

CURRICULUM VITAE

J. PATRICK JOHNSON, M.D., M.S., FACS

ADDRESS: 444 S. San Vicente Boulevard
Suite 800
Los Angeles, CA 90048

BIRTHDATE: 16 April 1956

BIRTHPLACE: Great Falls, Montana

EDUCATION

High School: Great Falls High, 1974
Great Falls, Montana

College: The Citadel, 1978 B.A. Chemistry, Cum Laude
Charleston, South Carolina

Graduate: Oregon Health Sciences University, 1981 M.S.
Department of Anatomy and Neuroendocrinology
Portland, Oregon

Medicine: Oregon Health Sciences University, 1986 M.D.
Portland, Oregon

POSTGRADUATE TRAINING

Surgical Internship: University of California, Los Angeles
1986-1987 Los Angeles, California

Neurosurgical Residency: University of California, Los Angeles
1987-1992 Los Angeles, California

Neurology/Neurosurgical Fellowship: National Hospital for Nervous Diseases
6-12 1990 Queen Square, London, England

Spinal Surgery Fellowship: University of Tennessee
6-10 1993 Memphis, Tennessee

ACADEMIC POSITIONS

January 2007-to Present Director,
Cedars-Sinai Institute for Spinal Disorders Academic, Fellowship
and Research Programs. Co-Director Cedars-Sinai Institute for
Spinal Disorders Stem Cell Research Lab/Program.

September 2008 to Present Clinical Professor,
Department of Neurosurgery, University of California-Irvine
Irvine, California

Revised: 11 April 2011

February 2001-January 2007	Director Cedars-Sinai Institute for Spinal Disorders Los Angeles, California
March 1999 – February 2001	Associate Professor Division of Neurosurgery, UCLA School of Medicine Los Angeles, California
July 1993 – March 1999	Assistant Professor Department of Neurosurgery, UCLA School of Medicine Los Angeles, California
April 1996 – January 2001	Co-Director, UCLA Center for Autonomic Disorders UCLA Medical Center Los Angeles, California
June 1995 – January 2001	Director, UCLA Spinal Neurosurgery Fellowship Program Division of Neurosurgery, UCLA Medical Center Los Angeles, California
January 1994 – January 2001	Co-Director, UCLA Comprehensive Spine Center UCLA Medical Center Los Angeles, California
July 1992 – July 1997	Chief, Division of Neurosurgery, Olive View-UCLA Medical Center Sylmar, California
July 1992 – July 1993	Clinical Instructor Department of Neurosurgery, UCLA School of Medicine Los Angeles, California
 MEDICAL STAFF	
July 1997 – Present	Attending Neurosurgeon Cedars Sinai Medical Center Los Angeles, California
July 1992 – Present	Attending Neurosurgeon UCLA Medical Center Los Angeles, California
Sept 2008 – Present	Attending Neurosurgeon UC Irvine Medical Center Orange, California
April 1998 - Present	Attending Neurosurgeon Santa Monica-UCLA Medical Center Santa Monica, California
February 2005-present	Attending Neurosurgeon St. John's Medical Center Santa Monica, California

July 1996 – 2003	Consultant Neurosurgeon Fort Harrison VA Medical Center Helena, Montana
July 1992 – January 2001	Attending Neurosurgeon West Los Angeles VA Medical Center Los Angeles, California
July 1992 – January 2001	Attending Neurosurgeon Harbor/UCLA Medical Center Torrance, California

CURRENT RESEARCH ACTIVITIES

1. Stem cell applications spinal reconstruction and spinal cord regeneration, 2005-present
2. Spinal biomechanics for degenerative spine and functional spine reconstruction, 2005-present.
3. Clinical Outcomes: Complex Spinal Deformity, 2005-present.
4. Minimally invasive and endoscopic spinal surgery, 1995-present.
5. Spinal deformity techniques and outcomes, 2001-present.
6. Artificial disc replacement, cervical and lumbar, 2001-present
7. Development of computerized image guided spinal stereotaxic technology, 1996-present.

CLINICAL INVESTIGATION PROTOCOLS

Principal Investigator: Motor Neuron Stem Cell transplantation in Spinal Muscular Atrophy (SMA) model. UC-Irvine, Orange, CA, Reeve-Irvine Research Center, Irvine, CA, 2008-present.

Principal Investigator: Osteo-Cell (Stem Cell) Intervertebral Fusion Spinal Fusion Outcome protocol. Nuvasive Inc. San Diego, CA, 2009-present.

Principal Investigator: Pivotal IDE study of the Bryan Cervical Disc Prosthesis in the Treatment of Degenerative Disc, Medtronic Inc, Memphis, TN, 2002-present.

Principal Investigator: Staxx Fracture and Interbody Vertebral Reconstruction in the Treatment of Vertebral Compression Fractures and Instability. Spinewave Inc, Shelton, CT, 2004-present.

BMP Clinical Outcomes: Evaluation of recombinant bone morphogenetic Protein (BMP) in the aging spine. Medtronic Sofamor-Danek Inc, Memphis, TN, 2005-present.

Co-Principal Investigator: Nubac Lumbar Nucleus Replacement; Pioneer Medical Inc, Marquette, MI, 2009-present.

Principal Investigator: Lumbar Total Segmental Vertebral Replacement, Flexuspine Inc., Tyler, TX 2008-present.

PAST CLINICAL AND RESEARCH INVESTIGATIONS

Principal Investigator: Pivotal IDE study of the SBIII Charité Lumbar Disc Prosthesis, Johnson and Johnson, Raynham, MA, 2001-2005.

Principal Inventor and Investigator: Polyaxial cervical plating system, Depuy-Motech Inc. Raynham, MA 1996-2002.

Principal Investigator: 3-D computerized image guided spinal surgery, CBYON Inc. Palo Alto, CA 2001-2004.

Principal Investigator: Development of frameless spinal stereotaxy, Radionics Inc. Burlington, MA 1995-2000.

Principal Investigator: Development of human bone morphogenetic protein in spinal fusion. UCLA IRB with Dr. Marshall Urist, 1998-2001.

Principal Investigator: Bone morphogenetic protein (BMP) in lumbar fusion, Sulzer Medica Inc. Austin, TX 1997-1999.

Principal Investigator: Pre-emptive analgesia for lumbar spinal surgery, Olive View-UCLA Educational Research Institute, Sylmar, CA 1996-97.

Principal Investigator: Outpatient lumbar microdiscectomy outcome study, UCLA Medical Center 1996-1999.

Principal Investigator: Prospective analysis of vertebral body replacement: techniques and procedures, UCLA Medical Center 1995-2002.

Principal Investigator: Cerebral blood flow in craniocerebral gunshot wounds, Harbor/UCLA Medical Center, 1990-1991.

Principal Investigator: Methods of cerebral blood flow in clinical neurosurgery, UCLA Medical Center, 1989-1990.

Investigator: In vitro fertilization and cell cultures, Oregon Health Sciences University, 1980-1982.

Investigator: Experimental gastrointestinal carcinogenesis, Oregon Health Sciences University, 1979-1980.

HONORS

Dean's List, The Citadel, Charleston, South Carolina, 1974-78.

Who's Who in American Colleges and Universities, 1978.

Bachelor of Arts, Cum Laude, The Citadel, Charleston, South Carolina, 1978.

NIH Pre-doctoral Fellowship, Oregon Health Sciences University, Portland, Oregon, 1978-1981.

Tartar Fellowship, Oregon Health Sciences University, Portland, Oregon, 1981.

Visiting Scientist, University of Washington, Endocrine/Reproductive Laboratory, Seattle, Washington, March 1983.

Visiting Scientist, Pennsylvania Hospital, Reproductive and Fertility Laboratory, Philadelphia, Pennsylvania, June-August 1983.

UCLA Outstanding Physician of the Year, 1996.

Who's Who in Medicine and Healthcare, 1997

Honorary Member Korean Neurosurgical Society, 1997

Honorary Member Peruvian Neurosurgical Society, 1997

Cedars-Sinai Institute for Spinal Disorders Fellowship Outstanding Teaching Award, 2004, 2006, 2008

Member, Cedars-Sinai Board of Governors, 2007-present.

