson, D.G., Wharton, N.: Short-term comparison of cervical fusion with static and dynamic plating using computerized motion analysis. *Spine* 32, E371-5, 2007
- Torina, P.J., Flanders, A.E., Carrino, J.A., Burns, A.S., Friedman, D.P., Harrop, J.S., **Vaccaro, A.R.**: Incidence of Vertebral artery thrombosis in Cervical Spine Trauma: Correlation with Severity of Spinal Cord Injury. *American Journal Neuroradiology.* 26:2645-2651, 2005.
- Campbell, P.G., Birknes, J.K., Sharan, A.D., Harrop, J.S., **Vaccaro, A.R.**, Ratliff, J.K.: Hemorrhage into an occult spinal ependymoma after epidural anaesthesia.: *The Open Journal.* 3:18-20, 2008
- Smith, H.E., Welsch, M.D., Sasso, R.C., **Vaccaro, A.R.**: Comparison of radiation exposure in lumbar pedicle screw placement with fluoroscopy Vs computer-ssisted image guidance with intraoperative three dimensional imaging. *J. Spinal Cord Medicine.* 31:532-537, 2008
- Harrop, J.S., Youssef, J.A., Maltenfort, M., Vorwald, P., Jabbour, P., Bono, C.M., Goldfarb, N., **Vaccaro, A.R.**, Hilibrand, A.S.: Lumbar Adjacent Segment Degeneration and Disease after Arthrodesis and Total Disc Arthroplasty. *Spine*, 33:1701-1707, 2008
- Skolasky, R.L., Albert, T.J., **Vaccaro, A.R.**, Riley, III L.H.: Patient satisfaction in the Cervical Spine Research Society Outcomes Study: relationship to improved clinical outcome. *The Spine Journal,* 9:232-239, 2009
- Sanfilippo, J.A., Winegar, C.D., Harrop, J.S., Albert, T.J., **Vaccaro, A.R.**: All-Terrain Vehicles and Associated Spinal Injuries. *Spine* 33: 1982-1985, 2008
- Bono, C., Kadaba, M., **Vaccaro, A.R.**: Posterior Pedicle Fixation-Based Dynamic Stabilization Devices

- for the Treatment of Degenerative Diseases of the Lumbar Spine. *J Spinal Disord Tech.* 2009 Jul;22(5):376-83.
- Yadla, S., LeBude, B., Tender, G.C., Sharan, A.D., Harrop, J.S., Hilibrand, A.S, **Vaccaro, A.R.**, Ratliff, J.K.:Traumatic Spondyloptosis of the thoracolumbar spine. *J Neurosurgical Spine* 9:145-151, 2008
 - Elgafy, H., Dvorak, M.F., **Vaccaro, A.R.**, Ebraheim, N.:Treatment of displaced type II odontoid fractures in elderly patients. *The American J.Orthopaedics* XXXVIII:410-416, 2009
 - Smith, H., **Vaccaro, A.R.**:Trends in Surgical Techniques for Type II Odontoid Fracture Management: Twenty Years of Experience at a Regional Spinal Cord Injury Center. *Orthopedics.* 2008 Jul;31(7):650.
 - Henderson, F.C., Mott, S., Wilson, W., Armstrong, P., Schmidt, K., Molzahn, I., **Vaccaro, A.**:Correlation of abnormal Biomechanical Stress within the brainstem and spinal cord with altered neurological function before and after craniospinal reduction, fusion and stabilization in children: Presentation of a case cohort series. (Accepted with revision *Neurosurgery*) 2008
 - Goyal, N., Wimberly, D.W., Hyatt, A., Zeiller, S., **Vaccaro, A.R.**, Hilibrand, A.S., Albert, T.J.: Radiologic and Clinical Outcomes Following Instrumented Reduction and Transforaminal Lumbar Interbody Fusion of Mid and High-Grade Spondylolisthesis. *J. Spinal Dis*, 22:321-327, 2009
 - Naroji, S., Belin, L.J., Maltenfort, M.G., **Vaccaro, A.R.**, Schwartz, D., Harrop, J.S., Weinstein, M.: Vulnerability of the Femoral nerve during complex anterior and posterior spinal surgery. *J Spinal Cord Medicine.* 32:432-435. 2009
 - Smith, H.E., Welsch, M.D., Sasso, R.C., **Vaccaro, A.R.**: Comparison of Radiation Exposure in Lumbar Pedicle Screw Placement with Fluoroscopy versus Computer Assisted Image Guidance with Intraoperative 3D Imaging. *J Spinal Cord Med.* 2008;31(5):532-7.
 - Fayssoux, R.S., Tally, W., Sanfilippo, J.A., Stock, G., Ratliff, J.K., Anderson, G., Hilibrand, A.S., Albert, T.J., **Vaccaro, A.R.**:Spinal injuries after falls from hunting tree stands. *The Spine Journal* 8, 522-528, 2008
 - Whang, P.G., **Vaccaro, A.R.**:Thoracolumbar fractures: Anterior decompression and interbody fusion. *J. American Academy Orthopaedic Surgeons.* 16:424-431,2008
 - Bridwell, K.H., Anderson, P.A., Boden, S.D., **Vaccaro, A.R.**, Wang, J.C.: What's new in spine surgery. *J. Bone Joint Surgery Am*, 90:1609-1619, 2008
 - Madigan, L., **Vaccaro, A.R.**, A., Spector, L., Milam, R.A.: Management of Symptomatic Lumbar Degenerative Disk Disease. *J. Am. Acad. Orth. Surg.* 17:102-111, 2009
 - Dailey, A., Lee, J., **Vaccaro, A.R.**:The Utility of Helical CT in Differentiating Unilateral and Bilateral Facet Dislocations. *J Spinal Cord Medicine.* 2009;32(1):43-8.
 - Jeyamohan, S., Harrop, J.S., **Vaccaro, A.R.**, Sharan, A.D. :Athletes returning to play after cervical spine or neurobrachial injury. *Current Review in Musculoskeletal Medicine.* Published Online August 26, 2008.. doi: [10.1007/s12178-008-9034-3](https://doi.org/10.1007/s12178-008-9034-3)
 - Winegar, C.D., Rihn, J.A., Hong, J., Fernandez, C., Friel, B., **Vaccaro, A.R.**: Contemporary posterior occipitalcervical fixation techniques. *Current Orthopaedic Practice.* A review and research journal. 19:398-406, 2008
 - Ponnappan, R., **Vaccaro, A.R.**: Biomechanical evaluation and Comparison of Polyetheretherketone Rod System to Traditional Titanium Rod Fixation. *The Spine Journal.* 2009 Mar;9(3):263-7. Epub 2008 Oct 1.
 - Brandoff, J.F., Silber, J.S., **Vaccaro, A.R.**: Contemporary alternatives to synthetic bone grafts for spinal surgery. *American Journal of Orthopaedics.* 37:410-414, 2008
 - Harrop, J.S., Jeyamohan, S.B., Sharan, A., Ratliff, J., **Vaccaro, A.R.**: Iliac bolt fixation:An anatomic approach. *J. Spinal Disorders and Techniques.* 22:541-544, 2009
 - Barrey, C., **Vaccaro, A.R.**: Biomechanical Evaluation of Pedicle Screw-Based Dynamic Stabilization

Devices for the Lumbar Spine: a systematic review. SAS Journal. 2:130-141. 2008

- Pressutti, S., **Vaccaro, A.R.**, Marchetto, P., Deluca, P.: Correlation of cervical canal size with player position in American Football. ORTHOPEDICS November 008;31(11):1095.
- Lee, J.Y., Eck, J.C., A., **Vaccaro, A.R.**: Controversies in the Treatment of Cervical Spine Dislocations. Spine J. 2009 May;9(5):418-23. Epub 2009 Feb 23. Review.
- Ponnappan, R.K., Serhan, H., Zarda, B., Patel, R., Albert, T.J., **Vaccaro, A.R.**: Biomechanical evaluation and comparison of polyetheretherketone rod system to traditional titanium rod fixation. The Spine Journal. 2009 Mar;9(3):263-7. Epub 2008 Oct 1.
- Brusovanik, G., Gaetano J. Scuderi, G.J., Demeo, R.F., **Vaccaro, A.R.**: Symptomatic Pseudarthrosis of a Traumatically Disrupted Congenital Lumbar Transverse Process- Ilium Fusion (Richards Disease) Treated Successfully With Steroid Injections:A Case Report. Physical Medicine and Rehabilitation. PM R. 2009 Mar;1(3):281-3.
- Jabbour, P., Harrop, J., **Vaccaro, A.R.**, Fehlings, M.: Traumatic spine injuries to the elderly or Geriatric population. Neurosurg Focus. 2008;25(5):E16.
- Presciutti, S., M., Schweitzer, K.M., DeLuca, P., Marchetto, P., Wilsey, J.T., **Vaccaro, A.R.**: Assessment of cervical spinal canal geometry by football position in athletes in the NFL scouting combine. Orthopaedics.31:1095, 2008
- Moon, S-M., Ingalhalikar, A., Highsmith, J.M., **Vaccaro, A.R.**:Biomechanical rigidity of an all polyetheretherketone anterior thoracolumbar spinal reconstruction construct: an in-vitro corpectomy model. The Spine Journal, 9: 330-335, 2009
- Ratliff, J., **Vaccaro, A.R.**:Clinical Survey: Patterns of utilization of Lumbar Epidural Steroid Injections by a Cohort of Spinal Surgeons. Accepted Physical Medicine and Rehabilitation. Physical Medicine and Rehabilitation, 2009, 1: 329-334.
- Rihn, J., **Vaccaro, A.R.**:Commentary: Thoracolumbar burst fractures treated with posterior decompression and pedicle screw instrumentation supplemented with balloon-assisted vertebroplasty and calcium phosphate reconstruction. J. Bone Joint Surg. Am., 91: 20, 2009
- Wing, P.C., Dalsey, W.C., Alvarez, E., Bombardier, C.H., Burns, S.P., Fitzpatrick, M.K., Green, D., Huff, J.S., Kincaid, M.S., Lucke, K.T., Napolitano, L.M., Poelestra, K.A., **Vaccaro, A.R.**, Wilberger, J.E., Wuermser, L.A: Early Acute Management in Adults with Spinal Cord Injury, Consortium for Spinal Cord Medicine Clinical Practice Guideline. Spinal Cord Medicine. Journal of Spinal Cord Medicine. 31:403-479, 2008
- Patel, A.A., Dailey, A., Brodke, D.S., Daubs, M., Anderson, P.A., Hurlbert, R.J., **Vaccaro, A.R.**: Subaxial cervical spine trauma classification: the subaxial injury classification system and case examples.: Neurosurgery Focus 25:E8, pp1-8, 2008
- Jabbour, P., Fehlings, M., **Vaccaro, A.R.**, Harrop, J.S.:Traumatic spine injuries in the geriatric population. Neurosurgery Focus 25: E16, pp 1-7, 2008
- Smith, H.E., Kerr, S.M., Maltenfort, M., Chaudhry, S., Norton, R., Albert, T.J., Harrop, J., HilibrND, a.s., Anderson, G., Kopjar, B., Brodke, D.S., Wang, J.C., Fehlings, M.G., Chapman, J.R., Patel, A., Arnold, P.M., **Vaccaro, A.R.**: Early complications of surgical versus conservative treatment of isolated type II odontoid fractures in octogenarians. J. Spinal Disord Tech. 21:535-539. 2008
- Su, B., **Vaccaro, A.R.**: An Anatomic and Radiographic Study of Lumbar Facets Relevant to Percutaneous Transfacet Fixation. Spine (Phila Pa 1976). 2009 May 15;34(11):E384-90.
- **Vaccaro, A.R.**, Lawrence, J.P., Patel, T., Katz, L.D., Anderson, D.G., Fischgrund, J.S., Krop, J., Fehlings, M.G., Wong, D.: The safety and efficacy of OP-1 (rh-BMP) as a replacement for iliac crest autograft in posterolateral lumbar arthrodesis. A long-term (>4 years) pivotal study. Spine 26:2850-2862, 2009.
- Ploumis, A., Ponnappan, R.K., Bessy, J.T., Patel, R., **Vaccaro, A.R.**:Thromboprophylaxis in spinal trauma surgery: consensus among spine trauma surgeons. The Spine Journal.9:530-536, 2009

- Lebude, B., Yadla, S., Albert, T.J., Anderson, G.D., Harrop, J.S., Hilibrand, A., Maltenfort, M., Sharan, A., **Vaccaro, A.R.**, Ratliff, J.K.: Defining "complications" in spine surgery: Neurosurgery and orthopedic spine surgeon's survey. *J. Spinal Disorders Techniques*, 23:493-500, 2010
- Presciutti, S., **Vaccaro, A.R.**, Schweitzer, M., DeLuca, P., Marchetto, P., Wilsey, J.T.: The mean subaxial space available for the cord index as a novel method of measuring cervical spine geometry to best predict for the chronic stinger syndrome in American football players. Accepted *J. Neurosurgery Spine*. 2009
- Su, B.W., Kim, P.D., Cha, T.D., Lee, J., April, E.W., Weidenbaum, M., **Vaccaro, A.R.**: An Anatomical Study of the Mid-Lateral Pars Relative to the Pedicle Footprint in the Lower Lumbar Spine. *Spine*, 13:1355-1362, 2009.
- Rihn, J., **Vaccaro, A.R.**: Point of View: Postoperative radiculitis following minimally invasive transforaminal lumbar interbody fusion (TLIF). *Spine*. 2009;34(14):1485.
- Bridwell, K.H., Anderson, P.A., Boden, S.D., **Vaccaro, A.R.**, Wang, J.C.: Specialty update. Whats new in Spine Surgery. *J. Bone Joint Surgery*. 91:1822-34, 2009
- Harrop, J., **Vaccaro, A.R.**: Traumatic Thoracic ASIA A Examinations and Potential for Clinical Trials. *Spine*. *Spine (Phila Pa 1976)*. 2009 Nov 1;34(23):2525-9.
- Harrop, J.S., Naroji, S., Maltenfort, M.G., Ratliff, J.K., Tjoumakaris, S.I., Frank, B., D. Greg Anderson, D.G., Albert, T., **Vaccaro, A.R.**: Neurologic Improvement After Thoracic, Thoracolumbar, and Lumbar Spinal Cord (Conus Medullaris) Injuries. *Spine* 36; 21-25; 2010
- Whang, P.G., Goldberg, G., Lawrence, J.P., Hong, J., Harrop, J.S., Anderson, D.G., Albert, T.J., **Vaccaro, A.R.**: The management of spinal injuries in patients with ankylosing spondylitis or diffuse idiopathic skeletal hyperostosis. *J. Spinal Disord. Tech.* 22:77-,85, 2009
- Rihn, J., **Vaccaro, A.R.**, Fisher, C. et al.: Injury of the Posterior Ligamentous Complex of the Thoracolumbar Spine: A Prospective Evaluation of the Diagnostic Accuracy of MRI. *Spine (Phila Pa 1976)*. 2009 Nov 1;34(23):E841-7.
- Patel, A., **Vaccaro, A.R.**: Thoracolumbar Spine Trauma Classification. Accepted *Journal American Academy of Orthopaedic Surgeons* 18:63-71. 2010.
- Taghipoor, K.D., Arejan, R.H., Rasouli, M.R., Saadat, S., Moghadam, M., **Vaccaro, A.R.**, Rahimi-Movaghar, V.: Factors associated with pressure ulcers in patients with complete or sensory only preserved spinal cord injury: is there any difference between traumatic and nontraumatic causes? *J Neurosurgery*. 11:438-444, 2009
- Ploumis, A., Ponnappan, R.K., Maltenfort, M.G., Patel, R.X., Bessey, J.T., Albert, T.J., Harrop, J.S., Fisher, C.G., Bono, C.M., **Vaccaro, A.**: Thromboprophylaxis in Patients with Acute Spinal Injuries: An Evidence-based Analysis. *J Bone Joint Surg Am*. 2009 Nov;91(11):2568-76.
- Ploumis, A., Ponnappan, R.K., Sarbello, J., Dvorak, M., Fehlings, M.G., Baron, E., Anand, N., Okonwko, D.O., Patel, A., **Vaccaro, A.R.**: Thromboprophylaxis in traumatic and elective spinal surgery: analysis of questionnaire response and current practice of spine trauma surgeons. *Spine* 35: 323-320, 2010
- Nasser, R., Yadla, S., Maltenfort, M.G., Harrop, J.S., Anderson, D.G., **Vaccaro, A.R.**, Sharan, A.D., Ratliff, J.K.: Complications in spine surgery: A review. *J. Neurosurgery Spine* 13:144-157; 2010.
- Rihn, J.A., Anderson, D.T., Lamb, K., DeLuca, P.F., Bata, A., Marchetto, P.A., Neves, N., **Vaccaro, A.R.**: Cervical spine injuries in American football. *Sports Medicine*, 39:1-13, 2009
- Hwang, C.J., **Vaccaro, A.R.**, Lawrence, J.P., Hong, J., Schellekens, H., Alaoui-Ismaïli, M., H., Falb, D.: Immunogenicity of bone morphogenetic proteins: a review. *J Neurosurgery Spine* 10:443-451, 2009
- Rihn, J.A., Fisher, C., **Vaccaro, A.R.**: Assessment of the posterior ligamentous complex following acute cervical spine trauma: A prospective comparison of preoperative MRI and intraoperative

- findings. *J Bone Joint Surg Am.* 2010 Mar;92(3):583-9.
- Schoen, Wood, K.B., Harris, M.B., Bono, C.M., Fisher, C., Fehlings, M., , Oner, F.C., Bouchard. K., Arnold, P., Sekhorn, **Vaccaro, A.R.:** **Post-traumatic Kyphosis: Current State of Diagnosis and Treatment.** *J Spinal Disord Tech.* 2010 Oct;23(7):e1-8.
 - Rihn, J.A., Patel, R., Makda, J., Hong, J., Anderson, D.G., **Vaccaro, A.R., Hilibrand, A.S., Albert, T.J.:** **Complications associated with single-level transforaminal lumbar interbody fusion.** *The Spine Journal* 9:623-629, 2009
 - Rahimi-Movaghar, V., Soheil Saadat, S., **Vaccaro, A.R.,** Ghodsi, S.M., Samadian, M., Sheykhmozaaffari, A., Safdari, S.M., Keshmirian, B.: The efficacy of surgical decompression before 24 hours versus 24 to 72 hours in patients with spinal cord injury from T1 to L1 - with specific consideration on ethics: a randomized controlled trial. *biomedcentral.*
<http://www.trialsjournal.com/content/10/1/77> 10:17 2009
 - Rahimi-Movaghar, V., Saadat, S., Rasouli, M.R., Ganji, S., Ghahramani, M., Zarei, M.R.: **Vaccaro, A.R.:**Prevalence of spinal cord injury in Tehran, Iran. *J. Spinal Cord Medicine.* 32:428-431, 2009
 - Ploumis, A., Fehlings, M.G., Kwon, B.K., **Vaccaro, A.R.:** A systematic review of evidence supporting a role for vasopressor support in SCI. *Spinal Cord.* 48:356-362, 2010
 - Rahimi-Movaghar, V., Lakeh, M.M., Rasouli, M., **Vaccaro, A.R.:** Burden of spinal cord injury in Tehran, Iran *Spinal Cord.* *Spinal Cord.* Pp 1-6, 2009
 - Freedman, M.K., Hilibrand, A.S., Blood, E.A., Zhao, W., Albert, T.J., **Vaccaro, A.R.,** Oleson, C.V., Morgan, T.S., Weinstein, J.N.:The Impact of Diabetes On the Outcomes of Surgical and Nonsurgical Treatment of Patients in the Spine Patient Outcomes Research Trial. *Spine,* 36:290-307, 2011
 - Smith, H.E., Kerr, S.M., Fehlings, M.G., Chapman, J., Maltenfort, M., Zavlasky, J., Harris, E., Albert, T.J., Harrop, J., Hilibrand, A.S., Anderson, D.G.,**Vaccaro, A.R.:** Trends in Epidemiology and Management of Type II Odontoid Fractures: 20 year experience at a Model System Spine Injury Tertiary Referral Center. *J. Spinal Disorders Tech.* 23:501-505, 2010
 - Rihn, J.A., Yang, N., Fisher, C., Saravanja, D., Smith, H., Morrison, W.B., Harrop, J., **Vaccaro, A.R.:** Using magnetic resonance imaging to accurately assess injury to the posterior ligamentous complex of the spine: A prospective comparison of the surgeon and radiologist. *Clinical article. Journal Neurosurgery: Spine* 12:391-396, 2010
 - Cuellar, V.G., Cuellar, J.M., **Vaccaro, A.R.,** Carragee, E.J., Scuderi, G.J.:Accelerated Degeneration after Failed Cervical and Lumbar Nucleoplasty.*J. Spinal Disorders Tech.* 23:521-524, 2010
 - Ploumis, A., Ponnappan, R.K., Maltenfort, M.G., Patel, R.X., Bessey, B.S., Albert, T.J., Harrop, J.S., Fisher, C.G., Bono, C.M., **Vaccaro, A.R.:** Thromboprophylaxis in patients with acute spinal injuries: An evidence-based analysis. *J.B.J.S.* 91:2568-2577, 2009
 - Harrop, J.S., Naroji, S., Maltenfort, M., Anderson, D.G., Albert, T.J., Ratliff, J.K., Ponnappan, R.K., Rihn, J.A., Smith, H.E., Hilibrand, A.S., Sharan, A.D., **Vaccaro, A.R.:** Cervical Myelopathy: A Clinical and Radiographic Evaluation and Correlation to Cervical Myelopathy. *Spine* 35:620-624. 2010
 - Maltenfort, M., Harrop, J.S., **Vaccaro, A.R.:** Correlation of C2 Fractures and Vertebral Artery Injury. *Spine (Phila Pa 1976).* 2010 May 20;35(12):E520-4.
 - Dimar, J., Okonkwo, D. O., Dvorak, M., Fehlings, M., Fisher, C., **Vaccaro, A.R.,** Rampersaud, R.: Predictors of complications after spinal stabilization of thoracolumbar spine injuries. *J Trauma.* 2010 Dec;69(6):1497-500.
 - Lee, J.Y., Hohl, J.B., Fedorka, C., **Vaccaro. A.R.:** (2011). "Surgeons Agree to Disagree on Surgical Options for Degenerative Conditions of the Cervical and Lumbar Spine." *Spine* 36(3): E203.
 - Patel, A., Whang, P., White, A.,P., Fehlings, M.G., **Vaccaro, A.R.:**Pitfalls in the Publication of Scientific Literature: A Road-Map to Manage Conflict of Interest and other Ethical Challenges. *J Neurosurgery Spine,* 114:21- 2011

- White, A.P, Hashimoto, R., Norvell, D.C., **Vaccaro, A.R.**: Morbidity and Mortality Related to Odontoid Fracture Surgery in the Elderly Population. Spine 35:S146-157, 2010
- Barzilay, Y., **Vaccaro, A.R.**: Assessing the Outcomes of Spine Surgery using Global Positioning Systems. Spine (Phila Pa 1976). 2011 Feb 15;36(4):E263-7.
- Bono, R., Rampersaud, R., Levi, A., Grauer, J., Arnold, P., Fehlings, M., Dvorak, M., **Vaccaro, A.R.**: Reproducibility of Radiographic Measurements for Subaxial Cervical Spine Trauma. Accepted Spine 2010
- Harrop, J.S., Anderson, P., Patel, A., Kuklo, T., Dimar, J., Aarabi, B., MD, Dailey, A., **Vaccaro, A.R.**, Gahr, R., Shaffrey, C., Anderson, D.G., Rampersaud, R.: Reliability and Reproducibility of SCIDS (Subaxial Cervical Injury Description System): A Standardized Nomenclature Schema. Spine. 2009;9(10):925
- Anderson, D.G., Patel, A., Maltenfort, M., **Vaccaro, A.R.**, Ratliff, J., Hilibrand, A., Harrop, J.S., Sharan, A.D., Ponnappan, R.K., Rihn, J.: Lumbar Decompression using a Traditional Midline Approach vs. a Tubular Retractor System: Comparison of Patient-based Clinical Outcomes. Spine (Phila Pa 1976). 2011 Mar 1;36(5):E320-5.
- Ratliff, J., **Vaccaro, A.R.**: Obesity and Spine Surgery: Reassessment Based upon a Prospective Evaluation of Perioperative Complications in Elective Degenerative Thoracolumbar Procedures. Accepted The Spine Journal 2010
- **Vaccaro, A.R.**, Fisher, C.G.: [Evidence and Impact: Should These Articles Change the Practice of Spine Care? An Evidence-Based Medicine Process.](#) Spine 35:E176-177, 2010
- **Vaccaro, A.R.**, Fisher, C.G., Whang, P.G., Patel, A.A., Prasad, S.K., Angevine, P.D., Mulpari, K., Thomas, K.C.: [Evidence-Based Recommendations for Spine Surgery.](#) Spine 35:E178-188, 2010
- **Vaccaro, A.R.**: Pedicle versus Lateral Mass Screws. Editorial. J. Neurosurgery Spine 13:686-687, 2010.
- Arnold, P., **Vaccaro, A.R.**: Surgical Treatment of Patients with Cervical Myeloradiculopathy and Co-Existing Multiple Sclerosis: Report of 15 Patients with Long-Term Follow-up. J Spinal Disord Tech. 2010 Jul 14.
- Hwang C.J., Warren R.K., Anderson K.K., **Vaccaro, A.R.** Hong J, Lawrence JP, Fischgrund JS, Alaoui-Ismaili MH, Falb D.: Immunogenicity of OP-1 (rhBMP-7) - Results from a Prospective, Randomized, Controlled, Multicenter, Pivotal Study in Uninstrumented Lumbar Posterolateral Fusions. J Neurosurg Spine. 2010 Oct;13(4):484-93.
- Campbell, P.G., Malone, J., Yadla, S., Chitale, R., Nasser, R., Maltenfort, M.G., **Vaccaro, A.R.**, Ratliff, J.K.: Comparison of ICD-9-based, retrospective, and prospective assessments of perioperative complications: Assessment of accuracy in reporting. J Neurosurg Spine. 2011 Jan;14(1):16-22.
- Henderson, F.C, Wilson, W.A., Mott, S., Mark, A., Schmidt, K., Berry, K. J., **Vaccaro, A.R.**, Benzel, E.: Deformative stress associated with an Abnormal Clivo-axial angle: a finite element analysis. Surgical Neurology International 1:30:2010
- Song, J.J., Barrey, C.Y., Ponnappan, R.K., Bessey, J.T., Shimer, A.L., **Vaccaro, A.R.**: Pedicle screw-based dynamic stabilization of the lumbar spine. Pan Arab J, Neurosurgery. 14:1-8, 2010.
- Bono, C.M., Schoenfeld, A.J., Anderson, P.A., Harrop, J.S., France, J., **Vaccaro, A.R.**, Dvorak, M., Fehlings, M.: Observer variability of radiographic measurements of C2 (axis) fractures. Spine 35:1206-1210, 2010
- Li J, Dumonski ML, Samartzis D, Hong J, He S, Zhu X, Wang C, **Vaccaro AR**, Albert TJ, Li M.: Coronal deformity correction in adolescent idiopathic scoliosis patients using the fulcrum bending radiograph: a prospective comparative analyses of the proximal thoracic, main thoracic, and thoracolumbar/lumbar curves. Eur Spine J. 2011 Jan;20(1):105-11.
- Li, J., Dumonski. M., Thalgot, J., Albert, T.J., **Vaccaro, A.R.**: A Multi-Center Study to Evaluate the Safety and Efficacy of a Stand Alone Anterior Carbon I/F Cage for Anterior Lumbar Interbody Fusion: Two-Year Results from a Food and Drug Administration Investigational Device Exemption Clinical

Trial. Accepted to Spine 2010

- Winegar, C.D., Lawrence, J.P., Friel, B.C., Fernandez, C., Hong, J., Maltenfort, M., Anderson, P.A., **Vaccaro, A.R.**: A systematic review of occipital cervical fusion: techniques and outcomes. *J Neurosurg Spine* 13:5-16, 2010
- Whang, P., **Vaccaro, A.R.**: The Development and Evaluation of the Subaxial Injury Classification Scoring System for Cervical Spine Trauma. *C.O.R.R.*, 469/ 723-/ 2011
- Movaghar, V., **Vaccaro, A.R.**, Mohammadi, M.: The efficacy of nonoperative and operative intervention in regards to motor recovery in the setting of cervical spinal cord injury. *Iran J Psychiatry*. 4:131-136, 2009
- Sarbello, J.F., Lipman, A.J., Hong, J., Lawrence, J., Bessey, J.T., **Vaccaro, A.R.**: Patient perception of outcomes following failed spinal instrumentation with polyetheretherketone rods and titanium rods. *Spine* 35:E843-848, 2010
- Bridwell, K.H., Anderson, P.A., Boden, S.D., **Vaccaro, A.R.**, Wang, J.C.: Specialty Update. What's new in spine surgery. *J.B.J.S. A* 92:2017-2028, 2010.
- Feihlings, M.G., Wilson, J.R., Dvorak, M.F., **Vaccaro, A.R.**, Fisher, C. G.: The challenges of managing spine and spinal cord injuries: An evolving consensus and opportunities for change. *Spine*. 35:S161-165, 2010
- Lenehan, B., Fisher, C.G., **Vaccaro, A.R.**, Fehlings, M., Aarabi, B., Dvorak, M.F.: The urgency of surgical decompression in acute central cord injuries with spondylosis without instability. *Spine*. 35:S180-186, 2010.
- Patel. A.A., Hulbert, R.J., Bono, C.M., Bessey, J.T., Yang, N., **Vaccaro, A.R.**: (2010). "Classification and Surgical Decision Making in Acute Subaxial Cervical Spine Trauma." *Spine* 35(21S): S228
- Rihn, J., **Vaccaro, A.R.**, Harrop, J.: Dysphagia following anterior cervical surgery: Controlled, prospective analysis. Accepted CORR. 2011
- Harvey, H.E., **Vaccaro, A.R.**: Spinal Cord Injury Associated with Type II Odontoid Fractures. Accepted CORR. 2011
- Carrino, J.A., Campbell, P.D., Lin, D.C., Morrison, W.B., Schweitzer, M.E., Flanders, A.E., Eng, J., **Vaccaro, A.R.**: The effect of spinal segment variants on numbering vertebral levels using lumbar MRI. April 2011 *Radiology*, 259, 196-202.
- **Vaccaro, A.R.**: The use of bioabsorbable implants in the treatment of type II odontoid fractures. Editorial. Accepted *J. Neurosurgery Spine* 2010.
- **Vaccaro, A. R.**, Rihn, J. A., Ryan, D. F., Tucker, W. S., Mandell, P. J., Blackett, W. B.: Medical expert testimony. *Journal of Bone and Joint Surgery A*, 92(15), e24.1-4., 2010
- Kubben, P.L., van Santbrink, H., Cornips, E.M.J., **Vaccaro, A.R.**, Dvorak, M.F., van Rhijn, L.W., Scherpbier, A.J.J.A., Hoogland, H. (2011). "An evidence-based mobile decision support system for subaxial cervical spine injury treatment." *Surgical Neurology International* 2(1): 32.
- **Vaccaro, A.R.**: Minimum Five-year Follow-up Results of Skipped Pedicle Screw Fixation for Flexible Idiopathic Scoliosis. Editorial Accepted *J. Neurosurgery Spine* 2011
- Anderson, D.G., Sayadipour, A., Shelby, K., Albert, T.J., **Vaccaro, A.R.**, Weinstein, M.S.: Anterior Interbody Arthrodesis with Percutaneous Posterior Pedicle Fixation for Degenerative Conditions of the Lumbar Spine. Accepted *European Spine Journal* 2011
- Kepler, C., Vaccaro, A.R.: Editorial: Skipped Pedicle Screws. Accepted *J. Neurosurgery Spine*, 2011.
- Smith, H., Radcliff, K., Vaccaro, A.R.: Mortality and morbidity with spinal cord injury from Type II odontoid fractures. *Clinical Orthopaedics and Related Research*. Accepted 2011
- Baaj, A., Downes, K., Vaccaro, A.R., Uribe, J., Vale, J.: Trends in the Treatment of Lumbar Spine Fractures in the United States: A Socioeconomics Perspective Accepted *J. Neurosurgery Spine* 2011
- Schwartz, D.M., Sestokas, A.K., Dormans, J.P., Vaccaro, A.R., Hilibrand, A.S., Flynn, J.M., Li, M., Shah,

- S.A., Welch, W., Drummond, D.S., Albert, T.J.: Transcranial electric motor evoked potential monitoring during spine surgery. *Spine*. 13:1046-1049, 2011
- Vaccaro, A.R., Patel, A.A., Fisher, C.: Author Conflict and Bias in Research *SPINE*, 36, E895–E896, 2011
 - Fisher, C.G., Vaccaro, A.R., Whang, P.G., Prasad, S.K., Angevine, P.D., Mulpuri, K., Thomas, K.C., Patel, A.A.: Evidence-Based Recommendations for Spine Surgery, *SPINE*, 14, E897–E903, 2011
 - **Non-Peer Reviewed Publications**
 - **Vaccaro, A.R.**, J.M. Cotler, H.S. An and P. Hornstein: Anterior Surgical Exposure of the Cervicothoracic Juncture for Decompression and Fusion of the Unstable Spine. *Jeff. Orth.. J. IX*:26-33, 1990.
 - **Vaccaro, A.R.**, H.S. An, J.M. Cotler and S. Ahmad: Dislocation of the cervical spine due to trauma after a previous upper thoracic fusion for scoliosis: A case report. *Jefferson Orth. J. XX*: 22-24, 1991.
 - Fenlin, J.M., **A.R. Vaccaro**, D. Andreychik and S.S. Lin: Modular total shoulder: early experience and impressions. *Sem. Arthroplasty 1*:102-111, 1991. *Orthopedics 16*:1273-1276, 1993.
 - Blair, J., J.J. Abitbol and **A.R. Vaccaro**: Anterior thoracolumbar instrumentation. *Comp. Spinal Surg.: Operative Tech. Orthop*: 3:243-250, 1993.
 - **Vaccaro, A.R.**, K.W. Dabney and J.R. Bowen: The characteristics of juvenile idiopathic scoliosis followed to skeletal maturity. *Jefferson Orth. J. XXII*: 69 - 74, 1993.
 - Grimes, P., **A.R. Vaccaro**, S. Garfin: Treatment complications of thoracolumbar spine trauma. In *Seminars in Spine Surgery 7*:141-151, 1995.
 - Lee R.S., **A.R. Vaccaro**, J. Cotler: Cervical Orthoses: A Biomechanical and Functional Review. *Jeff Ortho. J.*, XXIV, 29-36, 1995.
 - Bauerle W.B., **A.R. Vaccaro**, C.E. Becker, J.M. Cotler: Early Halo Immobilization of Displaced Traumatic Spondylolisthesis of the Axis. *Jeff Ortho. J.*, XXIV, 37-40, 1995.
 - Mikles, M.R., **A.R. Vaccaro**, C.M. Rau, J.M. Cotler, R.A. Balderston: The treatment of thoracolumbar spinal fractures in patients with Diffuse Idiopathic Skeletal Hyperostosis (DISH): A Review. *Jeff Ortho. J.*, XXIV, 41-44, 1995.
 - Mikles, M.R., **A.R. Vaccaro**, C.M. Rau, J.M. Cotler, R.A. Balderston: The treatment of thoracolumbar spinal fractures in patients with ankylosing spondylitis. A review. *Jeff Ortho. J.*, XXIV, 45-49, 1995.
 - Heary B., **A.R. Vaccaro**, J.J. Mesa, R.A. Balderston, J.M. Cotler: Early surgery rarely indicated in spinal cord injuries due to gunshot wounds. *Orthopaedic Today 15*:1, 10, 1995.
 - **Vaccaro A.R.**, Albert, T.J., Cotler, J.M.: Anterior Instrumentation in the treatment of lower cervical spine injuries. *Op. Tech. In Ortho.* 6:52-57, 1996.
 - Sutton D.C., **Vaccaro, A.R.**, Cotler, J.M.: Halo Orthosis: Indications and Application Technique. *Op. Tech. In Ortho.* 6:2-5, 1996.
 - Albert T., Balderston R., **Vaccaro A.R.**, Rothman R.: Generic outcomes forms best to assess different procedures. *Orth Today 16*:23, 1996.
 - Cotler J.M., **Vaccaro A.R.**, Giacobetti F.B., Farmer J.C.: Vertebral artery injuries associated with cervical spine trauma: A prospective analysis. *Complications in Orthopaedic Surgery*, 11:12-23, 1996.
 - Allardyce T., Ramsey M., Sokoloff B., Cotler J.M., **Vaccaro A.R.**: Early Outcome of Short-Segment Pedicle Screw Fixation for Thoracolumbar and Lumbar Burst Fractures. *Jeff. Ortho. J.*, XXV, 48-52, 1996.
 - Shah S.H., **Vaccaro A.R.**, Schweitzer M.E., Deely D., Cotler J.M.: Magnetic Resonance Imaging of Benign Vertebral Compression Fractures. *Jeff Ortho. J.*, XXV, 23-26, 1996.
 - Abraham D.J., Albert T.J., **Vaccaro A.R.**, Balderston R.A.: The Sensitivity of MRI in Detecting Lumbar Spondylolisthesis. *Jeff Ortho. J.*, XXV, 27-28, 1996.
 - Urban W.C., **Vaccaro A.R.**, Beller B., Cotler J.M.: The Efficacy of Posterior Cervical Stabilization in the

- Treatment of Cervical Spine Facet Dislocations with Complete Neurological Injury. *Jeff Ortho. J.*, XXV, 29-34, 1996.
- Baez E.A., **Vaccaro A.R.**, Rana M., Beller B., Flynn J., Rushton S.A., Cotler J.M.: Spinal Anatomy. *Jeff Ortho. J.*, XXV, 35-43, 1996.
 - Odgers C.J., **Vaccaro A.R.**, Pollack M.E., Cotler J.M. The Accuracy of Pedicle Screw Placement with the Assistance of Lateral Plain Radiography. *Jeff Ortho. J.*, XXV, 44-47, 1996.
 - **Vaccaro A.R.**.: Evaluation and Treatment of Acute Post-traumatic Thoracolumbar Instability. *Seminars in Spine Surgery*, Wisneski Ed., 8:354-358, 1996.
 - Ludwig S.C., Albert T.J., Balderston R.A., **Vaccaro, A.R.** Thoracic Kyphosis. *Seminars in Spine Surgery*. Scoliosis edition. Weisel S.W., Boden S.D. eds. W.B. Saunders Co. 9: 112-129, 1997.
 - Shakil, M., **Vaccaro, A.R.**, Albert, T. Efficacy of conservative treatment of lumbar spinal stenosis. *Seminars in Spine Surgery*, 11:229-233, 1999.
 - Jonathan, F. Rosenfeld, B.S., **Vaccaro, A.R.**, Albert, T.J., Balderston R.A., Cotler, J.C. The Benefits of Early Decompression in Cervical Spine Cord Injury. *Jefferson Orthopaedic Journal*, XXVI, pp 15-20, 1997.
 - **Vaccaro, A.R.**, An, H.S., Betz, R., Cotler, J.M., Balderston, R.A.: The Management of Acute Spinal Trauma: Pre-hospital and In-hospital Emergency Care. *Instructional Course Lectures* 46:113-25, 1997.
 - Levine, M.J., William, P.H., Charlton, M.D., **Vaccaro, A.R.**, Lin, S.S., Lombardi, J., Cotler, J.C. Fate of Residual Retropulsed Bone Fragments in Surgically Managed Thoracolumbar Burst Fractures. *Jefferson Orthopaedic Journal*, XXVI, 1997, pp 21-23.
 - Reddy, V., **Vaccaro, A.R.**, Klein, G.R., Albert, T.J., Cotler, J.M. Selecting the Surgical Approach for Thoracolumbar Fractures. *Jefferson Orthopaedic Journal*, XXVI, pp. 24-29, 1997.
 - Klein, G.R., **Vaccaro, A.R.**, Albert, T.J., Cook, C., Cotler, J.M. Occipitocervical Fusion: Indications and Techniques, *Jefferson Orthopaedic Journal*, XXVI, 30-34, 1997.
 - Klein, G.R., Albert, T.J., **Vaccaro, A.R.** Management of Cervical Radiculopathy. *Jefferson Orthopaedic Journal*, XXVI pp 35-42, 1997.
 - Ludwig, S., Klein, G.R., **Vaccaro, A.R.**, Keeler, K., Leet, A., Mackenzie, W. Segmental Instrumentation in the Surgical Management of Patients with Duchenne Muscular Dystrophy. *Jefferson Orthopaedic Journal*, XXVI, 43-48, 1997.
 - Baez, E.A., **Vaccaro, A.R.**, Rana, M., Beller, B., Montanez, J.M., Cotler, J.M. Spinal Orthoses: A Biomechanical and Functional Review. *Jefferson Orthopaedic Journal*, XXVI, pp 52-59, 1997.
 - Ludwig, S.C, **Vaccaro, A.R.**, Klein, G.R., McQuire, M., Green, D., Green, N.E. Bilateral Peroneal Nerve Palsy Secondary to a Knee Board: Report of Two Cases. *Jefferson Orthopaedic Journal*, pp 141-143, 1997.
 - Klein, G., **Vaccaro, A.R.**, Kramer, D., Albert, T.J., Instrumentation for Occipital Cervical Fusion. *Seminars in Spine Surgery*, 9: 227-232, 1998.
 - Klein, G, Albert, T.J., **Vaccaro, A.R.**: Failed Lumbar Fusion and Revision Surgery. *Current Opinion in Orthopaedics* 11:59-65, 1998.
 - Klein, G, **Vaccaro, A.R.**, Albert, T.J.: Failed Surgical Treatment for Lumbar Stenosis: Principles of Revision Surgery. *Current Opinions in Orthopaedics* 11:53-58, 1998.
 - Albert, T.J., **Vaccaro, A.R.** Anterior Plate Fixation for Subaxial Cervical Spinal Disorders. *Sem. Spine Surg*: 9. 233-239, 1997.
 - Kramer, D.L., **Vaccaro, A.R.**, Albert, T.J. Posterior Cervical Instrumentation. *Sem. Spine Surg*. 9:240-249, 1998.
 - Klein, G,R, Ludwig, S.C., **Vaccaro, A.R.**, Rushton, S.A., Lazar, R.D., Albert, T.J.: The Efficacy of Using an Image-Guided Kerrison in Performing an Anterior Cervical Foraminotomy: An Anatomic Analysis. *Jeff Ortho J* XXVII, 33-37, 1998.