Cedars Sinai Attending Staff Basketball Player MVP 2005, 2007, 2009

Southern California Super Doctors in Neurosurgery, 2007, 2008, 2009, 2010, 2011

Cedars-Sinai Department of Neurosurgery, "Golden Apple Award" for Outstanding Teaching Award, 2010

PROFESSIONAL ORGANIZATIONS

American Association of Neurological Surgeons

AANS/CNS Joint Spine Section

American College of Surgeons

American Medical Association

American Association for the Advancement of Science

American Association of Spine Physicians

California Association of Neurological Surgeons – Director and Board Member

Congress of Neurological Surgeons

Los Angeles County Medical Association

Los Angeles Surgical Society

Neurosurgical Society of America

North American Spine Society

One Spine – Board Member

Professional Rodeo Cowboys Association

Professional Bull Riders

Rocky Mountain Neurosurgical Society

Scoliosis Research Society

Western Neurosurgical Society

PROFESSIONAL ORGANIZATION BOARD MEMBER

Executive Committee, AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, 2006-present
Director, California Association of Neurological Surgeons, 2005-present
Foundation for International Education in Neurosurgery (FIENS), 1998-present
ONE (Orthopedic + Neurosurgery = Spine) Spine, 2003-present
Senior Advisory Council, AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, 2008-present

FRATERNAL ORGANIZATIONS

Rancheros Vistadores
Phi Beta Cowboys

LICENSURE and BOARD CERTIFICATION

American Board of Neurological Surgery, Board Certification Examination 1998
Fellow, American College of Surgeons 1998
American Board of Neurological Surgery, Primary Examination 1991
Diplomat, National Board of Medical Examiners 1987
California medical license #G 61860
Montana medical license # 10347
Fluoroscopy license RHC 147405
Radiology license RHC 149840

TEACHING EXPERIENCE

Undergraduate Teaching Assistant: General Chemistry Laboratory, Department of Chemistry, The Citadel, Charleston, South Carolina, 1976-1978.

Graduate Teaching Assistant: Gross Anatomy, Neuroanatomy, Histology, Department of Anatomy, Oregon Health Sciences University, Portland, Oregon, 1979-1981.

Instructor: Gross Anatomy, Neuroanatomy, Histology; Oregon Health Sciences University, Portland, Oregon, 1982-1983.

Instructor: Stanley Kaplan Educational Services; MCAT Review Instructor, Portland, Oregon, 1980-1982.

Clinical Instruction: Residents, Interns, Medical Students and Neurosurgical Nursing Staff, Department of Surgery, UCLA Medical Center, Los Angeles, California, 1986 to 2001.

Lecturer: Neurosurgical Clinical Clerkship Series for Third Year Medical Students, UCLA Medical Center, Los Angeles, California, 1992 to 2001.

Director: UCLA Spinal Neurosurgical Fellowship Program, Division of Neurosurgery, UCLA Medical Center, Los Angeles, California, 1995 to 2001.

Director: Cedars-Sinai Institute for Spinal Disorders Fellowship Program, Cedars-Sinai Medical Center, Los Angeles, California, 2001-present.

Director: Cedars-Sinai Institute for Spinal Disorders, Neurosurgery Residency Program, Cedars-Sinai Medical Center, Los Angeles, California, 2005-present.

ACADEMIC/ADMINISTRATIVE COMMITTEES

Operating Room Committee, Olive View-UCLA Medical Center, 1993-1997.

Faculty Executive Committee, Department of Surgery, Olive View-UCLA Medical Center, 1993-97.

Faculty Compensation Committee, Department of Surgery, UCLA Medical Center, 1994-96.

Telemedicine Steering Committee, UCLA Medical Center, 1995-97.

Hospital Infection Control Committee, UCLA Medical Center, 1997-99.

UCLA Hospital Planning Committee, 1997-98.

Trauma Committee, (Consultant for Development of Acute Spinal Injury Protocols), UCLA Medical Center, 1995-2001.

Instructional Course Committee, North American Spine Society, 1999-present.

Value Analysis Committee, UCLA Medical Center, 2000-2001.

Continuing Medical Education (CME) Committee, North American Spine Society, 2000-2003.

Santa Monica-UCLA Risk Management Committee, 2000-2001.

Department of Surgery-Performance Improvement Committee, Cedars Sinai Medical Center, 2002-present

Board of Directors, California Association of Neurological Surgeons, 2005-2010 (term ends).

Executive Committee, Joint Spine Section CNS/AANS 2007- present

Member, Database Committee, Scoliosis Research Society, 2005-present

Dept of Neurosurgery-Performance Improvement Committee, Cedars Sinai Medical Center, 2006-present

Neurosurgical Society of America, Program Committee, 2006-present

Cedars- Sinai Institute for Spinal Disorders Fellowship Task Force

Cedars- Sinai Medical Center Department of Surgery: Performance Improvement Committee 2001 to present.

Cedars- Sinai Medical Center Program Implementation Oversight Committee 2007 to present.

Senior Advisory Council, Executive Committee, AANS/CNS Spine Section, 2008-present

EDITORIAL REVIEW BOARDS

Editorial Board Member, *World Journal of Surgery*, 1996-present.

Topic Editorial Member, *Neurosurgical Focus* (Journal of Neurosurgery), 2000-present.

Editorial Board Member, *The Spine Journal* (Journal of the North American Spine Society), 2000-present.

Co-Editor, *Neurosurgical Focus*, "Spinal Deformity", Jan 2003.

Editorial Board Member, *Surgical Neurology*, 2005-present

Editorial Board Member, *Journal of Critical Spine Cases*, 2009-present

Editorial Board Member, *Neurosurgery*, 2010-present

PUBLICATIONS

1. Hirschel MD, **Johnson JP**, Alexander NJ: In vitro capacitation methods used in the hamster egg test. *Fertility and Sterility* 41(1):202-209, 1984.
2. **Johnson JP**, Alexander NJ: Hamster egg penetration: comparison of preincubation periods. *Fertility and Sterility* 41(4):599-609, 1984.
3. **Johnson JP**, King WA, Andrews JC, Becker DP, Canalis R: Preserving hearing in acoustic neuroma removal. *Western Journal of Medicine* 159(1):72-73, 1993.
4. **Johnson JP**, and Becker DP: A continuous microneurosurgical irrigation and suction system. *Neurosurgery* 39(3):409-411, 1996.
5. **Johnson JP**: Anterior cervical foraminotomy approach. *Journal of Neurosurgery* 85(3):525-526, 1996.
6. Medin PM, Solberg TD, DeSalles AAF, Selch MT, **Johnson JP**, Smathers JB, Cosman ER: A minimally invasive method for fractionated spinal radiosurgery. *Medical Physics* 24(6):972, 1997.
7. Filler AG, Lufkin RB, Villablanca JP, Farahani K, Prager J, **Johnson JP**. MR Neurography and interventional MRI in diagnosis and treatment of sciatic from piriformis syndrome. *European Radiology* 7:1159-1160, 1997.
8. **Johnson JP**, Ahn SS: Thoracoscopic sympathectomy. *Techniques in Neurosurgery* 3(4):308-314, 1997.
9. Batzdorf U, Klekamp J, **Johnson JP**: A critical appraisal of syrinx cavity shunting procedures. *J Neurosurg* 89(3):382-388, 1998.
10. **Johnson JP**, Lane JM: Traumatic lumbar pseudomeningocele occurring with spina bifida occulta: a case report. *Journal of Spinal Disorders* 11(1):80-83, 1998.
11. **Johnson JP**, Ahn SS, Choi WW, Masciopinto JE, Kim KD, Filler AG, DeSalles AAF: Thoracoscopic sympathectomy: techniques and outcomes. *Neurosurgical Focus* 4(2): Article 4, 1998.
12. **Johnson JP**, Paré LS, Torres RA: Thoracolumbar body replacement: materials and techniques. *Contemporary Neurosurgery* 20(6):1-9, March 1998.
13. Batzdorf U, Klekamp J, **Johnson JP**: A critical appraisal of syrinx cavity shunting procedures. *Journal of Neurosurgery* 89(3):382-388, September 1998.
14. Kim KD, **Johnson JP**, Masciopinto JE, Bloch O, Saracen MJ, Villablanca JP: Universal calibration of surgical instruments for spinal stereotaxy. *Neurosurgery* 44(1):173-178, January 1999.
15. Kim KD, **Johnson JP**, Bloch O, Masciopinto JE, Saracen MJ, Villablanca JP: New software applications for interchangeable instrumentation in spinal stereotaxis. *Stud Health Technol Inform* (62):179-180, 1999.
16. Fineman I, **Johnson JP**, Sandhu H: Renal failure and brown tumors in the spine. *Journal of Neurosurgery:Spine* 90(4):242-246, April 1999.
17. **Johnson JP**, Obasi C, Hahn MS, Glatleider P: Endoscopic thoracic sympathectomy. *Neurosurgical Focus* 6(5) Article 2, May 1999.
18. **Johnson JP**, Obasi C, Hahn MS, Glatleider P: Endoscopic sympathectomy. *Journal of Neurosurgery: Spine* 91:90-97, 1999.

19. Kim KD, **Johnson JP**, Masciopinto JE: Management of spinal epidural abscess and subdural empyema. *Techniques in Neurosurgery* 5(4):293-302, December 1999.
20. Holly LT, **Johnson JP**, Masciopinto JE, Batzdorf U: Treatment of posttraumatic syringomyelia with extradural decompressive surgery. *Neurosurg Focus* 8(3): Article 8, 1-6, March 2000.
21. **Johnson JP**, Filler AG, McBride DQ, Batzdorf U: Anterior cervical foraminotomy for unilateral radicular disease. *Spine* 25 (8):905-909, April 2000.
22. **Johnson JP**, Filler AG, McBride DQ: Endoscopic thoracic discectomy. *Neurosurgical Focus* 9 (4): Article 11, October 2000.
23. Park J, **Johnson JP**: Thoracolumbar reconstruction for metastatic spine tumors. *Neurosurgery* 47(2):530-532, 2000
24. Masciopinto JE, **Johnson JP**, Kim KD: Interbody fusion devices in infections. *Techniques in Neurosurgery* 7(2): 162-168, 2001.
25. Kim KD, **Johnson JP**, Bloch O, Masciopinto JE: Computer-assisted thoracic pedicle screw placement: an in vitro feasibility study. *Spine* 26(4):360-364, Feb 15 2001.
26. Kim KD, **Johnson JP**, Bloch O, Masciopinto JE: Computer-assisted thoracic pedicle screw placement: an *in vitro* feasibility study. *Spine* 26:360-364, 2001.
27. Bloch O, Holly LT, **Johnson JP**: Accuracy of image guided placement of C1-2 transarticular screws. *Journal of Neurosurgery:Spine* 95:74-79, July 2001.
28. Holly LT, Bloch O, Obasi C, **Johnson, JP**: Anterior image guided spinal registration: a comparative accuracy study. *Journal of Neurosurgery:Spine* 95:196-201, October 2001.
29. Patel NP, Choi WW, Wright NM, McBride DQ, **Johnson JP**: Forestier's Disease Associated with a Retro-odontoid mass causing cervicomedullary compression. *Skull Base* 11(Supplement 1): 2001.
30. Oskouian RJ, **Johnson JP**: Vascular complications in anterior thoracolumbar spinal reconstruction. *Journal of Neurosurgery: Spine* 96:1-5, January 2002.
31. Stokes JK, Villavicencio AT, Liu PC, Bray RS, **Johnson JP**: Posterior atlantoaxial stabilization: a new alternative to C1-2 transarticular screws. *Neurosurgical Focus* 12(1): Article 6, January 2002.
32. Oskouian RJ, **Johnson JP**, Regan JR: Thoracoscopic Microdiscectomy. *Neurosurgery* 50(1):103-109, Jan 2002.
33. Patel NP, Choi WW, Wright NM, McBride DQ, **Johnson JP**: Forestier's disease associated with a retro-odontoid mass causing cervicomedullary compression. *Journal of Neurosurgery (Spine 2)* 96:188-194, 2002.
34. Alsina GA, **Johnson JP**, McBride DQ, Rhoten PRL, Mehringer CM, Stokes JK: Spinal cysticercosis. *Neurosurgical Focus* 12(6): Article 8, 2002.
35. Citow JS, **Johnson JP**, McBride DQ, and Ammirati M: Intraventricular neurocysticercosis: magnetic resonance imaging and surgical outcomes in 30 patients. *Neurosurgical Focus* 12(6): Article 6, 2002.
36. Medin PM, Solberg TD, DeSalles AAF, Cagnon CH, Selch MT, **Johnson JP**, Smathers JB and Cosman ER: Investigations of a minimally invasive method for treatment of spinal malignancies with

linac stereotactic radiation therapy: accuracy and animal studies. *International Journal of Radiology Oncology Biological Physics* 52(4):1111-1122, March 2002.

37. **Johnson JP**, Patel NP: Uniportal and biportal endoscopic thoracic sympathectomy. *Neurosurgery* 51(5 suppl): 79-83, Nov 2002.
38. Geisler FH, Blumenthal SL, Guyer RD, McAfee PC, Regan JJ, **Johnson JP**, Mullin B: Neurological complications of lumbar artificial disc replacement and comparison of clinical results with those related to lumbar arthrodesis in the literature: results of a multicenter, prospective, randomized investigational device exemption study of the Charite intervertebral disc. *J Neurosurg (Spine 2)* 1: 143,154, 2004.
39. Oskouian RJ, Whitehill R, Samii A, Shaffrey ME, **Johnson JP**, Shaffrey CI: The future of spinal arthroplasty: a biomaterial perspective. *Neurosurg Focus* 17(3): E2, 2004.
40. **Johnson JP**, Laurysen C, Cambron HO, Pashman RS, Regan JJ, Anand N, Bray RS: Sagittal alignment and the Bryan Cervical Artificial Disc. *Neurosurg Focus* 17(6):E14, 2004.
41. Filler AG, Haynes J, Jordan SE, Prager J, Villablanca JP, Farahani K, McBride DQ, Tsuruda JS, Morisoli B, Batzdorf U, **Johnson JP**: Sciatica of non-disk origin and piriformis syndrome: diagnosis by MR neurography and interventional MRI with outcome study of resulting treatment. *J Neurosurg Spine* 2(2):99-115, Feb 2005.
42. **Johnson JP**, Pashman RS, Laurysen C, Anand N, Regan JJ, Bray RS: The changing role for neurosurgeons and the treatment spinal deformity. *J Neurosurg Spine* 2(3): 233-242, March 2005.
43. Oskouian RJ, **Johnson JP**: Endoscopic thoracic microdiscectomy. *Neurosurg Focus* 18(3):E11, 1-8, March 2005.
44. Villavicencio AT, Oskouian R, Roberson FC, Stokes JK, Park J and **Johnson JP**: Thoracolumbar vertebral reconstruction of metastatic spinal tumors: long-term outcomes. *Neurosurg Focus* 19(3):E8, September 2005.
45. Villavicencio AT, Burneikiene S, **Johnson JP**: Spinal artificial disc replacement: lumbar arthroplasty. Part I. *Contemporary Neurosurgery* 27(19): September 30, 2005.
46. Villavicencio AT, Burneikiene S, **Johnson JP**: Spinal artificial disc replacement: lumbar arthroplasty. Part I. *Contemporary Neurosurgery* 27(19): September 30, 2005.
47. **Johnson JP**, Stokes JK, Oskouian RJ, Choi WW, King W: Image-guided thoracoscopic spinal surgery: a merging of two technologies. *Spine* 30(19): E572-E578, October 2005.
48. Holly LT, Bloch O, **Johnson JP**: Evaluation of registration techniques for spinal image guidance. *J Neurosurg: Spine* 4(4)323-8, Apr 2006.
49. Wagner W, Regan JJ, Leary SP, Lanman TH, **Johnson JP**, Rao RK, Cossman D: Access strategies for revision or explantation of the Charité lumbar artificial disc replacement. *Journal of Vascular Surgery*, Dec;44(6):1266-72, 2006.
50. Bergey DL, Pashman RS and **Johnson JP**: Pedicle subtraction osteotomy for cervical-thoracic kyphosis: a new approach. Submitted to *Spine*.
51. Gurian JH, Gobin YP, **Johnson JP** and Vinuela F: Balloon test occlusion of large radiculomedullary arteries prior to resection of vertebral tumors. Submitted to *Journal of Neurosurgery*.
52. Patel NP, **Johnson JP**: Minimally invasive sympathectomy. Submitted to *Neurology*.