- Ball, S., **Vaccaro, A.R.**, Klein, G.R., Albert, T.J., Cotler, J.M.: Combined Anterior and Posterior Surgery for Fractures of the Thoracolumbar Spine. *Jeff Ortho J XXVII*, 38-44, 1998.
- Klein, G.R., **Vaccaro, A.R.**, Ludwig, S.C., Song, S.J., Albert, T.J.: Simultaneous Anterior and Posterior Thoracic and Lumbar Spinal Fusion. *Jeff Ortho J XXVII*, 45-49, 1998.
- Ball, S., **Vaccaro, A.R.**, Cotler, J.M.: Indications for Instrumentation Following Fusion for Lumbar Degenerative Spinal Disorders. *Jeff Ortho J XXVII*, 50-61, 1998.
- McCullen, G., **Vaccaro A.R.**, Garfin S.R.: Thoracic and Lumbar Trauma: Rationale for Selecting the Appropriate Fusion Technique. *Orthopedic Clinics of North America* 29: 813-828, 1998.
- Conant, R., **Vaccaro, A.R.**: Complications of Posterior Occipital and Cervical Screw Placement. *Seminars in Spine Surgery*, 10(3), 228-236, Sept. 1998.
- Shakil, M., **Vaccaro, A.R.**, Cotler, J.M.: Complications of Closed Skeletal Reduction for Cervical Spine Instability. *Seminars in Spine Surgery*, 10(3): 237-241, Sept. 1998.
- Zlotolow, D., **Vaccaro, A.R.**: North American Spine Society Position Paper: Surgical Treatment of Lumbar Disc Herniation, 1998.
- Taylor BA, **Vaccaro AR**, Albert TJ. Complications of anterior and posterior surgical approaches in the treatment of cervical degenerative disc disease. *Seminars in Spine Surgery* 1999; 11(4).
- Albert, T.J., Zlotolow, D., **Vaccaro, A.R.**, Ilyas, A., Hilibrand, A.S.: Revision Lumbar Spine Surgery. *Seminars in Spine Surgery* 11:163-175, 1999.
- Peak, L., **Vaccaro, A.R.**: Use of DEXA Scanning for the Diagnosis and Treatment of Osteoporosis. *The Pink Ribbon - Kimmel Cancer Center at Jefferson* 2:7-8, 1999.
- Klein G.R., Albert T.J., Joffe D, Cwik J, Seitchik S., **Vaccaro A.R.**: The Efficacy of Cervical Epidural Steroids in the Treatment of Cervical Spine Disorders. *Jefferson Orthopaedic Journal*, 28:31-34, 1999.
- Klein G.R., Albert T.J., **Vaccaro A.R.**: Health Outcome Assessment before and after Anterior Cervical Discectomy and Fusion for Radiculopathy: A Prospective Analysis. *Jefferson Orthopaedic Journal* 28:35-38, 1999.
- Banco S.P., Albert T.J., Klein G.R., **Vaccaro A.R.**: Anterior Cervical Instrumentation for Radiculopathy: An Economic Analysis. *Jefferson Orthopaedic Journal* 28:39-41, 1999.
- Bush J.L., **Vaccaro A.R.**, Albert T.J., Cotler J.M.: Electrical Stimulation in Lumbar Spinal Fusion. *Jefferson Orthopaedic Journal* 28:90-95, 1999.
- **Vaccaro, A.R.**, Klein, G.R., Flanders, A.E. et al: Long-term evaluation of vertebral artery injuries following cervical spine trauma using magnetic resonance angiography. (Thomas Jefferson Univ, Philadelphia) *Spine* 23:789-795, 1998, in *Year Book of Orthopaedics 1999*, Morrey B.F., et al (eds), Mosby, Philadelphia, Pa, pp 308-309.
- Taylor, B.A., **Vaccaro, A.R.**, Albert, T.J. Complications of Anterior and posterior surgical approaches in the treatment of cervical degenerative disc disease. *Seminars in Spine Surgery*. Herkowitz, H.N., eds. 11:337-346, 1999.
- **Vaccaro, A.R.**, Singh, K.: Pharmacologic treatment and surgical timing for spinal cord injury. *Contemporary Spinal Surgery*. Lippincott and Williams. Anderson, G. ed. 1:55-62: 2000. In *Current Opinion In Orthopaedics* 10:112-116, 1999.
- Klein, G.R., Ludwig, S.C., **Vaccaro A.R.**, Albert, T.J.: The efficacy of using an image-guided Kerrison in performing an anterior cervical foraminotomy: An anatomic analysis. *Year Book of Orthopaedics*. 2000. P. 265. Morrey, B.F. ed. Mosby, Phil.
- Banco, S.P. **Vaccaro A.R.**, Eck J.C., Cotler, J.M., Albert T.J., Murphey, S. Spinal Infections: Variations in Incidence During the Academic Year. *Jefferson Orthopaedic Journal* 2000, 29: 7-12.
- Blam O.G., **Vaccaro A.R.**, Vanichkachorn J.S., Minnich J.M., Albert T.J., Hilibrand A.S., Murphey S.A. Risk Factors for Surgical Site Infection in the Spinal Injury Patient. *Jefferson Orthopaedic Journal* 2000, 29: 13-20.

- Craig M.R., Berta S.C., **Vaccaro A.R.**, Albert T.J., Hilibrand A.S., Cotler J.M. Bone Graft Alternatives and Modulation of Intervertebral Disc Metabolism in Spinal Surgery. Jefferson Orthopaedic Journal 2000, 29: 21-25.
- Daffner, S., **Vaccaro, A.R.**, Cotler, J., Albert, T.J., Hilibrand, A. Management of Disorders of the Cervicothoracic Junction. Jefferson Orthopaedic Journal 2000; 29: 25 – 28.
- **Vaccaro A.R.**, Klein G.R., Thaller J.B., Rushton S.A., Cotler J.M., Albert T.J. Distraction Extension Injuries of the Cervical Spine. Jefferson Orthopaedic Journal 2000, 29: 29-35.
- Daffner S., **Vaccaro A.R.**, Hilibrand A.S., Albert T.J., Cotler J.M. Degenerative Lumbar Scoliosis. Jefferson Orthopaedic Journal 2000, 29: 36-39.
- **Vaccaro, A.R.** Harris, B.,: Presentation and treatment of pyogenic vertebral osteomyelitis. Seminars in Spine Surg. 12:183-191, 2000.
- **Vaccaro, A.R.**, Singh, K.: Computer-assisted image guided-surgery: application in cervical spine surgery. Current Opinions in Orthopaedics. 12:245-250,2001.
- **Vaccaro, A.R.**, Bagnall, D.: Literature Review- Current concepts. The management of traumatic cervical bilateral facet fracture-dislocation with unicortical anterior plates. SpineLine. Jan/Feb 21-23, 2001.
- Silber, J., Anderson, G., **Vaccaro, A.R.**: Literature Review- Current Concepts. Lumbar High Intensity Zone and discography in subjects without low back pain problems. Spine Line. North American Spine Society. March/April: 2001: 19-20.
- Anderson, G., Silber, J., **Vaccaro, A.R.**: Literature Review- Current Concepts. Single stage posterolateral transpedicle approach for spondylectomy, epidural decompression, and circumferential fusions of spinal metastases.. Spine Line. North American Spine Society. May/June 2001, 20-22.
- Silber, J., Anderson, G., **Vaccaro, A.R.**: Literature Review- Current Concepts. Nonoperative treatment versus posterior fixation for thoracolumbar junction burst fractures without neurologic deficit. Spine Line. North American Spine Society. July/August.20-21: 2001.
- Klein, G.R., **Vaccaro, A.R.**, Albert, T.J.: Failed surgical treatment for lumbar stenosis: Principles of revision surgery. Contemporary Spine Surgery. 2:1-8,2001.
- Westerlund, E., Kim, D., **Vaccaro, A.R.**: Subtotal corpectomy versus laminoplasty for multilevel cervical spondylotic myelopathy. A long term follow up study over 10 years. Spine Line. North American Spine Society. November/December.22-23: 2001.
- Kim, D. H., Westerlund, E., **Vaccaro, A.R.**: Timing of Surgical Intervention in Patients with Traumatic Spinal Cord Injury. Seminars in Spine Surgery. Sept. 14:174-181, 2002
- Silber, J.S., Anderson, G., **Vaccaro, A.R.**, Hilibrand, A.S., Simeone, F.A., Albert, T. J.: Preoperative Discography: Appropriate Indications and Clinical Interpretation University of Pennsylvania Orthopaedic Journal. 14:79-82, 2001.
- Westerlund, L, E., Daffner, S.D, **Vaccaro, A.R.**: Internal fixation for cervical trauma.. Seminars in spine surgery. 14:265-277, 2002.
- Kim, D., Westerlund, E., **Vaccaro, A.R.**: Current Concept: Posttraumatic therapeutic vaccination with modified Myelin self-antigen prevents complete paralysis while avoiding autoimmune disease. Spine Line. North American Spine Society. January/February 24-25, 2002
- Brislin B, Vaccaro AR, : Advances in posterior lumbar interbody fusion. Ortho. Clin. North Am., 33(2):367-74, 2002
- **Vaccaro, A.R.**, Daffner, S., Westerlund, E.: Thoracolumbar burst fractures. Orthopaedic Knowledge Online. 2002
- Kim, D., **Vaccaro, A.R.**: Acute sports-related spinal cord injury: contemporary management principles. Clinics in Sports Medicine 22: 501-502, 2003.
- Austin, M., **Vaccaro, A.R.**, Nachwalter, R., Brislin, B.: Image-guided spine surgery. The Jefferson

Orthopaedic Journal XXX pp.19-25, 2002

- Blam, O., Albert, T., **Vaccaro, A.R.** Surgical reconstruction of post laminectomy kyphosis. The Jefferson Orthopaedic Journal XXX pp.26-32, 2002. Current Opinions in Orthopaedics 13: 208-213, 2002.
- Moulton, M.J., Nachwalter, R., Hilibrand, A., **Vaccaro, A.R.**, Albert, T.J.: Management of cervical kyphosis in patients with ankylosing spondylitis. Orthopaedic Technology Review. 2:1-4, 2002.
- Silva, M.T., Kim, D., Haroun, R., Westerlund, E., **Vaccaro, A.R.**: Current Concepts: Pathogenesis of Myelopathy in patients with ossification of the posterior longitudinal ligament. In SpineLine May/June pp. 22-23, 2002.
- Kim, D., Jenis, L., Berta, S., **Vaccaro, A.R.**: Bone graft alternatives in Spinal Fusion Surgery. Current Opinion In Orthopaedics. 14:127-137, 2003
- Kim, D., **Vaccaro, A.R.**: Return to play criteria in athletes with traumatic injuries to the cervical spine. Current Opinion In Orthopaedics. 14:170-173, 2003
- Silva, M.T., Kim, D., Haroun, R., Westerlund, E., **Vaccaro, A.R.**: Literature review-Risk factors for sick leave due to low back pain: a prospective study. In SpineLine. July/August 2002 pp. 23.
- **Vaccaro, A.R.**, Quartararo, L.G., Cavalier, R. Carrino, J.: The use of nuclear medicine studies in the diagnosis of postoperative spine infection. Seminars in Spine surgery. 2002;14(2):159-162
- **Vaccaro, A.R.**, Klein, G.R., Thaller, J.B., et.al: Distraction extension injuries of the cervical spine. In year Book of Orthopaedics 2002. Morrey, B.F. et.al. eds. Mosby, Inc, St Louis. pp. 281-282.
- Beiner, J.M., Grauer, J., **Vaccaro, A.R.**: Current Concepts: Bed rest or normal activity for patients with acute low back pain: A randomized controlled trial. In SpineLine September/October pp.17-18, 2002
- Tally, w., Grauer, J.N., **Vaccaro, A.R.**, Herkowitz, H.N.: Should excised disc material undergo pathologic analysis. SpineLine Nov/Dec vol 3:12-14,2002
- Kwon, B.K., Beiner, J., Grauer, J.N., Devitt, A., **Vaccaro, A.R.**: Mechanism of Intervertebral Disc degeneration caused by nicotine in rabbits to explicate intervertebral disc disorders caused by smoking. SpineLine Nov/Dec vol 3:22-23,2002
- Beiner, J., Kwon, B.K., Grauer, J.N., Devitt, A., **Vaccaro, A.R.**: Anterior dynamic plates in complex cervical reconstructive surgeries. SpineLine Jan/Feb vol 4:22-23, 2003
- Grauer, J.N., Beiner, J.M., Kwon, B., Devitt, D., **Vaccaro, A.**: Surgery for solitary metastasis of the spine: Rationale and results of treatment. SpineLine March/April vol 4:21-11, 2003
- Kwon, B, Berta, S, Daffner, S, **Vaccaro, A**, Hilibrand, A, Grauer, J, Beiner, J, Albert, T: Radiographic Analysis of Transforaminal Lumbar Interbody Fusion for the Treatment of Adult Isthmic Spondylolisthesis: A Retrospective Radiographic Assessment. The Jefferson Orthopaedic Journal, Volume XXXI, 2003, 41-47.
- **Vaccaro, A**, Scuderi, G, Kwon, B, Berta, S, Albert, T, Hilibrand, A, Beiner, J., Grauer, J, Brusovanik, G: Conjoined Lumbar Nerve Root Variants: Pitfalls and Precautions. The Jefferson Orthopaedic Journal. Volume XXXI 2003, 47-53.
- Daffner, S, Silber, J, Hilibrand, A, Anderson, G, **Vaccaro, A**, Albert, T, Riew, K: Why are Spine Surgery Patients Lost to Follow-Up? The Jefferson Orthopaedic Journal. Volume XXXI. 2003, 53-56.
- Kwon, B, Berta, S, Beiner, J, Grauer, J, Albert, T, Hilibrand, H, **Vaccaro, A. R.** : A Review of Injuries to the Pediatric Spine. The Jefferson Orthopaedic Journal. Volume XXXI 2003. 56-64.
- Kwon, B, **Vaccaro, A**, Wolfram, T, Berta, S, Albert, T, Hilibrand, A, Woo, J, Austin, M, Grauer, J, Beiner, J: Strategies and Tactics of Spinal Cord Regeneration. The Jefferson Orthopaedic Journal, Volume XXXI 2003, 64-72.
- Devitt, A., Grauer, J.N., Beiner, J.B., Kwon, B.K., **Vaccaro, A.R.**: SpineLine review. Posterior atlantoaxial fixation biomechanical in vitro comparison of six different techniques. SpineLine vol IV May/June, pp. 22-23, 2003
- **Vaccaro, A.R.**: Bone Graft Substitutes for spine fusion-August 2003 Update. <http://www.spine->

health.com/treatment/spinal-fusion/bone-graft-substitutes-spinal-fusion-surgery-august-2003-update-research-art. August 2003

- Carrino, J.A., Chan, R., **Vaccaro, A.R.**: Vertebral augmentation vertebroplasty and kyphoplasty. *Semin Roentgenol.* 2004;39(1):68-84.
- Kwon, B.K., Grauer, J.N., Beiner, J.M., **Vaccaro, A.R.**: Literature review; Neuroprotective effects of GYKI 52466 on experimental spinal cord injury in rats. *SpineLine* July/August pp. 32-34, 2003
- **Vaccaro, A.R.**, Madigan, L., Fitzhenry, L., Eichenbaum, M., Robbins, M.: The use of Bioresorbable instrumentation in treatment of cervical degenerative and traumatic disorders. *Current Opinion in Orthopaedics.* 15:192-195, 2004
- Robbins, M.M., Anderson, G., **Vaccaro, A.R.**: The role of bioresorbable products in spinal surgery. *SpineLine.* May/June V:12-17, 2004
- Grauer, J.N., Kwon, B.K., Beiner, J.M., **Vaccaro, A.R.**: Morphometric evaluation of screw fixation in Atlas via posterior arch and lateral mass. *SpineLine* Vol IV issue 6 November/December pp. 28-29, 2004
- Kim, D.H., Jenis, L., Berta, S.C., **Vaccaro, A.R.**: Bone graft alternatives in spinal fusion surgery. *Current Opinion in Orthopedics.* 2003;14(3):127-137
- Polzhofer, G.K., Drespe, I.H., Grauer, J.N., **Vaccaro, A.R.**: Does donor site reconstruction following anterior cervical surgery diminish postoperative pain? *SpineLine* Vol V issue 1 January/February pp. 26-27, 2004
- Yuan, P.C., Goins, M.L., Wimberly, D.W., **Vaccaro, A.R.**, Albert, T.J., Hilibrand, A.S.: A less traumatic technique (Endius minimally invasive spinal system). *Orthopaedic Technique Review.* 6:20-23, 2004
- Scuderi, G, Brusovanik, G, Fitzhenry, L, **Vaccaro, A.R.**: Is Wound Drainage a Necessity After Lumbar Spinal Fusion Surgery? *The Jefferson Orthopaedic Journal.* Volume XXXII 83-85, 2004.
- Goins, M, Wimberley, D, Yuan, Ph, Fitzhenry, L, **Vaccaro, A.R.**: Nucleus Pulposus Replacement, An Emerging Technology. *The Jefferson Orthopaedic Journal.* Volume XXXII 86-92, 2004.
- Wimberley, D, Yuan, P, Goins, M, **Vaccaro, A.R.**: The Surgical Management of Traumatic Injuries of the Vertebral Column and Spine Cord: An Update. *The Jefferson Orthopaedic Journal.* Volume XXXII 96-103, 2004.
- Scuderi, G, **Vaccaro, A.R.**, Eichenbaum, M, Fitzhenry, L, Brusovanik, G: C-1 Rachischisis with Occipitalization of the Atlas: A Case Report. *The Jefferson Orthopaedic Journal* Volume XXXII 104-105, 2004.
- Polzhofer G.K., Drespe, I.H., Grauer, J.N., **Vaccaro, A.R.**: *SpineLine* editorial review :Comparison of four tests of quadriceps strength in L3 or L4 radiculopathies. *Spine* 2003; 28:2466-2471. *SpineLine* March/April pp.24-25, 2004
- Polzhofer, G.K., Grauer, J.N., **Vaccaro, A.R.**, Arnold, P.M.: *SpineLine* editorial review: Is local bone graft viable as a source of bone graft in posterior lumbar interbody fusion?. *Spine* 2003;28:2386-2389. *SpineLine.* July/August pp. 22-23, 2004
- Polzhofer, G.K., Drespe, I.H., Grauer, J.N., **Vaccaro, A.R.**: *SpineLine* Editorial review: Enhancement of spine fusion using combined gene therapy and tissue engineering BMP-7 expressing bone marrow cells and allograft bone. *Spine:* 28:2049-2057:2003, *SpineLine* Sept/Oct, 25-26. 2004
- The management of infections involving the cervicthoracic junction. *Semin. Spine Surg.* 16:206-213, 2005
- Drespe, I.H., Polzhofer, G.K., Grauer, J.N., **Vaccaro, A.R.**: *SpineLine* Editorial review: Augmentation of rabbit posterolateral spondylodesis using a demineralized bone matrix-hyaluronan putty. *Spine* 28:2435-2440, 2003. *SpineLine* Nov/Dec 2004 pp. 30-31
- Anderson, G., Truumees, E., Tannoury, C., Albert, T.J., Hilibrand, A., Harrop, J., **Vaccaro, A.R.**: Emerging technologies: Is there a role in cervical trauma surgery? *Seminars in Spine Surgery*

2005;17:106-12.

- Henderson, F.C., Benzel, E.C., **Vaccaro, A.R.**: Stretch-related myelopathy. *Seminars in Spine Surgery* 17:2-7, 2005
- Kwon, B., Kim, D.H., **Vaccaro, A.R.**: The pathophysiology of tethered cord syndrome: ischemia or apoptosis. *Seminars in Spine Surgery* 17:8-12, 2005
- **Vaccaro, A.**, Lehman, R., Hulbert, R., Anderson, P., Harris, M., Hedlund, R., Harrop, J., Dvorak, M., Wood, K., Fehlings, M., Fisher, C., Zeiler, S., Anderson, D., Bono, C., Kuklo, T., Oner, F.C.: A New Classification of Thoracolumbar Injuries: The Importance of Mechanism of Injury, Neurologic Status, and the Integrity of the Posterior Ligamentous Complex. *The Jefferson Orthopaedic Journal*, Volume XXXII 2005, pp. 69-77
- Pahl, M., Brislin, B., Boden, S., Hilibrand, A., **Vaccaro, A.**, Hanscom, B., Albert T: The Impact of Four Common Lumbar Spine Diagnoses Upon Overall Health Status. *The Jefferson Orthopaedic Journal*, Volume XXXII 2005, pp. 78-81.
- Smith, H., Wimberley, D., **Vaccaro, A.**: Cervical Arthroplasty: Material Properties. *The Jefferson Orthopaedic Journal*, Volume XXXII 2005, pp. 82-88
- Burbank, S., **Vaccaro, A.**, Goins, M., Tribus, C., Manon-Espaillet, R: Thoracic Paraparesis Following an Embolic Vascular Event During Spinal Surgery: A Case Report. *The Jefferson Orthopaedic Journal*, Volume XXXII 2005, pp.95-100.
- Lawrence, J., Grauer, J., **Vaccaro, A.R.**: Endoscopic lateral transpoas approach to the lumbar spine. *SpineLine Review* March/April pp. 30-31 2005
- Baron, E., Zeiler, S., **Vaccaro, A.R.**, Hilibrand, A.: The surgical management of thoracolumbar fractures. *Contemporary Spine Surgery*. 2006;7(1):1-7
- Grauer, J., **Vaccaro, A.R.**: Comparison of clinical and radiographic outcomes in instrumented anterior cervical discectomy and fusion with or without direct uncovertebral joint resection. *SpineLine Review* May/June pp14-15 2005
- Anderson, D.G., Trummees, E., Tannoury, C., Harrop, J., Sharan, A., Hilibrand, A., **Vaccaro, A.R.**: Emerging technology: Is there a role in cervical spine trauma surgery. *Seminars in Spine Surgery*. Trummees, E., Herkowitz, H., eds. 17:106-112, 2005
- Lee, J.Y., Lim, M.R., Ludwig, S.C., Elias, I., Kuklo, T., **Vaccaro, A.R.**: Vertebroplasty and kyphoplasty for vertebral compression fracture. *Seminars in Spine Surgery*. Kuklo, T. (ed) 17:158-164, 2005
- Teng, E., Grauer, J.N., **Vaccaro, A.R.**: *SpineLine* Editorial review: Comparison of clinical and radiological outcome in instrumented anterior cervical discectomy and fusion with or without direct uncovertebral joint decompression. *SpineLine*. July/August 2005 pp 21-22
- Kim, D., Albert, T.J., Hilibrand, A.S., **Vaccaro, A.R.**: Epidemiology, pathophysiology, and clinical evaluation of low back pain. *J. Amer. Acad. Orth. Surg. Monograph series* Jenis, L. ed, Rosemont, Ill. 31:11-23, 2005
- Baron, E.M., Zeiler, S.C., **Vaccaro, A.R.**, Hilibrand, A.S.: Surgical management of thoracolumbar fractures. *Contemporary Spine Surgery*. Lippincott Williams & Wilkins, Hagerstown, MD. 12:2005
- Erulkar, J.S., Grauer, J.S., **Vaccaro, A.R.**, Friedlander, G.E.: Spinal fusion and the role of bone grafts and substitutes. *AAOS monograph* Friedlaender, G.E., Mankin, H.J., Goldberg, V.M., Rosemont, Ill. 2006 pp 49-55
- Singh, K., **Vaccaro, A.R.**: Treatment of lumbar instability: transforaminal lumbar interbody fusion. *Seminars in Spine Surgery*. Weisel, S.W., Boden, S.D. eds. In *Instability*: balderston, R.A., Auerbach, J.D. section eds. 17:259-266, 2005
- Silber, J.S., Branoff, J.F., **Vaccaro, A.R.**: Advances in the surgical management of cervical degenerative disk disease. *Current Opinion in Orthopaedics*. 17:264-267, 2006
- Sanfilippo Jr, J., Albert TJ, Jacoby, S, Lim, M., Harrop, J., **Vaccaro, AR**, Hilibrand, A., Anderson,

- DG. "Normal" prevertebral Soft Tissue Swelling Following Anterior Cervical Decompression and Fusion. *The Jefferson Orthopaedic Journal*. 34: 30-33. 2006.
- Poelstra, K., Rao, S., Patel, A., Whang, P., Brown, A., Madigan, L., Albert, T.J., **Vaccaro, A.R.**, Anderson, D.G., Hilibrand, A. Emergency Transport of Patients Following Spinal Cord Injury. *The Jefferson Orthopaedic Journal*. 34: 34-37. 2006.
 - Poelstra, K., Rao, S., Patel, A., Whang, P., Stock, G., Madigan, L., **Vaccaro, A.R.**, Anderson, D.G., Hilibrand, A., Albert, T.J. Pharmacologic Neuroprotection in Patients with Spinal Cord Injury. *The Jefferson Orthopaedic Journal*. 34: 42-47. 2006.
 - Poelstra, K., Rao, S., Patel, A., Whang, P., Brown, A., Madigan, L., **Vaccaro, A.R.**, Albert, T.J., Hilibrand, A., Anderson, D.G. Radiographic Evaluation of Patients Following Spinal Cord Injury. *The Jefferson Orthopaedic Journal*. 34: 48-53. 2006.
 - Poelstra, K., Rao, S., Patel, A., Whang, P., Stock, G., Madigan, L., Albert, T.J., Hilibrand, A., Anderson, D.G., **Vaccaro, A.R.** Timing of Surgical Decompression in Patients with Spinal Cord Injury. *The Jefferson Orthopaedic Journal*. 34: 54-56. 2006.
 - Poelstra, K., Tannouri, C., Srinivasan, S., **Vaccaro, A.R.**, Hilibrand, A., Albert, T.J., Anderson, D.G. Minimally Invasive Spinal Surgery. Where Do We Stand? *The Jefferson Orthopaedic Journal*. 34: 57-63. 2006.
 - Jeyamohan, S., Ratliff, J., **Vaccaro, A.R.**: Classifying types of thoracolumbar Spine Fractures: TLICS. Stryker OnLine Hyper Guide 2006
 - Dahlgren, R.M., Baron, E.M., **Vaccaro, A.R.**: Pathophysiology, Diagnosis, and treatment of Spinal Meningoceles and Arachnoid Cysts. *Cysts In The Spinal Cord. Seminars in Spine Surgery*. 18:148-153, 2006
 - White, A.P., Kerr, S., Mendel, R.C., Hannallah, D., **Vaccaro, A.R.**: Imaging update on cervical spinal trauma, instability screening, and clearance. *Seminars in Spine Surgery: Imaging Techniques*, 19:98-105, 2007
 - Year Book of Orthopaedics. Review of: Grauer, J.N., Shafi, B., Hilibrand, A.S., Harrop, J.S., Kwon, B.K., Beiner, J.M., Albert, T.J., Fehlings, M.G., **Vaccaro, A.R.** : Proposal of a modified, treatment-oriented classification of odontoid fractures. *The Spine Journal*. 5:123-129, 2005 (Eds) Morrey, B.F., Beauchamp, C.P., Peterson, H.A., Swiontkowski, M.F., Trigg, S.D., Yaszemski, M.J. p.253-254. 2006
 - Year Book of Orthopaedics. Review of: **Vaccaro, A.R.**, Lehman, R.A., Hulbert, J., Anderson, P. A., Harris, M., Hedlund, R., Harrop, J., Dvorak, M., Wood, K., Fehlings, M.G., Fisher, C., Zeiller, S.C., Anderson, D.G., Bono, C.M., Stock, G.H., Brown, A.K., Kuklo, T., Oner, F.C.: A new classification of thoracolumbar injuries. *Spine* 30:2325-2333. 2005 (Eds) Morrey, B.F., Beauchamp, C.P., Peterson, H.A., Swiontkowski, M.F., Trigg, S.D., Yaszemski, M.J. p.255-256. 2006
 - Whang, P.G., **Vaccaro, A.R.**: The Use of the Bone Morphogenetic Proteins for Spinal Fusion. *Biomaterials. US Musculoskeletal Review. Touch Briefing*. 2006;2:46-7
 - Fassett, D., **Vaccaro, A.R.**: Classification Systems for Acute Thoracolumbar Trauma. *Current Opinion in Orthopaedics*. 2007;18(3): 253-258
 - Stock, G.H., **Vaccaro, A.R.**, Brown, A.K., Anderson, P.A.: Contemporary Posterior Occipital Fixation. *Instructional Course Lectures*. Marsch, J.L., Duwelius, P.J., (eds). 56:319-328, 2007
 - Silber, J.S., Patel, A., Dagle, K., Patel, R., Brown, Z., **Vaccaro, A.R.**: How the Disc Degenerates. *Nucleus Arthroplasty Technology in Spinal Care: Volume 1: Fundamentals*. Davis, R.J., Girardi, F.P. eds. Raymedica, LLC: Minneapolis, 2006. pp 3-9.
 - Finn, M., Fassett, D.R., **Vaccaro, A.R.** Clinical Outcomes Assessment of Nucleus Pulposus Replacement. *Nucleus Arthroplasty Technology in Spinal Care: Volume 3: Surgical Techniques & Technologies*. Davis, R.J., Girardi, F.P. eds. Raymedica, LLC: Minneapolis, 2007. pp 33-38.
 - Finn, M., Fassett, D.R., Musculoskeletal Clinical Regulatory Advisors, LLC, **Vaccaro, A.R.** Socioeconomic

Impact of Nucleus Arthroplasty Procedures. *Nucleus Arthroplasty Technology in Spinal Care: Volume 4: Emerging Technology*. Davis, R.J., Girardi, F.P. eds. Raymedica, LLC: Minneapolis, 2007. pp 30-36.

- Arnold, P.M., Biswas, D.: SpineLine Literature Review, New From The Journals. Neurologic deficit following percutaneous vertebral stabilization. Patel, A.A., **Vaccaro, A.R.**, Martyak, G.G. et al. SpineLine vol VIII, September/October. p. 32, 2007
- **Vaccaro, A.R.**: AAOS Now. Holding medical expert witnesses accountable. Vol I: Nov 2007, p.4
- Vadera, S., Ratliff, J., Borwn, Z., Patel, A., Harrop, J., Sharan, A., **Vaccaro, A.R.**: Management of cervical facet dislocations. In Seminars in Spine Surgery, Cervical Trauma. Guest Editors Hilibrand, A.S., Grauer, J.N, Eds Weisel, S.W., Boden, S.D..19:250-255, 2007
- **Vaccaro, A.R.**, Smith, H.E., Disk degeneration and regeneration. J Society of Nucleus Arthroplasty 5:3-9, 2008
- Thalgot, J.S., **Vaccaro, A.R.**, Forarty, M.E.: Nucleus Arthroplasty Classification. J Society of Nucleus Arthroplasty 5:11-13, 2008
- Patel, A, Whang, P, **Vaccaro, A**: Overview of Computer-Assisted Image-Guided Surgery of the Spine. Seminars in Spine Surgery Vol. 20:186-194, 2008.
- Rihn, J.A., Anderson, D.T., Sasso, R.C., Zdeblick, T.A., Lenke, L.G., Harris, M.B., Chapman, J.R., **Vaccaro, A.R.**: Emergency evaluation, imaging, and classification of thoracolumbar injuries. Instructional course lectures. Azar, F.M., O'Connor, M.I. eds AAOS. Vol 59. 2009 pp. 619-628.
- Harris, M.B., Shi, L.I., **Vaccaro, A.R.**, Zdeblick, T.A., Sasso, R.C.: Nonsurgical treatment of thoracolumbar spinal fractures. Instructional course lectures. Azar, F.M., O'Connor, M.I. (eds). AAOS. Vol 59. 2009 pp. 629-638.
- Zdeblick, T.A., Sasso, R.C., **Vaccaro, A.R.**, Chapman, J.R., Harris, M.B.:Surgical treatment of thoracolumbar fractures. Instructional course lectures. Azar, F.M., O'Connor, M.I. eds AAOS. Vol 59. 2009 pp. 639-644.
- Sasso, R.C., **Vaccaro, A.R.**, Chapman, J.R., Best, N.M., Zdeblick, T.A., Harris, M.B.:Sacral fractures. Instructional course lectures. Azar, F.M., O'Connor, M.I. eds AAOS. Vol 59. 2009 pp. 645-656
- Shimer, A.L., Oner, F.C., **Vaccaro, A.R.**: Spinal reconstructions and BMP's: Open question. Injury. Int J. Care Injured. S26-S32, 2009
- Smith, H.E., Maltenfort, M., Harrop, J., Bessey, J., Hong, J., Yang, N., Ratliff, J., **Vaccaro, A.R.**: Odontoid fractures and their management. Topics in SCI. 2010:15(3):65-72.
- Radcliff, K., **Vaccaro, A.R.**, Albert, T., Rihn, J.A.: Physiologic limitations and complications of spinal cord injury in the elderly population. Topics in SCI. 2010:15(3):85-95.
- Stock, G.H., **Vaccaro, A.R.**, Brown, A.K., Anderson, P.A.: Contemporary Posterior Occipital Fixation. Instructional Course Lectures. Spine 2. Bono, C.M. (ed). 2010 pp. 265-274.
- **Vaccaro, A.R.**, Rihn, J.A.: Commentary: Complications of cervical spine surgery. Instructional course lectures. 2010. pp. 366-368.
- Rihn, J.A., Anderson, D.T., Sasso, R.C., Zdeblick, T.A., Lenke, L.G., Harris, M.B., Chapman, J.R., **Vaccaro, A.R.**: Emergency evaluation, imaging, and classification of thoracolumbar injuries. Instructional course lectures. Azar, Instructional course lectures. 2010 pp. 23-32
- Harris, M.B., Shi, L.I., **Vaccaro, A.R.**, Zdeblick, T.A., Sasso, R.C.: Nonsurgical treatment of thoracolumbar spinal fractures. Instructional course lectures. Instructional course lectures. 2010 pp. 33-42
- Zdeblick, T.A., Sasso, R.C., **Vaccaro, A.R.**, Chapman, J.R., Harris, M.B.:Surgical treatment of thoracolumbar fractures. Instructional course lectures. Instructional course lectures. 2010. 43-49
- Dumonski, M. L. and A. R. Vaccaro (2010). "Treatment of Odontoid Fractures." Neurosurgery Quarterly **20**(3): 183.

- Yoon, S.T., Albert, T.J., Wang, J.C., **Vaccaro, A.R.**: Spotlight on stem cell treatments for the spine. *Orthopaedics Today*. April 2010 pp.42-47
- LeBude, B., Ratliff, J., **Vaccaro, A.R.**: Indications for Occipitocervical Fusion. *Orthopedics Hyperguide*. 2009. Available at: http://www.ortho.hyperguides.com/index.php?option=com_content&view=article&id=1163.
- **Vaccaro, A.R.**: Commentary Perspective-No Correlation between better post-op ACDF sagittal alignment and quality of life results. Gum, J.L., Glassman, S.D., Douglas, L.R., Carreon, L.Y. authors. *Orthopaedics Today*. Dec 2010 p. 54
- Radcliff, K., Maher, L., Singh, N., **Vaccaro, A.**: Does stem cell therapy have a role in spinal fusion? *Current Concepts/ Curve Countercurve*. SpineLine Jan/Feb 2011. pp. 19-24
- Bhandutia, A. K., J. A. Gruskay, Helgeson, M.D., Yadlapalli, N.K., Gowda, A.L., Su, B.W., Ratliff, J.K., Anderson, G., **Vaccaro, A.R.** (2011). "Treatments and Outcomes for Lower Lumbar (L3–L5) Burst Fractures: A Systematic Review." *Contemporary Spine Surgery* **12**(4): 1.
- White, A.P., Grauer, J.N., Lawrence, J.P., Vaccaro, A.R.. Total disk arthroplasty; an evaluation of preconceived notions. *Spine Line* vol: 6 (2005)
- Mendel, R., White, A.P., Kerr, S., Albert, T.J., Vaccaro, A.R.: Update on Epidural Scar Prevention and CSF Leaks & Dural Repair. *Seminars in Spine Surgery* (2008)
- Lawrence, J.P., White, A.P., Rihn, J.A., Harris, E.B., Fernandez, C., Vaccaro, A.R.: Instrumentation of the Osteoporotic Thoracolumbar Spine. *Arthritis and Arthroplasty: The Spine*. Ludwig SC, Poelstra KA (Editors) Elsevier, Philadelphia PA (2009)
- White, A.P., Patel, D., Vosbikian, M., Harrop, J.S., Vaccaro, A.R.. Anterior column reconstruction with PEEK expandable cage for optimal MR imaging after resection of metastatic spinal tumor. *In Press, Orthopaedic Reviews* (2011)

LETTERS/BOOK FOREWORD/RECOGNITION/ ACKNOWLEDGEMENT/INTERVIEW

- **Vaccaro, A.R.**: The treatment of thoracolumbar spinal fractures. *JBJS* 2004
- Foreword: Spinal Arthroplasty A New Era In Spinal Care. Guyer, R.D. mZigler, J.E. (eds) Quality medical Publishing, Inc St Louis, Mi 2005 pp ix-x
- Recognition: Rahimi-Movaghar, V.: Efficacy of surgical decompression in the setting of complete thoracic spinal cord injury. *J. Spinal Cord Med.* 28: 1-6, 2005
- Letter to Spine regarding "A pilot study evaluating safety and efficacy of OP-1 putty (rhBMP-7) as a replacement for iliac crest autograft in posterolateral lumbar arthrodesis for degenerative spondylolisthesis" *Spine* 2004;29:1885-92. *Spine* 31:851-852, 2006
- Becoming a spine fellow. AOSpine International, *InSpine* 1-06 2:5, 2006
- Interview: Disk Regeneration. *Orthopaedics*. 29:1074-5, 2006
- Letter to editor. Rahimi-Movaghar, V. Clinical trial for the treatment of spinal cord injury: Cervical and lumbar enlargements versus thoracic area. *Brain*, E1-2, Nov. 2008 acknowledgement for editorial assistance.
- Letter to the editor: Rahimi-Movaghar, V., **Vaccaro, A.R.**: Re: Usul H, Arslan E, Cansever T, et al. Effects of clotrimazole on experimental spinal cord ischemia/reperfusion injury in rats. *Spine* 2008;33:2863–7. *Spine*, 34:1884-6, 2009
- Letter to editor. Rahimi-Movaghar, V., **Vaccaro, A.R.** Sensory anal examination in spinal cord injury. Letter to editor. *Spinal Cord* 2009
- Letter to the editor. A higher complication rate may be evidence of a less experienced

- surgeon. Rahimi-Movaghar, V., **Vaccaro, A.R.**: Accepted to JAMA 2009
- Letter to editor: Reduction of hospital stay can not be considered as a reason for early stabilization for thoracic spine fractures. Rasouli, M.R., Rahimi-Movaghar, V., **Vaccaro, A.R.**: J of Trauma 68:751:2010
 - Letter to editor: Comparing Surgical Treatments for Sciatica. Rahimi-Movaghar, V., Rasouli, M.R., **Vaccaro, A.R.**: JAMA 302: 2202-2203, 2009.
 - Acknowledgement editing: Rahimi-Movaghar, V.: Controlled evaluation of injury in an international Safe Community: Kashmar, Iran Public Health. 124:190-197, 2010
 - **Vaccaro, A.R.**: Message from the ASIA president. The J. Spinal Cord Medicine. 33:104:2010
 - Patient Outcomes vs a Minimally Invasive Approach in Lumbar Spinal Stenosis: Which is More Important? Rahimi-Movaghar, V., Rasouli, M.R., **Vaccaro, A.R.** J. Neurosurgery, 67:E1180; 2010
 - Book Foreword: Spinal Infections & Trauma. S. Rajasekaran Chief Ed., Ass ed: Jain, A.K., Shetty, A.P., Kanna, R.M. Jaypee publishers, India 2011
 - Letter to the editor. Barzilay, B., Shoval, N., Liebergall, M., Auslander, G., Birenboim, A., Isaacson, M., **Vaccaro, A.R.**, Kaplan, L.: Assessing the Outcomes of Spine Surgery Using Global Positioning Systems. Accepted to Spine, 2011
- **Book Chapters**
 - **Vaccaro, A.R.**, H.S. An, and J.M. Cotler: Transpedicular fixation of the spine using the Variable Screw Placement System. In An, H.S., J.M. Cotler (eds.) Spinal Instrumentation. Baltimore, William and Wilkins, 1992, pp. 197-217
 - **Vaccaro, A.R.**, and P.D. Pizzutillo: Management of the pediatric spinal cord injury patients. Levine, A, Eismont, F, Garfin, S, Zigler, J (eds), In Spine Trauma, W. B. Saunders Co., pp 544-561, Philadelphia, PA 1998.
 - **Vaccaro, A.R.**: The Costotransversectomy Approach To The Spine. In Albert, T.J., Balderston, R.A., and Northrup, B.E. (eds.) Surgical Approaches to the Spine. Philadelphia: W.B. Saunders Co., pp. 133-144, 1997.
 - **Vaccaro, A.R.**, and J.M. Cotler: Traumatic injuries of the adult upper cervical spine. In An H.S. Simpson, J.M. (eds.) Surgery of Cervical Spine Fractures. Martin Dunitz Ltd: London, 1994, pp. 227-266.
 - **Vaccaro, A.R.**, Ahmad, S.S. Garfin, S. Rauschnig, W.: Anatomy and Pathophysiology of spinal cord injury. Levine, A, Eismont, F, Garfin, S, Zigler, J, (eds.) Spine Trauma, WB Saunders, 1998, pp 75-86.
 - **Vaccaro, A.R.**, An, H.S.: Anterior exposures of the cervicothoracic junction. In An, H.S. and L. Reilly (eds.): An Atlas of Surgery of the Spine. London: Martin Dunitz Ltd, pp.113-130, 1998.
 - **Vaccaro, A.R.**, J.M. Cotler: Upper cervical spine injuries in the adult. In An, H.S. (eds): Principles and Techniques of Spine Surgery. Williams & Wilkins, Baltimore, MD 1997, pp 331-358.
 - **Vaccaro, A.R.**, Rushton, S., Northrup, B.: Argument for Re-Operation for Failed Spinal Fusion: Augmentation of Fusion with Spinal Stimulation or Not. In Spine Surgery, Techniques, Complications, Avoidance and Management. Benzel, E (ed) Churchill Livingstone, 1998, pp. 1525-1528, Philadelphia, PA.
 - **Vaccaro, A.R.**, Weis, L., Northrup, B.: Argument against Allograft. In Spine Surgery, Techniques, Complications, Avoidance and Management. Benzel, E (ed), Churchill Livingstone, 1998, pp. 1516-1518, Philadelphia, PA.
 - **Vaccaro, A.R.**, Bergmann, K., Botte M., Lavernia, C., Garfin, S.R.: Spinal Orthoses in the Management of Spine Trauma. Levine A., Eismont F., Garfin, S., Zigler, J. (eds), Spine Trauma, WB Saunders, 1998, pp.171-195.

- Balderston, R.A., **Vaccaro, A.R.** Surgical Treatment of Adult Degenerative Spondylolisthesis. In S.W. Weisel, J.N. Weinstein, H.H. Herkowitz, J. Dvorak (eds.) The Lumbar Spine, 2nd Edition. W.B. Saunders, Philadelphia, PA, 1996, pp. 700-710.
- **Vaccaro, A.R.**, Botte, M.J., Lind, B.I., Garfin, S. Cervical Orthotics including Traction and Halo Devices. In the Cervical Spine, Third Edition. The Cervical Spine Research Society. Clark, C.R. ed. Lippincott-Raven, Philadelphia, 1998, pp 113-142.
- **Vaccaro, A.R.**, Silveri, C., Balderston, R.A. Nonsurgical and surgical treatment of thoracolumbar burst fractures. Spinal Surgery. 1997 (In Press).
- **Vaccaro, A.R.**: The efficacy of Posterior Cervical Stabilization in the Treatment of Cervical Spine Facet Dislocations with neurologic injury. Controversies in Spinal Surgery. Zdeblick T.A., Benzel E.C., Anderson P. 1998 (eds) (In Press).
- Cotler, J.M., **Vaccaro, A.R.**, Mikles, M.; Surgical management. In Controversies In Spine Surgery. Zdeblick, T.A., Benzel, E.C., Anderson, P.A., Stillerman, C.B. eds Quality medical publishers. St. Louis, MI. 1999, pp. 262-270.
- **Vaccaro, A.R.**, Mirkovic, S.R., Bauer, D., Garfin, S.R.: Revision Lumbar and Cervical Degenerative Spine Surgery - Indications and Techniques. In The Textbook of Spinal Surgery, 2nd Edition, Bridwell, K.H., DeWald, R.L. (eds.), Lippincott-Raven, Philadelphia, 1997, pp. 1457-1494.
- Garfin S.R., **Vaccaro, A.R.** Degenerative Spondylolisthesis: Fusion With And Without Instrumentation. Weinstein, J.N., Gordon, S.L. (eds.). Am. Acad. Ortho. Surg., Rosemont, IL, 1997, pp. 677-687.
- **Vaccaro A.R.**, Singh, K.: Cervical Spine Instrumentation in Trauma. In Spinal Instrumentation, Baltimore, Williams and Wilkins, 1998.
- **Vaccaro A.R.**, Garfin S.: Bone Graft (Interbody) Techniques. In Spinal Instrumentation, Baltimore, Williams and Wilkins, 1998.
- **Vaccaro A.R.**, Rosenberg J.: Revision Surgery for Cervical Tumors. In Spinal Instrumentation. Baltimore, Williams and Wilkins, 1998.
- **Vaccaro, A.R.**, Singh, K. The Role of Anterior Column Reconstruction in Revision Surgery for Cervical Degenerative Spinal Disorders. Devlin, V. (ed) In Spine: State of the Art Reviews 12(3): Sept. 1998, Hanleg & Belfus, Philadelphia, PA.
- Balderston, R.A., Albert, T.J., **Vaccaro, A.R.** Adult Scoliosis. In An, H.S. (ed): Principles and Techniques of Spine Surgery. Willams & Wilkins, Baltimore, J.D., pp 475-488, 1998.
- Botte, M.J., Garfin, S.R., Bergman, K., Byrne, T., **Vaccaro, A.R.** Spinal Orthoses for Traumatic and Degenerative Disease. Rothman, R., Simeone, F. (eds).W.B. Saunders, pp. 1097-1124 Philadelphia 1998.
- Albert, T.J., Jones, A., Balderston, R., **Vaccaro, A.R.**: Spinal Instrumentation. In the Spine, Rothman, R, Simeone, F, (eds). WB Saunders, Philadelphia PA, pp.1641-1660, 1998.
- **Vaccaro, A.R.**, Klein, G.R. Combined Anterior and Posterior Reconstructive Surgery For Fracture Dislocations of the Thoracic Spine. In Techniques of Fracture Surgery. Tornetta P. Ed Mosby Phil 1999.
- **Vaccaro, A.R.**, Charlton, W., Cotler, J. Principles of Revision Surgery Following Failed Cervical Spinal Injury. In Revision Spine Surgery. Marquies, J.Y., Aebi, M., Farley, J.P. (eds) Mosby. Philadelphia, PA. P 342, 1999.
- **Vaccaro, A.R.**, Singh, K.: Thoracolumbar Injuries: Nonsurgical Treatment. In Orthopaedic Knowledge Update Trauma 2: Ch 35, 383-388, 2000.
- Vanichkachorn J, **Vaccaro A.R.**, An, H.: Pedicle Screw Instrumentation. In Spinal Instrumentation, 2nd Edition, An, H., Cotler, J. (Eds) Baltimore, Lippincott, Williams and Wilkins, 1999.
- An H, Jenis L, **Vaccaro A.R.**: Adult Spine Trauma. In Orthopaedic Knowledge Update - Home Study Syllabus #6. American Academy of Orthopaedic Surgeons, Rosemont, IL, Beaty J.H. (ed), pp. 653-

672, 1999.