53. Samudrala S, Bergey DL, Pashman RS and **Johnson JP**: Pedicle subtraction osteotomy for cervical-thoracic kyphosis: a new approach. Submitted to *Spine*.
54. Perri BR, Oyelese A, Bray RS, **Johnson JP**. "Classification of cervical kyphotic deformities: strategies and techniques for reconstruction surgery," (submitted for publication).
55. Villavicencio AT, Burneikene S, Pashman RS, **Johnson, JP**,: Spinal Artificial Disc Replacement: Cervical Arthroplasty; Part I: History, Design, and Types of Artificial Discs. *Contemporary Neurosurgery* 29(12); June 15, 2007.
56. Villavicencio AT, Burneikene S, Pashman RS, **Johnson, JP**,: Spinal Artificial Disc Replacement: Cervical Arthroplasty; Part II: History, Design, and Types of Artificial Discs. *Contemporary Neurosurgery* 29(12); June 15, 2007.
57. Patel N, Wolcott P, **Johnson JP**, Cambron HO, Lewin M, McBride DQ, Batzdorf U: "Esophageal Injury Associated with Anterior Cervical Spine Surgery". *Surg Neurol*. 2008 Jan;69(1):20-4.
58. Mundwiler ML, Siddique K, Dym JM, Perri B, **Johnson JP**, Weisman MH. Complications of the spine in ankylosing spondylitis with a focus on deformity correction. *Neurosurg Focus* 24 (1): E6, 2008.
59. Ghostine S, Perry E, Vaynman S, Raghavan R, Tong KA, Samudrala S, **Johnson JP**, Colohan ART: The Rare Case of an Intramedullary Cervical Spinal Cord Teratoma in an Elderly Adult: Case Report and Literature Review. *Spine*,15;34(26):E973-8, 2009.
60. Samudrala S, Vaynman S, Thiyananthan T, Ghostine S, Bergey DL, Pashman RS, **Johnson JP**:. Pedicle Subtraction Osteotomy for Kyphosis of the Cervicothoracic Junction: A New Approach, *Journal of Neurosurgery-Spine*, December 2010
61. Drazin D, Shirzadi A, Jeswani S, Ching H, Rosner B, Rasouli A, Kim T, Pashman R, **Johnson JP**: Direct Surgical Repair of Spondylolysis in Athletes: Indications, Techniques, and Outcomes. *Neurosurgical Focus* 31 (5) :E9, 2011.

MANUSCRIPTS IN REVIEW

1. Ghostine S, Vaynman S, Swartz KR, Brien EW, Samudrala S, **Johnson JP**: *En bloc* Resection of a Sacral Chordoma facilitated by an Intraoperative Image-Guidance System: Case Report and Literature Review. Submitted to *Neurosurgery*.
- 2.Vaynman S, Ghostine S, Freudenberger C, Samudrala S, **Johnson JP**: Diffuse idiopathic skeletal hyperostosis with Ossification of the Posterior Longitudinal Ligament in the presence of an underlying metabolic syndrome: Case Report and Review of the Literature. Submitted to *The Spine Journal*.
- 3.Ghostine S, Vaynman S, Schoeb JS, Cambron HO, King WA, Samudrala S, **Johnson JP**: Image-guided thoracoscopic resection of thoracic dumbbell nerve sheath tumors. Submitted to *Neurosurgery*.
- 4.Ghostine S, Vaynman S, Samudrala S, **Johnson JP**: Symptomatic Upper Thoracic Kyphosis: Case Report illustrating surgical approach and stabilization using Pedicle Subtraction Osteotomy. Submitted to *J Neurosurgery Spine*.

PUBLICATIONS IN PREPARATION

1. Freudenberger CF, **Johnson JP**: Forestier's and OPLL in combination.
2. Thaiyanthan G, **Johnson JP**: Segment Sparing Vertebral Reconstruction for Discitis and Osteomyelitis
3. Patel NP, **Johnson JP**: Management of type III Hangman's fractures.
4. Wright NM, Urist M, **Johnson JP**: Human bone morphogenetic protein (hBMP) use in failed spinal surgery: A case report.
5. Wright NM, Choi WW, **Johnson JP**, Filler AG, McBride DQ, Sandhu H, Gelabert: Simultaneous versus staged anterior and posterior spinal reconstruction: a comparative study.
6. Obasi C, **Johnson JP**: Hereditary multiple skeletal hyperostosis causing cervical myelopathy.
7. **Johnson JP**, Obasi C, Choi WW, Ahn SS: Hyperhidrosis: A pedigree analysis.
8. Sloan AE, **Johnson JP**, Alexander MA, Black KB: Modifications of the transoral approach to the craniovertebral junction.
9. **Johnson JP**, Batzdorf U: Spinal arachnoid cysts and syringomyelia occurring many years after tuberculous meningitis.
10. **Johnson JP**, Batzdorf U: A technique for cervical fusion after vertebrectomy after without instrumentation.
11. Virella AA, Patel NP, **Johnson JP**: Spinal surgery in nanogenarians: report of 4 cases and review of the literature. Submitted to *Neurosurgery*.
12. Ghostine S, Vaynman S, Zarrini P, Kim TT, Scibelli SS, Schoeb JS, Samudrala S, Laurysen C, **Johnson JP**: Description of a New Alternative Safe Surgical Technique to Establish Reliable Atlanto-Axial Fusions.
13. Perri B, Scibelli SS, Vaynman S, Ghostine G, Woods K, Samudrala S, **Johnson JP**: Cervical Kyphosis: A Novel Classification System and Operative Treatment Algorithm.
14. Ghostine S, Zarrini P, Vaynman S, Sandhu HS, Samudrala S, **Johnson JP**: A Novel Technique for Direct Reduction of Vertebral Compression Fractures (VCF): A Safety Study, Techniques, and Preliminary Clinical Data.
15. Schoeb JS, Vaynman S, Ghostine S, Samudrala S, **Johnson JP**: Presacral Nerve Sheath tumors: Diagnosis and management.
16. Vaynman S, Schoeb JS, Raissi SS, Ghostine S, Cambron HO, Samudrala S, **Johnson JP**: Manubrial-sternal Dislocation: Case Report and Literature Review
17. Salinas P, Schoeb JS, Vaynman S, Samudrala S, **Johnson JP**: Thoracic Pedicle Subtraction Osteotomy for Fixed Sagittal Imbalance.
18. Ghostine G, Kirsch W, **Johnson JP**, Asgarzadie F: Primary Closure of the Dura with the Anastoclip device-An important technique to be added to minimally invasive spine surgeries.
19. Hamilton J, Vaynman S, Ghostine S, Samudrala S, **Johnson JP**: Percutaneous minimally invasive approach with resection of far lateral lumbar nerve sheath tumor: A case report.