- **Vaccaro, A.R.**, Rosenberg J.: Bone Biology. Textbook Of Neurologic Surgery: Principles and Practice. Batjer and Loftus eds. Lippincott Williams & Wilkins New York, N.Y 2002. pp. 1568-1576.
- **Vaccaro, A.R.**, Blam, O., Devry, A., Albert, T.J.: Cervical Spine Trauma. In Orthopaedics. Fitzgerald, R.H., Kaufer, H., Malkans, A.L (eds) Section 3(22) pp. 446-461.
- Savas, P., **Vaccaro, A.R.**, Albert, T.J.: Thoracolumbar Spine Injuries. In Orthopaedics. Fitzgerald, R.H., Kaufer, H., Malkans, A.L. (eds) Section 3(23) pp. 462-471 2002
- **Vaccaro, A.R.**, Zlotolow, D.: Spinal Stenosis. In Orthopaedics. Fitzgerald, R.H., Kaufer, H., Malkans, A.L. (eds) Section 8 (7) pp. 1174-1184. 2002.
- **Vaccaro A.R.**, Zlotolow, D: The Management of subaxial Cervical Spine Fractures. In Rockwood and Green. 5th edition. Bucholts, R.W., Heckman, J.D. eds. pp. 1375-1403.
- **Vaccaro, A.R.**, Zlotolow, D.A., Blam, O.: The Lower Cervical Spine in spinal cord injury. In spina cord injuries, State of the art Reviews. Jens R.Chapman (ed) Hanley & Belfus, Inc. Philadelphia, Pa 1999, pp.489-506..
- **Vaccaro, A.R.**, (contributing author):. Evaluation and the health professions; clinical outcomes management and disease staging. Markson D.B., Nash, D.Z., Louis, I.S., Gonella J.(Eds.).Sage publishing Inc. Newbury Park C.A. 2003.
- **Vaccaro, A.R.**, Singh, K.; Posterior wiring techniques of the spine. Thieme pub. London, Eng. Merola, Hayer eds. Pp. 52-61, 2003
- **Vaccaro, A.R.**, Jacoby, S.: Thoracolumbar Fractures and Dislocaitons. Orthopaedic Knowledge Update Spine 2. 263, 2000.
- **Vaccaro, A.R.**, Blam, O.: Adult Spine Trauma. Orthopaedic Knowledge Update 7. The Adult Spine. 593-607, 2002.
- Ehrler, D. M., **Vaccaro, A. R.**: Thoracic Disc Herniation: Anterior Approach. Case 7, 52, Master Cases: Spine Surgery, Thieme pub. London, Eng., 2000
- Ehrler, D. M., **Vaccaro, A. R.**: Thoracic Disc Herniation: Posterior Approach. Case 8, 61, Master Cases: Spine Surgery, Thieme pub. London, Eng., 2000
- Tydings, J., **Vaccaro, A.R.**, Minotti, P.: Axial Low Back Pain: Minimally Invasive Laparoscopic Approach, in Master Cases: Spine Surgery, Case 17, 136, Thieme pub. London, Eng., 2000
- Singh, K., **Vaccaro, A.R.**: Intradural Disc Herniation – Lumbar Spine, in Master Cases: Spine Surgery, Case 19, 150, Thieme pub. London, Eng., 2000
- **Vaccaro, A R**, Singh, K., Donohue, J.C.: Spinal Meningeal or Perineural Cysts, in Master Cases: Spine Surgery, Case 20, 157, Thieme pub. London, Eng., 2000
- Sharan, A.D., **Vaccaro, A.R.**, Albert, T.J.: Ankylosing Spondylitis- Cervical Osteotomy, in Master Cases: Spine Surgery, Case 27, 215, Thieme pub. London, Eng., 2000
- Kramer, D.L., Shah, S.A., Klein, G.R., **Vaccaro, A.R.**, Cotler, J.M.: Traumatic Injuries of the Occipitocervical Junction. Master Cases: Spine Surgery, Case 36, 288, Thieme pub. London, Eng., 2000
- Klein, G.R., Shah, S.A., **Vaccaro, A.R.**: Bilateral Cervical Facet Joint Dislocation without Neurologic Deficit, in Master Cases: Spine Surgery, Case 37, 297, Thieme pub. London, Eng., 2000
- Shah, S.A., Vaccaro A.R., Becker, C.E.: Fixed Traumatic Atlantoaxial Rotatory Deformity, in Master Cases: Spine Surgery, Case 38, 305, Thieme pub. London, Eng., 2000
- Vanichkachorn, J.S., Vaccaro A.R.: Primary Tumor of the Cervical Spine, in Master Cases: Spine Surgery, Case 44, 354, Thieme pub. London, Eng., 2000
- Savas, P.E., Gabos, P.G., **Vaccaro, A.R.**: Congenital Scoliosis, in Master Cases: Spine Surgery, Case 48, 391, Thieme pub. London, Eng., 2000
- Albert, T.J., **Vaccaro, A.R.**: Postlaminectomy Kyphosis, in Master Cases: Spine Surgery, Case 51, 420, Thieme pub. London, Eng., 2000

- Bush, J.L., Horn, D., **Vaccaro, A.R.**: Achondroplasia- Cervical Postlaminectomy Kyphosis, in Master Cases: Spine Surgery, Case 59, 479, Thieme pub. London, Eng., 2000
- Morreale, J., Silber, J., **Vaccaro, A.R.**: The Rheumatoid cervical spine. Textbook of Neurosurgery. 2001.
- Madigan, L., **Vaccaro, A.R.**, Silber, J.: The management of postoperative discitis. Textbook of Neurosurgery. 2001
- Silber, J., **Vaccaro, A.R.**: Kyphoplasty, a new method of minimally invasive treatment for the painful osteoporotic compression fracture. Textbook of Radiology, 2001
- **Vaccaro, A.R.**, Sharon, A.: Surgical exposure of the vertebral artery. Atlas of cervical spine surgery. Saunders, 2002.
- Anderson, G. **Vaccaro, A.R.**: The use of Bone Morphogenetic Proteins in Spinal Applications. Advances in Biologic Technologies. Boden, S. editor, 2002.
- Moulton, N. **Vaccaro, A.** Cotler, J.: Posterior Cervical Approach: Decompression - Open Reduction of Unilateral and Bilateral Facet Dislocations. Spine Surgery: Tricks of the Trade. Thieme publishers. London, England, pp.12-13, 2002.
- Moulton, M. **Vaccaro, A.** Posterior Cervical Approach: Arthrodesis/ Instrumentation. Anterior Bone Graft Placement in the Cervical Spine. Spine Surgery: Tricks of the Trade. Thieme publishers. London, England 2001.
- Silveri, C. **Vaccaro, A.** Posterior Cervical Approach: Arthrodesis/ Instrumentation. C2, C1 Transarticular Screw Placement. Spine Surgery: Tricks of the Trade. Thieme publishers. London, England, pp.26-27, 2002.
- Moulton, M. **Vaccaro, A.** Posterior Cervical Approach: Arthrodesis/ Instrumentation. Cervical Pedicle Screw Placement. Spine Surgery: Tricks of the Trade. Thieme publishers. London, England, pp.28-29, 2002.
- Moulton, M. **Vaccaro, A.** Posterior Cervical Approach: Arthrodesis/ Instrumentation. Cervical Lateral Mass Screw Placement (C3-C7). Spine Surgery: Tricks of the Trade. Thieme publishers. London, England, pp.30-31, 2002.
- Abitbol, Dowling, **Vaccaro, A.** Posterior Cervical Approach: Arthrodesis/ Instrumentation. Spinous Process (Triple Wiring) and Facet Wiring Techniques. Spine Surgery: Tricks of the Trade. Thieme publishers. London, England, pp.32-34, 2002.
- Morreale, J. **Vaccaro, A.** Anterior Cervical Approach: Decompression. Transoral Odontoid Resection. Spine Surgery: Tricks of the Trade. Thieme publishers. London, England, pp.48-49, 2002.
- Moulton, M. **Vaccaro, A.** Anterior Cervical Approach: Decompression. Application of Halo Orthosis. Spine Surgery: Tricks of the Trade. Thieme publishers. London, England, pp.52-53, 2002.
- Dvorak, M., Moulton, M. J.R., **Vaccaro, A. R.**, Anterior Cervical Graft Placement Techniques. Spine Surgery: Tricks of the Trade. Thieme publishers. London, England, pp.62, 2002.
- Nachwalter, R. **Vaccaro, A.** Anterior Cervical Approach: Arthrodesis/ Instrumentation. C1-C2 Arthrodesis – Lateral Approach of Barbour and Whitesides. Spine Surgery: Tricks of the Trade. Thieme publishers. London, England, pp.66-67, 2002.
- Nachwalter, R. **Vaccaro, A.** Anterior Cervical Approach: Arthrodesis/ Instrumentation. C1, C2 Fusion Technique – Anterior Approach. Spine Surgery: Tricks of the Trade. Thieme publishers. London, England, pp.68-71, 2002.
- Morreale, J. **Vaccaro, A.** Posterior Thoracic Approach: Arthrodesis/ Instrumentation. Sublaminar Wire Placement. Spine Surgery: Tricks of the Trade. Thieme publishers. London, England, pp.86-87, 2002.
- Coe, J. **Vaccaro, A.** Posterior Lumbar Approach: Decompression. Dural Repair Techniques. Spine Surgery: Tricks of the Trade. Thieme publishers. London, England, pp. 144-145, 2002.

- Vanichkachorn, J. **Vaccaro, A.** Posterior Lumbar Approach: Arthrodesis/ Instrumentation. Sacral A1a and S2 Pedicle Screw Placement. Spine Surgery: Tricks of the Trade. Thieme publishers. London, England, pp.178-180, 2002.
- Tydings, J. **Vaccaro, A.** Anterior Lumbar Approach: Decompression. Anterior Lumbar Interbody Surgery – Open Approach. Spine Surgery: Tricks of the Trade. Thieme publishers. London, England, pp. 186-188, 2002.
- Tydings, J. **Vaccaro, A.** Anterior Lumbar Approach: Decompression. Lumbar Interbody Procedures – Laparoscopic Approach. Spine Surgery: Tricks of the Trade. Thieme publishers. London, England, p. 189, 2002.
- Steinmetz, M.P., Kager, C.D., **Vaccaro, A.R.**, Benzel, E.C.: Kyphotic cervical deformity correction. Spine Surgery, Techniques, Complications, Avoidance and Management 2nd ed. E. Benzel (ed) Elsevier Churchill Livingstone. 788-795, 2004.
- **Vaccaro, A.R.**, Carrino, J. Management of symptomatic vertebral compression-Vertebroplasty. In Spine Surgery, Techniques, Complications, Avoidance and Management 2nd ed. E. Benzel (ed) Elsevier Churchill Livingstone. 2092-2102, 2004.
- Singh, K., Erdos, J., Sah. A., **Vaccaro, A.R.**, McClain, R.: The value of surgical intervention in spinal trauma. In Spine Surgery, Techniques, Complications, Avoidance and Management 2nd ed. E. Benzel (ed) Elsevier Churchill Livingstone. 1367-1372, 2004.
- Westerlund, E., **Vaccaro, A.R.**, Stillerman. Cervical spine trauma Spine Surgery, Techniques, Complications, Avoidance and Management 2nd ed. Ed E. Benzel Harcourt Press 2002.
- **Vaccaro, A.R.**, Jay, Northrup, B.: The use of external electrical stimulation for spinal fusion Spine Surgery, Techniques, Complications, Avoidance and Management 2nd ed. Ed E. Benzel Harcourt Press 2002.
- **Vaccaro, A.R.**, Jay. The use of allo vs. autograft in spinal fusion. Spine Surgery, Techniques, Complications, Avoidance and Management 2nd ed. Ed E. Benzel Harcourt Press 2002.
- Schwartz, D., **Vaccaro, A.R.**: Electrophysiologic monitoring in Cervical spinal surgery. Cervical Spine Research Society. Lippincott 2002
- Freedman, M K., **Vaccaro, A.R.**, Daffner, S.D., Fried, G.: Rehabilitation of the patient with tetraplegia and paraplegia. The Spine. Frymoyer J.W., Wiesel, S.W. eds. 2004 pp. 617-632
- Silber, J.S, **Vaccaro, A.R.**: Management of failed surgery: Posttraumatic spinal deformity. The Lumbar Spine. Third Edition. International Society for the Study of the Lumbar Spine. Herkowitz, H.N., Dvorak, J., Bell, G., Nordin, M., Grob, D.: pp.897-905 2004.
- Singh, K., **Vaccaro, A.R.**: Computer assisted image guided surgery in cervical spine surgery. Operative Techniques in Orthopaedics. Sasso, R. ed 2002.
- Singh, K., **Vaccaro, A.R.**: Surgical approaches to the cervical spine. Spine Secrets. Devlin, V. ed, pp187-193. 2003
- Singh, K., **Vaccaro, A.R.**: Cervical Spine Instrumentation. Spine Secrets. Devlin, V. ed pp. 208-217, 2003
- Ciminello, A., Kim, D., **Vaccaro, A.R.**: Bone graft alternatives in spinal surgery. In Bone Graft alternatives in spinal Surgery. Gunzburg, R., Szpalski, M., and Anderson, G., eds. Lippincott, Williams and Wilkins. 2003
- Harrop, J.S., **Vaccaro, A.R.**, Foley, K.T., Kalfas, I.H.: Trauma surgery. Thoracic and thoracolumbar spine: In Spine Surgery, Techniques, Complications, Avoidance and Management, 2nd Edition E.C. Benzel (ed) Elsevier Churchill Livingstone 544-562, 2004
- **Vaccaro, A.R.**, Singh, K.: Vertebral artery injuries associated with cervical trauma. In Rothman and Simeone The Spine 5th edition. Saunders, Philadelphia, Pa. pp.1197-1202, 2006.
- Singh, K., Kim, D., **Vaccaro, A.R.**: Thoracic and lumbar spinal injuries. In Rothman and Simeone The Spine 5th edition. Saunders, Philadelphia, Pa. pp.1132-1156, 2006

- Kim, D., **Vaccaro, A.R.** Return to play criteria for the athlete. Current Opinion. Lippincott and Wilkins. 2002.
- Kim, D., **Vaccaro, A.R** Bone Graft extenders. Current Opinion. Lippincott and Wilkins. 2002.
- Blam OG, Ehrler DM, Rauschnig W, Vaccaro AR. Anatomy and Pathophysiology of Traumatic Spinal Cord Injury. Fractures of the Cervical, Thoracic and Lumbar Spine. Marcel Dekker, New York, NY 2002, pp.9-21.
- Vives MJ, Garfin SR, Abitbol JJ, Vaccaro AR. Timing of Surgery Following Spinal Cord Injury. Fractures of the Cervical, Thoracic and Lumbar Spine. Marcel Dekker, New York, NY 2002, pp. 57-67.
- Brummett R, Rushton S, Vaccaro AR. Imaging in Spinal Trauma. Fractures of the Cervical, Thoracic and Lumbar Spine. Marcel Dekker, New York, NY 2002, pp. 81-102.
- Milam RA, Silber JS, Vaccaro AR. Traumatic Injuries of the Occipito-Cervical Junction. Fractures of the Cervical, Thoracic and Lumbar Spine. Marcel Dekker, New York, NY 2002, pp.117-126.
- Vaccaro AR, Silber JS, Milam A, Bassewitz HL, Herkowitz HN, Kubeck JP. Atlantoaxial Rotatory Stability. Fractures of the Cervical, Thoracic and Lumbar Spine. Marcel Dekker, New York, NY 2002, pp.127-137.
- Vives MJ, Vaccaro AR, Abitbol JJ, Compressive Flexion Injuries of the Cervical Spine. Fractures of the Cervical, Thoracic and Lumbar Spine. Marcel Dekker, New York, NY 2002, pp.207-217.
- Burton DC, Noack J, Vaccaro AR, Anderson DG. Cervical Orthoses and Halo-Vest Management. Fractures of the Cervical, Thoracic and Lumbar Spine. Marcel Dekker, New York, NY 2002, pp.279-297.
- Ludwig SC, Rumi MN, Vaccaro AR, Albert TJ. Posterior Cervical Fixation. Fractures of the Cervical, Thoracic and Lumbar Spine. Marcel Dekker, New York, NY 2002, pp.347-364.
- Zeidman SM, Silva MT, Rubery PT, Vaccaro AR. Posterior Cervical Decompression Techniques. Fractures of the Cervical, Thoracic and Lumbar Spine. Marcel Dekker, New York, NY 2002, pp.365-372.
- Quartararo LG, Vaccaro AR, Kubeck JP, Carbone JJ, Chapman J. Spinopelvic Fixation Techniques. Fractures of the Cervical, Thoracic and Lumbar Spine. Marcel Dekker, New York, NY 2002, pp.533-542.
- Quartararo LG, Vaccaro AR, Carbone JJ, Kubeck JP, Saxena A. Anterior Thoracotomy and Corpectomy for Treatment of an Unstable Burst Fracture. Fractures of the Cervical, Thoracic and Lumbar Spine. Marcel Dekker, New York, NY 2002, pp.569-579.
- Quartararo LG, Vaccaro AR, Carbone JJ. Spinal Injuries in the Setting of Diffuse Idiopathic Skeletal Hyperostosis. Fractures of the Cervical, Thoracic and Lumbar Spine. Marcel Dekker, New York, NY 2002, pp.619-623.
- Ghanayem AJ, Vaccaro AR, Blam OG, Kubeck JP. Surgical Complications Related to Management of Traumatic Spinal Injuries. Fractures of the Cervical, Thoracic and Lumbar Spine. Marcel Dekker, New York, NY 2002, pp.709-716.
- Puschak T, Vaccaro A,, Rauschnig, W., Taliwal, R,, Relevant Surgical Anatomy of the Cervical, Thoracic and Lumbar Spine. Principles and Practice of Spinal Surgery. Mosby, Philadelphia, PA p. 15, 2002.
- St. John T, Handling M, Daffner S, **Vaccaro, AR.** The Aging Lumbar Spine: The Pain Generator. Principles and Practice of Spinal Surgery. Mosby, Philadelphia, PA, pp 83-96, 2002.
- Freedman M, Brislin B, Vaccaro A, O'Neil C, Coe J, Maurer P, O'Brien E. Invasive Spinal Diagnostics. Principles and Practice of Spinal Surgery. Mosby, Philadelphia, PA pp 97-114, 2002.
- Vaccaro A, Harris B, Madigan L. Spinal Infections, Pyogenic Osteomyelitis, and Epidural Abscess. Principles and Practice of Spinal Surgery. Mosby, Philadelphia, PA pp 165-174, 2002.
- Vaccaro A, Singh K, Thalgott J, Giuffre J, Regan J. Minimally Invasive Approaches to the Lumbar Spine. Principles and Practice of Spinal Surgery. Mosby, Philadelphia, PA pp 275-282, 2002.

- Vaccaro A, Harris B, Singh K. Pharmacology and Timing of Surgical Intervention for Spinal Cord Injury. Principles and Practice of Spinal Surgery. Mosby, Philadelphia, PA pp 407-414, 2002.
- Klein G, Vaccaro A. Cervical Spine Trauma: Upper and Lower. Principles and Practice of Spinal Surgery. Mosby, Philadelphia, PA pp 441-462, 2002.
- Vaccaro A, Harris B, Watkins B. Cervical Spine Injuries in the Athlete: Return-to-Play Criteria. Principles and Practice of Spinal Surgery. Mosby, Philadelphia, PA. pp 463-468, 2002.
- Buono L, Shah S, Frueh W, Saxena A, Vaccaro A. Congenital Intraspinous Abnormalities of the Cervical, Thoracic, Lumbar and Sacral Spine. Principles and Practice of Spinal Surgery. Mosby, Philadelphia, PA pp 629-648, 2002.
- Albert T, Vaccaro A, Brislin B. Postlaminectomy Cervical Kyphosis. Principles and Practice of Spinal Surgery. Mosby, Philadelphia, PA pp 745-754, 2002.
- Anderson G, Vaccaro A, Gavin K, Fromal A. Spinal Orthoses. Principles and Practice of Spinal Surgery. Mosby, Philadelphia, PA pp 783-802, 2002.
- **Vaccaro, A.R.**, Rosenfeld, J.F.: Cervical Spine:Tumor. In The Failed Spine. Boden, S.D., Bohlman, H.H., eds Lippincott Williams & Wilkins, Philadelphia, pp.88-98, 2002.
- Massicotte, E.M., Fehlings, M.G., **Vaccaro, A.R.**: Ventral and ventrolateral decompression and fusion. Spine Surgery, Techniques, Complications, Avoidance and Management. 2nd edition. E. Benzel (ed) 407-428, 2004
- Singh, K., **Vaccaro, A.R.**: Spine: Craniocervical injuries: Jefferson fracture, Hangman's fracture, Odontoid fracture. In Essentials of Musculoskeletal Imaging. Johnson,T.R., Steinbach,L.S. eds American Academy of Orthopaedic Surgeons, American Academy of Pediatrics. Rosemont, Ill. Pp 679-747, 2004
- Singh, K., Eichenbaum, M.D., Fitzhenry, L.N., **Vaccaro, A.R.**: The management of thoracolumbar trauma, the anterior approach. AAOS Monograph series. pp.79-84, 2004
- Ciminiello, A.M., Kim, D.H., **Vaccaro, A.R.**: Bone graft alternatives in spinal surgery. Gunzburg, Szpalski, Eds, Degenerative Disc Disease. Lippincott, Williams and Wilkins pp. 139-154, 2004
- Fitzhenry, L.N., **Vaccaro, A.R.**: Spinal Trauma. www.emedit.com/spinal_trauma. EMEDIT Interactive learning Solutions Graduate Education Foundation 2003
- Eichenbaum, M.D., **Vaccaro, A.R.**: Axial back pain. www.emedit.com/lowbackpain. EMEDIT Interactive learning Solutions Graduate Education Foundation 2003
- Goins, M.L., **Vaccaro, A.R.**: Cervical Degenerative Disk Disease. www.emedit.com/cddd. EMEDIT Interactive learning Solutions Graduate Education Foundation 2003
- Kim, D.H., **Vaccaro, A.R.**, Henderson, F.C., Benzel, E.C.: Neural injury at the molecular level. Spine Surgery Techniques, Complication avoidance, and management. E.Benzel (ed) 2nd edition. Elsevier Churchill Livingstone 100-108, 2004.
- Singh,K., Erdos,J., Sah,A., **Vaccaro, A.R.**, Mclain,R.F.: The value of surgical intervention in spinal trauma. Textbook of Neurosurgery. 2004
- **Vaccaro, A.R.**, Kim, D.H., Brodfke,D.S., Harris,M., Chapman, J.R., Schildhauer,T., Routt, M.L.C., Sasso, R.C.:Diagnosis and Management of Thoracolumbar Spine Fractures. Instructional Course Lectures 53,359-374 2004
- **Vaccaro, A.R.**, Kim, D.H., Brodfke,D.S., Harris,M., Chapman, J.R., Schildhauer,T., Routt, M.L.C., Sasso, R.C.:Diagnosis and Management of Spine Fractures. Instructional Course Lectures 53,375-388 2004
- Singh, K., Erdos, J., Sah, A.R., **Vaccaro, A.R.**, Mclain, R.F.: Chapter 102:The value of surgical intervention in spinal trauma. Textbook of neurosurgery. Benzel, E. (ed) 2004
- **Vaccaro, A.R.**, Salinsky, J.P., Northrup, B.E.: Chapter 163:Argument for spinal stimulation. Textbook of neurosurgery. Benzel, E. (ed) 2004
- **Vaccaro, A.R.**, Salinsky, J.P., Northrup, B.E.: Chapter 161:Argument for autograph. Textbook of

neurosurgery. Benzel, E. (ed) 2004

- Kim, D.H., Chun, Y.S., **Vaccaro, A.R.**, Hilibrand, A.S., Albert, T.J.: Complications of iliac crest bone graft harvesting. An, H. (ed). In *Complications of Spinal Surgery*. 2005
- Singh, K., **Vaccaro, A.R.**, Di Martino, A., Pahl, M.A.: The management of complications associated with treatment of posttraumatic deformity of the thoracolumbar spine. *Complications of Spine Surgery: Treatment and Prevention*. An, H.S., Jenis, L.G. eds. Lippincott Williams & Williams Philadelphia, 2006 pp 167-174
- Singh, K., Wimberly, D., **Vaccaro, A.R.**: Prevention and management of Posttraumatic deformities of the spine. Thieme 2005 Albert, T.J., Heary, B. (eds)
- Singh, K., **Vaccaro, A.R.**: Thoracic and Lumbar Trauma. Spine. Bono, C.M., Garfin, S.R. eds. *Orthopaedic Surgery essentials*. Series Editor Tornetta, P., Einhorn, T.A., pp. 45-57
- Henderson, F., Benzel, E.C., Kim, D.H., **Vaccaro, A.R.**: Pathophysiology of cervical myelopathy: biomechanical concepts. *Spine Surgery Techniques, Complication avoidance, and management*. E. Benzel (ed) 2nd edition. Elsevier Churchill Livingstone 160-168, 2004.
- Daffner, S.D., **Vaccaro, A.R.**, Stillerman, C.B., Westerlund, L.E.: *Spine Surgery Techniques, Complication avoidance, and management*. E. Benzel (ed) 2nd edition. Elsevier Churchill Livingstone 526-543, 2004.
- Anderson, D. Greg, **Vaccaro, A.R.**, Pahl, Michael: *The Foundation of Complication Identification, Preventions and Management*. *Complications of Pediatric and Adult Spinal Surgery*. Marcel Dekker. New York. pp.1-4, 2004.
- Quartararo, L, **Vaccaro, A.R.**, Kostuik, J.P.: *Complications in Revision Spine Surgery*. *Complications of Pediatric and Adult Spinal Surgery*. Marcel Dekker. New York. pp. 173-202, 2004.
- Sharan, A., Sharan, Alok, Harrop, J, **Vaccaro, A.R.**: *Complications Encountered During Surgery for Spinal Trauma*. *Complications of Pediatric and Adult Spinal Surgery*. Marcel Dekker. New York. pp. 203-216, 2004.
- Grauer, J., Beiner, J., Kwon, **Vaccaro, A.R.**, Albert T: *Cervical Postlaminectomy Kyphosis*. *Complications of Pediatric and Adult Spinal Surgery*. Marcel Dekker. New York. pp. 259-270, 2004.
- Silver, J, **Vaccaro, A.R.** *Posttraumatic Thoracolumbar Kyphosis*. *Complications of Pediatric and Adult Spinal Surgery*. Marcel Dekker. New York. pp. 257-268, 2004.
- Regan, J., Anand, N. Khoo, L. Virella, A., Pahl, M. **Vaccaro, A.R.**: *Complications of Minimally Invasive Spinal Surgery – Part II: Thoracoscopy*. *Complications of Pediatric and Adult Spinal Surgery*. Marcel Dekker. New York. pp. 525-536, 2004.
- Regan, J., Anand, N. Khoo, L. Virella, A., Pahl, M. **Vaccaro, A.R.**: *Complications of Minimally Invasive Spinal Surgery – Part III: Laparoscopy*. *Complications of Pediatric and Adult Spinal Surgery*. Marcel Dekker. New York. pp. 537-546, 2004.
- Yeung, A., Savitz, M, Khoo, L, Virella, A., Pahl, M, **Vaccaro, A.R.**: *Complications of Minimally Invasive Spinal Procedures and Surgery – Part IV: Percutaneous and Intradiscal Techniques*. *Complications of Pediatric and Adult Spinal Surgery*. Marcel Dekker. New York. pp. 547-572, 2004.
- Quartararo, L, **Vaccaro, A.R.**: *Complications Associated with House Staff Involvement in the Patient Care*. *Complications of Pediatric and Adult Spinal Surgery*. Marcel Dekker. New York. pp. 753-758, 2004.
- Singh, K., Fitzpatrick, H., **Vaccaro, A.R.**: *Image guided surgery in minimally invasive spine surgery*. *Arthroscopic and Endoscopic Spine Surgery*. Human Press Totowa, N.J. pp. 335-350. 2005
- Anderson, D.G., **Vaccaro, A.R.**, Gavin, K.F.: *Cervical orthosis and cranioskeletal traction*. *The Cervical Spine*. 4th ed. Clark, C.R., Benzel, E.C., Currier, B.L., Dorman, J.P., Dvorak, J., Eismont, F., Garfin, S.R., Herkowitz, H.N., Ullrich, C.G., **Vaccaro, A.R.** (eds) Lippincott Williams & Wilkins, Baltimore. pp.110-121, 2004

- **Vaccaro, A.R.**, Schwartz, D.M.: The Cervical Spine. 4th ed. Clark, C.R., Benzel, E.C., Currier, B.L., Dorman, J.P., Dvorak, J., Eismont, F., Garfin, S.R., Herkowitz, H.N., Ullrich, C.G., **Vaccaro, A.R.** (eds) Lippincott Williams & Wilkins, Baltimore. pp.238-244, 2004
- Anderson, D.G., **Vaccaro, A.R.**: Classification of lower cervical spine injuries.: The Cervical Spine. 4th ed. Clark, C.R., Benzel, E.C., Currier, B.L., Dorman, J.P., Dvorak, J., Eismont, F., Garfin, S.R., Herkowitz, H.N., Ullrich, C.G., **Vaccaro, A.R.** (eds) Lippincott Williams & Wilkins, Baltimore. pp.651-659, 2004
- Coe, J.D., **Vaccaro, A.R.**: Complications of anterior cervical plating.
- The Cervical Spine. 4th ed. Clark, C.R., Benzel, E.C., Currier, B.L., Dorman, J.P., Dvorak, J., Eismont, F., Garfin, S.R., Herkowitz, H.N., Ullrich, C.G., **Vaccaro, A.R.** (eds) Lippincott Williams & Wilkins, Baltimore. pp.1147-1169, 2004
- Contributor, Manual of Cervical Spine internal Fixation. Papadopoulos, S. ed. Lippincott Williams and Wilkins, Philadelphia, 2004
- Fiscaro, M., Grauer, J., Beiner, J., Kwon, B., **Vaccaro, A.**: Basic Anatomy of the Cervical, Thoracic, Lumbar and Sacral Spine. Spine: Core Knowledge in Orthopaedics. Mosby, pp. 1-13, 2005.
- Malone, J., Harrop, J., Sharan, A., Eichenbaum, M., **Vaccaro, A.**: Physical Examination of the Spine. Spine: Core Knowledge in Orthopaedics. Mosby, pp. 14-32, 2005.
- Singh, K, An, H., **Vaccaro, A.**: Surgical Approaches to the Spine. Spine: Core Knowledge in Orthopaedics. Mosby, pp. 33-47, 2005.
- Rosen, M, Beiner, J., Kwon, B., Grauer, J., **Vaccaro, A.**: Herniation of the Nucleus Pulposus in the Cervical, Thoracic and Lumbar Spine. Spine: Core Knowledge in Orthopaedics. Mosby, pp. 66-82, 2005.
- Kwon, B., Levicoff, E., **Vaccaro, A.**: Surgical Management of Low Back Pain. Spine: Core Knowledge in Orthopaedics. Mosby, pp. 98-115, 2005.
- Lugo, R., Grauer, J., Beiner, J., Kwon, B., **Vaccaro, A.**, Albert T: Kyphosis of the Cervical, Thoracic and Lumbar Spine. Spine: Core Knowledge in Orthopaedics. Mosby, pp. 124-136, 2005.
- Shafi, B., Beiner, J., Grauer, J., Kwon, B. **Vaccaro, A.**: Lumbar Spondylolisthesis. Spine: Core Knowledge in Orthopaedics. Mosby, pp. 157-171, 2005.
- Kwon, B., Grauer, J., **Vaccaro, A.**: Pathophysiology and Pharmacologic Treatment of Acute Spinal Cord Injury. Spine: Core Knowledge in Orthopaedics. Mosby, pp. 255-266, 2005
- Harrop, J, Silva, M, Fiscaro, M., **Vaccaro, A.**: Spinal Cord Injury: Prehospital and Emergency Room Management, as well as Timing of Treatment. Spine: Core Knowledge in Orthopaedics. Mosby, pp. 267-273, 2005.
- Saxena, A., Silber, J., **Vaccaro, A.**: Cervical Spine Trauma. Spine: Core Knowledge in Orthopaedics. Mosby, pp. 274-289, 2005.
- Singh, K, Saxena, A., **Vaccaro, A.**: Thoracic and Lumbar Spine Trauma. Spine: Core Knowledge in Orthopaedics. Mosby, pp. 290-304, 2005.
- DiMartino, A, Eichenbaum, M, **Vaccaro, A.**: OASYS Occito-Cervico-Thoracic System. Spinal Instrumentation. Kim, D., **Vaccaro, A.R.**, Fessler, R. eds. Thieme, New York., pp.50-59, 2005.
- Singh, K, Ponnappan, R, Fiscaro, M., Brown, D, Saxena, A, **Vaccaro, A.**: Reflex Anterior Cervical Plate. Spinal Instrumentation. Kim, D., **Vaccaro, A.R.**, Fessler, R. eds. Thieme, New York., pp.226-231, 2005.
- Singh, K, Brown, D, Fiscaro, M, **Vaccaro, A.**: Bioabsorbable Plates for Anterior Cervical Fusion. Spinal Instrumentation. Kim, D., **Vaccaro, A.R.**, Fessler, R. eds. Thieme, New York., pp. 254-257, 2005.
- Singh, K, Brown, D, Fiscaro, M, Day, T, **Vaccaro, A.**: ApoFix Interlaminar Clamp System. Spinal Instrumentation. Kim, D., **Vaccaro, A.R.**, Fessler, R. eds. Thieme, New York., pp.351-356, 2005.
- Pahl, M, Leibold, N, **Vaccaro, A.**: MONARCH Spine System: Posterior Thoracic Spine. Spinal Instrumentation. Kim, D., **Vaccaro, A.R.**, Fessler, R. eds. Thieme, New York., pp. 617-726, 2005.

- Zeiller, S, **Vaccaro, A**: Pyramesh. Spinal Instrumentation. Kim, D., **Vaccaro, A.R.**, Fessler, R. eds. Thieme, New York., pp.792-794, 2005.
- Smith, H, Yuan, P, **Vaccaro, A**: Minimally Invasive Posterior Lumbar Spine Surgery: An Assessment of Exposure Techniques. Spinal Instrumentation. Kim, D., **Vaccaro, A.R.**, Fessler, R. eds. Thieme, New York., pp. 803-812, 2005.
- Smith, H, Yuan, P, **Vaccaro, A**: Xia Pedicle Screw Spinal System. Spinal Instrumentation. Kim, D., **Vaccaro, A.R.**, Fessler, R. eds. Thieme, New York., pp.960-966, 2005.
- Yuan, P, Smith, H, **Vaccaro, A**, Ozgur, B, Taylor, W: Triad Open and MaXcess Minimal Access Transforaminal Lumbar Interbody Fusion (TLIF). Spinal Instrumentation. Kim, D., **Vaccaro, A.R.**, Fessler, R. eds. Thieme, New York., pp.1038-1049, 2005.
- Smith, H, Yuan, P, **Vaccaro, A**: NeuroVision JJB System. Spinal Instrumentation. Kim, D., **Vaccaro, A.R.**, Fessler, R. eds. Thieme, New York., pp.1233-1238, 2005.
- Lee, J., Lim, M., **Vaccaro, A.R.**. Congenital Spinal Stenosis. Pediatric Spinal Deformity. Kim, D. ed 2006
- Singh, K, Fitzhenry, L.N., **Vaccaro, A.R.**: Frameless stereotactic imaging techniques. In Arthroscopic and endoscopic spinal surgery. Kambin, P. Editor. pp. 335-350. 2006
- Deepan, Talli, W., **Vaccaro, A.R.**: The management of a cervical burst fracture. Challenges in cervical spine surgery. Albert, T.J., Lee, J. (eds), Thieme 2007
- Laparoscopic Anterior Lumbar Interbody Fusion. In Minimally Invasive Spine Surgery. Marcel Decker, **Vaccaro, A.R.** Bono, C.M., (eds) 2007 pp 207-216
- Shields, D.C., Khoo, L.T., Goldberg, G., **Vaccaro, A.R.**: Anatomical Approaches for Minimally Invasive Spine Surgery. In Minimally Invasive Spine Surgery. Marcel Decker, Bono, C., **Vaccaro, A.R.** Bono, C.M., (eds) 2007. pp 1-12
- Oguz, E., Hammouri, Q.M., Grauer, J.N., Pahl, M.A., **Vaccaro, A.R.**: Definition and Classification of Minimally Invasive Spine Surgery. In Minimally Invasive Spine Surgery. Marcel Decker, Bono, C., **Vaccaro, A.R.** Bono, C.M., (eds) 2007. pp 19-24
- Puschak, T.J., Sasso, R.C., Tally, W., Patel, D., **Vaccaro, A.R.**: Endoscopic Laminotomy/ Foraminotomy for Herniated Cervical Disc. In Minimally Invasive Spine Surgery. Marcel Decker, Bono, C., **Vaccaro, A.R.** Bono, C.M., (eds) 2007. pp 63-72
- Singh, K., **Vaccaro, A.R.**: Percutaneous Nucleus Pulposus Technology. In Minimally Invasive Spine Surgery. Marcel Decker, Bono, C., **Vaccaro, A.R.** Bono, C.M., (eds) 2007. pp 371-376
- Kwon, B.K., **Vaccaro, A.R.**: Spinal cord injury: pathophysiology and current treatment strategies. In OKU Trauma 3, Baugaertner, Tornetta, P. (eds) AAOS Illinois, 2005 pp 281-292
- Kim, D.H., Chun, Y.S., **Vaccaro, A.R.**, Hilibrand, A.S., Albert, T.J.: Complications of iliac Crest Bone Graft Harvesting. Complications of Spine Surgery: Treatment and Prevention. An, H.S., Jenis, L.G. eds. Lippincott Williams & Williams Philadelphia, 2006 pp 143-154
- DiMartino, A., Silber, J.S., **Vaccaro, A.R.**: Bone graft alternatives in spinal surgery. In: Spondylolysis, Spondylolisthesis and Degenerative Spondylolisthesis. Gunzburg, R., Szpalski, M.(EDS). Lippincott Williams & Wilkins, Philadelphia, Pa. pp. 237-256, 2006
- McKay, B., Anderson, D.G., Tay, B., Berven, S., Bradford, D.S.: Osteoinductive growth factors for spine fusion: BMP-2, OP-1, Growth Differentiation Factor-5, in Emerging Spine Surgery Technologies; Evidence and Framework for Evaluating New Technology. Corbis, T.P., Connolly, P.T., Yuan, H.A., Qi-Bin, B., Boden, S.D. eds.. Quality Medical Publishing. pp 79-110, 2006
- Anderson, D.G., **Vaccaro, A.R.**, Tannoury, C.: Patient selection for fusion vs. motion-sparing surgery for symptomatic lumbar degenerative disk disease.: In: Spinal Arthroplasty The Preservation of Motion. **Vaccaro, A.R.**, Papadopoulos, S., Traynelis, V.,C., Haid, R.W., Sasso, R.C. (eds). Saunders Elsevier, Philadelphia, 2006 pp 11-20
- Kim, D.H., **Vaccaro, A.R.**: History of disk replacement surgery. In: Spinal Arthroplasty The Preservation of Motion. **Vaccaro, A.R.**, Papadopoulos, S., Traynelis, V.,C., Haid, R.W., Sasso, R.C. (eds).

Saunders Elsevier, Philadelphia, 2006 pp 37-50

- Kubeck, J.P., **Vaccaro, A.R.**, Shanti, N., Raushning, W.: Anatomy of the cervical spine. In: Spinal Arthroplasty The Preservation of Motion. **Vaccaro, A.R.**, Papadopoulos, S., Traynelis, V.,C., Haid, R.W., Sasso, R.C. (eds). Saunders Elsevier, Philadelphia, 2006 pp 51-60
- Shanti, N., Kubeck, J.P., **Vaccaro, A.R.**, Raushning, W.: Anatomy of the lumbar spine. In: Spinal Arthroplasty The Preservation of Motion. **Vaccaro, A.R.**, Papadopoulos, S., Traynelis, V.,C., Haid, R.W., Sasso, R.C. (eds). Saunders Elsevier, Philadelphia, 2006 pp 61-66
- Singh, K., Vaccaro,A.R.: Spine biomechanics: Understanding motion sparing technology In: Spinal Arthroplasty The Preservation of Motion. **Vaccaro, A.R.**, Papadopoulos, S., Traynelis, V.,C., Haid, R.W., Sasso, R.C. (eds). Saunders Elsevier, Philadelphia, 2006 pp 67-74
- Singh, K., Ashry, R., Schweitzer, M., **Vaccaro, A.R.**: Radiologic imaging in spinal arthroplasty. In: Spinal Arthroplasty The Preservation of Motion. **Vaccaro, A.R.**, Papadopoulos, S., Traynelis, V.,C., Haid, R.W., Sasso, R.C. (eds). Saunders Elsevier, Philadelphia, 2006 pp 75-82.
- Brown, A.K., **Vaccaro, A.R.**, Stock, G.H., Stock, G.H., Okafor, C., Anderson, D.G.:Lumbar disk arthroplasty: The Mobidisc prosthesis. In: Spinal Arthroplasty The Preservation of Motion. **Vaccaro, A.R.**, Papadopoulos, S., Traynelis, V.,C., Haid, R.W., Sasso, R.C. (eds). Saunders Elsevier, Philadelphia, 2006 pp 313-322
- Bono, C.M., Fehlings, M.G., Fisher, C.G., Dvorak, M.F., Ludwig, S.C., Harrop, J.S., Rauschning, W.E.: **Vaccaro, A.R.**:Upper Cervical Fractures (Occiput-C2). Spine Trauma Study Group Radiographic Manual. Kuklo, T.R., Bono, C.M., Dimar,J.R., Rauschning, W.E., **Vaccaro, A.R.** (eds), Medronic. Memphis, TN. 2007 pp.45-68
- Bono, C.M., Fehlings, M.G., Fisher, C.G., Dvorak, M.F., Ludwig, S.C., Harrop, J.S., Rauschning, **Vaccaro, A.R.**:Subaxial Cervical and Cervicothoracic Fractures (C3-T1):Spine Trauma Study Group Radiographic Manual. Kuklo, T.R., Bono, C.M., Dimar,J.R., Rauschning, W.E., **Vaccaro, A.R.** (eds), Medronic. Memphis, TN. 2007 pp 69-86
- Complications in Orthopaedics: Spine Surgery AAOS, Rosemont, Ill Rao, R.D. ed. **Vaccaro, A.R.**: Guest perspective:Thoracolumbar and lumbar spine approaches. 2006, P.53-54
- Kuklo, T.R., Fisher, C.G., **Vaccaro, A.R.**, Oner, F.C., Dietz, J.W., Rampersaud, Y.R., Bono, C.M., Dvorak, M.F., Rauschning, W.E.: Thoracic (T2-T10) and Thoracolumbar Fractures (T10-L2): Spine Trauma Study Group Radiographic Manual. Kuklo, T.R., Bono, C.M., Dimar,J.R., Rauschning, W.E., **Vaccaro, A.R.** (eds), Medronic. Memphis, TN. 2007. pp 87-122
- Anderson, P.A., Kuklo,T.R., Lindsey, R.W., Ludwig, S.C., **Vaccaro, A.R.**:Sacral Fractures.:Spine Trauma Study Group Radiographic Manual. Kuklo, T.R., Bono, C.M., Dimar,J.R., Rauschning, W.E., **Vaccaro, A.R.** (eds), Medronic. Memphis, TN. 2007. pp. 124-134
- **Vaccaro, A.R.**, Hulbert, R.J., Anderson, P.A., Harris, M.B., Hedlund, R.L., Harrop, J.S., Dvorak, M.F., Wood, K.B., Fehlings, M.G., Fisher,C.G., Anderson, D.G., Bono, C.M., Kuklo, T.R., Oner, F.C.: A New Classification of Thoracolumbar Injuries. Spine Trauma Study Group Radiographic Manual. Kuklo, T.R., Bono, C.M., Dimar, J.R., Rauschning, W.E., **Vaccaro, A.R.** (eds), Medronic. Memphis, TN. 2007
- Pahl, M.A., Lee, J.Y., **Vaccaro, A.R.**:Nonfusion Technologies in Spine Surgery. Szpalski, M., Gunzburg, R., Le Huec, J-C., Brayda-Bruno, M. (eds). Wolters Kluwer/ Lippincott Williams & Wilkins. Philadelphia. Pp109-122.
- Wolinsky, J-P., Gallia, G.L., Bagley, C.A., Witham, T.F., Gokaslan, Z.L., **Vaccaro, A.R.**: Sacrectomy and suggested reconstruction techniques.pp. Approaches for spinal fusions & instrumentation. Pan Arab Neurosurgical Society. Hitchon, P.W., Al Moutaery, K.A., (eds).151-160
- Baron, E., Choi, D., Harrop, J., **Vaccaro, A.R.**, Crockard, H.A.:Anterior Odontoid Resection: the Transoral Approach. Spine Surgery Operative Techniques. **Vaccaro, A.R.**, Baron, E.M. (eds) Saunders, Elsevier, Philadelphia, PA, pp.25-40, 2007.

- Baron, Eli and **Vaccaro, A.R.**: Anterior C1-C2 Arthrodesis: Lateral Approach of Barbour and Whitesides. Spine Surgery Operative Techniques. **Vaccaro, A.R.**, Baron, E.M. (eds) Saunders, Elsevier, Philadelphia, PA, pp 57-64, 200.
- Singh, K., Patel, A., **Vaccaro, A.R.**: Anterior Resection of Ossification of the Posterior Longitudinal Ligament. Spine Surgery Operative Techniques. **Vaccaro, A.R.**, Baron, E.M. (eds) Saunders, Elsevier, Philadelphia, PA, pp 75-82, 2007.
- Zavatsky, J., Handal, J., Saing, M., **Vaccaro, A.R.**, Yee, J.: Posterior C1-C2 Fusion Techniques: Harms Technique and Magerl Technique. Spine Surgery Operative Techniques. **Vaccaro, A.R.**, Baron, E.M. (eds) Saunders, Elsevier, Philadelphia, PA, pp 107-134, 2007.
- Singh, K., **Vaccaro, A.R.**: Cervical Spine: Lateral Mass Screw Fixation. Spine Surgery Operative Techniques. **Vaccaro, A.R.**, Baron, E.M. (eds) Saunders, Elsevier, Philadelphia, PA, pp 135-146, 2007.
- Daftari, T., **Vaccaro, A.R.**, Fischgrund, J.: Spine Surgery Operative Techniques. **Vaccaro, A.R.**, Baron, E.M. (eds) Saunders, Elsevier, Philadelphia, PA, pp 307-324.
- Tannoury, C., Anderson, G., **Vaccaro, A.**, Albert, T.: Posterior For Lateral Disk Herniation. Spine Surgery Operative Techniques. **Vaccaro, A.R.**, Baron, E.M. (eds) Saunders, Elsevier, Philadelphia, PA, pp 325-334, 2007.
- Singh, K., Yakel, D., Wojewrik, B., Ohnmeiss, D., **Vaccaro, A.R.**, Blumenthal, S.: Lumbar Spine Arthroplasty: Charite Total Disk Replacement. Spine Surgery Operative Techniques. **Vaccaro, A.R.**, Baron, E.M. (eds) Saunders, Elsevier, Philadelphia, PA, pp 409-428, 2007.
- White, A.P., Grauer, J.N.. Operative Techniques: Anterior Thoracolumbar
- Decompression, Fusion, and Instrumentation; Pediatric and Adult Spine
- Trauma. Kim D, Ludwig SC, Vaccaro AR editors. Elsevier Health
- Sciences, Philadelphia PA (2007)
- White, .AP., Martyac, G.G., Vaccaro, A.R. :Coincident and non-contiguous
- thoracolumbar and lumbosacral fractures. Abdominal Trauma Chapter 14
- Elsevier, Philadelphia PA (2007)
- Kim, D., **Vaccaro, A.R.**: Surgical treatment of cervical myelopathy. In Interventional Spine: An algorithmic Approach. Slipman, C.W., Derby, R., Simeone, F.A., Mayr, T.G.. Saunders Elsevier Publishers, Philadelphia, Pa pp 753-766, 2007
- Barone, E.M., Anand, N., **Vaccaro, A.R.**: Potential complications of extreme lateral interbody fusion (XLIF). In eXtreme Lateral Interbody Fusion (XLIF). Goodrich, J.A., Volcan, I.J. eds. Quality Medical Publishing Co. St Louis, Mi. 2008 pp 117-126.
- Patel, D.N, Lee, J.Y., Tally, W., **Vaccaro, A.R.**: Cervical Burst Fracture. In Cervical Spine Surgery Challenges Diagnosis and Challenges, Albert, T.J., Lee, J.Y., Lim, M.R. eds. Thieme, New York pp 135-139, 2008
- **Vaccaro, A.R.**: An overview of pedicle screw-based dynamic stabilization devices for the lumbar spine. Emerging Techniques in Spine Surgery. Jaypee Brothers publishers. Ed. Arvind Bhavne Ed. Jaypee Brothers Medical Publishers. 2009. pp 159-174
- Fassett, D.R., Jeyamohan, S.B., **Vaccaro, A.R.**, Whang, P.G.: Advanced spinal anatomy for cervical and lumbar nonfusion surgery. In Motion Preservation Surgery of the Spine. Eds Yue, J.J., Bertagnoli, R., McAfee, P.C., An, H.S. Saunders Elsevier. Pp. 36-44, 2008
- McCall, T., Fassett, D.R., Brothers, J.G., **Vaccaro, A.R.**: Surgical complications related to the management of traumatic spinal injuries of the cervical spine. 2009 pp 256-265.
- Finn, M.A., Fassett, D.R., Bessey, J.T., **Vaccaro, A.R.**: Pediatric spinal column and spinal cord injury and the use of ligue segmental instrumentation in the injured pediatric spine. Kim, D.H., Ludwig, S.C., **Vaccaro, A.R.**, Chang, J-C. (eds). Atlas of Spine Trauma Adult and Pediatric. Saunders Elsevier. Philadelphia, Pa. 2009

- Zeiller, Steven, Baron, E, Anad, N, Hilibrand, A, **Vaccaro, A**: Classification, Diagnosis and Management of Thoracolumbar Spinal Injuries. Neurotrauma and Critical Care of the Spine. New York, Thieme, pp.143-157 2008.
- Kwon, Br, Kim, D, **Vaccaro, A**: Spinal Cord Injuries in the Athlete. Neurotrauma and Critical Care of the Spine. New York. Thieme pp. 158-170 2008
- Stanley, T, Wojewnik, B, **Vaccaro, A**, Singh, K: Rehabilitation and Recovery from Spinal Injuries. Neurotrauma and Critical Care of the Spine. New York. Thieme. pp 198-209 2008.
- Spine Classifications and Severity Measures. Chapman, J.R., Dettori, J.R., Norwell, D.C. eds.:Vaccaro contributing author. AO Spine Thieme. Basel, Dubendorf, Switzerland. 2009
- Rahimi-Movaghar,V., Mohammad R Rasouli, M.R., Smith, H., **Vaccaro, A.R.**:An Evidence-Based Review of Spinal Cord Injury Decompression in Experimental Animals and Human Studies. In: Handbook of Spinal Cord Injuries:Editor: Tanya C. Berkovsky, Nova Science Publishers, Inc., 2009
- Bessey, J.T., Su, B.W., **Vaccaro, A.R.**:The Application of PEEK materials in Orthopaedic surgery. J. Parvisi ed. Interactive Education Program for Total Joint Surgery. 2010
- Su, B., Shimer, A., **Vaccaro, A.R.**:Cervical and Lumbar Disk Arthroplasty. Spine Secrets. Devlin, V. (ed). 2010
- Rahimi-Movaghar, V., Rasouli, M.R., Smith, H., **Vaccaro, A.R.**:An evidence-based review of spinal cord injury decompression in experimental animals and human studies . In Handbook of Spinal Cord Injuries: Types, Treatments and Prognosis. Berkovsky, T.C., ed. Ch 22. 2009.Gebauer, G., **Vaccaro, A.R.**: Discitis and osteomyelitis of the spine. Musculoskeletal Examination of the Spine: Making the complex simple. Rihn, J. (ed)., Cohen, S.series editor. 2009
- Kerr S, Patel D, Vaccaro A: Clinical Features of Herniated Nucleus Pulposus. In The Lumbar Vertebral Disc. Phillips, F.M., Laurysen, C. (eds). Thieme. 2009:pp. 76-84.
- Harrop, J, Snyder L, Vaccaro A. R., Heary R: Pulmonary and Airway Considerations. In Cervical Spine Trauma. **Vaccaro, A.R.**, Anderson, P. (eds). Lippincott, Williams and Wilkins. 2009. CH 37: pp. 545-551
- Pandey A, Vaccaro A.R., Harrop J: Ankylosing Spondylitis. In Cervical Spine Trauma. **Vaccaro, A.R.**, Anderson, P. (eds). Lippincott, Williams and Wilkins. 2009 CH 28: pp. 445-455
- Wood K, Vaccaro A.R.: Diffuse Idiopathic Skeletal Hyperostosis. In Cervical Spine Trauma. **Vaccaro, A.R.**, Anderson, P. (eds). Lippincott, Williams and Wilkins. 2009 CH 29: pp. 455-459.
- Bizhan A, Schweitzer K, Vaccaro A: Subaxial Injuries: Distractive Flexion Injuries. In Cervical Spine Trauma. **Vaccaro, A.R.**, Anderson, P. (eds). Lippincott, Williams and Wilkins. CH 25C:pp. 383-398
- Kuniyoshi A, Kotani Y, Ito M, Vaccaro A.R.: Subaxial Injuries: Pillar (Pedicule and Lateral Mass) Fractures. Cervical Spine Trauma. **Vaccaro, A.R.**, Anderson, P. (eds). Lippincott, Williams and Wilkins. CH 25F: pp. 409-421.
- Oskouian R, Bhattacharjee S, Vaccaro A.R., Shaffrey C. Cervicothoracic Junction. Cervical Spine Trauma. **Vaccaro, A.R.**, Anderson, P. (eds). Lippincott, Williams and Wilkins. 2009 CH 26:pp. 421-430
- Anderson P, Vaccaro A.R.:Physical Examination: Classification of Cervical Spine Injuries. Cervical Spine Trauma. **Vaccaro, A.R.**, Anderson, P. (eds). Lippincott, Williams and Wilkins. 2009 CH 7B:pp. 97-101
- Anderson P, Vaccaro A.R.:The Changing Face of Spinal Trauma in Modern Society. In Cervical Spine Trauma. **Vaccaro, A.R.**, Anderson, P. (eds). Lippincott, Williams and Wilkins. 2009 CH. 1:pp. 3-9
- Okonkwo D, Gasco J, Shaffrey C, Smith H, Vaccaro A.R.: Cervical Spine Kinematics and the Biomechanics of the Injured Cervical Spine: Subaxial Cervical Junction (C3-C7). In Cervical Spine Trauma. **Vaccaro, A.R.**, Anderson, P. (eds). Lippincott, Williams and Wilkins. 2009 CH 5B:pp.61-73

- Lawrence J, White A, Rihn J, Harris E, Gernandez C, Vaccaro A: Instrumentation in the Osteoporotic Spine. In Arthritis and Arthroplasty, The Spine. Shen, F.H., Shaffrey, C.I. (eds) Saunders/Elsevier, Philadelphia, Pa. 2009 pp.. 240-249
- Sayadipour, A./ Anderson, G., Mlyavykh, S., Pearlmutter, O., **Vaccaro, A.R.**: Subaxial Cervical Spine Injuries. In Spine Surgery Techniques, Complication Avoidance and Management (3rd edition). Ed Benzel 2010.
- Simpson, A.K., Whang, P.G., Hong, J., Ploumis, A., **Vaccaro, A.R.**: Thoracolumbar Fractures. In Spinal Cord Medicine: Principles and Practice. Ed Lin et al. New York, N.Y. pp 202-211, 2010.
- Whang, P.G., **Vaccaro, A.R.**: Thoracolumbar fractures and dislocations. In Rockwood and Green, Fractures in Adults seventh edition. Buchholz, R.W., Court-Brown, C.M., Heckman, J.D., Tornetta, P. (eds). Wolters Kluwer/ Lippincott Williams and Wilkins Philadelphia, Pa. pp. 1377-1414, 2010
- Smith, H.E., Daffner, S.D., **Vaccaro, A.R.**: Odontoid fracture in elderly: Odontoid screws versus posterior fusion. In Best Evidence for Spine Surgery: 20 Cardinal Cases. Elsevier. Philadelphia, Pa Jandial, Garfin eds 2010
- Radcliff, K., Rubin, T., Levine, A., **Vaccaro, A.R.**: Low Lumbar Spine Trauma. In Spinal Trauma 2nd ed. Ziegler, J., Garfin, S., Eismont, F., **Vaccaro, A.R.** (eds): AAOS 2012.
- Radcliff, K., Maher, L., Levine, A., **Vaccaro, A.R.**: Fractures of the Atlas. In Spinal Trauma 2nd ed. Ziegler, J., Garfin, S., Eismont, F., **Vaccaro, A.R.** (eds): AAOS 2012
- Radcliff, K., Moore, J.A., Levine, A., **Vaccaro, A.R.**: Classification of Spinal Injury. In Spinal Trauma 2nd ed. Ziegler, J., Garfin, S., Eismont, F., **Vaccaro, A.R.** (eds): AAOS 2012
- Karamitopoulos, M., Radcliff, K., Arnold, A., Levine, A., **Vaccaro, A.R.**: Facet Fractures and Dislocations of the Thoracolumbar Spine. In Spinal Trauma 2nd ed. Ziegler, J., Garfin, S., Eismont, F., **Vaccaro, A.R.** (eds): AAOS 2012
- Radcliff, K., Ferguson, J., Levine, A., **Vaccaro, A.R.**: Traumatic Spondylolisthesis of the Axis (Hangman's Fracture). In Spinal Trauma 2nd ed. Ziegler, J., Garfin, S., Eismont, F., **Vaccaro, A.R.** (eds): AAOS 2012
- Radcliff, K., Sonagli, M., Morrison, E., Levine, A., **Vaccaro, A.R.**: Cervical facet fractures and dislocation. In Spinal Trauma 2nd ed. Ziegler, J., Garfin, S., Eismont, F., **Vaccaro, A.R.** (eds): AAOS 2012
- Aguiar L, Martins C, Pinheiro-Franco J, Vaccaro A: O Disco Intervertebral – Anatomia e Aspectos Patogenicos. In Coneitos Avancados em Doenca Degenerativa Discal Lombar. Pinheiro-Franco, L.L., **Vaccaro, A.R.**, Benzel, E.C., Mayer, H.M. (eds). Di livros Editors Ltda. Rio de Janeiro. 2010. pp.25-35
- Pinheiro-Franco J, Roussouly P, Vaccaro A: Importancia do Equilibrio Sagital no Tratamento Cirurgico da Doenca Degenerativa Discal Lombar. In Coneitos Avancados em Doenca Degeenrative Discal Lombar. Pinheiro-Franco, L.L., **Vaccaro, A.R.**, Benzel, E.C., Mayer, H.M. (eds). Di livros Editors Ltda. Rio de Janeiro. 2010. pp. 277-379
- Barrey C, Vaccaro, Ponnappan, Perrin: Dispositivos de Establizacao Dinamica Baseada em Parafusos Pediculares para a Coluna Lombar: Conceitos Biomecanicos, Tecnologias, Classificacao e Resultados Clinicos. In Coneitos Avancadoes em Doenca Degenerativa Discal Lombar. Pinheiro-Franco, L.L., **Vaccaro, A.R.**, Benzel, E.C., Mayer, H.M. (eds). Di livros Editors Ltda. Rio de Janeiro. 2010. pp. 379-407
- Harris, E.B., Lawrence, J., Rihn, J., Gang, L., **Vaccaro, A.R.**: Cervical Spine Fracture With Quadriplegia. In Trauma, Critical Care, and Surgical Emergencies. (Eds) Rabinovici, R., Frankel, H.L., Kirton, O., Informa Healthcare. London, England pp. 60-75. 2010
- Baron, E.M., Heller, J.E., Loftus, C.M., **Vaccaro, A.R.**: Spinal Infections. In Neurosurgical Emergencies, 2nd ed. pp 270-290, 2011
- Pearson, A.M., Sidhu, G., **Vaccaro, A.R.**: Reduction Techniques for Cervical Fractures and Dislocations.

- In Operative Techniques in Spine Surgery. Rhee, J.M., Wiesel, S. (eds). 2011
- Vosbikian, M.M., Petfield, J.L., Lawrence, J.P., Rihn, J., Harris, E.B., **Vaccaro, A.R.**: Spinal Embryology and Anatomy of the Pediatric and Adult Spine. In Spine and Spinal Cord Trauma Evidence Based Management. **Vaccaro, A.R.**, Fehlings, M., Dvorak, M (eds). Thieme, New York. 2010. pp39-51
 - Yang, C., Wood, K.B., Vaccaro, A.R.: Spinal Stability. In Spine and Spinal Cord Trauma Evidence Based Management. **Vaccaro, A.R.**, Fehlings, M., Dvorak, M (eds). Thieme, New York. 2010. pp.127-135
 - Zahir, U., Ludwig, S.C., Dailey, A.T., **Vaccaro, A.R.**: The Subaxial Cervical Spine Injury Classification Scale (SLIC). In Spine and Spinal Cord Trauma Evidence Based Management. **Vaccaro, A.R.**, Fehlings, M., Dvorak, M (eds). Thieme, New York. 2010. pp. 265-275
 - Petfield, J.L., Vosbikian, M.S., Whang, P.G., **Vaccaro, A.R.**: The Thoracolumbar Injury Classification and Severity Score (TLICS). In Spine and Spinal Cord Trauma Evidence Based Management. **Vaccaro, A.R.**, Fehlings, M., Dvorak, M (eds). Thieme, New York. 2010. pp. 345-352
 - Chapman, J.R., Bellabarba, C., Schildhauer, T.A., Sasso, R.C., **Vaccaro, A.R.**: Sacral Fractures. In Spine and Spinal Cord Trauma Evidence Based Management. **Vaccaro, A.R.**, Fehlings, M., Dvorak, M (eds). Thieme, New York. 2010. pp. 441-453
 - White, A.P., Brothers, J., Kerr, S.M., Vaccaro, A.R.: Review of the medical evidence regarding the surgical treatment of low back pain. Surgery for Low Back Pain.: Szpalski M, Gunzburg R, Rydevik B, LeHuec JC, Mayer HM (Editors) Springer Verlag (2010)
 - Tannoury, C., **Vaccaro, A.R.**: Review of the Medical Literature Regarding the Surgical Treatment of Low Back Pain. Gunzburg, R., Szpalski, M., and Anderson, G., eds. Lippincott, Williams and Wilkins. 2011
 - Tannoury, C.A., Anderson, D.G., **Vaccaro, A.R.**, Albert, T.J.: Posterior Far lateral Disk Herniation. In Anderson, G.D., **Vaccaro, A.R.**: Operative Techniques in Spinal Surgery, 2nd Edition. Elsevier-Saunders, Philadelphia 2011
 - Saldia, N.S., Okafor, C., Harris, E.B., **Vaccaro, A.R.**: The role of spinal fusion and the aging spine: stenosis without deformity. Yue, J.J., Guyer, R.D., Johnson, J.P., Khoo, L.T., Hochschuler, S.H. eds in The Comprehensive Treatment of the Aging Spine. Minimally Invasive and Advanced techniques. Elsevier, Saunders publishers. Philadelphia, Pa Pp 329-335. 2011
 - Anderson, P., A., **Vaccaro, A.R.**: Injuries of the lower cervical spine. In Rothman and Simeone The Spine 6th edition. Herkowitz, H.N., Garfin, S.R., Eismont, F.J., Bell, G.R., Balderson, R.A. eds Elsevier Saunders, Philadelphia, Pa, pp. 1333-1362
 - Shimer, A.L., **Vaccaro, A.R.**: Vertebral artery injuries associated with cervical spine trauma. In Rothman and Simeone The Spine 6th edition. Herkowitz, H.N., Garfin, S.R., Eismont, F.J., Bell, G.R., Balderson, R.A. eds Elsevier Saunders, Philadelphia, Pa, pp 1436-1444.
 - Gherscovici, E., Baron, E., **Vaccaro, A.**: Regional injuries of the cervical spine: Sports related anatomical, pathophysiological, and clinical perspectives. In Sports injuries. Hutson, M., Speed, C. eds. Oxford University Press, Oxford, England 2011 pp.221-229
 - McCall, T.D., Fassett, D.R., Parikh, H., Vaccaro, A.: Fracture with paraplegia. In Prove it! Evidence-based Analysis of Common Spine Practice. Bono, C.M., Fisher, C.G.(eds) Wolters Kluwer/Lippincott Williams & Wilkins, Philadelphia, Pa 2010. pp. 114-125

Editorship

- **Vaccaro, A.R.**, G. Scuderi and S.J. Garfin, (eds). Spine 1994. Current Opinion in Orthopaedics. Current Science. Philadelphia, 1994.
- **Vaccaro, A.R.**, S. Garfin. SPINE Knowledge Update. Published by the American Academy of Orthopaedic Surgery. Rosemont, Illinois 1997.*
- **Vaccaro, A.R.**, Case Managers: Spine Surgery Desk Reference. Published by EBI Corp. 1997.
- **Vaccaro, A.R.**: Complications in Spinal Surgery. Seminars in Spine Surgery: Lippincott, Philadelphia,

PA 1998.

- **Vaccaro, A.R.**, Albert, T.J.: Spine Surgery - Master Case Studies, Thieme Publishers, London, England, 2000.*
- **Vaccaro, A.R.**, Albert, T.J.: Spine Surgery- Tricks of the Trade, Thieme Publishers, London, England, 2003.*
- **Albert, T.J., Vaccaro, A.R.**: Physical Examination of the Spine. Thieme Publishers, London, England. 2004.*
- **Vaccaro, A.R.**: Fractures of the cervical, thoracic and lumbar spine. Marcel Decker publishers, New York, N.Y. 2003.*
- **Vaccaro, A.R.**, Betz, R., Zeidman, S.: Principles and practice of spine surgery. Mosby publishing, Philadelphia, P.A. 2003 *
- **Vaccaro, A.R.** Editor-Medical economics. 2000-2002
- **Vaccaro, A.R.**: Complication in spinal surgery. Seminars in Spine Surgery. Lippincott Publishers, Philadelphia, Pa. Vol 14, No 2, June 2002.
- **Vaccaro, A.R.**, Vanderveldt, G. : Thoracolumbar spine management. In Topics in Spinal Cord Injury Rehabilitation. A. Thomas Land Publisher. St. Louis, MO 2002
- **Vaccaro, A.R.**, Anderson, G., Benzel, E., Regan, J., Crawford, A.: Complications of pediatric and adult spine surgery. Marcel Dekker. 2003 *
- **Vaccaro, A.R.**: An Orthopaedic house officers textbook on spine surgery. Mosby Publishers, 2004
- Clark, C.R., Benzel, E.C., Currier, B.L., Dorman, J.P., Dvorak, J., Eismont, F., Garfin, S.R., Herkowitz, H.N., Ullrich, C.G., **Vaccaro, A.R.** (eds) The Cervical Spine. 4th ed. Lippincott Williams & Wilkins, Baltimore. 2004 *
- **Vaccaro, AR**: Disease Staging: Clinical Criteria. Fifth Edition. Orthopaedic Section. Thomson Medstat, 2003.
- **Vaccaro, A.R.**, Vanderveldt, G.M.: Spinal Infections. Seminars in Spine Surgery 16. 2004
- **Vaccaro, A.R.**: Orthopaedic Knowledge Update 8. American Academy of Orthopaedic Surgery. Ill 2005 *
- Kim, D., **Vaccaro, A.R.**, Fessler, R.: Spinal Instrumentation. Thieme, New York, 2005 *
- Patel, D, Kurd, M.F., **Vaccaro, A.R.**: Topics in Spinal Cord Injury Rehabilitation. Acute SCI Management: Nonoperative Considerations Thomas Land Publication. Volume 12, Number 1, Summer 2006.
- Spine Trauma Study Group Radiographic Manual. Kuklo, T.R., Bono, C.M., Dimar, J.R., Rauschnig, W.E., **Vaccaro, A.R.** (eds), Medtronic. Memphis, TN. 2007 *
- Kurd, M.F., Patel, D, **Vaccaro, A.R.**: Topics in Spinal Cord Injury Rehabilitation. Acute SCI Management: Operative Considerations. Thomas Land Publication. Volume 12, Number 2, Fall 2006.
- Anderson, D.G., **Vaccaro, A.R.**: Decision Making in Spinal Care. Thieme, New York, 2006 *
- **Vaccaro, A.R.**, Papadopoulos, S., Traynelis, V., C., Haid, R.W., Sasso, R.C.: Spinal Arthroplasty The Preservation of Motion. Saunders Elsevier, Philadelphia, 2006*
- **Vaccaro, A.R.**, Baron, Eli. Spine Surgery Operative Techniques.. Saunders, Elsevier, Philadelphia, PA 2007. *
- PhD Thesis: **Vaccaro, A.R.**: The Thoracolumbar Trauma Classification and Injury Severity Score (TLICS). Developing a common language of care for spinal trauma. Zuidam & Uithof, Netherlands. 2007*
- Kim, D.H., Ludwig, S.C., **Vaccaro, A.R.**, Chang, J-C. (eds). Atlas of Spine Trauma Adult and Pediatric. Saunders Elsevier. Philadelphia, Pa. 2009*
- Jallo, J., **Vaccaro, A.R.** (es): Neurotrauma and Critical Care of the Spine. Thieme, New York, N.Y. 2008 *
- Whang, P.G., **Vaccaro, A.R.**: Novel Intraoperative Imaging Modalities for Spine Surgery. Seminars in Spine Surgery Vol 20, No. 3, September 2008
- Wing, P.C., Dalsey, W.C., Alvarez, E., Bombardier, C.H., Burns, S.P., Fitzpatrick, M.K., Green, D., Huff, J.S., Kincaid, M.S., Lucke, K.T., Napolitano, L.M., Poelstra, K.A., **Vaccaro, A.R.**, Wilberger, J.E.,

- Wuermser, L.A: Early Acute Management in Adults with Spinal Cord Injury, Consortium for Spinal Cord Medicine Clinical Practice Guideline. Spinal Cord Medicine, May 2008*
- **Vaccaro, A.R.**, Fehlings, M., Dvorak, M.: Spinal Trauma and Spinal Cord Injury; An Evidence based analysis. Thieme, 2010*
 - **Vaccaro, A.R.**, Anderson, P.: Cervical Spine Trauma. Lippincott, Williams and Wilkins. Philadelphia. 2009 *
 - Eck, J., **Vaccaro, A.R.**: Controversies in Spinal Management. Thieme 2011 *
 - Fehlings, M., **Vaccaro, A.R.**, Burns, A., T., Ditunna, J., Boake, M.: Spinal cord Injury and Rehabilitation. Thieme 2011 *
 - Boaj, **Vaccaro, A.R.**: Handbook of Neurosurgery Spine. Thieme 2011*
 - **Vaccaro, A.R.**, Albert, T.J.: Spine Surgery- Tricks of the Trade Second Edition, Thieme Publishers, London, England, 2008*
 - Ziegler, J., Garfin, S., Eismont, F., **Vaccaro, A.R.**: Spinal Trauma. 2nd ed.. AAOS 2012.*
 - Coneitos Avancados em Doença Degenerativa Discal Lombar. Pinheiro-Franco, L.L., **Vaccaro, A.R.**, Benzel, E.C., Mayer, H.M. (eds). Di Livros Editores Ltda. Rio de Janeiro. 2010.*
 - **Vaccaro, A.R.**: Management of thoracolumbar trauma. Seminars in Spine Surgery. 2011
 - **Vaccaro, A.R.**, Baron, Eli. Spine Surgery Operative Techniques 2nd Edition.. Saunders, Elsevier, Philadelphia, PA 2011. *
 - *Rihn, J.*, Albert, T.J., **Vaccaro, A.R.**: Understanding the value of spinal intervention . Jaypee publishers. 2012 *
 - **Vaccaro, A.R.**: Mercers Textbook of orthopaedic Surgery 10th edition. Editor Spine Section. 2011
 - **Editorial Review Committee**
 - Spine: Deputy Editor, reviewer 2006-present
 - Reviewer: Journal of the American Academy of Orthopaedic Surgery - 1998-present
 - Reviewer: Current Opinion in Orthopaedics 2000-present
 - Reviewer: Southern Medical Journal 2000
 - Reviewer: Emedicine-2000
 - Reviewer: Biomed Central Family Medicine 2002
 - Reviewer: Orthopaedic Quarterly-2000
 - Reviewer: Journal of Spinal Disorders and techniques 2001
 - Reviewer: Medical Science Monitor 2003
 - Reviewer: Neurology India 2003
 - Advisory Board: PanArab J. Neurosurgery. 2005 to present
 - Deputy medical editor. SpineLine 2002-2007
 - Reviewer: Biomaterials-2003
 - The Spine Journal 2002-2007. Associate Editorial Board Member, reviewer 2010-present
 - Reviewer: Lancet 2004-2008
 - Reviewer: Journal of Musculoskeletal Medicine 2004
 - Reviewer: Clinical Orthopaedics and Related Research 2004
 - Reviewer. Journal of orthopaedic Research. 2004-2008
 - Reviewer: Journal Bone and Joint Surgery (A), 2005 – 2008
 - Reviewer Journal Bone and Joint Surgery (Br), 2005-2008
 - Reviewer: Acta Biomaterialia 2005-2008
 - Editorial Board: Journal of Orthopaedic Science 2005- present
 - Journal of Neurosurgery Spine Editorial Board 2006-present
 - Journal of Neurosurgery Paediatrics 2009-present
 - Reviewer: Future Rheumatology 2006
 - Reviewer: Tissue Engineering 2006-2008

- Reviewer: Nature of Clinical Practice Neurology 2007
- Reviewer: European Spine Journal 2007-2008
- Reviewer Journal of Neurosurgery 2010-present
- Reviewer Journal of Oncology 2011
- **SCIENTIFIC EXHIBITS/POSTERS**
- MRI Differentiation between Spinal Tumors and Infection (**Vaccaro**, An, Cotler, Balderston, Dolinskas). American Academy of Orthopaedic Surgeons, New Orleans, LA, February 7-13, 1990.
- Herniated Lumbar Disc Disease in Patients over 50 (An, **Vaccaro**, Balderston, O'Neil).
- International Society for the Study of the Lumbar Spine, Boston, MA, June 13-17, 1990.
- MRI Differentiation between Spinal Tumors and Infection (**Vaccaro**, An, Cotler, Balderston, Dolinskas). North American Spine Society, Monterey, CA, August 8 - 12, 1990.
- The Significance of Canal Diameter in thoracolumbar Spine Trauma (**Vaccaro**, An, Cotler, Balderston). North American Spine Society, Monterey, CA, August 8 - 12, 1990.
- Noncontiguous Fractures of the Spine (An, **Vaccaro**, Lin, Cotler). North American Spine Society, Monterey, CA, August 8 - 12, 1990.
- Herniated Lumbar Disc Disease in Patients over 50 (An, **Vaccaro**, Balderston, O'Neil). North American Spine Society, Monterey, CA, August 8-12, 1990.
- Biochemical Characteristics of the Cervicothoracic Spinal Junctionure after Trauma. (An, **Vaccaro**, Cotler, Horenstein). Cervical Spine Research Society, San Antonio, TX, December, 1990.
- Burst Fractures of the Low Lumbar Spine: Comparison between Body Cast, Harrington Rod, Luque Rod, and Steffee Plate Treatment. (An, **Vaccaro**, Cotler). Poster Exhibit. American Academy of Orthopaedic Surgeons, Anaheim, CA, 1991
- Noncontiguous Fractures of the Spine. (Lin, An, **Vaccaro**, Cotler). Poster Exhibit. American Academy of Orthopaedic Surgeons, Anaheim, CA, 1991.
- Burst Fractures of the Low Lumbar Spine: Comparison Between Body Cast, Harrington Rod, Luque Rod, and Steffee Plate Treatment. (An, **Vaccaro**, Cotler, Lin). American Spinal Injury Association, Seattle, WA, April, 1991.
- Operative Repair of Extensor Tendon Dislocation of the Hand. (**Vaccaro**, Kupcha, Schneider). American Society for Surgery of the Hand, Orlando, FL, October 2-5, 1991.
- Bony Morphometry of the Thoracic Pedicles. (**Vaccaro**, Allardyce, Rizzolo, Cotler, Balderston). American Academy of Orthopaedic Surgeons, San Francisco, February, 1992.
- An Anatomic and Radiographic Assessment of the Potential Perils of Thoracic Pedicle Screw Fixation. (**Vaccaro**, Rizzolo, Cotler, Balderston). American Orthopaedic Association Toronto, Canada, June, 1992.
- Transaxial CT Evaluation of the Location of the Vertebral Artery in the Cervical Spine. (**Vaccaro**, Ring, Scuderi, Garfin). Cervical Spine Research Society, New York, NY, December 1-4, 1993.
- Hydroxyapatite Deposition in the Cervical Spine. (**Vaccaro**, Ring, Scuderi, Garfin). Cervical Spine Research Society, New York, NY, December 1-4, 1993.
- Early Halo Immobilization of Displaced Traumatic Spondylolisthesis of the Axis (Bauerle, **Vaccaro**, Becker, Cotler) Poster, Cervical Spine Research Society, Baltimore, MD, November 30- December 2, 1994.
- 3-D Dynamic Halovest Loads: Full Crossover Comparison of 3 Vest Types. (Fukui, Krag, Huston, Ambose, **Vaccaro**, Brennan, Conant, Tranowski). Cervical Spine Research Society, Baltimore, MD, November 30 - December 2, 1994.
- Progressive Instability Pattern of the Cervical Spine (Lamb, Smith, Cotler, Albert, **Vaccaro**). Cervical Spine Research Society, Baltimore, MD, November 30 - December 2, 1994.
- Early Halo Immobilization of Displaced Traumatic Spondylolisthesis of the Axis (Bauerle, **Vaccaro**, Becker, Cotler) American Spinal Injury Association, Orlando, FL, May 1- 3, 1995.

- The Accuracy of Pedicle Screw Placement with the Assistance of Lateral Plane Radiography (Odgers, **Vaccaro**, Pollack, Cotler) North American Spine Society, Washington, DC, October 18-21, 1995.
- Failure of Long Segment Anterior Plate Fixation. Cervical Spine Research Society. Santa Fe, NM, November 30 - December 1, 1995.
- The Prognostic Significance of the Bulbo-cavernous reflex in the spinal cord injury patient. Santa Fe, NM, November 30 - December 1, 1995.
- The Accuracy of Pedicle Screw Placement with the Assistance of Lateral Plain Radiography. American Academy of Orthopaedic Surgeons, Atlanta, GA, February 22-26, 1996.
- The Prognostic Significance of Spinal Shock (Absence of Bulbocavernosus Reflex) on Neurologic Recovery in Adult Patients with Isolated Cervical Spinal Cord Injury. American Academy of Orthopaedic Surgeons, Atlanta, GA, February 22-26, 1996.
- The Usefulness of Magnetic Resonance Imaging in Adult Isolated Upper Cervical Spinal Injuries. American Academy of Orthopaedic Surgeons, Atlanta, GA, February 22-26, 1996.
- MRI Evaluation of Pre and Post Reduction Cervical Spine Dislocations (Vaccaro, Falatyn, Northrup, Balderston, Cotler). Scoliosis Research Society, Ottawa, Ontario, Canada, September 25-27, 1996.
- The Early Failure of Long Anterior Cervical Plate Fixation (**Vaccaro**, Falatyn, Garfin, Eismont, McQuire, Scuderi, Abraham). North American Spine Society, Vancouver, British Columbia, Canada, October 23-27, 1996.
- Undiagnosed Fractures in Spinal Cord Injury: Identification with Technetium Imaging. (Lamb, Lehman, **Vaccaro**, Cotler). Cervical Spine Research Society, West Palm Beach, FL, December 5-7, 1996.
- Magnetic Resonance Imaging Following Cervical Bilateral Facet Dislocations. (Rushton, Albert, Schweitzer, Deely, **Vaccaro**, Balderston, Cotler). Cervical Spine Research Society, West Palm Beach, FL, December 5-7, 1996.
- The Sensitivity of MRI in Detecting Lumbar Spondylolisthesis (Abraham, Albert, **Vaccaro**, Balderston). American Academy of Orthopaedic Surgeons, San Francisco, CA, February 12-17, 1997.
- Undiagnosed Fractures in Spinal Cord Injury: Identification with Technetium Imaging (Lamb, Vaccaro, Lehman, Cotler). American Academy of Orthopaedic Surgeons, San Francisco, CA, February 12-17, 1997.
- Failure of Multi-Level Anterior Unicortical Cervical Plate Instrumentation (**Vaccaro**, Abraham, Falatyn, Scuderi, Garfin, Eismont, McQuire). American Academy of Orthopaedic Surgeons, San Francisco, CA, February 12-17, 1997.
- Anterior Junctional Plate for Strut Graft Stabilization in the Cervical Spine. Vanichkachorn, J.G., Albert, T.J., Silveri, C.P., **Vaccaro, A.R.** North American Spine Society, New York, NY. October 22-25, 1997.
- The Use of Image Guidance Technology in Transarticular Screw Fixation in the Cervical Spine. Suken, A.S., **Vaccaro, A.R.**, Silveri, C.P., Foley, K., Garfin, S. Cervical Spine Research Society, Rancho Mirage, CA. December 4-7, 1997.
- The Simultaneous Approach to the Thoracolumbar Spine. Klein, G., **Vaccaro, A.R.**, Ludwig, S., Albert, T.J. Scoliosis Research Society, New York, NY. September 16-19, 1998.
- The Efficacy of Using an Image-guided Kerrison in Performing an Anterior Cervical Foraminotomy: An Anatomic Analysis. XIV Annual European Cervical Spine Research Society Meeting, Varese, Italy. September 17-19, 1998.
- Causes of patient perception of treatment failure in degenerative spondylolisthesis. Albert T.J., Zlotov, D., **Vaccaro, A.R.** Int. Soc. St. Lumb. Sp. Kona H.I. June 21-25, 1999.
- Spinal stenosis with scoliosis treated with posterior decompression and fusion with instrumentation:

- an outcome analysis. Scoliosis Research Society, San Diego, Ca. Sept 23-25,1999.
- Spinal Stenosis with Scoliosis Treated with Posterior Decompression and Fusion. Albert, T.J., Shah. S.A., **Vaccaro, A.R.**: AOA, Homestead, Va. June 14-18, 2000.
 - Lazar, R.D., Smith, M.D., **Vaccaro, A. R.**, Albert, T.J.: Post-Laminectomy Kyphosis; A study of two intuitions operative results. 28th Cervical Spine Research Society , Charleston,S.C. 11/30-12/02, 2000.
 - Sim, E., **Vaccaro, A. R.**, Berzlanovich, A., Schwarz, N., Hagmueller, V.: In vitro Genesis of Subaxial Cervical Unilateral Facet Dislocation Through Sequential Soft Tissue Ablation. 28th Cervical Spine Research Society , Charleston, S.C. 11/30-12/02, 2000.
 - Patel,P., Fischgrund,J., Herkowitz, H., **Vaccaro, A.R.**: A pilot safety and efficacy study of OP-1 (rhBMP-7) as an adjunct to postero;ateral lumbar fusion. IMAST meeting, Nassau, Bahamas. July 11-15. 2001
 - Fractures of the cervical spine in ankylosing spomdyilitis and diffuse idiopathic skeletal hyperostosis. Cervical Spine Research Society. Monterey Ca. Nov 29-Dec 1, 2001
 - Complications of anterior cervical surgery. Crevical Spine Research Society(CSRS)- COMMS society. American Academy of Orthopaedic Surgery. Dallas, Texas 2/13-17, 2002
 - A pilot safety and efficacy study of OP-1 (rhBMP-7) in posterolateral lumbar fusion as a replacement for iliac crest autograph. International Society for the Study of the Lumbar Spine. Cleveland, Ohio 5/14-18/2002
 - Coe, J., Anderson, P.,Epstein, N., **Vaccaro, A.**: Complications of Anterior Cervical Surgery. Cervical Spine Research Society Annual Meeting, Miami Beach, FL, 12/5-7/02.
 - Daffner, S.D., Schwartz, D., Li, M., **Vaccaro, A.S.**, Hilibrand, A.A., Sestokas,A.K., Albert, T.J.: The application of transcranial electric motor-evoked potential monitoring as an early indicator of emerging thoracic spinal cord ischemia. American Academy of Orthopaedic Surgery. New Orleans, La 2/5-9/03
 - Izzo, M.W., Albert T.J., **Vaccaro, A.R.**, Hilibrand, A.S., Risbud, M.V., Shapiro, I.M.: Acute nicotine exposure can modulate viability and functionality of nucleus pulposus cells in vitro. Scoliosis Research society 38th annual meeting. Quebec CN Sept 10-13, 2003
 - Phillips, F., Patel, T.C., **Vaccaro, A.R.**, Truumees, E., Fischgrund, F.S., Herkowitz, H.N., Albert T.J., Hilibrand, A., Wetzal, T., McCulloch, J. : Two yaer follow up in a pilot safety and efficacy study of OP-1 (rhBMP-7) in posterolateral lumbar fusion as a replacement for iliac crest autograph. Scoliosis Research society 38th annual meeting. Quebec CN Sept 10-13, 2003
 - Wood, K., Mehbod, A., **Vaccaro, A.R.**, Polly, D.W., Khanna, G., Wroblewski, J.M.: Multisurgeon assessment of thoracolumbar fractures: reproducibility and repeatability of the AO and Denis classification. Scoliosis Research society 38th annual meeting. Quebec CN Sept 10-13, 2003
 - Schwartz, D., Sestokas, A., Albert, T., Hilibrand, A., **Vaccaro, A.**:Are Dermatomal Somatosensory-evoked Potentials Useful for Assessing Adequacy of Cervical Nerve Root Decompression? North American Spine Society Meeting. San Diego, CA. October 22, 2003.
 - Wood, K., **Vaccaro, A.**, Polly, D.,Mehbod, A., Khanna, G., Wroblewski, J.: Multisurgeon Assessment of Thoracolumbar Fractures: Reproducibility and Repeatability of the AO and Denis Classification Systems. North American Spine Society Meeting. San Diego, CA. October 24, 2003.
 - Harrop, J., Torino, P., Flanders, A.,Carrino, J., Burns, A., Freidman, D.,**Vaccaro, A.R.**, Sharon, A.:Traumatic vertebral artery occlusion- relationship to cervical spinal cord injury. 31st Cervical Spine Research Society, Scottsdale, AZ 12/11-13/03
 - Poster. Randomized trial of Grafton DBM putty composite vs autograft bone in lumbar spine fusions. Federation of Spine Association. AAOS, San Franscisco, Ca, 3/10-14/04
 - Scientific Exhibit. Multisurgeon assessment of thoracolumbar fractures: Reproducibility and repeatability of the AO and Denis classification systems.Wood, K.B., **Vaccaro, A.R.**, Polly, D.R.,