LETTERS PUBLISHED

1. **Johnson JP**, Ahn SS, DeSalles AAF et al: Thoracoscopic sympathectomy. Spine Section Newsletter, Joint Section on Disorders of the Spine and Peripheral Nerves:5-6, September 1996.
2. De Salles AAF and **Johnson JP**: More on the treatment of pain. *New England Journal of Medicine* 331:1528-1529, 1994.
3. **Johnson JP** and Masciopinto JE: Cervical disc herniation. *New England Journal of Medicine* 339(12): 852, 1998.
4. **Johnson JP**. Clinical Crossroads: "A 45-year-old man with low back pain and numb left foot." [Letter] *JAMA* 281(10):895, March 10, 1999.
5. **Johnson JP**: Sympathectomy: patient selection, contemporary techniques and outcomes. AANS/CNS Joint Section on *Pain Newsletter*, June 2007.

ABSTRACTS

1. **Johnson JP**, Richards TC: The effects of hydroxyurea on cell migration in the crypts of mouse colon. Oregon Research Forum, Portland, Oregon, May 1983.
2. **Johnson JP**, Alexander NJ: Refinement of the sperm penetration assay to assess male infertility. Oregon Research Forum, Portland, Oregon, May 1985.
3. **Johnson JP**, Martin NA, Becker DP: Comparison of Xe-133 cerebral blood flow and flowtronics thermal cerebral blood flow probe. Lende Winter Neurosurgical Conference, Snowbird, Utah, February 1990.
4. Doberstein C, Martin NA, Caron M, Zane C, **Johnson JP**, Thomas K, Becker DP: Increased recognition of post traumatic cerebral vasospasm using transcranial doppler ultrasound and Xe-133 CBF monitoring. Intracranial Hemodynamic Meeting, San Francisco, CA, February 1991.
5. Black KL, **Johnson JP**: Surgical management of clival chordomas. American College of Surgeons, Southern California Chapter, San Diego, California, January 1991.
6. **Johnson JP**, Black KB, Ammirati M, Hoover L, Becker DP: Surgical approach to lower clival chordomas by the transoral, median labiomandibular glossotomy. 1st Asian-Oceanian International Congress on Skull Base Surgery, Tokyo, Japan, June 1991.
7. DeSalles A, Swartz B, Delgado-Escueta A, Adelson PD, **Johnson JP**, Becker DP: Chronic and acute electrocorticogram in epilepsy surgery. Congress of Neurosurgery, Orlando, Florida, April 1991.
8. DeSalles F, Swartz B, Delgado-Escueta A, Adelson PD, **Johnson JP**, Tomayasu U, Becker DP: Electrocorticography in the evaluation of epilepsy patients. American Epilepsy Society, Philadelphia, Pennsylvania, December 1991.
9. **Johnson JP**, Adelson PD, Martin N: Dissecting aneurysms in the vertebrobasilar system. Lende Winter Neurosurgical Conference. Snowbird, Utah, February 1992.
10. **Johnson JP**, Becker DP, King WA: Hearing preservation in acoustic neuromas. Western Neurosurgical Society. Whistler, British Columbia, Canada, September 1992.

11. **Johnson JP** and Batzdorf U: A new technique for anterior cervical interbody fusion. Joint Spine Section AANS and CNS, Tucson, Arizona, February 1993.
12. **Johnson JP**, King WA, Mei Z, Becker DP: Microsurgical anatomy of the superior orbital fissure, Jerusalem Symposium on Surgery of the Skull Base, Jerusalem, Israel, March 1993.
13. **Johnson JP**, King WA, Mei Z, Becker DP: Clinical microsurgical anatomy of the superior orbital fissure, Rocky Mountain Neurosurgical Society, Flathead Lake, Montana, June 1993.
14. **Johnson JP** and Batzdorf U: Anterior cervical vertebrectomy and fusion without instrumentation. Lende Winter Neurosurgical Conference, Snowbird, Utah, February 1994.
15. **Johnson JP** and Batzdorf U: Anterior cervical fusion for vertebrectomy without instrumentation. Joint Spine Section AANS and CNS, Ft Lauderdale, FL, February 1994.
16. **Johnson JP**, Batzdorf U: Tuberculous spinal arachnoid cysts: diagnosis and management. Joint Spine Section of the AANS and CNS, Ft Lauderdale, FL, February 1994.
17. **Johnson JP**: Vertebral body replacement. Neurosurgery of the Rockies, Vail, Colorado, March 1994.
18. **Johnson JP** and Torres RA: Vertebral body replacement. Rocky Mountain Neurosurgical Society, Snowmass, CO, June 1994.
19. Sloan AE, Alexander MJ, **Johnson JP**, Sercarz J, Canalis RF and Black KL: The transmandibular, translingual, transoral modification of the transoral approach to clival and craniovertebral junction lesions. American College of Surgeons-Southern California Chapter, Indian Wells, CA, Jan 1995.
20. Sloan AE, Alexander MJ, **Johnson JP**, Sercarz J, Canalis RF and Black KL: Labiomandibular modification of the transoral approach for craniovertebral junction lesions. North American Skull Base Society Meeting, Naples, FL, Feb 1995.
21. **Johnson JP**, Sloan AE, Alexander MJ and Canalis RF: Modification of the transoral approach for craniovertebral junction lesions. Joint Spine Section Meeting of AANS/CNS. Phoenix, AZ, Feb 1995.
22. **Johnson JP**, Sloan AE, Alexander MJ and Canalis RF: Modifications of the transoral approach. Lende Winter Neurosurgery Meeting. Snowbird, UT, Feb 1995.
23. **Johnson JP** and Torres RA: Vertebral body replacement. Lende Winter Neurosurgery Meeting. Snowbird, UT, Feb, 1995.
24. **Johnson JP**, Sloan AE, Alexander MJ, Black KB and Canalis RF: Transoral modifications. Rocky Mountain Neurosurgical Society, Sun Valley, ID, June 1995.
25. **Johnson JP**, Ahn SS, DeSalles AAF, Frazee JG, Machleder HI and Moore WA: Thoracoscopic sympathectomy. Lende Winter Neurosurgical Conference, Snowbird, UT, Feb 1996.
26. Ahn SS, Hiyama DT, Fuchs GJ, Concecion C, Ro KM, Rudkin G, and **Johnson JP**: Laparoscopic aorto-bifemoral bypass: a case report. Periperal Vascular Surgery Society Meeting, Park City, UT, Jan 1996.
27. Farahani K, Filler AG, Atkinson P, **Johnson JP**, and Lufkin RB: Magnetic resonance neurography of the lumbar spine: application of high resolution 3-D turbo spin echo imaging.

International Society for Magnetic Resonance in Medicine, 4th Annual Meeting, New York, NY, Apr 1996.