- Mehbod, A.A., Khanna, G., Wroblewsky., J.: AAOS, San Francisco, Ca, 3/11-14/04
- Fehlings, M.G., **Vaccaro, A.R.**, Massicotte, E.M., Rampersaud, R.Y., Schwartz, G., Al-Shafai, N., Petrenko, Y.: Surgical treatment in acute spinal cord injury study (STASCIS). Rationale, design, and preliminary results. American Spinal Injury Association. Denver, Co. 5/14-16/04
 - Randomized trial of Grafton DBM putty composite vs autograft bone in lumbar spine fusions. International Meeting on Advanced Spine Technologies. Bernuda 7/1-7/3/04
 - Early predictive value of supine and upright radiographs of odontoid fractures treated with halo vest immobilization. Kim, D., **Vaccaro, A.R.**, Jenis, I., Hilibrand, A.S., Albert, T. J., Cervical Spine Research Society., Boston Ma, December 9-11/04
 - Poster: Early predictive value of supine and upright radiographs of odontoid fractures treated in halo vests. Kim, D.H., **Vaccaro, A.R.**, Hilibrand, A. S., Shaia, H., Albert, T.J. American Academy of Orthopaedic Surgery. Washington DC. 2/23-27/05
 - Desh Sahni, BA; Alexander R. Vaccaro, MD; Ashwini Dayal Sharan, MD, BA; James Harrop, MD; Benjamin H. Venger; Regis W. Haid Jr., MD
 - Long-term Clinical and Magnetic Resonance Imaging Evaluation of Bioabsorbable Anterior Cervical Plate Resorption following Fusion for Degenerative and Traumatic Disc Disruption. Congress of neurologic surgeons, Boston, Ma 10/9/05
 - A new classification of thoracolumbar injuries: the importance of mechanism of injury, neurologic status and the integrity of the posterior ligamentous complex. Scoliosis Research Society, 40th annual meeting and course. Miami, Fl 10/27-30/05
 - Lim, M.R., Lee, J.Y., Sanfilippo, J.A., Anderson, G., Hilibrand, A.S., **Vaccaro, A.R.**, Albert, T.J.: Cross threading: A comparison of three posterior cervical fixation systems. Cervical Spine Research Society. 33rd Annual Meeting, San Diego, Ca 12/1-3/05
 - Sanfilippo, J.A., Jacoby, S.M., Lim, M.R., Albert, T.J., Harrop, J.S., **Vaccaro, A.R.**, Hilibrand, A.S., Anderson, G.: Normal prevertebral soft tissue swelling after anterior cervical decompression and fusion. Cervical Spine Research Society. 33rd Annual Meeting, San Diego, Ca 12/1-3/05
 - Lee, J.Y., Lim, M.R., Zavatsky, J., Schwartz, D., **Vaccaro, A.R.**, Hilibrand, A.S., Albert, T.J.: Characterization of neurophysiologic alerts during anterior cervical spine surgery. Cervical Spine Research Society. 33rd Annual Meeting, San Diego, Ca 12/1-3/05
 - Scuderi, G., Brusovanik, G.V., Campell, D.R., Henry, R.P., Kwon, B.K., **Vaccaro, A.R.** : Evaluation of non-lead based protective radiologic material in spinal surgery. AAOS, Chicago. Ill. 3/23-26/2006
 - Maak, T.G., Hilibrand, A., **Vaccaro, A.R.**, Grauer, J.: Local gene expression is up regulated by OP-1 in repair of nicotine- induced rabbit pseudarthroses. AAOS, Chicago. Ill. 3/23-26/2006
 - Kornelis A Poelstra, MD PhD Alexander R Vaccaro, MD Todd J Albert, MD Peter G Whang, MD Alpesh A Patel, MD Reid Rubsamen, MD.: Postoperative Spinal Wound Infection Prevention with Gentamicin-Microspheres CSRS Palm Beach, Florida, Nov. 29 – December 2, 2006.
 - Postoperative spinal infection prevention with gentamicin microspheres. Orthopedic Research Society, San Diego, Ca 2/11-14/07
 - Observer Variability with Radiographic Measurements for Odontoid Fractures. American Academy of Orthopaedic Surgeons, San Diego, California, February 14 – 18, 2007
 - The Management of Spine Fractures in Patients with AS or DISH: A Comparison of Treatment. American Academy of Orthopaedic Surgeons, San Diego, California, February 14 – 18, 2007
 - Fusion Method and Pedicle Screws as: Risk Factors for Adjacent Segment Degeneration. A Comparison of Treatment. American Academy of Orthopaedic Surgeons, San Diego, California, February 14 – 18, 2007
 - **Vaccaro, A.R.**, Albert, T.J., Brothers, J.: AAOS Video Learning Center. The Transforaminal Lumbar Interbody Fusion Technique (Video). AAOS Rosemont, Ill, 4/07
 - In vivo CT characterization of human lumbar facet morphology. International Society for the Study of

the Lumbar Spine. Hong Kong, China 2007

- Lumbar zygapophyseal joint fusion ? a safe and biomechanically superior surgical technique compared with inter-transverse process fusion. 14th International Meeting on Advanced Spine Techniques (IMAST). Paradise Island, Bahamas, July 11-14/07
- A new classification of subaxial cervical spine fractures (SLIC). 14th International Meeting on Advanced Spine Techniques (IMAST). Paradise Island, Bahamas, July 11-14/07
- Surgical treatment for cervical spondylotic myelopathy: Initial 6 month Outcomes of a Multicenter Prospective Study of 160 Patients. North American Spine Society 22nd Annual Meeting. Austin Tx. 10/23-27/07
- The Initial Assessment and Early Management of Spine Fractures in Patients with Ankylosing Spondylitis or Diffuse Idiopathic Skeletal Hyperostosis: A Comparison of Treatment Methods. North American Spine Society 22nd Annual Meeting. Austin Tx. 10/23-27/07
- Poster: A Critical Analysis of the Financial Incentives for Lumbar Decompression and Fusion Procedures. American Academy of Orthopaedic Surgeons, San Francisco, California, March 5-9, 2008
- Characterization of Fibronectin Fragments in Human Surgical Intervertebral Disc Specimens. 68th Annual Assembly of the American Academy of Physical Medicine and Rehabilitation (AAPM&R), Boston, MA 2007
- Reliability and validity of the subaxial cervical spine injury classification system. Cervical Spine Research Society. 35th Annual Meeting, San Francisco, Ca 11/29-12/1/07
- The surgical approach to subaxial cervical spine injuries: An evidence based algorithm based on the SLIC classification system. Cervical Spine Research Society. 35th Annual Meeting, San Francisco, Ca 11/29-12/1/07
- Observer variability with radiographic measurements for hangman's fractures. Cervical Spine Research Society. 35th Annual Meeting, San Francisco, Ca 11/29-12/1/07
- Load sharing differences between uni-directional and bi-directional translational plates following two-level ACDF using a Finite Element Model. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Orlando, Florida, 3/1/08
- Radiation exposure in pedicle screw placement with fluoroscopy vs computer assisted image guidance. 75th Annual AAOS Meeting, San Francisco, Ca 3/5-9/08
- A critical analysis of the financial incentives for lumbar decompression and fusion procedures. 75th Annual AAOS Meeting, San Francisco, Ca 3/5-9/08
- Comparison of high energy and low energy injury mechanisms of injury in an international spine trauma database. American Association of Neurological Surgeons, Chicago, IL, 4/26 – 5/1/08
- High resolution T2 mapping of the intervertebral disc: A potential biomarker. Spineweb 2008, Geneva Disc Degeneration/Arthritis section, ISSLS 5/08
- P-15 Bone Putty - Mechanism of Action and Function. 15th International Meeting on Advanced Spine Techniques (IMAST), Hong Kong, July 8-11, 2008
- Effect of Plate Translation on the Load Sharing Characteristics of a Two-Level ACDF Construct During Simulated Physiological Loading in a Finite Element Model. Congress of Neurological Surgeons, Orlando FL, 9/20-25/08
- Biomechanical Rigidity of an All PEEK Anterior Instrumentation Construct: An In-Vitro Thoracolumbar Corpectomy Model. Congress of Neurological Surgeons, Orlando FL, 9/20-25/08
- Accelerated degeneration and instability after cervical and lumbar nucleoplasty: a pilot study of negative long-term consequences?, NASS 23rd Annual Meeting, Toronto, Ontario, October 14-18, 2008
- Biomechanical feasibility in a single level anterolateral corpectomy reconstruction model. NASS 23rd Annual Meeting, Toronto, Ontario, October 14-18, 2008

- Surgical versus conservative treatment for geriatric fractures. Initial 6 month outcomes of a multicenter prospective study of 122 patients. Congress of Neurological Surgeons, Orlando FL, 9/20-25/08
- Cervical Spondylotic Myelopathy. Duration of symptoms and outcomes of surgical treatment. Congress of Neurological Surgeons, Orlando FL, 9/20-25/08
- Evaluation of the time and dose dependent cytotoxic effect of lidocaine on bovine nucleus pulposus cells in vitro. Cervical Spine Research Society. Thirty-Sixth Annual Meeting. Austin Tx. Dec 4-6/2008
- Does the preoperative lateral extension radiograph accurately predict a surgeon's ability to obtain cervical lordosis using an intraoperative manual extension maneuver. Cervical Spine Research Society. Thirty-Sixth Annual Meeting. Austin Tx. Dec 4-6/2008
- Lumbar dynamic stabilization, Joint Meeting of the French spine surgery society- French spine neurosurgery society - Scoliosis research Group, France. 6/6-9/09 2009
- Characteristics between PEEK rod and titanium rod in interbody fusion construct. Congress of Neurosurgical Surgeons New Orleans, La 10/24-29/09
- Comparison of load-sharing characteristics between PEEK rod and Titanium rod in interbody fusion construct. 24th NASS Annual Meeting, San Francisco 11/10-14/09
- An anatomic and radiographic study of lumbar facets relevant to percutaneous transfacet fixation. 24th NASS Annual Meeting, San Francisco 11/10-14/09
- An anatomic study which describes the relationship of the pedicle center to the mid lateral pars (MLP) in the lower lumbar spine as a guide to pedicle screw placement. 24th NASS Annual Meeting, San Francisco 11/10-14/09
- The indirect costs associated with surgery for axial lower back pain. AAOS New Orleans, 3/9-13/10
- Gastroesophageal reflux following anterior cervical surgery: A controlled, prospective analysis. AAOS New Orleans, 3/9-13/10
- Does obesity affect outcomes of treatment for lumbar stenosis and degenerative spondylolisthesis? AAOS New Orleans, 3/9-13/10
- MRI sensitivity in correlation the TLICS system on thoracolumbar spine fractures with the load sharing classification. Sigma Xi Student Research Day to be held on April 7th, 2009
- T2 MRI mapping as a biomarker for disk degeneration. International Society Magnetic Resonance Imaging. CSRS Salt Lake City, Utah, 12/10
- The Effect of Surgery on Health Related Quality of Life and Functional Outcome in Patients with Metastatic Epidural Spinal Cord Compression MESCC: Initial Results of the AOSpine North America Prospective Multicenter Study. Congress of Neurological Surgeons Annual Meeting. San Francisco, California. 10/16 – 21/2010
- The AOSpine North America Geriatric Odontoid Fracture Study: A Retrospective Review of Mortality Outcomes in Surgical versus Conservative Treatment in 158 Patients with Long-term Follow-up. Congress of Neurological Surgeons Annual Meeting. San Francisco, California 10/18/2010
- Radiographic Predictors of Postoperative C5 palsy After Cervical Laminectomy and Fusion. CSRS. Charlotte, North Carolina, December 2 - 4, 2010
- Predictors and Results of Reoperation for Spinal Stenosis: A Subgroup Analysis of the SPORT AAOS. San Diego, Ca 2/15-19/11
- Defensive Medicine: The Impact of Preventable Spinal Imaging. AAOS. San Diego, Ca 2/15-19/11
- MRI appearance of post-operative epidural fluid collections. Evidence & Technology Spine Summit, Park City, Utah Feb 2-5/2011
- The AOSpine North America Cervical Spondylotic Myelopathy Study: Perioperative Complication Rates Associated with Surgical Treatment Based on a Prospective Multicenter Study of 302 Patients. Best Clinical Paper Award at the 2011 Global Spine Congress, Barcelona, Spain. March

24-26, 2011.

- Antidepressant drugs and risk of abnormal bleeding in spine surgery: A case control study. The Philadelphia Psychiatric Society's 9th Annual Colloquium of Scholars meeting, Annual Update in Psychiatry, Drexel University College of Medicine, Philadelphia, PA 3 /26/2011
- Neurologic Recovery Following Central Cord Syndrome in Surgically Treated Patients. Joint EANS Annual Meeting - 4th ICH Conference, Newcastle Gateshead, UK
- May 2-5, 2011.
- Impact of diabetes on symptoms and treatment outcomes in patients with cervical spondylotic myelopathy. The results of the AOSpine North America Multi-Center Prospective Study. 18th International Meeting on Advanced Spine Techniques (IMAST). Copenhagen, Denmark 7/13/2011
- The Short-Term Effect of Surgery on Health Related Quality of Life and Functional Outcome in Patients with Metastatic Epidural Spinal Cord Compression (MESCC): Results of the Ongoing AOSpine North America Prospective Multicenter Study CNS Annual Conference to be held in Washington D.C., 10/ 1-6/ 2011.
- Predictors of Success in the Surgical Treatment for Cervical Spondylotic Myelopathy: Analysis of the AOSpine North America Multi-Center Prospective Study in 260 Subjects. 2011 CNS Annual Conference to be held in Washington D.C.. 10/3/2011
- Defensive Medicine: The Impact of Preventable Spinal Imaging. NASS 11/2-5/2011 2/15-19/11
- Predictors of Outcomes in Surgical Treatment For Cervical Spondylotic Myelopathy: The AOSpine North America Multi-Center Prospective Study. NASS 26th Annual Meeting, Chicago, Illinois. 11/3/2011
- **Scientific Presentations (Presenter or Co-author)**
- **1988**
- Fractures of the Humerus. (**Vaccaro**) Department of Orthopaedic Surgery, Fracture Conference, Thomas Jefferson University, Fall.
- **1989**
- Supracondylar Femur Fracture (**Vaccaro**). Department of Orthopaedic Surgery, Fracture Conference, Thomas Jefferson, Spring.
- Fractures of the Ankle. (**Vaccaro**). Department of Orthopaedic Surgery, Fracture Conference, Thomas Jefferson University, Spring.
- **1990**
- Talus Fractures. (**Vaccaro**, Holmes). Department of Orthopaedic Surgery, Grand Rounds, Thomas Jefferson University, January.
- The Significance of Canal Diameter in Thoracolumbar Spine Trauma (**Vaccaro**, An, Cotler, Balderston). American Orthopaedic Association Residents' Conference, Newport Beach, CA, March 14-17.
- Herniated Lumbar Disc Disease in Patients over 50 (An, **Vaccaro**, Balderston, O'Neil). American Orthopaedic Association Residents' Conference, Newport Beach, CA, March 14-17.
- Operative Repair of Extensor Tendon Dislocation of the Hand. (**Kupcha**, **Vaccaro**, Schneider). American Orthopaedic Association Resident's Conference, Newport Beach, CA, March 14-17.
- The Significance of Canal Diameter in Thoracolumbar Spine Trauma (**Vaccaro**, An, Cotler, Balderston). American Spinal Injury Association, Orlando, FL, May 3-6.
- MRI Differentiation between Spinal Tumors and Infection. (**Vaccaro**, An, Cotler, Balderston, Dolinkas). Scoliosis Research Society, Honolulu, HI, September 23-27.
- Childrens Supracondylar Humeral Fractures. (**Vaccaro**). Department of Orthopaedic Surgery Fracture Conference, Thomas Jefferson University, Fall.

- MRI Differentiation between Spinal Tumors and Infection. (**Vaccaro**, An, Cotler, Balderston, Dolinskas). Jeff. Orth. Society Meeting, Nov. 15-16.
- The Significance of Canal Diameter in Thoracolumbar Spine Trauma. (**Vaccaro**, An, Cotler, Horenstein). Jefferson Orthopaedic Society Meeting, November 15-16.
- **1991**
- The Significance of Canal Diameter in Thoracolumbar Spine Trauma (**Vaccaro**, An, Cotler, Balderston). American Academy of Orthopaedic Surgeons, Anaheim, CA, April 17-23.
- A Randomized Double Blind Study of the Clinical Efficacy of the Solcotrans Autotransfusion Drainage System on the Postoperative Hemoglobin, Coagulation Profile and Hemodynamic Status of Patients after Total Knee Replacement Surgery. (Marks, **Vaccaro**, Hozack, Booth, Rothman, Balderston). American Academy of Orthopaedic Surgeons, Anaheim, CA, April 17-23.
- MRI Differentiation between Spinal Tumors and Infections. (**Vaccaro**, An, Cotler, Balderston, Dolinskas). American Academy of Orthopaedic Surgeons, Anaheim, CA, April 17-23.
- MRI Differentiation Between Spinal Tumors and Infection. (**Vaccaro**, An, Cotler, Balderston, Dolinskas). American Orthopaedic Association Residents Conference, Kansas City, MO.
- Biomechanical Characteristics of the Cervico-thoracic Junction after trauma. (An, **Vaccaro**, Cotler, Horenstein). American Spinal Injury Association, Seattle, WA, April.
- Characteristics of Juvenile Scoliosis Followed to Maturity. (**Vaccaro**, Dabney, Bowen, Guille).
- North American Spine Society, August 5-8.
- Pediatric Spinal Cord Injury. (**Vaccaro**, Pizzutillo). Department of Orthopaedic surgery, Grand Rounds, Thomas Jefferson University, September 5.
- Traction Techniques. (**Vaccaro**). Department of Orthopaedic Surgery, Fracture Conference, Thomas Jefferson University, Fall.
- Characteristics of Juvenile Scoliosis Followed to Maturity. (**Vaccaro**, Dabney, Bowen, Guille). Jefferson Orthopaedic Society, November 14-15.
- Anatomic Investigation of Thoracic Pedicle Screw Fixation. (**Vaccaro**, Rizzolo, Allardyce, Ramsey, Cotler, Balderston, Dolinskas, Salvo). Jefferson Orthopaedic Society, November 14-15.
- Anatomic Investigation of Thoracic Pedicle Screw Fixation. (**Vaccaro**, Rizzolo, Allardyce, Ramsey, Cotler, Balderston, Dolinskas, Salvo). Jefferson Orthopaedic Society Meeting, November 14-15.
- Characteristics of Juvenile Scoliosis Followed to Maturity. (**Vaccaro**, Dabney, Bowen, Guille). Alfred I. Dupont Research Day, December.
- **1992**
- Noncontiguous Fractures of the Spine. (Lin, **Vaccaro**, An, Cotler). American Academy of Orthopaedic Surgeons, Washington, DC, March.
- Metastatic Disease of the Spine (**Vaccaro**). Dept. of Orth. Grand Rounds, Univ. of Cal. at San Diego, CA, Fall.
- The Radiographic and Morphometric Evaluation of the Thoracic Spine. (**Vaccaro**, Rizzolo, Cotler, Balderston). Scoliosis Research Society, Kansas City, MO, Sept.
- An Anatomic and Radiographic Assessment of the Potential Perils of Thoracic Pedicle Screw Fixation. (**Vaccaro**, Rizzolo, Cotler, Balderston). Eastern Orth. Assn., Dorado, Puerto Rico, Nov.
- The Incidence of Disc Injury Complicating Cervical Spine Dislocations and the Results of Attempted Closed Reduction. (Rizzolo, **Vaccaro**, Cotler, Balderston, Flanders, Ergener). Cervical Spine Research Society, Palm Desert, CA, December 3-5.
- **1993**
- Thoracic Pedicle Screw Instrumentation - Preliminary Results. (**Vaccaro**, Levine, Balderston, Cotler). Orthopaedic Trauma Association, New Orleans, LA, September.
- Bony Anatomy of the Thoracic Pedicles. (**Vaccaro**, Allardyce, Balderston, Cotler, Rizzolo). American Academy of Orthopaedic Surgeons, San Francisco, CA, February 18-23.

- Low-Velocity Gunshot Wounds of the Spine with a Transperitoneal Injury. (Lin, Cotler, Levine, Reich, **Vaccaro**). American Academy of Orthopaedic Surgeons, San Francisco, CA, February 18-23.
- Pediatric Spinal Cord Injury (**Vaccaro**). Department of Orthopaedics, Grand Rounds, University of California at San Diego, Spring.
- Pediatric Spinal Cord Injury (**Vaccaro**). Department of Neurosurgery, Grand Rounds, Thomas Jefferson University, September 2.
- Bivector Traction in the Management of Unstable Odontoid Fractures. (**Vaccaro**, Levine, Balderston, Cotler). Orthopaedic Trauma Association, New Orleans, LA, September.
- Metallic MRI Artifact in Spinal Surgery. (**Vaccaro**, Scuderi, Garfin, Chestnut). North American Spine Society, San Diego, CA, October 14-16.
- Gunshot Wounds to the Intervertebral Disc. The Long Term Effects. (Scuderi, **Vaccaro**, Eismont, Garfin). North American Spine Society, San Diego, CA, October 14-16.
- The Office Management of Low Back Pain (**Vaccaro**). Department of Physical Medicine and Rehabilitation, Thomas Jefferson University, November 10.
- **1994**
- The Results of Surgical Fusion for the Treatment of Adult Isthmic Spondylolisthesis. (**Vaccaro**, Scuderi, Garfin, Maguire). American Academy of Orthopaedic Surgeons, New Orleans, LA, February.
- The Effect of a Postoperative Spinal Wound Infection on Spinal Arthrodesis. (Scuderi, **Vaccaro**, Garfin) American Academy of Orthopaedic Surgeons, New Orleans, LA, February.
- The Treatment of Cervical Spine Fractures. American Paramedic and Seminar on General Trauma, Atlantic City, NJ, March 4.
- Bivector Traction in the Management of Unstable Odontoid Fractures. (**Vaccaro**, Levine, Balderston, Cotler). AOA Resident Conference.
- Bivector Traction in the Management of Unstable Odontoid Fractures. (**Vaccaro**, Levine, Balderston, Cotler). American Spinal Injury Association, Philadelphia, PA, April 24-27.
- Initial Management of the Spinal Cord Injury Patient. (**Vaccaro**) American Spinal Injury Association, Philadelphia, PA, April 24.
- MRI Artifacts in Spinal Imaging. (**Vaccaro**, Garfin, Scuderi, Chestnut). Association of Bone & Joint Surgeons, Carlsbad, CA, May 11-15.
- The Effect of a Postoperative Spinal Wound Infection on Spinal Arthrodesis. (Scuderi, **Vaccaro**, Garfin) International Society for the Study of the Lumbar Spine, Seattle, WA, June 23-25.
- Two dimensional CT localization of the vertebral artery. (**Vaccaro**, Scuderi, Ring, Garfin). European Cervical Spine Research Society, Rome, Italy, June 28- July 2.
- Hydroxyapatite Deposition in the Cervical Spine (**Vaccaro**, Scuderi, Ring, Garfin) European Cervical Spine Research Society, Rome, Italy, June 28 - July 2.
- The Examination of the Human Spine. Department of Orthopaedic Surgery, Thomas Jefferson University, Philadelphia, July 9.
- The Use of the Halo Device in Cervical Spine Trauma. Department of Orthopaedic Surgery, Thomas Jefferson University, Philadelphia, August 20.
- The Use of a Screw in the Pedicle of the Lumbar Spine. Grand Rounds, Department of Orthopaedic Surgery, Thomas Jefferson University, Philadelphia.
- Spinal Instability. Grand Rounds, Department of Physical Therapy and Rehabilitation, Thomas Jefferson University, Philadelphia, September 17.
- Early Halo Immobilization of Displaced Traumatic Spondylolisthesis of the Axis (Bauerle, **Vaccaro**, Becker, Cotler) North American Spine Society, Minneapolis, MN, October 19-22.
- Early Halo Immobilization of Displaced Traumatic Spondylolisthesis of the Axis (Bauerle, **Vaccaro**, Becker, Cotler) Eastern Orthopaedic Society, Bermuda, October.
- Orthopaedic Management of Common Spinal Problems. Department of Physical Medicine and

Rehabilitation, Thomas Jefferson University, November 10.

- The Effect of Infection on Eventual Lumbar Spine Fusion Healing (**Vaccaro**, Scuderi, Garfin).
- Spine Focus Group, Palm Beach, FL, November 10-13.
- Radiographic Clearance of the Cervical Spine after Trauma. Department of Surgery, Thomas Jefferson University, December 1.
- Neurologic Deterioration following Cervical Spinal Cord Injury (Farmer, **Vaccaro**, Albert, Balderston, Cotler), Cervical Spine Research Society, Baltimore, MD, November 30 - December 2.
- Prior Tracheostomy does not increase Rate of Infection in Anterior Cervical Spine Surgery (Rosen, **Vaccaro**, Northrup), Cervical Spine Research Society, Baltimore, MD, Nov. 30 - Dec. 2.
- **1995**
- Neurologic Deterioration following Cervical Spinal Cord Injury (Farmer, **Vaccaro**, Albert, Balderston, Cotler) American Academy of Orthopaedic Surgeons, Orlando, FL, February 16.
- Vertebral Artery Injuries associated with Cervical Spine Trauma: A Prospective Study. (Giacobetti, **Vaccaro**, Farmer, Cotler), American Academy of Orthopaedic Surgeons, Orlando, FL, February 16.
- Changing Nature of Admissions to a Spinal Cord Injury Center: Violence on the Rise. (Albert, **Vaccaro**, Farmer, Balderston, Cotler), American Academy of Orthopaedic Surgeons, Orlando, FL, February 16.
- Vertebral Artery Location in Relation to the Vertebral Body as Determined by Two Dimensional Computed Tomography Evaluation. (**Vaccaro**, Ring, Scuderi, Garfin), American Academy of Orthopaedic Surgeons, Orlando, FL, February 18.
- Pre-hospital and Emergency Room Management of the Spinal Cord Injury Patient. (**Vaccaro**). Initial Management of the Patients with Spinal Cord Injury. Instructional Course Lecture, American Academy of Orthopaedic Surgeons, Orlando, FL, February 16.
- Pre-hospital and Emergency Room Management of the Spinal Cord Injury Patient. (**Vaccaro**). Initial Management of the Patients with Spinal Cord Injury. Instructional Course Lecture, Federation of Spine Associations, Orlando, FL, February 19.
- Cervical Spine Kinesiology. (**Vaccaro**). Grand Rounds, Department of Physical Therapy and Rehabilitation, Thomas Jefferson University, Philadelphia, March 17.
- Vertebral Artery Injuries Associated with Cervical Trauma: A Prospective Study. (**Vaccaro**). Giacobetti, Farmer, Cotler). Pennsylvania Orthopaedic Society, Williamsburg, VA, April 6-8.
- New Techniques in the Management of Cervical Trauma. University of Kansas Spine Study Group (Mark Asher, M.D.) (**Vaccaro**). Chicago, IL, April 21-24.
- The Management of Cervical Spine Trauma (**Vaccaro**). The Spine Study Group, Palm Desert CA.
- The Treatment of Low Back Pain, (**Vaccaro**). The Spine Study Group. Palm Dessert, CA, May 16.
- Vertebral Artery Injuries Associated with Cervical Spine Trauma: A Prospective Analysis, (**Vaccaro**, **A.R.**, Giacobetti, F., Farmer, J.C., Cotler, J.M.), Cervical Spine Research Society, European Section, Erlangen, Germany, June 9.
- Treatment of Metastatic Disease of the Spine (**Vaccaro**) Grand Rounds, Department of Radiation Oncology, Thomas Jefferson University, Philadelphia, July 14.
- Biomechanics of Pedicle Screw Fixation. The Homestead Hotel, Hot Springs, VA, August 2.
- Management of Degenerative, Traumatic and Idiopathic Deformities of the Spine. The Homestead Hotel, Hot Springs, VA. August 3.
- Advancing Trends in Thoracolumbar Spinal Fixation. A-O Spine Course, San Diego, CA, September 14.
- The Fixateur Interne. A-O Spine Course, San Diego, CA, September 14.
- Ankylosing Spondylitis. Traveling Trauma Rounds, MDOS and Multiple Trauma. Philadelphia, PA, September 21.
- Current Trends in the Management of Metastatic Disease of the Spine. Orthopaedic Grand

Rounds. Thomas Jefferson University. Philadelphia, PA, September 21.

- Future Challenges in Spine Surgery. The Ferncroft Resort. Danver, Mass., September 29.
- A Prospective Analysis of Patient Based Health Outcome Assessment After Total Joint Arthroplasty and Spinal Surgery: A Comparative Analysis. North American Spine Society. Washington, DC, October 18-21.
- Infections Following Gunshot Wounds to the Spine Resulting in a Neurologic Deficit. North American Spine Society. Washington, DC, October 18-21.
- Foraminal Pressure Changes During Intervertebral Distraction Simulating ACDF. North American Spine Society. Washington, DC, October 18-21.
- Long Term Follow-Up of Patients with Gunshot Wounds of the Spine and A Spinal Cord Injury. North American Spine Society. Washington, DC, October 18-21.
- The Efficacy of Steroids in Spinal Cord Injuries from Gunshot Wounds. North American Spine Society. Washington, DC, October 18-21.
- The Sensitivity of MRI in Detecting Lumbar Spondylolisthesis. North American Spine Society. Washington, DC, October 18-21.
- Vertebral Artery Injuries Associated with Cervical Spine Trauma: A Prospective Analysis. North American Spine Society. Washington, DC, October 18-21.
- Surgical Anatomy of the Vertebral Arteries. Cervical Spine Research Society. Sante Fe, NM, November 30 - December 1.
- **1996**
- The Posterior Approach to Degenerative Disorders of the Cervical Spine. A Contemporary Update on Disorders of the Spine. Whistler, British Columbia, Canada. January 14-19.
- Posterior Instrumentation of the Cervical Spine. A Contemporary Update on Disorders of the Spine. Whistler, British Columbia, Canada. January 14-19.
- Contemporary Update on the Treatment of Tumors of the Spine. Current Concepts in Spine Surgery. Palm Dessert, CA. Marriott Hotel Ranchos, Las Palmas. February 2.
- Initial Management of Patients with Spinal Cord Injury, Instructional Course Lecture. American Academy of Orthopaedic Surgeons. Atlanta, GA. February 22-26.
- A Prospective Analysis of Patient-Based Health Outcome Assessment After Total Joint Arthroplasty and Spinal Surgery: A Comparative Analysis. American Academy of Orthopaedic Surgeons. Atlanta, GA. February 22-26.
- Efficacy of Steroids in Spinal Cord Injuries from Gunshot Wounds. American Academy of Orthopaedic Surgeons, Atlanta, GA, Feb. 22-26.
- Early Outcome of Short-Segment Pedicle Screw Fixation for Thoracolumbar and Lumbar Burst Fractures. American Academy of Orthopaedic Surgeons, Atlanta, GA, Feb. 22-26.
- En Bloc Resection of Chordomas of the Lumbar Spine. Joint Section of Spine and Peripheral Nerve. Orlando, FL March 1.
- Spinal Cord Injury - Epidemiology. National Institute of Emergency Care, Atlantic City, NJ, March 7.
- Emergency Management of Cervical Spine Injuries. Rae Jacobs Memorial Lecture. University of Kansas, Kansas City, MO, March 29-30.
- Emergency Management of Thoracolumbar Spine Injuries. University of Kansas, Kansas City, MO, March 29-30.
- Treatment Complications of Thoracolumbar Spine Injuries. University of Kansas, Kansas City, MO, March 29-30.
- En Bloc Resection of Chordomas of the Lumbar Spine. American Academy of Neurologic Surgeons, Minnesota, MN, April.
- Principles of Spinal Anatomy and Biomechanics. Spinal Instrumentation: Indications, Techniques, and Hands-on Practice. A-O Spine Course, Vancouver, CN. April 11-13.

- Complications of Pedicle Screw Insertion. A-O Spine Course, Vancouver, CN. April 11-13.
- Biomechanical Considerations of the Aging Lumbar Spine. A-O Spine Course, Vancouver, CN. April 11-13.
- Emergency Management of the Spinal Cord Injury Patient. Seminar on SCI, Temple University, May 31.
- Advances in Cervical Spinal Fixation. Seminar on SCI, Temple University, May 31.
- Pre and Post MRI Evaluation of Cervical Spine Dislocations (**Vaccaro**, Falatyn, Northrup, Cotler, Flanders, Balderston). European Cervical Spine Society Meeting, Nice, France, June 5-7.
- The Cervical Spine, Part I. Department of Physical Therapy and Rehabilitation. Grand Rounds, Thomas Jefferson University, August 9.
- The Cervical Spine, Part II. Department of Physical Therapy and Rehabilitation. Grand Rounds. Thomas Jefferson University. August 30.
- New Frontiers in Cervical Spine Instrumentation. Westin Crown Plaza Hotel, New Orleans, LA. September 20.
- Biomechanical Considerations Regarding Cervical Instrumentation. Philadelphia Combined Orthopaedic Grand Rounds. October 10.
- MRI Evaluation of Pre and Post Reduction Cervical Spine Dislocations (**Vaccaro**, Falatyn, Northrup, Balderston, Cotler). North American Spine Society, Vancouver, BC. October 23-27.
- Magnetic Resonance Imaging Following Cervical Bilateral Facet Dislocations. (Rushton, Albert, **Vaccaro**, Balderston, Schweitzer, Deely, Cotler). North American Spine Society, Vancouver, B.C., October 23-27.
- Neurological Outcome Following Early or Late Surgery for Cervical Spinal Cord Injury (**Vaccaro**, Dante, Dougherty, Northrup, Balderston, Cotler, Herbison). Cervical Spine Research Society, West Balm Beach, FL, December 5-7.
- Placement of Pedicle Screws in the Cervical Spine: Comparative Accuracy of Cervical Pedicle Screw Placement Using Three Techniques (Kramer, Ludwig, Balderston, **Vaccaro**, Foley, Albert). Cervical Spine Research Society, West Balm Beach, FL, December 5-7.
- **1997**
- Complex Issues in Cervical Spine Surgery. Westin Mission Hills, Palm Desert, CA, January 3.
- Posterior Cervical Approaches for Degenerative Cervical Disease. A Contemporary Update on Disorders of the Spine. Whistler, British Columbia, Canada, January 11-16.
- Emergency Management and Hospital Management of the Spinal Cord Injury Patient (**Vaccaro**, Cotler, Betz, An). Instructional Course Lecture, American Academy of Orthopaedic Surgeons, San Francisco, CA, February 12-17.
- The Utility of MRI in the Evaluation of Upper Cervical Spine Injuries (Pan, **Vaccaro**, Kolstad, Cotler). American Academy of Orthopaedic Surgeons, San Francisco, CA, February 12-17.
- Advances in the Management of the SCI Patient. National Institute of Emergency Care, Atlantic City, N.J., March 6.
- The Efficacy of Early Decompression of the Cervical Spine Following Trauma. American Spinal Injury Association. Houston, TX, March 26.
- Cervical Reconstruction Following Decompression. New Frontiers in Spine Surgery. Las Vegas, NV, April 11.
- New Approaches to Cervical Spine Decompression and Reconstruction. Grand Rounds Visiting Professorship. University of South Carolina, Department of Orthopaedic Surgery, April 17.
- MRI Evaluation of Pre and Post Reduction Cervical Spine Dislocation (**Vaccaro**, Falatyn, Northrup, Balderston, Cotler). Pennsylvania Orthopaedic Society. Charleston, SC, April 18.
- An Updated Algorithmic Approach to the Management of Low Back Pain and Sciatica. Rae Jacobs Memorial Lecture Series. University of Kansas. Kansas City, MO, May 2-3.

- Principles of Surgical Management of Degenerative Spondylolisthesis. Rae Jacobs Memorial Lecture Series. University of Kansas. Kansas City, MO, May 2-3.
- Management of Cervical Spine Trauma. New Waves in Trauma Care. Thomas Jefferson University, Philadelphia, PA, June 5.
- The Management of Complex Cervical Deformities. 6th Annual ISOLA Study group. Seattle, Washington, June 6th.
- Long Term Evaluation of Vertebral Artery Injuries Following Cervical Spine Trauma Using Magnetic Resonance Angiography (**Vaccaro**, Northrup, Klein, Flanders, Albert, Balderston, Cotler). European Cervical Spine Research Society, Burgenstock, Switzerland, June 26-28.
- Anatomical Considerations Related to Three Techniques of Pedicle Screw Insertion in the Cervical Spine (Kramer, Ludwig, Balderston, Foley, **Vaccaro**, Albert). Burgenstock, Switzerland, June 26-28.
- Advances in Spine Trauma Care. Brandywine EMS Update, Brandywine Hospital, Coatesville, PA, June 27
- Spondylolysis, Spondylolisthesis. Third Annual Athletic Trainers' Seminar. Mount Laurel, NJ, Sept. 10.
- Approach to the Management of Low Back Pain. Philadelphia Symposium on Musculoskeletal Problems for the Primary Care Physician. Philadelphia, PA. Sept. 13.
- Cervical Trauma. The Spine Study Group. West Palm Beach, FL. Sept. 17-21.
- Upper Cervical Spine Injuries. The Spine Study Group. West Palm Beach, FL. September 17-21.
- Surgical Indications and Approaches to Thoracolumbar Fractures. The Spine Study Group. West Palm Beach, FL. Sept. 17-21.
- Minimally Invasive Applications of Frame less Stereotactic Spine Surgery. Future Challenges in Spine Surgery. New Orleans, LA. September 26.
- Indications and Methods of Posterior C2, C1 Screw Fixation: A-O Spine course. South Hampton Princess, Bermuda. October 9-12.
- Minimally Invasive Spine Surgery - Debate on Indications and Techniques. Eastern Orthopaedic Association. Scottsdale AZ. October 16-20.
- Can a Preoperative MRI Differentiate Traumatic From Degenerative Disc Herniations. (Granule, M.J., Schweitzer, M.E., El-Noveam, R.I.) North American Spine Society. New York, NY. October 22-25.
- Minimally Invasive Applications of Frame less Stereotactic Spine Surgery. Fifth International Symposium on Spinal Deformity. Kansas City, MO. October 29 through November 2.
- Spinal Cord Injury Management Update. Lancaster General Hospital, Lancaster, PA. November 20.
- The Management of Thoracolumbar Spinal Injuries. The Hospital for Special Surgery Deformity Seminar. New York, NY. November 21.
- Percutaneous Spinal Applications of Frameless Stereotactic Image Guided Technology. Ninth Annual International Minimally Invasive Spine Symposium. Allegheny University. Philadelphia, PA. November 22.
- The Anterior Junctional Plate in the Cervical Spine. Cervical Spine Research Society. Rancho Mirage, CA. December 4.
- Image-guided Anterior Cervical Corpectomy: A Feasibility Study. Cervical Spine Research Society. Rancho Mirage, CA. December 4.
- Atlantoaxial Transarticular Screw Fixation: Risk Assessment and Bone Morphology Using an image Guidance System. Cervical Spine Research Society. Rancho Mirage, CA. December 4.
- The Use of Instrumentation in Spinal Fusion. Department of Radiology. Grand Rounds Thomas Jefferson University. Philadelphia, PA. December 8.
- **1998**
- Lower Cervical Trauma - Update. A Contemporary Update on Disorders of the Spine. Whistler, British

Columbia, Canada. January 18-23.

- Understanding Applications of Frameless Stereotactic Image Guided Surgeries. Advances in Spine Surgery. Rancho Mirage, CA January 30.
- Techniques in Cervical Spine Reconstruction . Visiting Professor, Beaumont Hospital Orthopedic Training Program, Detroit, MI. Feb 9.
- Functional Anatomy and Biomechanics. A-O International Spine Course. Los Cabos Mexico. February 18-22.
- Indications and Techniques for the Surgical Treatment of Lower Lumbar Spine Fractures. A-O International Spine Course. Los Cabos Mexico. February 18-22.
- Understanding Thoracolumbar Trauma. National Institute of Emergency Care, Atlantic City, N.J., March 6.
- Emergency Management and Hospital Management of the Spinal Cord Injury Patient. Instructional Course Lecture, American Academy of Orthopaedic Surgeons. New Orleans, LA, March 18-23.
- Circumferential Stabilization of Unstable Thoracolumbar Fractures. Instructional Course Lecture, American Academy of Orthopaedic Surgeons. New Orleans, LA, March 18-23.
- Early Versus Late Surgery Following a Cervical Spinal Cord Injury. Federation of Spine Surgery. American Academy of Orthopaedic Surgeons. New Orleans, LA, March 18-23.
- Indications for Instrumentation Following Fusion for Lumbar Degenerative Disc Disease: Debating Complex Issues in Spine Surgery. American Academy of Orthopaedic Surgeons, Chicago, IL, April 30 - May 2.
- Indications for Circumferential Fusions Following Cervical Trauma: Debating Complex Issues in Spine Surgery. American Academy of Orthopaedic Surgeons, Chicago, IL, April 30-May 2.
- Indications and Techniques for Salvage Surgery Following Failed Cervical Spine Surgery: Debating Complex Issues in Spine Surgery. American Academy of Orthopaedic Surgeons, Chicago, IL, April 30 - May 2.
- Indications and Techniques of Spinal Instrumentation for Degenerative Spinal Disease. American Society of Neuroradiology, Philadelphia, PA, May 15-21.
- Atlantoaxial Transarticular Screw Fixation: Risk Assessment and Bone Morphology Using an Image-Guidance System. American Academy Neurological Surgeons, Philadelphia, PA, April 25-30.
- The Runner's Spine. First Annual Philadelphia Runners Conference, Philadelphia, PA, June 16.
- Spinal Manipulation Improves the Functional Outcome of Lumbar Spine Dysfunction - Debate. Idaho Medical Workshop. Stanley, Idaho, August 15-20, 1998.
- Evaluation and Initial Management of Cervical Trauma. Idaho Medical Workshop. Stanley, Idaho, August 15-20, 1998.
- Laparoscopic Spine Surgery Improves Outcomes and Decreases Cost - Debate. Idaho Medical Workshop. Stanley, Idaho, August 15-20, 1998.
- Electric Spinal Fusion Should Not Be Placed in a Smoking Population - Debate. Idaho Medical Workshop. Stanley, Idaho, August 15-20, 1998.
- Return to Work is a Reasonable Surgical Outcome Measure in the Injured Worker. Idaho Medical Workshop. Stanley, Idaho, August 15-20, 1998.
- Diagnosis and Management of Common Lower Back and Neck Problems. Community Lecture. Thomas Jefferson University Hospital, October 2, 1998.
- Management of Common Spinal Disorders. Physical Therapy Education Grand Rounds. October 19, 1998.
- Principles of Occipital Cervical Instrumentation. North American Spine Society. San Francisco, CA, October 28-31, 1998.
- Current Concepts - Bone Morphogenetic Protein. Anterior Column Support. Scottsdale, AZ,

November 12-14, 1998.

- Lower Cervical Spine Trauma. Anterior Column Support. Scottsdale, AZ, November 12-14, 1998.
- Vertebral Osteomyelitis and Discitis Treatment Principle. Anterior Column Support. Scottsdale, AZ, November 12-14, 1998.
- Rehabilitation of Degenerative Spinal Disorders. Magee Rehabilitation Hospital, Philadelphia, PA, November 19, 1998.
- Refugee Medicine in Cambodia. Pott's Day University of Buffalo, New York, November 20-21, 1998.
- Treatment Principle of Lower Cervical Spine Trauma. Pott's Day University of Buffalo, New York, November 20-21, 1998.
- Current Advances in Image Guided Surgery, Pott's Day University of Buffalo, New York, November 20-21, 1998.
- Banco, S., Klein, G., **Vaccaro, A.R.**, Albert, T.J.; Anterior cervical instrumentation for radiculopathy-an economic analysis. C.S.R.S. Atlanta Ga Dec 3-5.
- Zlotov D.A., **Vaccaro A.R.**, Albert T.J.; Complications of posterior cervical fusions utilizing lateral mass plates and screws. C.S.R.S. Atlanta Ga, Dec 3-5
- **1999**
- Management of Common Lower Back Complaints, Orthopaedics for The Primary Care Physician, Philadelphia, PA, January 16, 1999.
- Cervical Anatomy, North American Spine Society Core Curriculum Course, Robert Wood Johnson University, New Brunswick, NJ, January 22, 1999.
- Thoracolumbar Anatomy, North American Spine Society Core Curriculum Course, Robert Wood Johnson University, New Brunswick, NJ, January 22, 1999.
- Anterior and Combined Anterior-Posterior Stabilization Techniques for Thoracolumbar Trauma, American Academy of Orthopaedic Surgeons, Anaheim, CA, February 3-8, 1999.
- Use of Anterior Instrumentation with Single Level Anterior Cervical Discectomy and Fusion. AAOS, Contemporary Issues in Spine Surgery. Sarasota, FL, March 4-7, 1999.
- Diagnosis and Management of Cervical Pseudoarthrosis. AAOS, Contemporary Issues in Spine Surgery. Sarasota, FL, March 4-7, 1999.
- Anterior Column Reconstruction for Revision Lumbar Surgery and Surgical Management of Flat Back Syndrome. AAOS, Contemporary Issues in Spine Surgery. Sarasota, FL, March 4-7, 1999.
- The Surgical Management of Sagittal Plane Disorders. Thomas Jefferson University Hospital, Orthopaedic Grand Rounds, March 11, 1999.
- Pharmacologic Treatment and Timing of Surgery in Spinal Cord Injury. National Institute of Emergency Care. Atlantic City, NJ, March 19, 1999.
- The Surgical Treatment of Lumbar Degenerative Spinal Disorders. Jefferson Imaging Symposium. Philadelphia, PA, March 27-28, 1999.
- Classification of Lower Cervical Spine Trauma. A-O Comprehensive Spine Course. Cancun, Mexico, April 8-11, 1999.
- Indications and Techniques for Posterior Decompression and Stabilization. A-O Comprehensive Spine Course. Cancun, Mexico, April 8-11, 1999.
- The Use of Allograft Bone in Lumbar Spinal Surgery. Osteotech Corporation, Edison, NJ, April 16, 1999.
- Anterior Lumbar Interbody Fusion - A Stand Alone Procedure. Anterior Interbody Fusion Symposium, Philadelphia, PA, April 17, 1999.
- Anterior and Anterior/Posterior Surgical Approaches for the Treatment of Cervical Myelopathy. American Spinal Injury Association. Atlanta, GA, April 18-21, 1999.
- The Future of Orthopaedics. Jefferson Medical College Student Orthopaedic Society. Philadelphia, PA, April 21, 1999.
- Cervical Spine Trauma, Surgical Management of Thoracolumbar and Cervical Pathologies. Jacksonville,

FL, April 23-24, 1999

- The use of allograft bone in lumbar spine surgery. Musculoskeletal Transplant Foundation bone Symposium. Washington D.C. April 30-May 1, 1999.
- Understanding Computer assisted image guided surgery. Isola Study Group. Charlotte N.C. May 14-15, 1999.
- Understanding spinal function and anatomy. Vineland High School. May 27, 1999
- Spinal cord injury: timing of surgery and pharmacologic management. Indiannapolis Spine Symposium.. Indiannapolis I.N. May 21-22, 1999.
- Treatment of type II odontoid fractures. Indiannapolis Spine Symposium. Indiannapolis I.N. May 21-22, 1999.
- Contemporary management of cervical facet dislocations. Indiannapolis Spine Symposium. May 21-22, 1999.
- Management approach to back and leg pain. Workmans comp' case management symposium.Laurel Hills, N.J. June 3, 1999.
- Educating the spinal surgeon: strategic approaches. Osteotech bone symposium. Bermuda, July 8-10, 1999.
- Development and clinical experience with the XIA spinal implant system. Stryker-howmedica spine focus meeting. Bordeaux France, July 14-17,1999.
- The management of spondylolysis in the athlete. 5th annual athletic training seminar. Mt. Laurel N.J. Sept. 8, 1999.
- The usefulness of steroids in metastatic disease of the spine. 5th Stryker Spinal Invitational Symposium. Ilha de comandatuba, Ileus Brazil.Sept.24-27,1999.
- Applied surgical anatomy of the cervical spine. North American Spine Society. Chicago, Ill. Oct. 23, 1999.
- Applied surgical anatomy of the thoracolumbar Spine. North American Spine Society. Chicago, Ill. Oct 23, 1999.
- The emergency management of spinal cord injury. South Western Medical School. Dallas Texas. Nov. 04, 1999.
- The value of surgical stabilization in the management of the spinal injured patient. Texas Back Institute. Dallas, Texas. Nov 05, 1999.
- Spinal imaging of tumors and infections.. Anterior column support of the spine: Cage technology and bone graft Alternatives II. Paradise Island, Bahamas. Nov 7-10,1999.
- Vertebral osteomyelitis and discitis-Diagnosis and results of treatment. Anterior column support of the spine: Cage technology and bone graft alternatives II. Paradise Island, Bahamas, Nov 7-10, 1999.
- The efficacy of electrical stimulation in spinal fusion. Anterior column support of the spine: Cage technology and bone graft alternatives II. Paradise Island, Bahamas, Nov 7-10,1999.
- Demineralized bone matrix in posterior lumbar spine fusions.Anterior Column support of the spine: Cage technology and bone graft alternatives II. Paradise Island, Bahamas, Nov 7-10,1999.
- The timing of surgery in spinal cord injury. AO Spine course. Bermuda. Nov 11-14, 1999.
- The management of postoperative spinal wound infections. AO Spine course. Bermuda. Nov 11-14. 1999.
- Debate: Closed reduction of cervical spine dislocations followed by posterior stabilization. Current controversies and challenges in spine surgery. Miami, Fla Nov 19-21, 1999.
- Debate: The operative stabilization of thoracolumber spine fractures by the posterior approach. Current controversies and challenges in spine surgery. Miami,Fla, Nov 19-21, 1999.
- Contemporary management of cervical spinal cord injuries. Seventh annual symposium, critical issues in surgery, St, Thomas, US Virgin Islands, Dec 9-11,1999.

- Surgical reconstruction of complex thoracolumbar spine trauma. Seventh annual symposium, critical issues in surgery, St. Thomas, US Virgin Islands, Dec 9-11,1999.
- Current concepts in the pharmacologic management and timing of surgery in the spinal cord injured patient. Seventh annual symposium, critical issues in surgery, St Thomas, US Virgin Islands,Dec 9-11,1999.
- Posterior surgical reconstruction of disorders of the occipital cervical junction. CSRS, Seattle, WA, Dec 15-18,1999.
- **2000**
- Medical care in Third world countries. Orthopaedic Grand Rounds. Thomas Jefferson University, Dept. Orthopaedic Surgery. Jan 6, 2000.
- Spine Surgery for the Family Practitioner. Medical Society of Delaware. Beebe Medical Society, Lewes, Delaware. Jan 7,2000.
- Pathophysiology of spinal cord injury. Sky with the spine twelfth annual spine symposium. Whistler, British Columbia. CN, Jan 15-21.
- The timing of MRI in cervical spine trauma. Ski with the spine twelfth annual spine symposium. Whistler, British Columbia, CN, Jan15-21.
- Cervical spine trauma. San Francisco spine study group. San Francisco Ca, Jan 22.
- The management of Low Back Pain. Thomas Jefferson University Primary Care Physician Orthopaedic Review Course. Phil, P.A. Jan 29.
- Approach to neck and arm pain. Thomas Jefferson University Primary Care Physician Orthopaedic Review Course. Phil, P.A., Jan 29.
- Techniques of Occipital-cervical fusion. The Spine, Current concepts and Treatment. Fort Meyers, Fla. Feb 3-6.
- Lower Cervical Spine Trauma. The Spine, Current concepts and treatment. Fort Meyers, Fla Feb 3-6.
- Lower lumbar and sacral fractures. The spine, current concepts and treatment. Fort Meyers, Fla. Feb 3-6.
- Spinal Resources on the internet: an extensive review. Sharan, A.D., Sharan, R. D., **Vaccaro, A.R.**, Przybylski, G.J. AANS/CNS section on disorders of the spine & peripheral nerves annual meeting. Palm Desert, Ca. Feb. 23-27.
- Posterior surgical treatment options for cervical trauma. AO comprehensive spine course. Breckenridge, CO. 3/9-12.
- Diagnostic strategies for axial low back pain. AO comprehensive spine course. Breckenridge, CO. 3/9-12
- The use of OP-1 (rhBMP-7) in the spine. AO comprehensive spine course. Breckenridge, CO. 3/9-12
- Contemporary management of spinal metastatic disease. Dept of Physical Medicine and Rehabilitation. Thomas Jefferson University. Philadelphia, Pa. 3/15
- Advanced reconstructive techniques for complex fracture dislocations of the thoracolumbar spine. Instructional course. AAOS Orlando, Fla. 3/16-20.
- Bone Graft Substitutes and Biologic Alternatives. Osteotech educational forum. AAOS Orlando, Fla 3/16-20.
- Management of metastatic spinal disease. Thomas Jefferson University Nursing in service. Philadelphia, Pa. 3/27.
- Refugee Medicine. Vineland Highschool. Vineland N.J. 3/30.
- Advances in surgical treatment of thoracolumbar spinal trauma. Hot topics in spine trauma seminar 2000. National Institute of Emergency Care. Atlantic City, N.J. 3/31
- MRI evaluation of intervertebral disc herniations before and after dislocation. Japanese Orthopaedic Association. Kobe Japan, 4/7
- Complications related to the use of intervertebral cage devices.J.O.A. traveling fellowship. Hiroshima

University, Hiroshima, Japan. 4/10

- Complications related to anterior intervertebral cage placement, J.O.A. traveling fellowship. Kyoto University, Kyoto, Japan. 4/12.
- Complications of intervertebral cage placement. J.O.A. traveling fellowship. Mei University, Tsu, Japan. 4/14.
- MRI evaluation of soft tissue disruption following flexion distraction injuries of the cervical spine. J.O.A. traveling fellowship. U. of Sapporo, Sapporo, Japan, 4/17.
- Early vs. Late Surgery: Neurological Outcome Following Cervical Spinal Cord Injury. J.O.A. traveling fellowship. U. of Tokyo, Tokyo, Japan, 4/21
- The efficacy of facet screw fixation in Lumbar Spine surgery. Orthovista focus study group. Philadelphia, Pa. 4/28-29.
- Potential Application of Frameless Stereotaxic Technology in Minimally Invasive Spinal Surgery. Spine Surgery in the New Millennium. 14th International symposium on Arthroscopic and endoscopic spinal surgery. MCP Hahnemann School of Medicine. Philadelphia, Pa. 5/5-6.
- Allograft bone vs. metal: What is the optimal material in intervertebral cages. Crown Plaza Hotel. New York, N.Y., 5/12.
- The management of Lumbar Spinal Degenerative Disease. Update in Perioperative Nursing Care of Spine Patients. Adams Mark Hotel. Philadelphia, Pa. 5/13.
- Athletic Related Injuries To The Cervical Spine. 6th annual athletic trainer's association. Mt. Laurel, N.J. June 7
- Anterior Interbody Support. Thomas Jefferson University, Physician surgeon tutorial. Philadelphia, Pa. June 8.
- The Journey to Recovery. The Jeffrey Lance Foundation For Spinal Cord Research. Four Seasons Hotel, Philadelphia, Pa. June 13.
- The Management of Lumbar Degenerative Disc Disease. NovaCare Physical Therapy Educational Series. Turnersville, N.J. 6/23.
- Paramedic Review Course. Brandywine Hospital, Coatesville, Pa. June 30.
- Indications for Fusion and Instrumentation in Lumbar Degenerative Disorders. Stryker World Advisory Forum. Barcelona, Spain. July 8.
- The Use Of The Internet To Follow Patient Outcomes. Stryker World Advisory Forum. Barcelona, Spain. July 8.
- CME accreditation through the Internet. Stryker World Advisory Forum. Barcelona, Spain. July 8.
- Cervical Myelopathy: The Anterior Approach: NASS Spine Across The Sea, Kona, HI, July 26.
- MRI analysis of soft tissue and bony disruption following Stage II, and Stage III flexion distraction injuries of the cervical spine. Thomas Jefferson University Grand Rounds. August 3.
- Cervical Spine Trauma-update. Martin Luther King-Drew Medical Center. Los Angeles, Ca . August. 11.
- Kyphoplasty as a method to treat painful vertebral compression fractures. Philadelphia, Pa. Sept 19.
- Vertebroplasty and Kyphoplasty as a treatment for osteoporotic compression fractures. Reading country club. Oct 12.
- Molecular biology of the intervertebral disk. Thomas Jefferson Nursing Grand Rounds.
- Perioperative challenges in the new millennium. Oct 13.
- Surgical Relevant Anatomy. Jefferson Medical College. School of Occupational and Physical Medicine. Oct 23.
- Spinal Anatomy-Cervical. North American Spine Society Instructional Course. New Orleans, La. Oct. 28.
- Spinal Anatomy-Thoracolumbar. North American Spine Society Instructional Course. New Orleans, La. Oct. 28.
- Post Laminectomy Kyphosis: A study of two institutions results. Albert, Lazar, Smith, Vaccaro. North

- American Spine Society. New Orleans, La. Oct 26.
- Optimal Surgical Approach for Isthmic Spondylolisthesis in Adults: Meta Analysis. Malloy, Hilibrand, Savas, **Vaccaro, Albert.**. North American Spine Society. New Orleans, La. Oct. 26.
- A safety and efficacy study of OP-1 (rhBMP-7) as an adjunct to posterior lumbar fusion. Patel, **Vaccaro**, Trumees, Fischgrund, Herkowitz, Hilibrand. North American Spine Society. New Orleans, La. Oct. 26.
- Etiologies of Neurological Deterioration in Cervical Spinal Cord Injuries. North American Spine Society. New Orleans, La. Oct 26.
- Medical Management of Low Back Pain: Challenges and Pitfalls American College Of Rheumatology 35th Annual Scientific Meeting. Philadelphia, Pa. Oct. 28.
- Biology of Posterior Lateral Spinal Fusions. Sixth Annual Research Institute International Symposium. Scottsdale, Az 11/8-11/11
- Electrical Stimulation For Lumbar Fusion. Sixth Annual Research Institute International Symposium. Scottsdale, Az 11/8-11/11
- Recombinant BMPs in Spinal Fusion. Sixth Annual Research Institute International Symposium. Scottsdale, Az 11/8-11/11
- Disc Degeneration and Biologic Regeneration. Sixth Annual Research Institute International Symposium. Scottsdale, Az 11/8-11/11
- Surgical Treatment of Disorders of the Cervical-Thoracic Junction. CSRS Instructional Course. Charleston, C.C. 12/02.
- Harrop, J.S., **Vaccaro, A.R.**, Przyblski, G.J.: Acute Respiratory Compromise Associated with Flexion Skeletal traction in Axis Cervical Spine Injuries. 28th Cervical Spine Research Society Charleston, S.C. 11/30-12/02.
- Hilibrand, A.S., Harris, B.M., Nien, Y.N., Nachwalter, R., **Vaccaro, A.R.**, Albert, T.J., Sigler, S.: A Comparison of Three Systems for Unicortical Fixation in the Lateral Mass of the Cervical Spine. 28th Cervical Spine Research Society Charleston, S.C. 11/30-12/02.
- Madigan, L., **Vaccaro, A.R.**, Schweitzer, M. E., Flanders, A. E., Hilibrand, A.S., Albert, T.J.: MRI Analysis of Soft Tissue Disruption Following Flexion Distraction Injuries of the Subaxial Cervical Spine. 28th Cervical Spine Research Society Charleston, S.C. 11/30-12/02.
- The management of postoperative spinal complications, Spinal surgery in the new millenium, Naples Fla, Dec 7.
- The posterior approach for the management of thoracolumbar spine fractures, Spinal surgery in the new millenium, Dec 8.
- AO Advanced International Spine Course. Anterior Surgical Approaches to Subaxial Cervical Injuries, Davos, Switzerland, December 9-16, 2000.
- AO Advanced International Spine Course. Instrumentation Failure in Subaxial Cervical Injuries. Davos, Switzerland, December 9-16, 2000.
- AO Advanced International Spine Course. How to Measure Decompression in Cervical Degeneration Disorders, Davos, Switzerland, December 9, 2000.
- AO Advanced International Spine Course. How to Measure Decompression in Cervical Degeneration Disorders, Davos, Switzerland, December 12, 2000.
- Vertebroplasty and Kyphoplasty. Nuvasive think tank, New York, N.Y. Dec 17
- Current Research In The Management Of Cervical Subaxial Spinal Disorders. Grand Rounds, Northwestern University, Chicago, Ill, 12/22.
- **2001**
- The efficacy of an in situ fusion in the lumbar spine. Anterior column support of the lumbar spine. New Orleans, La January 13-14.
- Disc Degeneration and regeneration. Anterior column support of the lumbar spine. New Orleans,

La January 13-14.

- BMPs in spinal fusion. Anterior column support of the lumbar spine. New Orleans, La January 13-14.
- The timing of surgery in spinal cord injury. 13th annual ski with the spine center. Whistler, British Columbia, Canada 1/15-1/18.
- Contemporary concepts regarding intervertebral cage technology. Orthovita Think Tank. Derrado Beach, Puerto Rico. USA. Jan 26.
- Posterior Cervical instrumentation in the treatment of Trauma. New Frontiers in Spinal Surgery. Westin Innsbruck Hotel, Tampa Fla. Feb, 3.
- The treatment of coronal plane deformity in the setting of scoliosis. The American Association of Neurological Surgeons/ CNS on Disorders of the Spine and Peripheral Nerves. Phoenix, Az. 2/14-2/17.
- The use of robots in spinal surgery. Louisville orthopaedic society meeting. 2/ 27 Louisville, KY.
- The management of thoracolumbar trauma through a circumferential approach. AAOS instructional course lecture March, San Francisco, Ca
- Image guided spinal surgery. University of Gainesville orthopaedic society meeting. University of Gainesville, Gainesville, Fla. March
- OP-1 in interbody applications. Hong Kong international interbody symposium. Hong Kong China, 3/31.
- The use of robotic technology in spinal surgery. Surgeon summit meeting, Scottsdale Ariz, 4/7.
- Anterior Interbody fusion techniques using carbon fiber. Surgeon round table forum. New York City, New York. 4/12.
- Anterior cervical decompression and fusion: Autograft vs bone graft alternatives. New England Baptist Cervical Spine Update. April 27-28 Boston, MA.
- Anterior Approach for Cervical Myelopathy: ACDF vs Corpectomy. New England Baptist Cervical Spine Update. April 27-28 Boston, MA.
- Rheumatoid Arthritis: Subaxial Instabilities. New England Baptist Cervical Spine Update. April 27-28 Boston, MA.
- Odontoid Fractures: Debate-Why the posterior approach is optimal. New England Baptist Cervical Spine Update. April 27-28 Boston, MA.
- Upper Cervical Spine Trauma-Current Concepts. New England Baptist Cervical Spine Update. April 27-28 Boston, MA.
- Instrumentation Techniques for upper cervical spine trauma. Current concepts in spinal surgery. Key Largo, Fla. May 3-6, 2001.
- Anterior Instrumentation Techniques for Thoracolumbar Spine Trauma. Current concepts in spinal surgery. Key Largo, Fla. May 3-6, 2001.
- The treatment of cervical spine trauma. First annual Michigan Spine Society Meeting. Detroit, MI, May 9, 2001.
- The use of OP-1 in Spinal Fusion. Westin Hotel, Sydney, Australia. 5/30.
- Bone Morphogenetic Proteins in spinal fusions. Hilton Hotel, Melbourne, Australia, May 31.
- Bone Morphogenetic Proteins in spinal fusions. Controversies in spinal surgery. Noosa, Queensland, Australia, June 2.
- Robotic Surgery in spinal applications. Controversies in spinal surgery. Noosa, Queensland, Australia, June 2.
- The management of cervical trauma. Controversies in spinal surgery. Noosa, Queensland, Australia, June 3.
- Return to play criteria following cervical spine injury in the athlete. 7th Annual Athletic Trainers Seminar. Double Tree Guest Suite Hotels. Mt Laurel, New Jersey 6/20.
- Gene Expression Profile of normal and degenerative discs: analysis of a rabbit annular laceration model. Anderson, G., Izzo, M. W., Hill, D.J., **Vaccaro, A.R.**, Hilibrand, A., Tuan, R., Albert, T.J:

- International Society for the Study of the Lumbar Spine. Edinburg, Scotland. June 19-22.
- Gene Expression in human discectomy specimens. Anderson, G., Izzo, M. W., Hill, D.J., **Vaccaro, A.R.**, Hilibrand, A., Tuan, R., Albert, T.J.: International Society for the Study of the Lumbar Spine. Edinburg, Scotland. June 19-22.
- The use of Blood growth factors as an adjunct to spinal fusion healing. IMAST meeting . Nassau Bahamas. July 12
- Vertebroplasty vs. Kyphoplasty. IMAST meeting. Nassau, Bahamas. July 12.
- The use of instrumentation in the management of lumbar degenerative disease. IMAST meeting. Nassau Bahamas. July 13.
- The management of lumbar degenerative spondylolisthesis. IMAST meeting. Nassau, Bahamas. July 13.
- Biologic options for Anterior Lumbar Interbody Fusion. Degenerative Lumbar spinal Techniques: Cadaver workshop. Seattle Wash. 7/20-21.
- Cadaver Dissection demonstrations. Degenerative Lumbar spinal Techniques: Cadaver workshop. Seattle Wash. 7/20-21.
- Anterior Cervical grafting and fixation options. AO Cervical Spine Symposium. Niagra Falls, CN. 7/27.
- Posterior Occipital-Cervical fusion techniques. AO Cervical Spine Symposium. Niagra Falls, CN. 7/28.
- Spino-pelvic fixation techniques. Stryker spine symposium. Baltimore Md August 3.
- Advanced Spino-pelvic fixation techniques. Jefferson spine symposium, Sagamore Hotel, Lake George N.Y. Aug 16-19.
- Bioabsorbables in spinal surgery. Jefferson spine symposium, Sagamore Hotel, Lake George N.Y. Aug 16-19.
- Advanced posterior occipital-cervical fixation techniques. Jefferson spine symposium, Sagamore Hotel, Lake George N.Y. Aug 16-19.
- Vertebroplasty in the management painful vertebral compression fractures. Spineology Focus Group. Sun Valley, Idaho, Aug. 23-24.
- Indications and challenges in Anterior cervical spinal surgery-cervical myelopathy. 6th Annual Resident Symposium. John Hopkins University. Baltimore, Md Aug 25.
- Challenges and controversies in posterior cervical spine surgery for cervical myelopathy. 6th Annual Resident Symposium. John Hopkins University. Baltimore, Md Aug 25.
- Isthmic Spondylolisthesis-surgical indications. AO advanced spine course, Marco Island Fla, Sept 6-9.
- Bioabsorbables in spinal surgery. AO advanced spine course, Marco Island Fla, Sept 6-9.
- Circumferential stabilization for complex thoracolumbar burst fractures. AO advanced spine course, Marco Island Fla, Sept 6-9.
- Spinal Trauma-Considerations for surgical intervention. Thomas Jefferson University Department of Radiology annual review course on spinal imaging. Thomas Jefferson University, Philadelphia, Pa. 10/7
- Neurophysiological identification of impending neurologic injury from positioning for anterior cervical spine surgery Cervical spine research society 29th annual meeting 11/29-12/1. Monterey Ca
- The utility of transcranial motor-evoked potential monitoring as an indicator of impending cervical spinal cord injury Cervical spine research society 29th annual meeting 11/29-12/1. Monterey Ca
- Lateral mass plate fixation for cervical instability Cervical spine research society 29th annual meeting 11/29-12/1. Monterey Ca
- Intervertebral disc gene expression: comparison of normal and degenerating discs in an animal model. Cervical spine research society 29th annual meeting 11/29-12/1. Monterey Ca
- The use of BMP's in spinal surgery. Cervical spine symposium. Lake Placid, New York. Oct 13.
- Anterior approaches to the lumbar spine. Current concepts in interbody fusion techniques. Duke University,. Raleigh, North Carolina. Oct 19-20.

- Lumbar Interbody Fusions-Current Concepts. Current concepts in interbody fusion techniques. Duke University,. Raleigh, North Carolina. Oct 19-20.
- Advanced Techniques of Lumbosacral and Spinal Pelvic Fixation, North American Spine Society, Seattle WA. Oct 31-Nov 3, 2001.
- Spinal Anatomy: Multidisciplinary Approach to Essentials in Spine Care, North American Spine Society, Seattle WA. Oct 31-Nov 3, 2001
- Spinal Imaging: Multidisciplinary Approach to Essentials in Spine Care, North American Spine Society, Seattle WA. Oct 31-Nov 3, 2001
- “Two Year Follow Up of a Safety and Efficacy Study of OP-1 (rhBMP-7) as an Adjunct to Posterolateral Lumbar Fusion”. Tushar Ch. Patel, MD, Hopkintown, MA; **Alexander R. Vaccaro, MD**, Philadelphia, PA; Eric Truumees, MD; Jeffrey S. Fischgrund, MD, Royal Oak, MI; Alan S. Hilibrand, Philadelphia, PA; Harry N. Herkowitz, MD, Royal Oak, MI, North American Spine Society, Seattle WA. Oct 31-Nov 3, 2001
- “A Pilot Safety and Efficacy Study of OP-1 (rhBMP-7) in Posterolateral Lumbar Fusion as a Replacement for Iliac Crest Autograft”. Tushar Ch. Patel, MD, Hopkintown, MA; John A. McCulloch, MD, FRCSC, Akron, OH; **Alexander R. Vaccaro, MD**, Philadelphia, PA; Eric Truumees, MD; Jeffrey S. Fischgrund, MD; Harry N. Herkowitz, MD, Royal Oak, MI; Todd J. Albert, MD; Alan Hilibrand, MD, Philadelphia, PA; Frank M. Phillips, MD; F. Todd Wetzel, MD, Chicago, IL, North American Spine Society, Seattle WA. Oct 31-Nov 3, 2001
- “Lateral Mass Plate Fixation for Severe Cervical Instability”. Jed Vanichkachorn, MD; Paul C. McAfee, MD; Ira L. Fedder, MD; Michael A. Catino, MD, Towson, MD; **Alexander R. Vaccaro, MD**; Todd J. Albert, MD, Philadelphia, PA; Marshall D. Paris, MD; James Kang, MD, Pittsburgh, PA, North American Spine Society, Seattle WA. Oct 31-Nov 3, 2001
- “Pedicule Screws with a High Electrical Resistance: A Potential Source of Error with Stimulus Evoked EMG”. D. Greg Anderson, MD, Philadelphia, PA; Lawrence R. Wierzbowski, PhD; Daniel M. Schwartz, PhD, Bala Cynwyd, PA; Alan S. Hilibrand, MD; **Alexander R. Vaccaro, MD**, Todd J. Albert, MD, Philadelphia, PA, North American Spine Society, Seattle WA. Oct 31-Nov 3, 2001
- Occipital-cervical instrumentation: Current concepts 10th Annual Meeting of the Japanese Spinal Instrumentation Society, Tokyo Japan. Oct. 26, 2001
- The management of low back pain. Department of Physical Therapy and Rehabilitation. Thomas Jefferson University. Philadelphia, Pa 11/05
- Current concepts in cervical spine trauma management. Delaware Orthopaedic society Meeting. A.I. Dupont Institute, Wilmington Delaware.11/09.
- The use of Bioabsorbable implants in spinal surgery. Delaware Orthopaedic society Meeting. A.I. Dupont Institute, Wilmington Delaware.11/09
- Anterior cervical exposure and decompression. Advanced techniques in the management of complex spinal disorders. AAOS Rosemont learning center. Rosemont, Ill Nov 16-18, 2001
- Occipital-Atlantal and Atlanto-Axial fixation Techniques. Advanced techniques in the management of complex spinal disorders. AAOS Rosemont learning center. Rosemont, Ill Nov 16-18, 2001
- Anterior odontoid screw placement. Advanced techniques in the management of complex spinal disorders. AAOS Rosemont learning center. Rosemont, Ill Nov 16-18, 2001
- Intervertebral Disc Gene expression: comparison of normal and degenerating discs in an animal model. Cervical Spine Research Society. Monterey Ca. Nov 29-Dec 1.
- Lateral mass plate fixation for severe cervical instability. Cervical Spine Research Society. Monterey Ca. Nov 29-Dec 1.
- Neurophysiological identification of impending neurologic injury from positioning for anterior cervical spine surgery. Cervical Spine Research Society. Monterey Ca. Nov 29-Dec 1.
- The utility of transcranial motor-evoked potential monitoring as an indicator of impending cervical

- spinal cord injury. Cervical Spine Research Society. Monterey Ca. Nov 29-Dec 1.
- The use of robots in spinal surgery. The combined orthopaedic society meeting of Argentina, Brazil and Italy. Buenos Aires, Argentina. Dec 2-6
- The management of SCI- timing of surgical intervention. The combined orthopaedic society meeting of Argentina, Brazil and Italy. Buenos Aires, Argentina. Dec 2-6
- The management of coronal plane deformities in scoliosis. The combined orthopaedic society meeting of Argentina, Brazil and Italy. Buenos Aires, Argentina. Dec 2-6
- The management of subaxial cervical trauma. The combined orthopaedic society meeting of Argentina, Brazil and Italy. Buenos Aires, Argentina. Dec 2-6
- The management of failed surgery following surgery for subaxial cervical spine trauma. The AO Davos spine course. Davos, Switzerland. Dec 9-14.
- Anterior approaches to the management of subaxial cervical spine trauma. The AO Davos spine course. Davos, Switzerland. Dec 9-14.
- How to determine the extent of decompression in cervical spondylitic myelopathy. The AO Davos spine course. Davos, Switzerland. Dec 9-14.
- **2002**
- Anatomy of the thoracolumbar spine. Philadelphia AO resident spine review course. Philadelphia, Pa 1/5-6
- Cervical spine injuries. Minneapolis Spine Symposium. Minneapolis, MN 1/13
- Update on Cervical Trauma. Whistler Spine Course. University of South Florida. 1/19-24.
- Posterior Cervical Instrumentation Biomechanics. Spinal education and Research Institute, Denver, Co. 2/8
- Circumferential stabilization of thoracolumbar burst fractures. Instructional course lecture, American Academy of Orthopaedic Surgery. Dallas, Texas 2/13
- Genetics of intervertebral disc degeneration. Specialty Day. Federation of Spine Surgery. American Academy of Orthopaedic Surgery. Dallas, Texas 2/16/2002
- Design principles in lumbar pedicle screw fixation systems. Controversies in lumbar spinal surgery. Newport Beach Ca 2/19-21
- BMP's in spinal surgery. Controversies in lumbar spinal surgery. Newport Beach Ca 2/19-21
- The use of pedicle screw fixation strategies in lumbar degenerative scoliosis. Controversies in lumbar spinal surgery. Newport Beach Ca 2/19-21
- Cervical spine injuries in the athlete. 33rd Annual "Medical Aspects of Sports" University of Delaware. Newark, DE 2/23
- Current concepts in the management of subaxial spine fractures. Cedars Sinai current concepts in spinal surgery. Palm Springs, Ca 3/6-9
- Bioabsorbables in spinal surgery. Cedars Sinai current concepts in spinal surgery. Palm Springs, Ca 3/6-9
- The timing of surgical intervention in spinal cord injury. Thomas Jefferson Spinal cord injury conference.. Philadelphia, Pa 3/21
- The management of the athlete with a cervical spine injury. New topics in trauma. National Institute of Emergency Care. Atlantic City, N.J. 3/22
- Prehospital and emergency management of the spinal cord injury patient. Doha neurotrauma symposium. Doha, Qatar 4/13-16
- Contemporary management of cervical spine injuries. Doha neurotrauma symposium. Doha, Qatar 4/13-16
- The role and cost effectiveness of a spinal cord injury center. Doha neurotrauma symposium. Doha, Qatar 4/13-16
- The management of the pediatric spinal cord injury patient. Doha neurotrauma symposium. Doha,

Qatar 4/13-16

- The management of cervical spine injuries in the athlete. The spine study group. West Palm Beach, Fla 4/18-21
- The use of bioabsorbables in the spine. The spine study group. West Palm Beach, Fla 4/18-21
- The management of cervical spine dislocations. AO Spine course. Washington D.C. 4/27
- Central Cord syndrome. AO Spine course. Washington D.C. 4/27
- The genetics of intervertebral disc degeneration. The spinal arthroplasty society. Montpellier France 5/5-8
- Osteoinductivity of subcutaneous vitoss with isologous bone marrow in rats. International Society for the Study of the Lumbar Spine. **Vaccaro, A.R.**, Betz, R., Albert, T.J. Cleveland, Ohio 5/14-18/2002
- A pilot safety and efficacy study of OP-1 (rhBMP-7) in posterolateral lumbar fusion as a replacement for iliac crest autograft. Patel, T., **Vaccaro, A.R.**, Truumees, E., Fischgrund, J.S., herkowitz, H., Albert, T., Hilibrand, A., *Phillips, F.*, Wetzels, T., and McCulloch, J. 9th International Meeting on advanced Spine Techniques. Montreux, Switzerland 5/23-25.
- Platelet rich plasma applications in spine surgery. 9th International Meeting on advanced Spine Techniques. Montreux, Switzerland 5/23-25.
- Lumbar spine degenerative spondylolisthesis and spinal stenosis. 9th International Meeting on advanced Spine Techniques. Montreux, Switzerland 5/23-25.
- Anterior lumbar interbody fusion techniques: precise placement of femoral ring allograft, reduced profile cages and carbon fiber cages and carbon fiber spacers. 9th International Meeting on advanced Spine Techniques. Montreux, Switzerland 5/23-25.
- Genetic manipulation of Degenerative Disc Disease. Depuy-Acromed, Raynam, Ma. 6/13
- The treatment of spinal injuries in the injured athlete. 8th Annual Athletic trainer's Seminar. Double Tree Hotel, Voorhees, N.J. 6/19
- Future management strategies for lumbar degenerative disc disease. UCSD Garfin fellowship meeting. San Diego, Ca. 7/13-14
- Spinal Trauma-Current Concepts. Brooks Army Medical Center 8th Annual Trauma Symposium. San Antonio, Tx 8/12
- Combined approaches for the surgical management of acute or chronic fractures in the setting of severe osteoporosis. SICOT/SIROT XXII World Congress. San Diego Ca 8/27
- Advances in cervical spine instrumentation. SRS traveling fellowship tour. Thomas Jefferson University. Philadelphia. Pa 8/28
- Posterior cervical instrumentation techniques. Advances in Spine Surgery. EBI educational forum. San Diego, Ca. 9/14
- The impact of BMPs on the use of Instrumentation in Lumbar Degenerative Disease. Kansas City Spine Focus Group, Kansas City Missouri. 9/16
- Adult isthmic spondylolisthesis. AO comprehensive and interactive spine course. Newport RI, 10/3-6
- Bioabsorbable spinal implants. AO comprehensive and interactive spine course. Newport RI, 10/3-6
- Cervical facet dislocation: The posterior approach-debate. AO comprehensive and interactive spine course. Newport RI, 10/3-6
- Combined approaches for thoracolumbar spine trauma. AO comprehensive and interactive spine course. Newport RI, 10/3-6
- The management of cervical spine injuries in the young athlete. Grand rounds. Department of Physical Medicine and Rehabilitation. Thomas Jefferson University. Philadelphia, Pa 10/9
- The history of spinal fixation. Dynamic spine stabilization symposium. Frisco, Tx 10/11-12
- Lumbar Degenerative Disc Disease- Treating the Pain Generator. Dynamic spine stabilization symposium. Frisco, Tx 10/11-12
- Functional Assessment of Donor Site Morbidity Following Anterior Iliac Crest Bone Harvest for Single

- Level Anterior Cervical Discectomy and Fusion by a Single Surgeon” - Silber J, Anderson G, Daffner S, Brislin B, Leland M, Hilibrand AS, **Vaccaro AR**, Albert TJ. North American Spine Society. 17th Annual Meeting. Montreal, Canada. 10/ 29-11/ 2
- Maintenance of Reduction in Patients Undergoing Transforaminal Lumbar Interbody Fusion for Isthmic Spondylolisthesis. Daffner S, Auerbach J, Hilibrand AS, **Vaccaro AR**, Albert TJ. North American Spine Society. 17th Annual Meeting. Montreal, Canada. 10/ 29-11/ 2
 - Symposium: Controversies in Management of the Cervical Spine, The value of early reduction before MRI in the management of a unilateral cervical facet dislocation – Albert TJ, Saal J, Hilibrand AS, Fessler R, Dickman C, Eismont F, **Vaccaro AR**. North American Spine Society. 17th Annual Meeting. Montreal, Canada. 10/ 29-11/ 2
 - Transcranial Electric Motor-Evoked Potential Monitoring as an Early Indicator of Emerging Thoracic Spinal Cord Ischemic Injury. Scharztz D, Li M, **Vaccaro AR**, Hilibrand AS, Mirarchi N, Matsumoto C, Sestokas A, Strantzas S, Albert TJ. North American Spine Society. 17th Annual Meeting. Montreal, Canada. 10/ 29-11/ 2
 - Minimally invasive approaches for the treatment of osteoporosis. North American Spine Society. 17th Annual Meeting. Montreal, Canada. 10/ 29-11/ 2
 - BMP's: rhBMP-2 vs rhBMP-7. North American Spine Society. 17th Annual Meeting. Montreal, Canada. 10/ 29-11/ 2
 - Anatomy and Imaging of the spine. Multidisciplinary essentials in spine care. North American Spine Society. 17th Annual Meeting. Montreal, Canada. 10/ 29-11/ 2
 - Long-term Organ Culture of the Intervertebral Disc. Albert T, Izzo M, Markarand R, **Vaccaro AR**, Hilibrand A, Vreslovic E, Shapiron I. Cervical Spine Research Society 30th Annual Meeting. Miami Beach, Florida. 12/5-12/7
 - Bone Morphogenetic Proteins-Current Concepts. Management of the spine: Current concepts and future trends. Atlantic Neuroscience Institute and the Neurology Institute of New Jersey. Baskin Ridge, N.J. 11/15-16
 - Lumbar Total Disk Replacement-Current concepts. Management of the spine: Current concepts and future trends. Atlantic Neuroscience Institute and the Neurology Institute of New Jersey. Baskin Ridge, N.J. 11/15-16
 - The spine in sports. Contemporary Management of Neck and Low back Disorders. Rothman Institute Primary Care Spine Course. Philadelphia, Pa 11/14
 - The management of low back pain. Contemporary Management of Neck and Low back Disorders. Rothman Institute Primary Care Spine Course. Philadelphia, Pa 11/14
 - The treatment of osteoporotic spinal disorders. Contemporary Management of Neck and Low back Disorders. Rothman Institute Primary Care Spine Course. Philadelphia, Pa 11/14
 - Bone graft Alternatives. Degenerative disc disease ? Controversies in etiopathogenesis Management and costs. Brussels International Spine Symposium. Brussels, Belgium 11/22-23
 - Improvement of spine implant performance through analysis of retrieved implants. Cervical Spine Research Society. Miami, Fla, 12/5-7
 - Long term organ culture of the intervertebral disk. Cervical Spine Research Society. Miami, Fla, 12/5-7
 - Tissue Engineering. 3rd World Congress Minimally Invasive Spinal Surgery & Medicine. Phoenix, Arizona 12/ 8
 - Bone Morphogenetic Proteins-Current Concepts. Cervical spine symposium. Stuttgart, Arkansas. 12/13-15
 - Bioabsorbable implants in spinal surgery. Cervical spine symposium. Stuttgart, Arkansas. 12/13-15
 - Villarraga, ML; Cripton, PA; **Vaccaro, AR**; Hilibrand, AS; Albert, TJ; Turner, JL; Boatwright, JR; Smith, TR, “Engineering Analysis of Retrieved Spine Implants,” 29th Annual Meeting and Exposition of the Society of Biomaterials, Reno, NV, Vol. 26, p. 669, 2003.