28. **Johnson JP**, Ahn SS, DeSalles AAF, Macleder HI and Moore WS: Thoracoscopic sympathectomy. (Presented to the General Session) American Association of Neurological Surgeons, Minneapolis, MN, Apr 30, 1996.
29. Filler AG, Farahani K, Harris Y, Lufkin RB and **Johnson JP**: Turbo spin echo for MR neurography. American Roentgen Ray Society, San Diego, CA, May 1996.
30. **Johnson JP**, Ahn SS, DeSalles AAF et al: Thoracoscopic sympathectomy. Rocky Mountain Neurosurgical Society, Telluride, CO, June 1996.
31. Ahn SS, Concepcion B, Clem MF, Hiyama DT, Fuchs DT, **Johnson JP** et al: Laparoscopic aortic surgery. International Society for Vascular/Cardiovascular Surgery, Chicago, IL, June 1996.
32. Filler AG, Howe FA, Farahani K, **Johnson JP**, Griffiths JR, Kennedy A, Lufkin RB, Haynor DR, Maravilla K, Goodkin R, Hayes CE, Tsuruda JS and Klot M: Diagnosis of brachial plexus pathology by magnetic resonance neurography. American Society of Neuroradiology, Seattle, WA, June 1996.
33. Filler AG, **Johnson JP**, Farahani K and Lufkin R: Neurography of the lumbar and sacral spinal nerves: three dimensional turbo spin echo imaging with phased array coils. North American Spine Society, Vancouver, Canada, Oct 1996.
34. Medin PM, Solberg TD, DeSalles AAF, Selch MT, **Johnson JP**, Smathers JB, Cosman ER: A minimally invasive method for fractionated stereotactic spinal radiosurgery. Third Congress Meeting for the International Stereotactic Radiosurgery Society, Madrid, Spain, 1997.
35. Medin PM, Solberg TD, DeSalles AAF, Selch MT, **Johnson JP**, Smathers JB, Cosman ER: A minimally invasive method for fractionated stereotactic spinal radiosurgery. American Association of Physicists in Medicine, 1997.
36. **Johnson JP**, Filler AG, Pare LS, McBride DQ and Batzdorf U: Anterior cervical foraminotomy. Richard Lende Winter Neurosurgery Conference, Snowbird, UT, February 1997.
37. **Johnson JP**, Filler AG, Pare LS, McBride DQ and Batzdorf U: Anterior cervical foraminotomy. Joint Section on Disorders of the Spine and Peripheral Nerves, Newport Beach, CA, February 1997.
38. **Johnson JP**, Filler AG, Pare LS, McBride DQ and Batzdorf U: Anterior cervical foraminotomy. Winter Neurosurgical Conference. Alberta, Canada. March 1997.
39. **Johnson JP**: Outpatient lumbar microdiscectomy: a cost analysis. Winter Neurosurgical Conference. Alberta, Canada. March 1997.
40. Filler AG, **Johnson JP**, Machleder H, Jabour BA, Trent J, Kioumeh F, Villablanca P, Lufkin RB, Tsuruda JS, Hayes CE, Maravilla K, Klot M.: Image findings with MR neurography in diagnosis of thoracic outlet syndrome. International Society for Magnetic Resonance in Medicine, 5th Annual Meeting, Vancouver, B.C., April 1997.
41. Medin PM, Solberg TD, DeSalles AAF, Selch MT, **Johnson JP**, Smathers JB, Cosman ER: A minimally invasive method for fractionated stereotactic spinal radiosurgery. International Stereotactic Radiosurgery Society. Madrid, June 1997.

42. Medin PM, Solberg TD, DeSalles AAF, Selch MT, **Johnson JP**, Smathers JB, Cosman ER: A minimally invasive method for fractionated stereotactic spinal radiotherapy. *Medical Physics*, Vol. 24, No. 6, June 1997.
43. **Johnson JP**, Ahn SS, DeSalles AAF, Filler AG: Thoracoscopic sympathectomy. Western Neurological Society, Ojai, CA, September 1997.
44. **Johnson JP** and Choi, WW: Outpatient versus inpatient lumbar disc surgery: a cost comparison. Congress of Neurological Surgeons, New Orleans, LA, September-October, 1997.
45. **Johnson JP**, Masciopinto JE and Batzdorf U: Syringomyelia and spinal deformity. Congress of Neurological Surgeons, New Orleans, LA, September-October, 1997.
46. Choi WW, **Johnson JP**, Filler AG, McBride DQ, and Sandhu HS: Simultaneous versus staged anterior and posterior spinal reconstruction: a comparative study. Congress of Neurological Surgeons, New Orleans, LA, September-October 1997.
47. **Johnson JP**, Ahn SS, DeSalles AAF, Filler AG: Thoracoscopic sympathectomy: long-term outcome analysis. Congress of Neurological Surgeons, New Orleans, LA, September-October 1997.
48. Filler AG, **Johnson JP**, Machleder H, Trent J, Villablanca P, Lufkin RB, Tsuruda JS, Hayes CE, Maravilla K, Kliot M: MR Neurography in diagnosis of thoracic outlet syndrome. American Neurological Association, 122nd Annual Meeting, San Diego, CA, September-October 1997.
49. Filler AG, Villablanca P, Lufkin RB, Prager J and **Johnson JP**: MR Neurography and open MRI in management of pyriformis syndrome. North American Spine Society, New York, NY, October 1997.
50. Kim KD, Masciopinto JE, **Johnson JP**: Thoracic pedicle screw placement using frameless stereotaxy. Spine+Science+Management Meeting, New Orleans, LA, November 14, 1997.
51. **Johnson JP**, Choi WW, Masciopinto JE, Kim KD, Filler AG, McBride DQ, Gelabert H: Simultaneous anterior and posterior thoracic spinal reconstruction: prospective comparison with staged thoracic spinal reconstruction. Richard Lende Winter Neurosurgery Conference, 24th Annual Meeting, Snowbird, UT, February 1998.
52. **Johnson JP**, Masciopinto JE, Kim KD: Thoracoscopic disc surgery: techniques and preliminary results. Richard Lende Winter Neurosurgery Conference, 24th Annual Meeting, Snowbird, UT, February 1998.
53. **Johnson JP**, Masciopinto JE, Kim KD: Thoracoscopic disc surgery. Western Neurological Society, Napa, CA, September 1998.
54. Kyung MR, Rajabrata S, **Johnson JP**, Desalles AAF, Machleder HI, Ahn SS: Hyperhidrosis: is the condition hereditary? Joint Annual Meeting of NA-ISCVS/SVS, San Diego, CA 1998.
55. **Johnson JP**, Filler AG, McBride DQ, Batzdorf U: Anterior cervical foraminotomy for unilateral radiculopathy. Western Neurological Society, Coeur d'Alene, ID, September 1999.
56. **Johnson JP**: Are too many spinal fusions being performed? Richard Lende Winter Neurosurgery Conference, 26th Annual Meeting, Snowbird, UT, January-February 2000.
57. **Johnson JP**: Image guided spinal surgery. Richard Lende Winter Neurosurgery Conference, 26th Annual Meeting, Snowbird, UT, January-February 2000.

58. **Johnson JP**: Third generation of anterior spinal instrumentation. Richard Lende Winter Neurosurgery Conference, 26th Annual Meeting, Snowbird, UT, January-February 2000.
59. **Johnson JP**: Transthoracic video-assisted endoscopic discectomy. Rocky Mountain Neurosurgical Society, Girdwood, AK, June 2000.
60. **Johnson JP**: Image guided spinal surgery. Rocky Mountain Neurosurgical Society, Girdwood, AK, June 2000.
61. **Johnson JP**: Thoracoscopic discectomy. Western Neurological Society, Mauna Lani Bay, HI, September 2000.
62. Patel NP, **Johnson JP**, Choi WC, Wright NM, Verity MA: Forestier's disease associated with retro-odontoid mass causing cervico-medullary compression. North American Skull Base Society, Lake Buena Vista, FL, February 2001.
63. Patel NP, **Johnson JP**, Choi WC, Wright NM, Verity MA: Forestier's disease associated with retro-odontoid mass causing cervico-medullary compression. Richard Lende Winter Neurosurgery Conference, Snowbird, UT, February 2001.
64. Bloch O, Holly L, Rogers CD, **Johnson JP**: Evaluation of registration techniques for spinal frameless stereotaxy. Richard Lende Winter Neurosurgery Conference, Snowbird, UT, February 2001.
65. **Johnson JP**, Obasi CN, Park J, Hahn MS, Kim KD, Masciopinto JE: Image-guided thoracic pedicle screw placement: early clinical experience. Richard Lende Winter Neurosurgery Conference, Snowbird, UT, February 2001.
66. **Johnson JP**, Filler AG, McBride DQ: Endoscopic thoracic discectomy. Richard Lende Winter Neurosurgery Conference, Snowbird, UT, February 2001.
67. Patel NP, **Johnson JP**, Choi WW, Wright NM: Forestier's Disease associated with a retro-odontoid mass causing cervicomedullary compression. North American Skull Base Society, Lake Buena Vista, FL, February 2001.
68. Kim KD, Babbitz JD, **Johnson JP**: Anterior cervical fractional interspace decompression: a clinical series. Joint Section on the Disorders of the Spine and Peripheral Nerves, Phoenix, AZ, February 2001.
69. **Johnson JP**, Oskouian R, Patel NP, Stokes JK: Surgical management of thoracic disc herniations: a prospective nonrandomized clinical study. AANS/CNS Joint Section on the Disorders of the Spine and Peripheral Nerves, Tampa, FL, March 2003.
70. **Johnson JP**, Regan JR, Stokes JK: Image guided thoracic spinal surgery. AANS/CNS Joint Section on the Disorders of the Spine and Peripheral Nerves, Tampa, FL, March 2003.
71. **Johnson JP**, Pashman RS, Regan JR, Anand N, Rogers C: Management of upper thoracic and cervical-thoracic junction kyphotic deformities. AANS/CNS Joint Section on the Disorders of the Spine and Peripheral Nerves, Tampa, FL, March 2003.
72. **Johnson JP**: Posterior atlantoaxial stabilization: an alternative to C1-2 transarticular screws. Neurosurgical Society of America, Sunriver, OR, June 2003.
73. **Johnson JP**, **Lauryssen C**: Posterior atlantoaxial stabilization: an alternative to C1-2 transarticular screws. Rocky Mountain Neurosurgical Society, Big Sky, MT, June 2003.