- J.L. Turner, J.R. Boatwright, **A.R. Vaccaro**, A.S. Hilibrand, T.J. Albert, M.L. Villarraga, P.A. Cripton, "Improvement of Spine Implant Performance through Analysis of Retrieved Implants: Preliminary Results," Proceedings, 28th Annual Northeast Bioengineering Conference, Philadelphia, PA, p. 159, April 20–21
- **2003**
- Posterior cervical instrumentation-current concepts: Challenges to Spine Surgery. Hyatt Cerromar Beach Resort. Puerto Rico 1/10-11
- Image guided surgery-update: Challenges to Spine Surgery. Hyatt Cerromar Beach Resort. Puerto Rico 1/10-11
- Pitfalls in the management of cervical trauma. Whistler, British Columbia, CN, Jan19-26
- The treatment of lumbar degenerative disease-current concepts. First annual Pacific Northwest Spine Symposium. Lake Tahoe, Nevada. 2/2
- BMPs –current concepts. First annual Pacific Northwest Spine Symposium. Lake Tahoe, Nevada. 2/2
- Complications in the management of cervical trauma. First annual Pacific Northwest Spine Symposium. Lake Tahoe, Nevada. 2/2
- Sethuraman, V., Hilibrand, A.S., Schwartz, D.M., **Vaccaro, A.R.**, Albert, T.J.: The utility of transcranial motor-evoked potential monitoring during cervical spine surgery. Amer. Acad. Orth. Surg. New Orleans, La 2/5-2/9
- Hilibrand, A.S., **Vaccaro, A.R.**, Truumees, E., Fischgrund, J.S., Herkowitz, H.N., Albert, T.J., McCulloch, J.A.: One year follow up on patients in a pilot safety and efficacy study of OP-1 (rhBMP-7) in posterolateral lumbar fusion as a replacement for iliac crest autograph. Amer. Acad. Orth. Surg. New Orleans, La 2/5-2/9
- The combined approach for thoracolumbar spine fractures. Instructional course lecture. Amer. Acad. Orth. Surg. New Orleans, La 2/5-2/9
- Debate: Which BMP is most efficacious BMP-2 vs BMP-7. Amer. Acad. Orth. Surg. New Orleans, La 2/5-2/9
- An update on the use of bioabsorbables in the spine. Cedars Sinai current concepts in spinal surgery. Palm Springs, Ca 3/1
- Emerging spinal technologies-panel discussion. Cedars Sinai current concepts in spinal surgery. Palm Springs, Ca 3/1
- An Algorithm for the management of cervical trauma. Spine educational summit. Vail, Co, 3/ 9-12
- Cervical trauma case review panel discussion. Spine educational summit. Vail, Co, 3/ 9-12
- Spine interbody fusion assessment.The future of arthrodesis in degenerative disc disease. Meiringen, Switzerland, 3/13-14
- Novel nonfusion alternatives in the management of lumbar degenerative disk disease. The future of arthrodesis in degenerative disc disease. Meiringen, Switzerland, 3/13-14
- Similarities and differences in the management of spinal trauma as a function of training and geographic location. Spine Trauma Study Group. Miami, Fla 4/3
- Future trends in the management of spinal metastatic disease. International symposium of spinal radiosurgery. Washington DC, 4/11
- The use of OP-1 Putty as a replacement for iliac crest autograft bone in the treatment of lumbar degenerative spondylolisthesis, 2003 Annual Scientific Meeting of the Australian Spine Society. Canberra Australia 4/26
- OP-1 vs rhBMP-2 Debate. The Spine Study Group. West palm beach 4/30-5/4
- The treatment of lumbar degenerative disk disease. The science of motion sparing technology. The Spine Study Group. West palm beach 4/30-5/4
- The treatment of spinal trauma. Case presentations. The Spine Study Group. West palm beach 4/30-5/4

- The use of BMP's in spinal surgery. The Atlanta regional Spine Symposium. Atlanta Georgia. 5/10
- The future of Lumbar Spine Sparring motion devices in the treatment of Lumbar Degenerative Disk disease, The Atlanta regional Spine Symposium. Atlanta Georgia. 5/10
- Kwon, B., Berta, S., Daffner, J., Auerbach, J., Hilibrand, A., **Vaccaro, A.R.**, Albert, T.J.: Radiographic analysis of transforaminal lumbar interbody fusion for isthmic spondylolisthesis. International Society Study Lumbar Spine, Vancouver CN 5/13-17
- Risbud, M., Izzo, M., Albert, T.J., Adams, C., Hilibrand, A., **Vaccaro, A.R.**, Vresilovic, E.W., Shapiro, I.: Mesenchymal stem cells respond to their microenvironment in vitro to assume nucleus pulposus-like matrix. International Society Study Lumbar Spine, Vancouver CN 5/13-17
- 6/8/03 The use of OP-1 in posterolateral fusions, EFFORT meeting, 6th Congress of the European Federation of National Associations of Orthopaedics and Traumatology Helsinki, FN
- 6/8/03 The use of structural allograft vs autograft in anterior spinal applications. EFFORT meeting, 6th Congress of the European Federation of National Associations of Orthopaedics and Traumatology, Helsinki, FN
- 6/8/03 Spinal applications of OP-1 (Osigraft). Dinner Conference on BMP-7, Helsinki, FN
- The contemporary management of cervical subaxial spine trauma. SRS Traveling spine fellowship. Istanbul Turkey, 6/13/03
- Bone graft alternatives and extenders. SRS Traveling spine fellowship. Istanbul Turkey, 6/13/03
- Bioabsorbables in spine Surgery. SRS Traveling spine fellowship. Istanbul Turkey, 6/13/03
- Pitfalls in the management of cervical spine trauma SRS Traveling spine fellowship. Istanbul Turkey, 6/13/03.
- Lumbar artificial disk replacement. The Orthopaedic Department of Athens. Athens Greece 6/17/03
- The management of cervical spine trauma and its complications. The Orthopaedic Department of Athens. Athens Greece 6/17/03
- Ankylosing Spondylitis. The Orthopaedic Department of Athens. Athens Greece 6/17/03
- Robot Technology in Spinal Surgery. Department for Spine surgery and Scoliosis Center, Klinikum Neustadt, Neustadt in Holstein, Germany 6/20/03
- Shortcomings of intervertebral disk replacement technology. Department of orthopaedic Surgery, Abteilung fuer Wirbelsaeulen Chirurgie Karlsbad-Langensteinbach, Germany. 6/23/03
- Spino-pelvic fixation options. Hopital Saint Vincent de paul. Paris, France. 6/24/03
- Methods of stabilizing the Lumbosacral pelvic junction. Calot Institut – Berck Sur Mer, France, 6/26/03
- The benefits of motion sparing technology in the treatment of lumbar degenerative disease, Centre des Massues-Alexandre Bonjean, Lyon, France 6/27/03
- Cervical spine injuries: return to play criteria in the athlete. Queens Medical Centre, Nottingham, England. 6/30/03
- Motion sparing devices in spinal surgery. Queens Medical Centre, Nottingham, England. 6/31/03
- Two year follow up on patients in a pilot safety and efficacy study of OP-1 (rhBMP-7) in posterolateral lumbar fusion as a replacement for iliac crest autograft. 10th international meeting on advanced Spine. Rome, Italy 7/10-12/02
- Degenerative lumbar scoliosis-panel discussion. 10th international meeting on advanced Spine. Rome, Italy 7/10-12/02
- Instructional course lecture. Complex cervical reconstruction challenges. 10th international meeting on advanced Spine. Rome, Italy 7/10-12/02
- Lumbar degenerative disk disease. Round table discussion. 10th international meeting on advanced Spine. Rome, Italy 7/10-12/02
- Instructional course lecture. Unique minimally invasive access techniques of the posterior lumbar spine. 10th international meeting on advanced Spine. Rome, Italy 7/10-12/02

- Cervical challenges Round table discussion. 10th international meeting on advanced Spine. Rome, Italy 7/10-12/02
- Instructional course lecture. Vertebral body replacement technology update for traumatic spine injury. 10th international meeting on advanced Spine. Rome, Italy 7/10-12/02
- DVT prophylaxis in elective and traumatic spine surgery. Advanced Spinal Techniques. Chicago, Illinois. 7/18-19
- Group panel discussion: Tissue engineering and motion sparing technology- The present and thirty years from now. The future of spine treatments, technologies & techniques. La Jolla, Ca. 7/24-26
- Case presentation: Bilateral cervical facet dislocation in the presence of a normal neurological examination. AO/ASIF Comprehensive Spine Course, Quebec, CN. 8/8
- Case presentation: Multilevel spondylotic cervical disease with myelopathy. AO/ASIF Comprehensive Spine Course, Quebec, CN. 8/8
- Biologic strategies in spinal reconstruction. AO/ASIF Comprehensive Spine Course, Quebec, CN. 8/9
- Case presentation: Thoracolumbar metastasis in the presence of spinal cord injury AO/ASIF Comprehensive Spine Course, Quebec, CN. 8/10
- Complications of surgery in metastatic spinal disease. AO/ASIF Comprehensive Spine Course, Quebec, CN. 8/10
- The indications for circumferential stabilization in thoracolumbar trauma. 49th Annual American paraplegia society. Sept 4, 2003 Las Vegas, Nevada
- The use of bioabsorbable implants in spine surgery Cervical Think Tank Meeting, Boston MA Sept 12-14
- Complications in the management of cervical spine trauma. Drexel University school of Medicine Grand Rounds. Philadelphia, Pa 9/30
- A PILOT SAFETY AND EFFICACY STUDY OF OP-1 PUTTY (rhBMP-7) AS A REPLACEMENT FOR ILIAC CREST AUTOGRAFT IN POSTEROLATERAL LUMBAR FUSION. OP-1 investigators meeting. Las Vegas, NV 10/2
- Lumbar Intervertebral Disk Replacement-Contemporary Concepts. 2nd Annual Spine Symposium. Baltimore Md 10/18
- Spondylolisthesis- Current concepts. 2nd Annual Spine Symposium. Baltimore Md 10/18
- Comparison of Transcranial Electric Motor and Somatosensory Evoked Potential Monitoring During Cervical Spine Surgery. North American Spine Society Meeting. San Diego, CA 10/22.
- Albert, T.J., **Vaccaro, A.R.**, Trumees, E., Fischgrund, J., Herkowitz, H., Patel, T., Hilibrand, A., Phillips, P., Wtzel, T., McCulloch. Two-Year Follow-Up on Patients in a Pilot Safety and Efficacy Study of OP-1 (rhBMP-7) in Posterolateral Lumbar Fusion as a Replacement For Iliac Crest Autograft. North American Spine Society Meeting. San Diego, CA 10/22
- Controversies in Lumbar Spine Surgery: Motion vs. Fusion: L5-S1 Disk Degeneration. Dis Replacement is the Answer. North American Spine Society Meeting. San Diego, CA 10/23.
- Cervical Degenerative Spinal disease. AAOS review course for practicing orthopaedic surgeons. Newport Beach Ca, 11/2.
- The evolution of posterior cervical instrumentation. Abington Hospital regional Neurologic Grand Rounds, Jenkintown, Pa 11/10
- Pediatric Spinal Cord Injury - Contemporary Concepts. XXXIX Congreso Chileno de Ortopedia y Traumatologia. Concepcion, Chile. 11/19-22
- Indications and techniques for stand alone anterior lumbar interbody fusion. XXXIX Congreso Chileno de Ortopedia y Traumatologia. Concepcion, Chile. 11/19-22
- The combined approach for the surgical management of osteoporotic compression fractures. XXXIX Congreso Chileno de Ortopedia y Traumatologia. Concepcion, Chile. 11/19-22

- Pitfalls in the management of cervical spine trauma. Brown university, providence RI, 12/3/03
- 15th Annual Pan-Philadelphia Neurosurgery Conference. The Union League, Philadelphia, Pa 12/5
- Robotics in spinal surgery. Challenges in spine surgery. EBI, New York, NY. 12/5
- Grauer, J., **Vaccaro, A.R.**, Kato, M., Kwon, B., Patel, T., Hilibrand, A., Chiba, K., Albert, T.: Development of a New England Zealand white rabbit model of spinal pseudarthrosis repair and evaluation of the potential role of OP-1 to overcome pseudarthrosis. 31st Cervical Spine Research Society, Scottsdale, AZ 12/11-13
- Hilibrand, A., Seigler, S., Berta, S., Dafner, S., Balasubramanian, K., Eichenbaum, M., Albert, T., **Vaccaro, A.R.**: The effect of cervical spondylosis and anterior cervical plating on neck motion. 31st Cervical Spine Research Society, Scottsdale, AZ 12/11-13
- Debate. Anterior posterior cervical fusion for multilevel cervical myelopathy. 31st Cervical Spine Research Society, Scottsdale, AZ 12/11-13
- Risbud, M., Albert, T., Hilibrand, A., **Vaccaro, A.**: 2002 Research Grant Update: Use of mesenchymal cells for restoration of nucleus pulposus. 31st Cervical Spine Research Society, Scottsdale, AZ 12/11-13
- Advances in the management of lumbar degenerative disk disease. SOMOS (Society of Military Orthopaedic Surgeons), Honolulu, HI 12/19
- **2004**
- Medicolegal implications in the timing of surgery in spinal cord injury. The 4th Annual Conference on Medical negligence and risk management in medicine, surgery, orthopaedic surgery, emergency medicine and radiology. Boston University School of Medicine and the Center for Human Genetics 1/5-8 Maui, HI
- Medicolegal implications in the management of cauda equina syndrome and spinal epidural abscess. The 4th Annual Conference on Medical negligence and risk management in medicine, surgery, orthopaedic surgery, emergency medicine and radiology. Boston University School of Medicine and the Center for Human Genetics 1/5-8 Maui, HI
- Medicolegal implications in the pharmacological management of spinal cord injury. The 4th Annual Conference on Medical negligence and risk management in medicine, surgery, orthopaedic surgery, emergency medicine and radiology. Boston University School of Medicine and the Center for Human Genetics 1/5-8 Maui, HI
- The posterior approach to cervical myelopathy. 16th Annual Contemporary Update On Disorders of the Spine. Whistler, British Columbia, 1/18-20
- The surgical reconstruction of the osteoporotic spine fracture. 16th Annual Contemporary Update On Disorders of the Spine. Whistler, British Columbia, 1/18-20
- The use of OP-1 (BMP 7) as a replacement for autograft in posterolateral fusion. The Unstable Spine: Biomechanics and Treatment. Waardenberg, The Netherlands 1/22/04
- A pilot and efficacy study of OP-1 putty (rhBMP-7) as a replacement for iliac crest autograft in posterolateral lumbar fusion. The Unstable Spine: Biomechanics and Treatment. Waardenberg, The Netherlands 1/22/04
- Medical Malpractice in the 21st Century. Grand Rounds. Department of Orthopaedic Surgery. Thomas Jefferson University. Philadelphia, Pa 2/19
- Classification of thoracolumbar spine fractures. Management of the Critical care Patient. University of Pittsburgh, 2/28-29
- The treatment of thoracic fractures. Management of the Critical care Patient. University of Pittsburgh, 2/28-29
- The treatment of a L5,S1 bilateral facet dislocation. A case review. Management of the Critical care Patient. University of Pittsburgh, 2/28-29
- Debate: Anterior and posterior surgery is necessary for multilevel cervical myelopathy. Federation of

- Spine Association. AAOS, San Francisco, Ca, 3/13/04
- Modern techniques in the surgical management of cervical spine disorders. Posterior surgical management of upper cervical spine injuries. AAOS, San Francisco, Ca, 3/11/04
 - The classification of thoracolumbar spine fractures. Grand Rounds. Department of physical Medicine and Rehabilitation. Thomas Jefferson University. Philadelphia, Pa 3/17
 - Advances in spinal cord injury protection and regeneration. AO Spine North American Fellows Forum. Banff Springs Alberta, CN 3/27/04
 - Case presentations-spinal deformity. AO Spine North American Fellows Forum. Banff Springs Alberta, CN 3/27/04 The management of odontoid fractures in the elderly. AO/ASIF Spine Trauma Symposium. Orlando Florida. 4/23-25
 - Return to play criteria in the athlete following a cervical spine injury. AO/ASIF Spine Trauma Symposium. Orlando Florida. 4/23-25
 - Cervical spinal cord injury-case presentation. AO/ASIF Spine Trauma Symposium. Orlando Florida. 4/23-25
 - A new thoracolumbar trauma classification system. Spine Trauma Study Group. Denver, Co. 5/13-14/04
 - Classification of thoracolumbar trauma. Spine Trauma Study Group. Denver, Co. 5/13-14/04
 - The contemporary treatment of subaxial spine trauma. Contemporary Management of Spinal Disorders- Decision Making For New Technology, Palm Beach, Florida 5/20
 - Nucleus pulposus replacement. Contemporary Management of Spinal Disorders- Decision Making For New Technology, Palm Beach, Florida 5/20
 - Multiple level anterior cervical corpectomy. Cervical Spine Study Group. 4th annual resident instructional course..Chicago, ILL 5/21
 - Lab instructor. Laminoplasty. Cervical Spine Study Group. 4th annual resident instructional course.Chicago, ILL 5/21
 - Lab instructor C2,C1 transarticular screws,C1 Lateral mass screws, C2 pedicle, isthmus screws. Cervical Spine Study Group. 4th annual resident instructional course..Chicago, ILL 5/21
 - Lab instructor Anterior cervical plating. Cervical Spine Study Group. 4th annual resident instructional course.Chicago, ILL 5/21
 - Lab instructor Anterior cervical corpectomy. Cervical Spine Study Group. 4th annual resident instructional course..Chicago, ILL 5/21
 - The use of Bioabsorbable implants in spinal surgery. SpineWeek, Porto Portugal 5/30-6/5/04
 - The use of anterior cervical instrumentation in spinal surgery. SpineWeek, Porto Portugal 5/30-6/5
 - The use of posterior occipital cervical instrumentation in degenerative and traumatic conditions of the spine. SpineWeek, Porto Portugal 5/30-6/5
 - New innovations in bioabsorbable technologies in spinal applications. SpineWeek, Porto Portugal 5/30-6/5
 - A new thoracolumbar fracture classification. Spinal Cord Injury Conference. Thomas Jefferson University. Philadelphia, Pa 6/10.
 - Understanding Occipital cervical biomechanics and how it relates to instrumentation design. Dallas TX 6/17-18
 - A new thoracolumbar fracture classification. Copley Hotel, Boston, Ma 6/25.
 - **Vaccaro, A.R.**, Grauer, J., Albert, T., Hilibrand, A., Patel, T., Kato, M., Kwon, B., Beiner, J., Chiba, K.: Evaluation of OP-1 (BMP-7) in a New Zealand White Rabbit: Pseudarthrosis model. International Meeting on Advanced Spine Technologies. Bernuda 7/1-7/3
 - Instructional Course: Advanced treatments in complex cervical reconstruction. International Meeting on Advanced Spine Technologies. Bernuda 7/1-7/3
 - Panel discussion: current state of bone graft options. International Meeting on Advanced Spine

Technologies. Bernuda 7/1-7/3

- Panel discussion-Cervical challenges. International Meeting on Advanced Spine Technologies. Bernuda 7/1-7/3
- The management of complications associated with the management of surgery for cervical spine injuries. Spinal Cord Injury Meeting. Thomas Jefferson University. 7/16
- Debate: The usefulness of discography. Update on Spinal innovations. New Orleans, La 7/29-31
- New directions in bioabsorbable technology. Update on Spinal innovations. New Orleans, La 7/29-31
- The mini ALIF approach to the lumbar spine. Update on Spinal innovations. New Orleans, La 7/29-31
- Workshop: The mini ALIF approach to the lumbar spine. Update on Spinal innovations. New Orleans, La 7/29-31
- Workshop: The far lateral approach to the lumbar spine. Update on Spinal innovations. New Orleans, La 7/29-31
- Nucleus pulposus replacement- contemporary update. Innovative Techniques in Spine surgery. Los cabos, Mexico. 8/4-7
- Design Considerations in Lumbar Total Disk Arthroplasty. Innovative Techniques in Spine surgery. Los cabos, Mexico. 8/4-7
- Bone Graft Alternatives in spine Surgery. University of Kansas. Kansas City Missouri, 8/20
- Cervical Arthroplasty. AO ASIF Advanced Concepts in the Management of Spinal Disorders. Ponte Verdra, Fl. 9/9-10
- Lumbar Arthroplasty. AO ASIF Advanced Concepts in the Management of Spinal Disorders. Ponte Verdra, Fl. 9/9-10
- Occipital and Upper Cervical Spine Classification and Treatment. AO ASIF Advanced Concepts in the Management of Spinal Disorders. Ponte Verdra, Fl. 9/9-10
- An update on Thoracolumbar Spine Trauma. American College of Spine Surgery. Phoenix, AZ 9/23-9/26
- Complications of Spinal Surgery. American College of Spine Surgery. Phoenix, AZ 9/23-9/26
- The use of robots and nanotechnology in spinal surgery. American College of Spine Surgery. Phoenix, AZ 9/23-9/26
- A new classification system for thoracolumbar fractures. The Spine Trauma Study Group. New Orleans, La. 10/1
- The evolution of biologics in spinal surgery. LaHoya, Ca 10/04
- The contemporary management of cervical trauma. Grand Rounds. UCSD, San Diego, Ca, 10/05/04
- BMP's in spinal surgery. Emerging technologies in spinal surgery. New York, N.Y. 10/07
- Static versus dynamic anterior cervical plating. Emerging technologies in spinal surgery. New York, N.Y. 10/07
- The surgical indications for BMP in spinal surgery. The Italian Orthopaedic Society meeting (89th SIOT). Naples, Italy . Oct 25.
- A two year follow up evaluation of the safety and efficacy of OP-1 versus iliac crest autograft in the surgical treatment of symptomatic lumbar degenerative spondylolisthesis. The Italian Orthopaedic Society meeting (89th SIOT).. Naples, Italy . Oct 25.
- Nonsynthetic bone graft alternatives in Spinal Surgery. The Italian Orthopaedic Society meeting (89th SIOT).. Naples, Italy . Oct 25.
- Posterior motion sparing technologies in the management of symptomatic lumbar degenerative disk disease. North American Spine Society. Chicago, Ill Oct 27
- The Use of OP-1 in spinal applications. New technology forum. North American Spine Society. Chicago, Ill Oct 27
- Contemporary management of thoracolumbar trauma. 15th Annual Colorado Spine Symposium. Golden, Co. 11/12

- The management of cervical spine trauma and avoidance of pitfalls in management. 15th Annual Colorado Spine Symposium. Golden, Co.11/12
- The clinical presentation of adult spondylolisthesis. 11th Brussels International Spine Symposium. 11/19-20. Brussels Belgium.
- Bone graft alternatives in spine surgery. 11th Brussels International Spine Symposium. 11/19-20. Brussels Belgium.
- Posterior cervical instrumentation. Capital Grill. Philadelphia, Pa. 11/30
- Immediate surgery in cervical spinal cord injury. Cervical Spine Research Society.Instructional Course., Boston Ma, December 11
- The management of occipital cervical dissociation. AO Davos Course, Davos, Switzerland, December 13
- The timing of MRI in the setting of a cervical facet dislocation. AO Davos Course, Davos, Switzerland, December 13
- **2005**
- Bioresorbable implants in Spine Surgery. 17th Annual Disorders of the Spine. Whistler, British Columbia, CN 1/16
- BMPs in spinal surgery. Nashville, TN 2/3
- Thoracoscopic anatomy, discectomy and corpectomy. St Louis. Practical anatomy and surgical education workshop. 2/11
- A new thoracolumbar classification system. Federation Of Spine Associations. American Academy of Orthopaedic Surgery. Washington DC. 2/26
- Lumbar motion sparing technologies. Emerging spinal technologies. American Academy of Orthopaedic Surgery. Washington DC. 2/23
- Occipital fixation techniques. Emerging techniques in cervical spine trauma. American Academy of Orthopaedic Surgery. Washington DC. 2/25
- Posterior motion sparing technology. Emerging Technology Spine Education Summit. Teluride Co 3/5
- Cervical Disk Arthroplasty: Material Properties and Design Considerations. AANS/CNS Section on Disorders of the Spine and Peripheral Nerve. Phoenix, AZ 3/9
- The contemporary management of cervical spine trauma. The Society of the Spine and Nerve. Hakone Prince Hotel, Fuji Hakone Izu national Park, Japan 3/18-19
- Anterior cervical corpectomy-pearls and pitfalls.Controversies in cervical spine surgery. A knowledge based approach with advanced surgical techniques. Musculoskeletal learning center spine education and research institute. Denver, CO 4/2
- Anterior reduction of cervical dislocation. Controversies in cervical spine surgery. A knowledge based approach with advanced surgical techniques. Musculoskeletal learning center spine education and research institute. Denver, CO 4/2
- The management of Neurologic complications and dural openings associated with spinal surgery. 1st Biannual Louisiana State University Spine Symposium. New Orleans, LA 4/11-13
- The classification of thoracolumbar spine fractures. 1st Biannual Louisiana State University Spine Symposium. New Orleans, LA 4/11-13
- Bone fusion adjuncts: Do they work? 1st Biannual Louisiana State University Spine Symposium. New Orleans, LA 4/11-13
- The Management of cervical deformity. AO Spine Latin America/ AO Spine North America, Cancun, Mexico 4/21-23
- Case Presentation. Post operative instrumented infection. AO Spine Latin America/ AO Spine North America, Cancun, Mexico 4/21-23
- Management of head injury in the setting of spinal trauma. AO ASIF Challenges in Complex Spine Surgery/ Baltimore, Md 4/30

- The evolution of BMP's in spinal surgery. Kansas City, Mo 4/28
- Posterior interbody fusion techniques. Temple 1st Annual Spine Symposium, Philadelphia, Pa 5/7
- Cervical myelopathy-long term surgical outcomes. 78th Annual Congress of the Japanese Orthopaedic Association. Yokohama, Japan 5/12-15
- A new thoracolumbar classification system. 78th Annual Congress of the Japanese Orthopaedic Association. Yokohama, Japan 5/12-15
- Advances in posterior motion sparing technologies. Western Orthopaedic Association. University of California, La Hoya, San Diego, Ca. 5/26
- Advances in cervical spine trauma management. Navy Medical Center San Diego & University of California San Diego Resident Research Symposium. San Diego, Ca. 5/27
- Complication management in cervical spine surgery. Navy Medical Center San Diego & University of California San Diego Resident Research Symposium. San Diego, Ca. 5/27
- Overview of nucleus Pulposus replacement. 18th Annual International Intradiscal Therapy Society. San Diego, Ca 5/28
- Debate: Laminectomy and fusion is the preferred procedure in the setting of cervical spondylitic myelopathy. The Spine Study Group 16th Symposium New Technology: Concepts and Controversies. Palm Beach, Fla 6/9
- Subaxial cervical spine fractures. The Spine Study Group 16th Symposium New Technology: Concepts and Controversies. Palm Beach, Fla 6/10
- A novel classification system for thoracolumbar fractures. 1st simposio internacional da sociedade brasileira de coluna. Belo Horizonte, Minas Gerais. Brazil 6/23-25
- An algorithmic method for determining the approach for unstable thoracolumbar injuries. 1st simposio internacional da sociedade brasileira de coluna. Belo Horizonte, Minas Gerais. Brazil 6/23-25
- The management of injuries to the cervicothoracic junction. 1st simposio internacional da sociedade brasileira de coluna. Belo Horizonte, Minas Gerais. Brazil 6/23-25
- The treatment of posttraumatic cervical spinal deformities. 1st simposio internacional da sociedade brasileira de coluna. Belo Horizonte, Minas Gerais. Brazil 6/23-25
- The management of the failed back patient. 1st simposio internacional da sociedade brasileira de coluna. Belo Horizonte, Minas Gerais. Brazil 6/23-25
- Adjacent segment disease. 1st simposio internacional da sociedade brasileira de coluna. Belo Horizonte, Minas Gerais. Brazil 6/23-25
- Pitfalls in the management of cervical spine trauma. 1st simposio internacional da sociedade brasileira de coluna. Belo Horizonte, Minas Gerais. Brazil 6/23-25
- Complications of cervical spine surgery. 1st simposio internacional da sociedade brasileira de coluna. Belo Horizonte, Minas Gerais. Brazil 6/23-25
- Disk Degeneration and Regeneration. 12th International meeting on Advanced Spine Techniques (IMAST), Banff, Alberta, CN 7/6
- The posterior approach to cervical degenerative disk disease. Spinal Cord Injury Rounds, Thomas Jefferson University. Philadelphia, Pa. 8/18
- White, A.P., Mavak, T.G., Oetgen, M., Albert, T.J., Hilibrand, A.S., **Vaccaro, A.R.**:BMP-7 expression in a rabbit pseudarthrosis model. World Spine, Rio de Janeiro, Brazil 8/2005
- Motion sparing technology in the treatment of lumbar degenerative disk disease. Scoliosis Research Society Pacific Spine Conference. Jeju, Korea 8/25-27
- Advances in bone graft extenders: Is there evidence of their efficacy. Innovative Spine Surgery: Is Disk Arthroplasty the Way To Go. Coral Cables, Fla 9/10
- Disk degeneration and regeneration. Innovative Spine Surgery: Is Disk Arthroplasty the Way To Go. Coral Cables, Fla 9/10

- Understanding cervical spine trauma. 12th annual meeting of Japan society for the study of surgical technique for spine and spinal nerves. Tokyo, Japan 9/16-17
- The monarch spinal system. 12th annual meeting of Japan society for the study of surgical technique for spine and spinal nerves. Tokyo, Japan 9/16-17
- The use of the Monarch spinal instrumentation system in spinal deformity. 12th annual meeting of Japan society for the study of surgical technique for spine and spinal nerves. Tokyo, Japan 9/16-17
- The benefits of Fusion with BMP-2 and a metallic cage over total disk arthroplasty. NASS, Philadelphia, Pa 9/30/05
- Posterior Motion Sparing Technologies. Eastern Orthopaedic Association 36th annual meeting. Cambridge, MD 10/6
- The argument for ACDF over disk replacement or anterior foraminotomy in cervical HNP-debate. Controversies in Spine Surgery. New York, N.Y, 10/14-15
- The anterior approach in cervical myelopathy is a better choice than posterior laminectomy and fusion or laminoplasty-debate. Controversies in Spine Surgery. New York, N.Y, 10/14-15
- Pedicle subtraction osteotomy is a better choice than anterior posterior reconstruction in sagittal plane deformity-debate. Controversies in Spine Surgery. New York, N.Y, 10/14-15
- Update on Bone Morphogenetic Proteins in the Spine. University Health System Consortium On Line Education. 11/1
- Nucleus pulposus replacement overview. Nonfusion technologies in spinal surgery. XII Brussels International Spine Symposium. Brussels, Belgium 11/18,19
- Hilibrand, A.S., Artz, G.J., **Vaccaro, A.R.**, Albert, T.J., Audu, P., Rosen, M: Vocal cord paralysis after anterior cervical spine surgery: A prospective, randomized, double blind study. 33rd Cervical Spine Research Society Meeting 10th. San Diego, Ca, 12/1-3
- Spector. L.R., Affonso, J., **Vaccaro, A.R.**, Albert, T.J., Kim, D.H.: Use of computer tomography to predict non-operative treatment for unilateral facet fractures of the cervical spine. 33rd Cervical Spine Research Society Meeting. San Diego, Ca, 12/1-3
- Sports Injuries: Return to play criteria. Cervical Spine Research Society 10th Instructional Course Lecture, San Diego, Ca, 12/3
- The evolution and application of posterior cervical instrumentation techniques. Current concepts and techniques for spine surgery. New York, NY 12/9
- Management of occipital cervical dissociation. AO Spine Trauma and Degerative Course. Davos, Switzerland. 12/12/05
- ER and Imaging of thoracolumbar trauma. AO Spine Trauma and Degerative Course. Davos, Switzerland. 12/13/05
- Classification of thoracolumbar injuries. AO Spine Trauma and Degerative Course. Davos, Switzerland. 12/13/05
- Nonoperative management of thoracolumbar injuries. AO Spine Trauma and Degerative Course. Davos, Switzerland. 12/13/05
- C1 lateral mass screw placement. AO Spine Trauma and Degerative Course. Davos, Switzerland. 12/14/05
- Timing of surgery following spinal cord injury. India Orthopaedic Association, Mumbau India. 12/ 28-30
- Debate: Anterior approach to thoracolumbar trauma. India Orthopaedic Association, Mumbau India. 12/ 28-30
- Debate: Anterior approach for cervical myelopathy. India Orthopaedic Association, Mumbau India. 12/ 28-30
- Management of postoperative discitis. India Orthopaedic Association, Mumbau India. 12/ 28-30

- Anterior lumbar interbody fusion. India Orthopaedic Association, Mumbai India. 12/ 28-30
- **2006**
- Update on Lumbar Arthroplasty. Mayo International Spine Surgery and Tumor Symposium. Kuai, HI 1/16-17
- Disk degeneration and regeneration. Mayo International Spine Surgery and Tumor Symposium. Kuai, HI 1/16-17
- Thoracolumbar spina trauma, understanding classification systems. Mayo International Spine Surgery and Tumor Symposium. Kuai, HI 1/16-17
- Update on Nucleus pulposus replacements. Emerging technologies spine Education Summit. Teluride, Co, 1/27-28
- Understanding thoracolumbar trauma. Emerging technologies spine Education Summit. Teluride, Co, 1/27-28
- An update on Nucleus Pulposus Replacements: Fifth Annual Symposium on Current Concepts in Spinal Disorders, 2006. Las vegas, NV 2/3
- Medical Errors From A Spine Surgical Perspective. Spinal Cord Injury Multidisciplinary Conference. Thomas Jefferson University. Philadelphia, Pa 2/23
- Medical Errors From A Spine Surgical Perspective. 4th Annual Blinderman Lectureship. Cedars-Sinai Medical Center, Los Angeles Ca 3/7
- Odontoid Fractures in the Geriatric Patient. 4th Annual AO Fellowship Course. Banf, CN 3/8
- Cervical bioresorbable implants. AAOS Annual Meeting. Chicago, Ill 3/22-26/06
- Emergency room evaluation, Imaging and classification of thoracolumbar spine injuries. AAOS Annual Meeting. Chicago, Ill 3/22-26/06
- Occipital fixation techniques. AAOS Annual Meeting. Chicago, Ill 3/22-26/06
- Correction of post traumatic sagittal thoracolumbar deformities. SRS section of FOSA. AAOS Annual Meeting. Chicago, Ill 3/22-26/06
- The use of bone graft substitutes in spinal surgery. Spinal Cord Injury Multidisciplinary Conference. Thomas Jefferson University. Philadelphia, Pa 4/6
- Disk degeneration and regeneration. Annual Scientific Meeting of the Australian Spine Society, Sydney, Australia 4/28-30
- Bone Graft Alternatives. Annual Scientific Meeting of the Australian Spine Society, Sydney, Australia 4/28-30
- Cervical trauma. Annual Scientific Meeting of the Australian Spine Society, Sydney, Australia 4/28-30
- Thoracolumbar trauma and its classification. Annual Scientific Meeting of the Australian Spine Society, Sydney, Australia 4/28-30
- Over view of interspinous process spacers. Spinal Arthroplasty Society, Montreal CN 5/10
- Cost of care in the setting of Spinal Injury. 7th European Trauma Congress, Ljubljana, Slovenia, 5/16
- The timing of surgery in spinal trauma in the setting of polytrauma. 7th European Trauma Congress, Ljubljana, Slovenia, 5/16
- Whiplash Injuries. 7th European Trauma Congress, Ljubljana, Slovenia, 5/16
- Fixation options in Posterior Cervical Instrumentation. XIII Congreso Venezolano de Neurocirugia, Hotel La Trucha Azul 5/26, 27
- The management of cervical trauma. XIII Congreso Venezolano de Neurocirugia, Hotel La Trucha Azul 5/26, 27
- Tips on the implantation of lumbar disk arthroplasty implants. XIII Congreso Venezolano de Neurocirugia, Hotel La Trucha Azul. Venezuela. 5/26, 27
- Critical review of Lumbar Total Disk Arthroplasty. XIII Congreso Venezolano de Neurocirugia, Hotel La Trucha Azul. Venezuela. 5/26, 27
- A new classification of Thoracolumbar Trauma. XIII Congreso Venezolano de Neurocirugia, Hotel La

Trucha Azul. Venezuela. 5/26, 27

- .
- Bioabsorbable implants in spinal surgery. XIII Congreso Venezolano de Neurocirugia, Hotel La Trucha Azul, Venezuela. 5/26, 27
- The management of postoperative discitis and osteomyelitis. The South African Spine Society, Capetown, South Africa 5/31-6/3
- The management of cervico-thoracic kyphosis. The South African Spine Society, Capetown, South Africa 5/31-6/3
- Lessons on the correct placement of lumbar disk arthroplasty. The South African Spine Society, Capetown, South Africa 5/31-6/3
- Implant selection in cervical spine reconstruction. The South African Spine Society, Capetown, South Africa 5/31-6/3
- The management of occipito-cervical trauma. The South African Spine Society, Capetown, South Africa 5/31-6/3
- A new classification of subaxial cervical spine injuries. Spine Trauma Study Group 4th Annual Spine Symposium. ASIA Meeting Boston, Ma 6/23
- Oral Mock Spine Board Examination. Maine Orthopaedic Review Course. Colby College, Waterville, Ma 6/30
- Cervical Spine Trauma. Overview. Maine Orthopaedic Review Course. Colby College, Waterville, Ma 7/1
- Thoracolumbar Spine Trauma. Overview. Maine Orthopaedic Review Course. Colby College, Waterville, Ma 7/1
- Rehabilitation following SCI. Overview. Maine Orthopaedic Review Course. Colby College, Waterville, Ma 7/1
- Instructional Course Lecture. Posterior cervical instrumentation techniques. 13th Annual International Meeting On Advanced Spine Techniques (IMAST) 7/12-15
- Posterior occipital cervical fusion techniques. EBI Regional Spine Hands-on Workshop, Hershey Medical Center, Hershey, Pa 7/28-29
- Scoliosis Research Society Spine Traveling Fellows 2006 Philadelphia Pediatric Spine Symposium at the Childrens Hospital of Philadelphia, Childrens Hospital of Philadelphia, Philadelphia, Pa 8/25
- Medical Errors. Hospital for Special Surgery Fellows Alumni Meeting. Philadelphia, Pa Sept. 9
- Understanding trauma classification systems. Scoliosis Research Society Instructional Course Lecture: Modern Techniques in Spine Deformity Surgery Is the Evidence as Good as the Theory. Scoliosis Research Society, Monterrey, Ca 9 13
- Cervical Spine Injuries in the Athlete. Adam Taliarferro Foundation Medical Workshop On-Field Management of Cervical Spine Injuries, Vorhees, N.J. 9/19
- Long term follow up of OP-1 in the surgical treatment of Degenerative Spondylolisthesis. NASS 9/27-10/1
- Update on Spinal Trauma. First Affiliated Hospital of Nanjing Medical University, Nanjig, China 9/30
- Clinical Use of BMP in the Spine: OP-1 in a Clinical Uninstrumented Posterolateral Fusion Model, Long term follow-up. 6th International Conference on Bone Morphogenetic Proteins. Cavtat/Dubrovnik, Croatia 10/14
- A novel classification system for TL spine trauma. Excellence in spine. AOSpine Comprehensive talk. Guadalajara, Mexico 10/19-10/21
- The treatment of subaxial cervical spine fractures. Excellence in spine. AOSpine Comprehensive talk. Guadalajara, Mexico 10/19-10/21
- Disk degeneration and regeneration, Excellence in spine. AOSpine Comprehensive talk. Guadalajara, Mexico 10/19-10/21

- Upper cervical spine case presentations. AO North American Excellence in Spine. Advanced Concepts in the Management of Spinal Disorders. Phoenix, Az. 10/26-28
- Understanding thoracolumbar spine trauma and its classification. AO North American Excellence in Spine. Advanced Concepts in the Management of Spinal Disorders. Phoenix, Az. 10/26-28
- Thoracolumbar spine case presentations. AO North American Excellence in Spine. Advanced Concepts in the Management of Spinal Disorders. Phoenix, Az. 10/26-28
- The TLIC Classification: How it can guide treatment. An Interactive Spine Course Focusing on Contemporary Surgical Techniques in Spine Trauma. Phoenix, Az. 10/26-27
- Thoracolumbar spine case presentations. Understanding the integrity of the PLC. An Interactive Spine Course Focusing on Contemporary Surgical Techniques in Spine Trauma. Phoenix, Az. 10/26-27
- Thoracolumbar spine case presentations An Interactive Spine Course Focusing on Contemporary Surgical Techniques in Spine Trauma. Phoenix, Az. 10/26-27
- Applying the TLIC system. An Interactive Spine Course Focusing on Contemporary Surgical Techniques in Spine Trauma. Phoenix, Az. 10/26-27
- Thoracolumbar Trauma Classification. 6th Jaarcongres Dutch Spine Society. Congrescentrum Triavium Nijmegen, Holland 11/3
- Debate: Conservative treatment is necessary for a thoracolumbar burst fracture with intact PLC. 6th Jaarcongres Dutch Spine Society. Congrescentrum Triavium Nijmegen, Holland 11/3
- Thoracoscopy for correction of thoraci scoliosis. 91^o Congresso Nazionale della Societa Italiana di Ortopedia e Traumatologia. SIOT 220 ROMA, Rome, Italy 11/12-16
- Nucleus Pulposus Replacement. 91^o Congresso Nazionale della Societa Italiana di Ortopedia e Traumatologia. SIOT 220 ROMA, Rome, Italy 11/12-16
- Acceptable Epidural Hematoma following Posterior Cervical Decompression and Fusion. CSRS, Palm Beach, Florida, 11/30 – 12/ 2
- Esophageal perforation following anterior cervical spine surgery. CSRS 11th Instructional Course. The Breakers, Palm Beach, Fl 11/29
- Posterior cervical instrumentation. American College of Surgeons. Parsipanny, N.J. 12/02
- Occipital fixation strategies. Spine Current Concepts and Techniques for Spine Surgery Symposium. New York, N.Y. 12/9
- The management of asymptomatic T2 cord changes in the cervical spine. AO Excellence in Spine. Cervical Spine Course, Davos, Switzerland 12/11
- Anterior cervical decompression and fusion for cervical HNP and radiculopathy. AO Excellence in Spine. Cervical Spine Course, Davos, Switzerland 12/11
- **2007**
- Understanding Spinal Classification Systems. Philadelphia Orthopaedic Society. Philadelphia, Pa 1/8
- Classification Update. Understanding the Subaxial Cervical Spine Classification System. Spine Trauma Study Group. Denver, Co 1/12
- Disk degeneration and regeneration. 19th Annual Disorders of the Spine. Whistler, British Columbia, CN 1/13-19
- Principles of Spinal Cord Injury Rehabilitation Kona, HI, 1/23
- Anterior vs posterior vs combined surgical approach for thoracolumbar spinal trauma. Mayo Clinic International Spine Surgery 2007. Kona, HI, 1/23
- Controversies surrounding lumbar disk arthroplasty. Mayo Clinic International Spine Surgery 2007. Kona, HI, 1/23
- Case presentation: Lumbar disk arthroplasty. Mayo Clinic International Spine Surgery 2007. Kona, HI, 1/23
- Neurological Deficit Following Percutaneous Vertebral Stabilization. American Academy of Orthopaedic Surgeons, San Diego, California, February 14 – 18

- Emergency room assessment, imaging, and classification of thoracolumbar injuries. American Academy of Orthopaedic Surgeons, San Diego, California, February 14 – 18
- Standard anterior cervical discectomy and fusion is superior to minimally invasive uncinectomy and posterior cervical laminoforaminotomy. American Academy of Orthopaedic Surgeons, Federation of Spine Associations. San Diego, California, February 14 – 18
- Occipital fixation and the use of BMP-2 in the cervical spine. American Academy of Orthopaedic Surgeons, San Diego, California, February 14 – 18
- A novel thoracolumbar classification system. Current Concepts in Emerging Technologies, Vail, Co. 2 19-20
- The evolution of the Spine Trauma Study Group and its Parallels to the Cervical Spine Trauma Study Group. Cervical Spine Study Group. Denver, Co. 2/23
- Cervical Junctional Degeneration: Does it Exist. Cervical Spine Study Group. Denver, Co. 2/23
- rhGDF-5 update. Sixth Annual Symposium on Current Concepts in Spinal Disorders. Las Vegas, NV 3/1-3
- ProDisc-C. Sixth Annual Symposium on Current Concepts in Spinal Disorders. Las Vegas, NV 3/1-3
- Update on Nucleus pulposus replacements. Sixth Annual Symposium on Current Concepts in Spinal Disorders. Las Vegas, NV 3/1-3
- Keynote lecture: Economics of Spinal Care. Sixth Annual Symposium on Current Concepts in Spinal Disorders. Las Vegas, NV 3/1-3
- Disc Degeneration and Regeneration. Sixth Annual Symposium on Current Concepts in Spinal Disorders. Las Vegas, NV 3/1-3
- Fassett, D., Albert, T.J., Ratliff, J., Sharan, S., Jeyamohan, S., Hilibrand, A.: Geriatric Spinal Cord Injury. AANS-Spine Section 3/7-9
- A new Cervical classification system SLIC. XI Congresso Da Sociedade Brasileira Da Coluna. Porto de Galinhas-Pernambuco. Brazil 3/14-17
- Thoracolumbar Classification Systems. XI Congresso Da Sociedade Brasileira Da Coluna. Porto de Galinhas-Pernambuco. Brazil 3/14-17
- Disk Degeneration and Regeneration. XI Congresso Da Sociedade Brasileira Da Coluna. Porto de Galinhas-Pernambuco. Brazil 3/14-17
- Debate. Optimal management of cervical and thoracolumbar trauma. XI Congresso Da Sociedade Brasileira Da Coluna. Porto de Galinhas-Pernambuco. Brazil 3/14-17
- Life after fellowship. Stryker Fellow Symposium. New York, N.Y. 3/23
- The treatment of the elderly odontoid fracture. AO Fellow Symposium. Banf, Calgary, CN 3/30
- Esophageal disruption following complicated anterior cervical spine surgery-case examples. Regional Spine Hands On Workshop. Holy Cross Hospital, Silver Spring, MD 4/13-14
- Techniques of posterior occipital cervical fusion. Regional Spine Hands On Workshop. Holy Cross Hospital, Silver Spring, MD 4/13-14
- Update on Nucleus Pulposus Replacement Technology. 10th Stryker Spine International Symposium. New Horizons in Spine Technologies. Lisbon, Portugal. 4/20
- Posterior cervical laminectomy and fusion with instrumentation for cervical myelopathy. The Spine Trauma Study Group 18th Symposium. Clinical Challenges and Their Treatment Options. 5/3-4
- The management of thoracolumbar trauma. American College of Spine Surgery, Nashville, TN 5/5
- Lumbar Disk Arthroplasty. American College of Spine Surgery, Nashville, TN 5/5
- The economics of spine surgery. American College of Spine Surgery, Nashville, TN 5/5
- N-Fix, N-Flex Posterior Motion Sparing and Fusion Device. North American Spine Society Motion Stabilization: A Hands On Course. Burr Ridge, IL. 5/19
- Advances in the surgical treatment of lumbar degenerative disk disease. ASIA Meeting Tampa, FL. 5/30-6/2