74. **Johnson JP**: Thoracic endoscopic spinal surgery. Rocky Mountain Neurosurgical Society, Big Sky, MT, June 2003.
75. **Johnson JP**, Pashman RS, Regan JJ, Anand N: Management of cervical-thoracic junction kyphotic deformities. American Association of Neurological Surgeons, Orlando, FL, May 2004
76. **Johnson JP**: Spinal deformity and the neurosurgeon. Neurosurgical Society of America. Santa Fe, New Mexico, June 9, 2004.
77. **Johnson JP**: Total disc arthroplasty: current update AND spinal deformity and the neurosurgeon. Rocky Mountain Neurosurgical Society. Olympic Valley, CA, June 15, 2004.
78. **Johnson JP**: Spinal deformity and the neurosurgeon. Western Neurological Society. San Diego, CA, September 14, 2004.
79. Siddique K and **Johnson JP**: Options for surgical treatment of spinal osteomyelitis. Richard Lende Winter Neurosurgery Conference, Snowbird, UT, January 29, 2005.
80. Perri BR, Oyelese T, Bray R, **Johnson JP**: Surgical correction of cervical kyphosis. Richard Lende Winter Neurosurgery Conference, Snowbird, Utah, Jan 29-31, 2005.
81. Perri B, Oyelese A, Bray RS, **Johnson JP**: Strategies for correction of cervical kyphosis. Richard Lende Winter Neurosurgery Conference, Snowbird, UT, January 29, 2005.
82. Perri BR, Miraliakbar H, Regan JJ, **Johnson JP**, Bray R, Goldstein T, Laurysen C: Complications of Charite Artificial Disc Replacement: Analysis of 86 (148) single-site consecutive cases from the prospective FDA IDE trial. American Association of Neurological Surgeons/Congress of Neurological Surgeons Joint Section on Disorders of the Spine and Peripheral Nerves, Phoenix, Arizona, Mar 2005.
83. **Johnson JP**, Laurysen C, Cambron HO, Pashman RS, Regan JJ, Anand N, Bray RS: Sagittal alignment of the Bryan Cervical Artificial Disc. American Association of Neurological Surgeons, New Orleans, LA, April 2005.
84. Regan JJ, Miraliakbar H, **Johnson JP**, Laurysen C, Bray R, Pashman RS, Goldstein T: Evaluation of the Learning Curve Associated with Artificial Disc Replacement: Analysis from the Prospective, Randomized, Multicenter FDA IDE Study of the CHARITÉ Artificial Disc. Spine Arthroplasty 5, New York, New York, May 5, 2005.
85. Wolcott WP, **Johnson JP**, Pashman RS, Bray RS, Anand N, Cambron HO: Sagittal alignment of the Bryan cervical artificial disc. Spine Arthroplasty 5, New York, NY, May 2005.
86. Siddique K, **Johnson JP**: Spinal osteomyelitis: instrumentation and graft options. IMAST Annual meeting, Banff, Canada, July 2005.
87. Melamed H, Hunt L, **Johnson JP**, Pashman RS, Wolcott WP: Asymmetric pedicle subtraction osteotomy with partial vertebrectomy for correction of fixed combined coronal and sagittal imbalance: a new twist on an old technique. International Meeting on Advanced Spine Technologies (IMAST), Banff, Alberta, Canada, July 2005.
88. **Johnson JP**, Melamed H, Hunt L, Pashman RS, Anand N, Wolcott WP: Asymmetric pedicle subtraction osteotomy with partial vertebrectomy for correction of fixed combined coronal and sagittal imbalance: a new twist on an old technique. Congress of Neurological Surgeons, Boston, Massachusetts, October 2005.

89. Perri B, Oyelese A, Bray RS, **Johnson JP**: Strategies and techniques for correction of degenerative and post-surgical kyphotic deformity. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Lake Buena Vista, FL, March 2006.
90. Villavicencio AT, Oskouian RJ, Roberson C, Stokes JK, Park J, Shaffrey C, **Johnson JP**: Thoracolumbar vertebral reconstruction after surgery for metastatic spinal tumors: long-term outcomes. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Lake Buena Vista, FL, March 2006.
91. **Johnson JP**, Stokes JK, Oskouian RJ, Choi WW, King WA: Image-guided thoracoscopic spinal surgery: a merging of 2 technologies. Neurosurgical Society of America, Ojai, CA, June 2006.
92. Pashman RS, Hadden A, **Johnson JP**: Differential concave and convex CSF flow in idiopathic scoliosis. International Meeting on Advanced Spine Techniques, Athens, Greece, July 2006.
93. **Johnson JP**, Stokes JK, Oskouian RJ, Choi WW, King WA: Image-guided thoracoscopic spinal surgery: a merging of 2 technologies. Congress of Neurological Surgeons, Chicago, IL, October 2006.
94. Hamilton JF, Pinillas-Arias D, Bilancini M, Miraliakbar H, Laurysen C, **Johnson JP**: Addition of Cross-link to the C1 lateral mass/C2 pedicle screw fixation construct: a biomechanical study. Congress of Neurological Surgeons, Chicago, IL, October 2006.
95. Hamilton JF, **Johnson JP**, Anand N: Unilateral pedicle screws with cantilever transforaminal lumbar interbody fusion (TLIF) in the treatment of single-level degenerative scoliosis: case series with analysis of a novel surgical technique. Congress of Neurological Surgeons, Chicago, IL, October 2006.
96. **Johnson JP**, Melamed H, Hunt L, Pashman RS, Anand N, Wolcott WP: Asymmetric pedicle subtraction osteotomy with partial vertebrectomy for correction of fixed combined coronal and sagittal imbalance: a new twist on an old technique. Congress of Neurological Surgeons, Boston, Massachusetts, October 2005.
97. **Johnson JP**, Melamed H, Hunt LA, Pashman RS, Anand N, Wolcott PW: Asymmetric pedicle subtraction osteotomy with partial vertebrectomy for correction of fixed combined coronal and sagittal imbalance: a new twist on an old technique. American Association of Neurological Surgeons, San Francisco, CA, April 2006.
98. **Johnson JP**, Chuang S, Hunt LA, Anand N, Pashman R, Hedman T: Investigation of injectable Collagen Crosslinking as an Alternative and Adjunctive Procedure in Treatment of Spinal Deformity. Congress of Neurological Surgeons. October 2006.
99. Siddique K, Ghostine S, Perri B, **Johnson JP**. Sacral insufficiency fractures after lumbar fusion. 33rd Annual Richard Lende Winter Neurosurgery Meeting. Snowbird, Utah. Feb 2007.
100. Sheyn D, Pelled G, Gazit Z, Zarembinski CJ, Anand NA, **Johnson JP**, Gazit D: A Novel Platform for Anterior and Posterior Spinal Fusion using Injectable Adult Stem Cells. Spine Arthroplasty 7, Berlin, Mar 2007.
101. Ghostine S, Zarembinski C, Tawackoli W, Pelled G, Gazit Z, **Johnson JP**, Gazit D. "Minimally Invasive Lumbar Interbody Fusion in a Porcine Model- Percutaneous Discectomy, Instrumentation, and Injection of Adult Mesenchymal Stem Cell". AANS, Washington DC, April 2007
102. Tawackoli W, **Johnson JP**, Anand NA, Haddock S, Siminton, T, Liebschner MAK: 3D Characterization of Joint Kinematics after Intervertebral Disc Augmentation, AANS, Washington