- White, A.P., Brown, Z., Moon, S-M., **Vaccaro, A.R.**, Labrom R.D., Morrison, W., Albert T.J.: Long Term Follow up of OP-1. ISSL, Hong Kong, China. 6/ 8
- Degenerative lumbar scoliosis. Is there a role for decompression or short segment fixation fusion. The Spine Summit. Emerging Technologies and best Practices. Maui, HI 6/8-10
- A novel thoracolumbar classification system (TLICS). The Spine Summit. Emerging Technologies and best Practices. Maui, HI 6/8-10
- Keynote lecture: Whats new and latest in lumbar degenerative surgery. SRS Eastern European Regional Meeting, Budapest, Hungary 6/16
- Oral Mock Spine Board Examination. Maine Orthopaedic Review Course. Colby College, Waterville, Ma 6/22
- Update, Cervical Spine Trauma.. Maine Orthopaedic Review Course. Colby College, Waterville, Ma 6/22
- Update, Thoracolumbar Spine Trauma.. Maine Orthopaedic Review Course. Colby College, Waterville, Ma 6/22
- Update, Spinal Cord Rehabilitation.. Maine Orthopaedic Review Course. Colby College, Waterville, Ma 6/22
- Nucleus Pulposus Replacement: Design rationale and indications. Innovative Techniques in Spinal Surgery. Los Cabos, MX 6/28
- Cervical challenges. Round table discussion. 14th International Meeting on Advanced Spine Techniques (IMAST). Paradise Island, Bahamas, July 11-14.
- Complex approaches in posterior cervical spine surgery. 14th International Meeting on Advanced Spine Techniques (IMAST). Paradise Island, Bahamas, July 11-14.
- Lumbar Zygoapophyseal joint fusion using a hollow structural fusion cage. 14th International Meeting on Advanced Spine Techniques (IMAST). Paradise Island, Bahamas, July 11-14.
- Long term follow up of a pilot study evaluating the safety and efficacy of OP-1 (rhBMP-7) as a replacement for iliac crest autograph for posterolateral lumbar arthrodesis. 14th International Meeting on Advanced Spine Techniques (IMAST). Paradise Island, Bahamas, July 11-14.
- Patel, A., **Vaccaro, A.R.**, Hilibrand, A., Albert, T.J., Anderson, D.G., Chapman, J., Yousef, J.: Neurological Deficit Following Percutaneous Vertebral Stabilization. 14th International Meeting on Advanced Spine Techniques (IMAST). Paradise Island, Bahamas, July 11-14.
- Oguz, E., **Vaccaro, A.R.**:Classification and treatment of spinal tuberculosis. World Spine IV: The Fourth Interdisciplinary Congress on Spine Care. Istanbul, Turkey 7/29-8/1
- Understanding thoracolumbar spine trauma. Swedish Orthopaedic Association, Umea, Sweden 8/28
- Complications and management of thoracolumbar spine trauma. Swedish Orthopaedic Association, Umea, Sweden 8/28
- Understanding cervical spine trauma. Swedish Orthopaedic Association, Umea, Sweden 8/28
- The use of OP-1 in the Spine, Charlotte, N.C. Spine symposium. 9/12
- How I treat thoracolumbar spine fractures. Excellence in Spine, AOSpine ASIA Pacific & AOSpine North America Joint Symposium. Hong Kong, China 10,12-14
- New perspectives in international research. Excellence in Spine, AOSpine ASIA Pacific & AOSpine North America Joint Symposium. Hong Kong, China 10,12-14
- Reliability of Diagnosis and Treatment Decisions for Traumatic Cervical Dislocation. North American Spine Society 22nd Annual Meeting. Austin Tx. 10/23-27
- Neurological Deficit Following Percutaneous Vertebral Stabilization. North American Spine Society 22nd Annual Meeting. Austin Tx. 10/23-27
- Two-Year Outcomes of Lumbar Decompression and Uninstrumented Fusion with Iliac Crest Bone Graft: A MultiCenter Prospective Study with Independent Assessments. North American Spine Society 22nd Annual Meeting. Austin Tx. 10/23-27

- Interspinous process spacers-future designs. Vertebron invited lecture. North American Spine Society 22nd Annual Meeting. Austin Tx. 10/25
- Newer trends in spine surgery. Stryker Spine invited lecture. North American Spine Society 22nd Annual Meeting. Austin Tx. 10/25
- New Technology Symposium. Dynamic posterior stabilization-argument against. North American Spine Society 22nd Annual Meeting. Austin Tx. 10/27
- Lumbar Degenerative Disk Disease. Symposium Europe-American Spine Line. University of Utrecht, The Netherlands. 11/12
- Surgery for Lumbar Degenerative Disk Disease. Evidence Based Medicine. 14th Brussels International Spine Symposium. Surgery For Low Back Pain. Controversies in diagnosis, management and cost. Brussels, Belgium. 11/16
- Understanding thoracolumbar spine trauma. Thomas Jefferson University, Department of Orthopaedic Surgery. Philadelphia, Pa 11/19
- Evidence based medicine and its implication on spinal surgery. Guest lectureship, Foggy Bottom, Washington D.C. 11/29
- Surgical Treatment is Effective in Cervical Spondylotic Myelopathy -- Initial Results of a Prospective Multi-center Study Involving 240 Patients. CSRS, San Francisco, Ca 11/30
- Reliability among Neurosurgeons and Orthopaedic Surgeons in Classifying Cervical Dislocation Injuries and Making Assessment and Treatment Decisions: A Multicenter Reliability Study. CSRS, San Francisco, Ca 11/30
- Early Complications of Surgical vs. Conservative Treatment of Isolated Type II Odontoid Fractures in Octogenarians: a Retrospective Cohort Study. CSRS, San Francisco, Ca 11/30
- **2008**
- Have we solved the controversies regarding thoracolumbar trauma. The surgical management of spinal disorders. The 17th annual Dr Tom Lowe Spine Symposium. Beaver Creek, Co. 1/10-13
- Current Concepts in Thoracolumbar Spine Trauma. Whats in and What is Out. ASSICON 2008 & Instructional Course of ISSLS. Ganga Hospital, Coimbatore, India 1/17-20
- The management of postoperative diskitis and osteomyelitis. ASSICON 2008 & Instructional Course of ISSLS. Ganga Hospital, Coimbatore, India 1/17-20
- Evidence based medicine. ASSICON 2008 & Instructional Course of ISSLS. Ganga Hospital, Coimbatore, India 1/17-20
- Medical errors and their prevention. ASSICON 2008 & Instructional Course of ISSLS. Ganga Hospital, Coimbatore, India 1/17-20
- SCI rehabilitation. ASSICON 2008 & Instructional Course of ISSLS. Ganga Hospital, Coimbatore, India 1/17-20
- Classification of Spinal Trauma. ASSICON 2008 & Instructional Course of ISSLS. Ganga Hospital, Coimbatore, India 1/17-20
- Cervical Corrective Osteotomies. 3rd Mayo Clinic International Spine Symposium Focus 2008: Spinal Deformity, Kuai, HI 1/27-31
- Post-Traumatic Thoracolumbar Deformity. 3rd Mayo Clinic International Spine Symposium Focus 2008: Spinal Deformity, Kuai, HI 1/27-31
- Osteoporosis Evaluation and Implications. 3rd Mayo Clinic International Spine Symposium Focus 2008: Spinal Deformity, Kuai, HI 1/27-31
- Nucleus replacement /repair- Rationale and Indications. 7th Annual Symposium on Current Concepts in Spinal Disorders 2008, Las Vegas, NV 2/1-2
- Regain Nucleus Pulposus Replacement. 7th Annual Symposium on Current Concepts in Spinal Disorders 2008, Las Vegas, NV 2/1-2
- Debate. Total Disk Replacement Technology in Not Economically Sound. 7th Annual Symposium on

Current Concepts in Spinal Disorders 2008, Las Vegas, NV 2/1-2

- Barriers to New Technology from a Surgeons Perspective. Fourth Annual Emerging Technologies in Spine Education Summit. Jackson Hole, Wyoming 2/6-9
- Treatment options in thoracolumbar trauma. Thoracolumbar Trauma. Fourth Annual Emerging Technologies in Spine Education Summit. Jackson Hole, Wyoming 2/7
- Fourth Annual Emerging Technologies in Spine Education Summit. Jackson Hole, Wyoming 2/7
- Understanding complications related to BMP's. Cherry Hill, N.J 2/12
- Postoperative lumbar spinal infections, diagnosis and treatment. Thomas Jefferson Orthopaedic conference. Philadelphia, Pa 2/25
- New directions in thoracolumbar spinal trauma care. Current Controversies in Deformity Surgery and Spine Trauma. Sante Fe NM 2/28-3/1
- The treatment of lower lumbar burst fractures. Current Controversies in Deformity Surgery and Spine Trauma. Sante Fe NM 2/28-3/1
- Debate: The anterior approach is better than the posterior in a selected thoracic burst fracture. Current Controversies in Deformity Surgery and Spine Trauma. Sante Fe NM 2/28-3/1
- Comparison of High-Energy and Low-Energy Injury Mechanisms of Injury in an International Spine Trauma Database, AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Orlando, Florida, 3/1
- Debate: No pre-reduction MRI is necessary before a closed reduction. AAOS. San Francisco, Ca 3/6-8
- The Emergency Management and classification of thoracolumbar trauma. AAOS. San Francisco, Ca 3/6-8
- The History of Spinal Instrumentation. Spine Fellowship Course. New York, N.Y. 3/14
- Geriatric Odontoid Prospective Odontoid Study-early results. AO North America 6th Annual Fellow Forum, Banff, Alberta CN 4/3-5
- The timing of surgery in the setting of spinal cord injury (Spinal Trauma: Current Concepts and Future Considerations). The 37th Annual Japanese Society for Spine Surgery and Related Research. Tokyo, Japan 4/25
- Predictors of Outcome with Decompressive Surgery for Cervical Spondylotic Myelopathy: A Prospective Multicenter Study in 283 Patients with Independent Assessment. American Association of Neurological Surgeons, Chicago, IL, 4/26 – 5/1
- A prospective, multicenter trial to evaluate the role and timing of decompression in patients with cervical spinal cord injury. Initial one year results of the STASCIS study. American Association of Neurological Surgeons, Chicago, IL, 4/26 – 5/1
- Reliability among Neurosurgeons and Orthopaedic Surgeons in Classifying Cervical Dislocation Injuries and Making Assessment and Treatment Decisions: A Multicenter Reliability Study. American Association of Neurological Surgeons, Chicago, IL, 4/26 – 5/1
- The management of early cervical myelopathy. Fifth Combined Meeting Britspine, Belfast, Ireland. 4/30-5/2
- Medical Errors. Fifth Combined Meeting Britspine, Belfast, Ireland. 4/30-5/2
- SURGICAL TREATMENT IS EFFECTIVE IN CERVICAL SPONDYLOTIC MYELOPATHY -- A PROSPECTIVE MULTI-CENTER STUDY OF 316 PATIENTS, SPINWEEK-NASS, Geneva, Switzerland. May 27
- Understanding the literature. University of Louisiana, Department of Orthopaedic Surgery. New Orleans, La 5/30
- The timing of spine surgery in the multiply injured spine patient. AOA/Canadian Orthopaedic Association Combined Meeting. Quebec, CN 6/5
- Understanding and classifying facet joint disease. Degenerative Spine Study Group. Washington DC,

6/14/08

- Overview of Nucleus Pulposus Replacement Technology. Innovative Techniques in Spine Surgery. Los Cabos. Mexico, 6/19
- The Superior Spinous Process Implant. Innovative Techniques in Spine Surgery. Los Cabos. Mexico, 6/19
- The development of Fellowship scholarships in spine surgery. AO Spine North America. Excellence in spine strategy summit. Coronado, Ca 6/27
- Focusing on Patient Safety, University of Rochester Combined Neurosurgical, Orthopaedic and Allied Health Conference, 9/3
- Understanding Thoracolumbar Trauma and Injury Severity Scores. Congreso Internacional De Traumatologia Freman 75 Aniversario. Madrid Spain 9/19
- Fehlings M, Kopjar B, Arnold P, Yoon T, **Vaccaro, A.R.**, Woodard E, Brodke D, Chapman J, Shaffrey C, Janssen M, Sasso R.: Cervical Spondylotic Myelopathy. Duration of symptoms and outcomes of surgical treatment. Congress of Neurological Surgeons, Orlando FL, 9/20-25
- Vaccaro A.R., Kopjar B, Chapman J, Shaffrey C, Brodke D, Arnold P, Gokaslan Z, Dekutoski M, Yoon T, Hartl R, France J, Fehlings M.: Surgical vs. conservative treatment for geriatric odontoid fracture. Initial 6 month outcomes of a multi-center prospective study of 122 patients. Congress of Neurological Surgeons, Orlando FL, 9/20-25
- A Novel Thoracolumbar Classification System. New Zealand Spine Society, ChristChurch, New Zealand. 9/25
- Debate: MRI is not necessary prior to closed reduction in the setting of an incomplete SCI and a bilateral facet dislocation. New Zealand Spine Society, ChristChurch, New Zealand. 9/25
- Spinal Trauma Innovations. New Zealand Spine Society, ChristChurch, New Zealand. 9/25
- Upper Cervical Spine Injuries. Current Concepts. New Zealand Spine Society, ChristChurch, New Zealand. 9/25
- Spine Implant Cost Containment: A Survey of Attending Spine Surgeons, NASS 23rd Annual Meeting, Toronto, Ontario, October 14-18
- Surgical treatment for cervical spondylotic myelopathy: One year outcomes of a prospective, multicenter study of 316 patients, NASS 23rd Annual Meeting, Toronto, Ontario, October 14-18
- Predictors of outcome following anterior surgery for cervical spondylotic myelopathy: Results from a multicenter prospective clinical study with independent outcomes assessments. NASS 23rd Annual Meeting, Toronto, Ontario, October 14-18
- Safety and Efficacy of OP-1 (rhBMP-7) as a Replacement for Iliac Crest Autograft in Posterolateral Lumbar Arthrodesis: A Long Term (>4 years) Pivotal Study. NASS 23rd Annual Meeting, Toronto, Ontario, October 14-18
- Understanding Classifications Systems used in Thoracolumbar Spine Trauma. Norwegian chapter of the AO Alumni association. Oslo, Norway. 10/24
- The management of Thoracolumbar Spine Trauma in the setting of a Neurologic Deficit. Norwegian chapter of the AO Alumni association. Oslo, Norway. 10/24
- The current trends in spinal trauma care. 7th Pan Arab Neurosurgical Society Congress & Hands on Workshops. Riyadh, Kingdom of Saudi Arabia, 11/5
- Improving patient care. 7th Pan Arab Neurosurgical Society Congress & Hands on Workshops. Riyadh, Kingdom of Saudi Arabia, 11/5
- Case presentations cervical spinal trauma. Contemporary Surgical Techniques in Spinal Trauma. San Diego, Ca 11/14
- Complications of cervical spine trauma. Contemporary Surgical Techniques in Spinal Trauma. San Diego, Ca 11/15
- Predictors of outcomes of surgical decompression for cervical spondylotic myelopathy: Analysis of a

prospective multicenter trial in 316 patients with independent assessment. Cervical Spine Research Society. Thirty-Sixth Annual Meeting. Austin Tx. Dec 4-6

- **2009**

- An overview of the development of the evidence based medicine text on Spinal trauma. Spine Trauma Study Group. Denver, Co 1/16
- Thoracolumbar spine trauma-management of surgical complications. 18th Annual Tom Lowe Spine Symposium. The Surgical management of Spinal Disorders. Beaver Creek, Co. 1/19
- An overview of nucleus pulposus replacement technology. 8th Annual Symposium on Current Concepts in Spine Surgery. Las Vegas, NV 1/30
- Complications of percutaneous cement augmentation procedures. 8th Annual Symposium on Current Concepts in Spine Surgery. Las Vegas, NV 1/30
- Safety and Efficacy of OP-1(rhBMP-7) as a Replacement for Iliac Crest Autograft. AAOS, Las Vegas, NV 2/25
- An Anatomic and Radiographic Study of Lumbar Facets Relevant to Percutaneous Transfacet Fixation. AAOS, Las Vegas, NV 2/25
- How do you interpret the MRI in the setting of thoracolumbar spine trauma. 4th Mayo Clinic International Spine Symposium. Maui, HI 2/1-2/5
- The TLICS system as a method of classifying thoracolumbar spinal fractures. 4th Mayo Clinic International Spine Symposium. Maui, HI 2/1-2/5
- Return to sporting activity following a lumbar burst fracture. 4th Mayo Clinic International Spine Symposium. Maui, HI 2/1-2/5
- Cervical spine clearance protocol following injury. Panel discussion. 4th Mayo Clinic International Spine Symposium. Maui, HI 2/1-2/5
- The timing of surgery following spinal cord injury. 4th Mayo Clinic International Spine Symposium. Maui, HI 2/1-2/5
- Odontoid fractures in the elderly. 4th Mayo Clinic International Spine Symposium. Maui, HI 2/1-2/5
- Panel discussion. The contemporary management of odontoid fractures. 4th Mayo Clinic International Spine Symposium. Maui, HI 2/1-2/5
- Debate: The timing of MRI in the setting of a cervical spine dislocation: the intact, incomplete and complete patient. 4th Mayo Clinic International Spine Symposium. Maui, HI 2/1-2/5
- An update on the STASCIS study. 4th Mayo Clinic International Spine Symposium. Maui, HI 2/1-2/5
- Early Intervention in the Setting of traumatic Central Cord Syndrome. FOSA Section Cervical Spine Research Society. AAOS, Las Vegas, NV. 2/28
- Medical Errors, Their Root Cause and treatment. Medical Malpractice. The story of a big bad City. AAOS, Las Vegas, NV. 2/28
- OP-1 in the treatment of symptomatic lumbar degenerative spondylolisthesis. A randomized Controlled prospective Study. AAOS, Las Vegas, NV. 2/25
- **A Prospective, Multicenter Trial to Evaluate the Role and Timing of Decompression in Patients with Cervical Spinal Cord Injury: One Year Results of the STASCIS Study.** Canadian Spine Society meeting, Gatineau, Quebec. March 18-21.
- **The Impact of Duration of Symptoms on Outcomes in Patients Undergoing Surgical Treatment for Cervical Spondylotic Myelopathy: Analysis of a Prospective Multicenter Study in 294 Patients with One Year Follow-up.** Canadian Spine Society meeting, Gatineau, Quebec. March 18-21.
- lumbar dynamic stabilization, European Association of Neurosurgical Societies, Marseille France 3/27-31
- Geriatric Odontoid Prospective Odontoid Study-1 year results. AO North America 7th Annual Fellow Forum, Banff, Alberta CN 4/2-4
- **T2 MRI mapping as a biomarker for disk degeneration. International Society Magnetic Resonance**

Imaging (ISMRM) April, 2009

- An update on spinal trauma care. Israeli Spine Society meeting, Elat, Israel, 4/23-24
- Evidence based medicine. Israeli Spine Society meeting, Elat, Israel, 4/23-24
- Medical errors and their prevention. Israeli Spine Society meeting, Elat, Israel, 4/23-24
- Managing cervical spine trauma. Common mistakes and their treatment. Brooklyn Orthopaedic Society, Brooklyn, N.Y. 5/14.
- Which is better-ACDF or cervical arthroplasty. The International Masters Spine Symposium and Cadaver Workshop, London. Royal College of Surgeons of England. London, England 5/29
- Indications for surgery in single and multilevel lumbar degenerative disk disease, back pain verse leg pain. The International Masters Spine Symposium and Cadaver Workshop, London. Royal College of Surgeons of England. London, England 5/29
- The management of thoracolumbar trauma. The International Masters Spine Symposium and Cadaver Workshop, London. Royal College of Surgeons of England. London, England 5/29
- The subaxial Cervical Spine Classification System, An evidence based analysis. Spine Trauma Study Group. Chicago, Ill. 6/4-6/09
- Lumbar degenerative disk disease. Society for Progress and Innovation in the Near East (SPINE) Orthopedic, Spine, Pain/Rehab Medicine. Beirut, Lebanon. 7/2-4
- Lumbar herniated nucleus repulsus replacement. Society for Progress and Innovation in the Near East (SPINE) Orthopedic, Spine, Pain/Rehab Medicine. Beirut, Lebanon. 7/2-4
- Algorithm for the management of a herniated lumbar disk herniation. Society for Progress and Innovation in the Near East (SPINE) Orthopedic, Spine, Pain/Rehab Medicine. Beirut, Lebanon. 7/2-4
- Management of adolescent isthmic spondylolysis-case panel. Society for Progress and Innovation in the Near East (SPINE) Orthopedic, Spine, Pain/Rehab Medicine. Beirut, Lebanon. 7/2-4
- Whiplash Injury. Society for Progress and Innovation in the Near East (SPINE) Orthopedic, Spine, Pain/Rehab Medicine. Beirut, Lebanon. 7/2-4
- Cervical Spinal Injury Controversies. Society for Progress and Innovation in the Near East (SPINE) Orthopedic, Spine, Pain/Rehab Medicine. Beirut, Lebanon. 7/2-4
- The treatment of multilevel cervical degenerative disk disease and neck pain. Society for Progress and Innovation in the Near East (SPINE) Orthopedic, Spine, Pain/Rehab Medicine. Beirut, Lebanon. 7/2-4
- Thromboprophylaxis in spinal trauma: state of the art with analysis of questionnaire response. 16th International Meeting on Advanced Spine Techniques (IMAST), Vienna, Austria, July 15-18
- Is decompressive surgery effective in patients with mild cervical myelopathy? Analysis of the one year outcomes of 301 patients in the AO Spine North America study. AO Global Spine Congress, San Francisco, Ca 7/22-25
- Comparison of load-sharing characteristics between PEEK rod and Titanium rod in an interbody fusion construct. NASS and JSSR joint meeting, Spine Across the Sea. Maui, Hawaii, July 26-30
- Predictors of Complications Following Spinal Stabilization of Thoracolumbar Spine Injuries. SRS 44th Annual Meeting, San Antonio, Texas, September 23-26
-
- lumbar dynamic stabilization Tokyo, Japan JPSSTSS September 11-12
- BMP's, Their Efficacy and Their Complications. Australian Orthopaedic Association. Cairns, Australia 10/11-15
- SCI, An Update on Translational Trials. Australian Orthopaedic Association. Cairns, Australia 10/11-15
- An Update on Thoracolumbar Trauma Care. Sixth Annual Fall Symposium. Texas Scottish Rite Hospital for Children. Southwestern Medical Center, Dallas TX 10/16
- Contemporary cervical internal fixation methods, their efficacy and complications. Texas Scottish Rite

Hospital for Children. Southwestern Medical Center, Dallas TX 10/16

- Understanding Medical Errors and Their Prevention in the American Health Care System. Portuguese Society of orthopaedics and traumatology. XXIX SPOT. Oporto, Portugal. 10/29
- Translational Research in Spinal Cord Injury Care. Portuguese Society of orthopaedics and traumatology. XXIX SPOT. Oporto, Portugal. 10/29
- Cervical Disk Arthroplasty in 2010. Inspiration 2009, Monte Carlo, Monaco 10/30
- GLOBAL VARIATIONS IN THE CLINICAL PRESENTATION OF PATIENTS WITH CERVICAL SPONDYLOTIC MYELOPATHY. INITIAL RESULTS OF THE AOSPINE INTERNATIONAL MULTICENTER PROSPECTIVE COHORT STUDY. 24th NASS Annual Meeting, San Francisco, Ca 11/10-14
-
- Surgical treatment for CERVICAL SPONDYLOTIC MYELOPATHY: ONE YEAR OUTCOMES OF THE AOSPINE NORTH AMERICA multicenter prospective study of 301 patients. 24th NASS Annual Meeting, San Francisco, Ca 11/10-14
- Effect of Risedronate and OP-1 on Intertransverse Process Fusion in a Rabbit Model. 24th NASS Annual Meeting, San Francisco, Ca 11/10-14
- Dysphagia following anterior cervical surgery: A controlled, prospective analysis. 24th NASS Annual Meeting, San Francisco, Ca 11/10-14
- Predictors of Complications Following Spinal Stabilization of Thoracolumbar Spine Injuries. 24th NASS Annual Meeting, San Francisco, Ca 11/10-14
- Does the duration of symptoms from lumbar disc herniation affect outcomes in the spine patient? 24th NASS Annual Meeting, San Francisco, Ca 11/10-14
- Treatment of Lumbar Spinal Stenosis: Who Decides to Have Surgery? 24th NASS Annual Meeting, San Francisco, Ca 11/10-14
- Debate: Stem cells will never be useful in the treatment of lumbar spinal fusion. 24th NASS Annual Meeting, San Francisco, Ca 11/10-14
- Reliability and Reproducibility of SCIDS (Subaxial Cervical Injury Description System): A Standardized Nomenclature Schema. 24th NASS Annual Meeting, San Francisco, Ca 11/10-14
- Whiplash-Surgical Indications. Soft Tissue Disorders and Injuries of the Spine. XVI Brussels International Spine Symposium. 11/20/09
- The Utility of MRI in Assessing Soft Tissue injuries to the Posterior Ligamentous Complex Following Spinal Trauma. Soft Tissue Disorders and Injuries of the Spine. XVI Brussels International Spine Symposium. 11/20
- Surgical vs. Conservative treatment of Type 2 Odontoid Fractures in Elderly Patients: Analysis of AOSpine North America Prospective Multicenter Study in 198 Patients. CSRS. Salt Lake City, Utah. 12/3
- Gastroesophageal reflux following anterior cervical surgery: A controlled, prospective analysis. CSRS. Salt Lake City, Utah. 12/3
- The Utility of MRI in Assessing Soft Tissue injuries to the Posterior Ligamentous Complex Following Spinal Trauma. Soft Tissue Disorders and Injuries of the Spine.
- Assessment of the Posterior Ligamentous Complex Following Acute Cervical Spine: A Prospective Comparison of Preoperative MRI and Intraoperative Findings. CSRS. Salt Lake City, Utah. 12/3
- Anterior vs Posterior Cervical Decompression for Cervical Spondylotic Myelopathy: Analysis of AOSpine North America Prospective Multi-Center Trial in 304 Patients. CSRS. Salt Lake City, Utah. 12/5
- Complex Case Discussion. San Diego Naval Medical Center, San Diego, Ca 12/10
- **2010**
- Debate. The posterior approach is the optimal method of addressing a flexion compression Stage IV Allen Fergerson cervical spine fracture. Evidence and Technology Spine Summit Steamboat

Springs. Steamboat Springs, Co. 1/14-17

- Debate. The anterior posterior approach is the optimal treatment method for a symptomatic lumbar degenerative scoliosis. Evidence and Technology Spine Summit Steamboat Springs. Steamboat Springs, Co. 1/14-17
- Complication of MIS surgery. Mayo Clinic 5th International Spine Symposium. Kona, Hawaii 1/31-2/4
- Nucleus pulposus Replacement Mayo Clinic 5th International Spine Symposium. Kona, Hawaii 1/31-2/4
- Debate: Cervical arthroplasty on the treatment of choice for cervical myelopathy. Mayo Clinic 5th International Spine Symposium. Kona, Hawaii 1/31-2/4
- Update on Lumbar Disk Arthroplasty. Mayo Clinic 5th International Spine Symposium. Kona, Hawaii 1/31-2/4
- Is Decompressive Surgery Effective In Patients With Mild Cervical Spondylotic Myelopathy? Analysis Of The One Year Outcomes Of 301 Patients In The Aospine North America Study. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves 2010 Annual Meeting. Orlando Fla. 2/17-20
- The expert witness crisis: the importance of credible testimony. Beyond Medical liability Reform: Keeping our House in Order. AAOS. New Orleans, La. 3/11
- Does the duration of symptoms affect outcomes in the treatment of lumbar disc herniation? AAOS New Orleans, La 3/9-13
- Treatment of Lumbar Spinal Stenosis: Who Decides to Have Surgery? AAOS New Orleans, La 3/9-13
- Does Smoking have an Impact on Fusion Rate in Single Level ACDF with Allograft and Plate Fixation? AAOS New Orleans, La 3/9-13
- Does obesity affect outcomes of treatment for lumbar stenosis and degenerative spondylolisthesis. AAOS. New Orleans, La. 3/9-13
- Surgeons agree to disagree on surgical options for degenerative conditions of the cervical and lumbar spine. ISSLS. Auckland, New Zealand April 13-17
- Bone Morphogenetic Proteins: their science and application. New Jersey State Orthopaedic Society, Miami, Fla .4/24
- Spinal Trauma in the next decade. New Jersey State Orthopaedic Society, Miami, Fla . 4/24
- Spinal Cord Regeneration.. New Jersey State Orthopaedic Society, Miami, Fla .4/24
- An update on new innovations in thoracolumbar spine trauma care. Evidence based Orthopaedics. Philadelphia, Pa 5/8
- AO Metastatic epidural compression study. World Spine V/World Spine 2010. Santorini, Greece. 5/7-9
- AO Cervical Myelopathy Study. World Spine V/World Spine 2010. Santorini, Greece. 5/7-9
- AO Geriatric odontoid study. World Spine V/World Spine 2010. Santorini, Greece. 5/7-9
- Sports injuries to the athlete: Return to play criteria. 5th Annual Sports Medicine Symposium. Lincoln Financial Field. Philadelphia, Pa 5/13
- Principles of Treatment of Lumbar Degenerative Disease International Conference. Modern Aspects of Spinal Surgery.. Moscow, Russia 5/20-22
- Nucleus pulposus replacement: efficacy, and their ability to remain where placed. 7th Annual Innovative Techniques in Spine Surgery. Los Cabos, Mexico. 6/17-19
- Posterior motion sparing technology, technology over reason. 7th Annual Innovative Techniques in Spine Surgery. Los Cabos, Mexico. 6/17-19
- Cervical IDE studies, what have they taught us. 7th Annual Innovative Techniques in Spine Surgery. Los Cabos, Mexico. 6/17-19
- Cervical Disk Arthroplasty, why will its adoption be different from lumbar arthroplasty. 1st Annual Meeting LASAS Latin American Society for the Advancement of Spine Surgery. Los Cabos, Mexico. 6/18
- Case History. Cervical Spine Injury In a NFL Player. National Athletic Trainers Association.

Philadelphia, Pa 6/22

- Complications of Cervical Spinal Deformity Surgery. 17th International Meeting on Advanced Spine Techniques. Toronto, CN 7/22
- Evaluating the Patient with a Thoracolumbar Spinal Fracture. 17th International Meeting on Advanced Spine Techniques. Toronto, CN 7/22
- MIS in spinal deformity surgery. Combined Meeting of PASMIS and WENMIS, Taipei, Taiwan 8/12
- Complications of MIS surgery. Combined Meeting of PASMIS and WENMIS, Taipei, Taiwan 8/12
- Cervical Arthroplasty: Will it replace cervical fusion. Combined Meeting of PASMIS and WENMIS, Taipei, Taiwan 8/13
- Recent advances in research at Thomas Jefferson University. Yale Spine Alumni symposium. New York City, N.Y. 9/11
- The Effect of Surgery on Health Related Quality of Life and Functional Outcome in Patients with Metastatic Epidural Spinal Cord Compression? Initial Results of the AOSpine North America Prospective
- Multicenter Study 45th Annual Meeting & Combined Course, Kyoto, Japan, 9/21-24
- Occipital Condyle Plumb Line predicts Outcome of Cervical Laminectomy Fusion. North American Spine Society 25th Annual Meeting. Orlando, Fla 10/5-9
- Predictors of Clinical Outcomes following Stabilization of Thoracolumbar Spine injuries. North American Spine Society 25th Annual Meeting. Orlando, Fla 10/5-9
- Classification of Craniocervical Dissociative Injuries based on CT and MRI. North American Spine Society 25th Annual Meeting. Orlando, Fla 10/5-9
- Does Surgical Treatment for Cervical Spondylotic Myelopathy Result in Sustained Clinical Improvement? Two Year Outcomes on the AOSpine North America Multi-Center Prospective Study in 280 Patients. North American Spine Society 25th Annual Meeting. Orlando, Fla 10/5-9
- The Effect of Surgery on Health Related Quality of Life and Functional Outcomes in Patients with Metastatic Epidural Spinal Cord Compression-Initial Results of the AOSpine North America Prospective Multi-Center Study. North American Spine Society 25th Annual Meeting. Orlando, Fla 10/5-9
- The Importance of a common language in describing thoracolumbar spinal injuries. North American Spine Society 25th Annual Meeting. Orlando, Fla 10/5-9
- Posterior pedicle based motion sparing technology. Is it just a fad. North American Spine Society 25th Annual Meeting. Orlando, Fla 10/5-9
- How to avoid a lawsuit and what to do if you are sued. North American Spine Society 25th Annual Meeting. Orlando, Fla 10/5-9
- Understanding Bone Morphogenetic Proteins, their usefulness and complications. Gulhane Ridvan Ege Ortopedi Gunleri, Ankara, Turkey 10/16
- Regenerative strategies in Spinal Cord Injury. Gulhane Ridvan Ege Ortopedi Gunleri, Ankara, Turkey 10/16
- The AOSpine North America Geriatric Odontoid Fracture Study: A Retrospective Review of Mortality Outcomes in Surgical versus Conservative Treatment in 158 Patients with Long-Term Follow-up. Congress of Neurological Surgeons Annual Meeting, October 18
- The AOSpine North America Cervical Spondylotic Myelopathy Study: Two-Year Surgical Outcomes of a Prospective Multicenter Study in 280 Patients. Congress of Neurological Surgeons Annual Meeting, October 18
- Degenerative Spondylolisthesis and stenosis. When and how to fuse. XVIIth Brussels International Spine Symposium. Brussels, Belgium 11/19
- Lumbar Spine Fusion for Symptomatic Degenerative Disk Disease: An Evidence Based Analysis. XVIIth Brussels International Spine Symposium. Brussels, Belgium 11/20

- Reasons For Failure of Instrumentation. Rome Spine 2010. Il Rachide Oggi Domani Congress Internazionale. Rome Italy 12/1
- The Diagnosis and Treatment of Posttraumatic Thoracolumbar Deformity. Rome Spine 2010. Il Rachide Oggi Domani Congress Internazionale. Rome Italy 12/1
- The AOSpine North America Geriatric Odontoid Fracture Study: A Retrospective Review of Mortality Outcomes in Surgical vs Conservative Treatment in 158 Patients with Long Term Follow-up. [CSRS. Charlotte, North Carolina, 12/2](#)
- Does Anterior Soft Tissue Swelling Correlate with Dysphagia Following Anterior Cervical Surgery? CSRS. Charlotte, North Carolina, 12/2
- Anterior vs Posterior Surgical Approaches to Treat Cervical Spondylotic Myelopathy: Outcomes of the Prospective Multicenter AOSpine North America CSM Study in 280 Patients. CSRS. Charlotte, North Carolina, 12/2
- Understanding Principles of Cervical Spine Trauma Care. 16th Spine Annual Meeting of Spine Society of Ho Chi Minh City, Viet Nam. Ho Chi Minh City, Viet Nam 12/11
- Understanding Principles of Thoracolumbar Spine Trauma Care. 16th Spine Annual Meeting of Spine Society of Ho Chi Minh City, Viet Nam. Ho Chi Minh City, Viet Nam 12/11
- Complications of MIS Surgery. 16th Spine Annual Meeting of Spine Society of Ho Chi Minh City, Viet Nam. Ho Chi Minh City, Viet Nam 12/11
- **2011**
- Covalent Attachment of P15 Peptide to Titanium Surfaces Enhances Cell Attachment, Spreading and Osteogenic Gene Expression in MLO-A5 Cells. ORS, Long Beach, Ca, 1/13-16
- Understanding how to make spinal care in the hospital safer. ASSICON- Association of Spine Surgeons of India, Mumbai, India. 1/27-30
- Thoracolumbar trauma. Understanding common means of communication fracture appearance. ASSICON- Association of Spine Surgeons of India, Mumbai, India. 1/27-30
- Classifying Cervical Spine Injuries. ASSICON- Association of Spine Surgeons of India, Mumbai, India. 1/27-30
- Understanding evidence based treatment recommendations for lumbar Degenerative Disk Disease. ASSICON- Association of Spine Surgeons of India, Mumbai, India. 1/27-30
- Cost-Utility Analyses in Spinal Care: A Systematic Review. AAOS. San Diego, Ca 2/18
- Does a Multilevel Laminectomy with a Single Level PLF Increase the Risk of Adjacent Segment Disease. AAOS. San Diego, Ca 2/16
- Vertebral Body Height as a Predictor of Ligamentous and Neurologic Injury in Burst Fractures. AAOS. San Diego, Ca 2/18
- Epidural steroid injections affect the outcome of lumbar disk herniation. A SPORT subgroup analysis. AAOS. San Diego, Ca 2/16
- Spinal Cord Injury Associated with Type II Odontoid Fractures: A Retrospective Cohort Analysis. AAOS. San Diego, Ca 2/15
- Cervical Subaxial Spine Fractures: Contemporary treatment options. AAOS, San Diego, Ca 2/16/11
- Central Cord Syndrome: Contemporary treatment options. FOSSA ASIA Section. AAOS, San Diego, Ca 2/16
- Type II odontoid fracture. Case presentation. FOSSA CSRS Section. AAOS, San Diego, Ca 2/19
- Os Odontodeum: Case report. FOSSA CSRS Section. AAOS, San Diego, Ca 2/19
- Cervical SCI case . Case report. FOSSA ASIA Section. AAOS, San Diego, Ca 2/19
- Asymptomatic Os odontodeum. The case for surgical intervention. FOSSA ASIA Section. AAOS, San Diego, Ca 2/19
- A root cause analysis of system safety in a hospital system. Controversies in deformity spine surgery symposium. Sante Fe, New Mexico, 3/4-5

- An update on controversial issues in thoracolumbar spine trauma. Controversies in deformity spine surgery symposium. Sante Fe, New Mexico, 3/4-5
- Management of the osteoporotic burst fracture Controversies in deformity spine surgery symposium. Sante Fe, New Mexico, 3/4-5
- Debate: Anterior approach is the desired surgical approach in an L2 Burst fracture Controversies in deformity spine surgery symposium. Sante Fe, New Mexico, 3/4-5.
- Functional and Quality of Life Outcomes in Geriatric Patients with Type II Odontoid Fracture: One-Year Results from the AOSpine North America Multi-Center GOF Prospective Study. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Phoenix, Arizona, March 9 – 12
- The AOSpine North America Cervical Spondylotic Myelopathy Study: Perioperative Complication Rates Associated with Surgical Treatment Based on a Prospective Multicenter Study of 302 Patients. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves conference. Phoenix, Arizona, March 9 – 12
- Factors Associated with the Occurrence of Perioperative Complications in the Treatment of Cervical Spondylotic Myelopathy Based on 302 Patients from the AOSpine North America Cervical Spondylotic Myelopathy Study. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Phoenix, Arizona, March 9 – 12
- The effect of surgery on health related quality of life and Functional outcome in patients with metastatic epidural spinal cord compression- Initial results of the AOSpine North America prospective multicenter study. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves conference. Phoenix, AZ, March 9-12
- Controversial issues in spinal trauma. 6th Mayo Clinic Spine Symposium. Key West, Fla. 3/20-24
- Patient safety: Avoiding MIS complications. 6th Mayo Clinic Spine Symposium. Key West, Fla. 3/20-24
- The AOSpine North America cervical spondylotic myelopathy study: Perioperative complication rates associated with surgical treatment based on a prospective multicenter study of 302 patients. Global Spine Congress 2011. Barcelona, Spain, March 24-26
- The effect of surgery on health related quality of life and Functional outcome in patients with metastatic epidural spinal cord compression- Initial results of the AOSpine North America prospective multicenter study. Global Spine Congress, Barcelona, Spain March 24-26
-
- Predictors of Success in the Surgical Treatment for Cervical Spondylotic Myelopathy: Analysis of the AOSpine North America Multi-Center Prospective Study in 260 Subjects. AANS Annual Meeting in Denver Colorado, April 9-13
- The Short-Term Effect of Surgery on Health Related Quality of Life and Functional Outcome in Patients with Metastatic Epidural Spinal Cord Compression (MESCC)– Initial Results of the AOSpine North America Prospective Multicenter Study. AANS/CNS Section on Spine. Denver, CO. April 9-13
- The management of cervical spine dislocations. XIII BRAZILIAN SPINE SOCIETY CONGRESS, Campos do Jordão, Brazil. 4/29
- Surgical treatment of the osteoporotic spine. XIII BRAZILIAN SPINE SOCIETY CONGRESS, Campos do Jordão, Brazil. 4/28
- Research trends in spinal cord injury. Simmons Surgical Society 31st Annual Meeting. Philadelphia, Pa. 5/6
- Lumbar Degenerative Disk Disease, an Evidence Based Analysis of Treatment Effect. Dayton Orthopaedic Society, Dayton, Ohio 5/19
- MIS and future trends in Spinal trauma. 4th Annual Dubai Spine Masters. Spine Trauma Masters Update. Dubai, UAE. 5/22-25
- Advances in cervical spine trauma research. 4th Annual Dubai Spine Masters. Spine Trauma Masters Update. Dubai, UAE. 5/22-25

- 6th Annual UCSF Spine Symposium. Translational studies in spinal cord injury. San Francisco, Ca 6/4
 - Effect of Surgery on Health Related Quality of Life and Functional Outcome in Patients with Metastatic Epidural Spinal Cord Compression Initial Results of the AOSpine North America Prospective Multicenter Study. 18th International Meeting on Advanced Spine Techniques (IMAST), Copenhagen, Denmark 7/14
 - The AOSpine North America Cervical Spondylotic Myelopathy Study: Perioperative Complication Rates Associated with Surgical Treatment Based on a Prospective Multicenter Study of 302 Patients. 18th International Meeting on Advanced Spine Techniques (IMAST), Copenhagen, Denmark. 7/14
 - Predictors of Clinical Outcomes and Perioperative Complications in the Surgical Treatment of Cervical Spondylotic Myelopathy: Results of the AOSpine North America Multi-Center Prospective Study. 18th International Meeting on Advanced Spine Techniques (IMAST). Copenhagen, Denmark. 7/16.
 - Functional and Quality of Life Outcomes in Geriatric Patients with Type II Odontoid Fracture: One Year Results from the AOSpine North America Multi-Center GOF Prospective Study. 18th International Meeting on Advanced Spine Techniques (IMAST), Copenhagen, Denmark, July 16.
 - Functional and Quality of Life Outcomes in Geriatric Patients with Type II Odontoid Fracture: One Year Results from the AOSpine North America Multi-Center GOF Prospective Study. 18th International Meeting on Advanced Spine Techniques (IMAST), Copenhagen, Denmark, July 16.
 - Impact of Early and Late Complications on Patient Outcomes Following Surgical Treatment of Cervical Spondylotic Myelopathy Based on a Prospective Multicenter Study: The AOSpine North America CSM Study. 2011 CNS Annual Conference to be held in Washington D.C. 10/3
 - Early vs. Delayed Surgical Decompression for Traumatic Cervical
 - Spinal Cord Injury: Results of the Surgical Trial in Acute Spinal Cord Injury Study (STASCIS): Section on Disorders of the Spine and Peripheral Nerves 10/3 Congress of Neurological Surgeons Annual Meeting, Washington, DC. 10/3.
 - Peri-operative and Delayed Complications Associated with Surgical Treatment of Cervical Spondylotic Myelopathy Based on a Prospective Multicenter Study of 302 Patients. 2011 CNS Annual Conference to be held in Washington D.C.. 10/3
 - Defensive Medicine: The Impact of Preventable Spinal Imaging. Eastern orthopaedic Association. Williamsburg, Va 10/19-22
 - The AOSpine North America Cervical Spondylotic Myelopathy Study: Perioperative Complication Rates Associated with Surgical Treatment Based on a Prospective Multicenter Study of 302 Patients. NASS 26th Annual Meeting. Chicago, Illinois. 11/4
 - Impact of diabetes on symptoms and treatment outcomes in patients with cervical spondylotic myelopathy. The results of the AOSpine North America Multi-Center Prospective Study. NASS 26th Annual Meeting , Chicago, Illinois. 11/4
 - The Correlation Between Frequency of Surgical Site Infections and Surgery Case Order. North American Spine Society 26th Annual Meeting, Chicago, Illinois, 11/2-5
 - Functional and Quality of Life Outcomes in Geriatric Patients with Type II Odontoid Fracture: One Year Results from the AOSpine North America Multi-Center GOF Prospective Study NASS 26th Annual Meeting, Chicago, Illinois, ,November 2
- The Effect of Surgery on Health Related Quality of Life and Functional Outcome in Patients with Metastatic Epidural Spinal Cord Compression– The AOSpine North America Prospective Multicenter Study. NASS 26th Annual Meeting, Chicago, Illinois. 11/4