DC, April 2007

103. Sheyn D, Pelled G, Gazit Z, Zarembinski CJ, Anand NA, **Johnson JP**, Gazit D: Injectable Adult Stem Cells as a Novel Therapeutic Platform for Anterior and Posterior Spinal Fusion. AANS, Washington DC, April 2007
104. Ghostine S, Samudrala S, Vaynman S, Thiayanathan S, Bergey DL, Anand N, Pashman RS, **Johnson JP**: Cervicothoracic Junction (CTJ) Kyphosis: Surgical Reconstruction with Pedicle Subtraction Osteotomy (PSO). Association of Neurological Surgeons/College of Neurological Surgeons, Section on Spine and Peripheral Nerves, Annual Meeting, 2009
105. Vaynman S, **Johnson JP**, Ghostine S, Samudrala S: Using Exercise paradigms to Understand How Neurotrophins Can Impact Structural and Functional Plasticity in the Injured CNS. Bridges in Life Sciences-CEE Regional Networking Meeting, Debrecen, Hungary April 4-6, 2009
106. **Johnson JP**, Ghostine S, Thiayanathan G, Samudrala S, King WA, Levesque M, Vaynman S: Future Clinical Applications of Stem Cell Therapies for Spinal Disorders. Bridges in Life Sciences-CEE Regional Networking Meeting, Debrecen, Hungary April 4-6, 2009
107. Ghostine S, Kim TT, Vaynman S, Samudrala S, **Johnson JP**: C1-C2 Instability. Congress of Neurological Surgeons (CNS Spine) New Orleans, Louisiana, Oct 24-29, 2009
108. Ghostine S, Samudrala S, Vaynman S, **Johnson JP**: Cervicothoracic Junction Kyphosis: Surgical reconstruction with pedicle osteotomy and Smith-Peterson Osteotomy. American Association of Neurological Surgeons/College of Neurological Surgeons Section on Spine and Peripheral Nerves San Diego, California, 2009
109. Ghostine S, Samudrala S, Vaynman S, Schoeb JS, Cambron HO, King WA, **Johnson JP**: Image-guided thoroscopic resection of thoracic nerve sheath tumors. American Association of Neurological Surgeons/College of Neurological Surgeons, Section on Spine and Peripheral Nerves, Annual Meeting, Phoenix, Arizona, 2009
110. Salinas P, Schoeb JS, Vaynman S, Samudrala S, **Johnson JP**: Thoracic Pedicle Subtraction Osteotomy for Fixed Sagittal Imbalance. American Association of Neurological Surgeons/College of Neurological Surgeons, Section on Spine and Peripheral Nerves, Annual Meeting, 2009
111. Schoeb JS, Ghostine S, Vaynman S, King WA, Samudrala S, **Johnson JP**: Pre-Sacral Nerve Sheath Tumors-Evaluation and Management. American Association of Neurological Surgeons/College of Neurological Surgeons, Section on Spine and Peripheral Nerves, Annual Meeting, 2009
112. Ghostine S, Vaynman S, Scibelli S, Woods K, Samudrala S, **Johnson JP**: Intra-articular C1-C2 Joint Arthrodesis- Description of an Alternative Safe Technique to Establish Successful C1-C2 Fusion. American Association of Neurological Surgeons/College of Neurological Surgeons, Section on Disorders of the Spine and Peripheral Nerves, Annual Meeting, 2010
113. Ghostine S, Vaynman S, Scibelli S, Woods K, Samudrala S, **Johnson JP**: Pedicle Subtraction Osteotomy- A Safe Alternative Surgical Technique to Treat Patients With Myelopathy Secondary to an Old Post-Traumatic Upper Thoracic Kyphotic Deformity. American Association of Neurological Surgeons/College of Neurological Surgeons, Section on Disorders of the Spine and Peripheral Nerves, Annual Meeting, 2010.
114. **Johnson JP**, Vaynman S, Zarrini P, Ghostine S, Sandhu HS, Samudrala S: A Novel Technique for Direct Reduction of Vertebral Compression Fractures (VCF): A Safety Study, Techniques, and Preliminary Clinical Data. American Association of Neurological Surgeons/College of

Neurological Surgeons, Section on Disorders of the Spine and Peripheral Nerves, Annual Meeting, 2010.

115. Scibelli S, Vaynman S, Ghostine S, Woods K, Samudrala S, **Johnson JP**: Cervical Kyphosis: A Novel Classification System and Operative Treatment Algorithm. American Association of Neurological Surgeons/Congress of Neurological Surgeons, Section on Disorders of the Spine and Peripheral Nerves, Annual Meeting, 2010.
116. Ghostine S, Vaynman S, Schoeb JS, Cambron HO, King WA, Samudrala S, **Johnson JP**: Image-guided Thoracoscopic Resection of Thoracic Dumbbell Nerve Sheath Tumors. International Brain Mapping and Intraoperative Brain Surgical Planning Society. Annual Meeting, 2010.
117. Ghostine S, Vaynman S, Swartz KR, Brien EW, Samudrala S, **Johnson JP**: En-bloc Resection of a Large Sacral Chordoma facilitated by an Intra-operative Image-Guidance System (IGS). International Brain Mapping and Intraoperative Brain Surgical Planning Society. Annual Meeting, 2010.
118. **Johnson JP**, Kim TT, King WA: Image Guided Thoracoscopic Spine Surgery with the O-Arm: The Next Generation. Congress of Neurological Surgeons, Annual Meeting, 2010.

POSTERS

1. Doberstein C, **Johnson JP**, Martin NA, Becker DP: Comparison of cerebral blood flow-determined by thermal diffusion probes and intravenous Xe-133 measurements in postoperative neurosurgical patients. Congress of Neurosurgery, Los Angeles, California, October 1990.
2. Doberstein C, Martin NA, Caron M, Zane Z, **Johnson JP**, Thomas K, Becker DP: Detection of post-traumatic cerebral arterial spasm using transcranial doppler ultrasound and Xe-133 CBF monitoring. Congress of Neurosurgery, Los Angeles, California, October 1990.
3. Cheatham ML, **Johnson JP**, Becker DP: Anterior cervical interbody fusion using the Cloward surgical technique: a review of 456 patients and a 10 to 20 year follow-up. AANS, New Orleans, Louisiana, April 1991.
4. **Johnson JP**, Doberstein C, Martin NA, Becker DP: Thermal diffusion CBF in intraoperative and postoperative craniocerebral trauma patients. AANS, New Orleans, Louisiana, April 1991.
5. **Johnson JP**, Adelson PD, Martin NA, Thomas K, Duckwiler G, Becker DP: Dissecting intracranial aneurysms of the posterior cerebral circulation: approach to diagnosis and management. AANS, New Orleans, Louisiana, April 1991.
6. **Johnson JP**, King WA, Mei Z, Becker DP: Microsurgical anatomy of the superior orbital fissure. Congress of Neurological Surgeons, Vancouver, British Columbia, Canada, October 1993.
7. **Johnson JP**, King WA, Mei Z, Becker DP: The superior orbital fissure: neurosurgical entrance to the orbit. AANS, San Diego, CA, April 1994.
8. **Johnson JP** and Batzdorf U: Tuberculous spinal arachnoid cysts: diagnosis and management. AANS San Diego, CA, April 1994.
9. Citow JS, **Johnson JP**, Ammirati M, and McBride DQ: Diagnosis and management of intraventricular neurocysticercosis: report of 30 cases. CNS Annual Meeting, Chicago IL, Oct 1994.
10. **Johnson JP** and Torres RA: Vertebral body replacement with titanium mesh cage. Joint Spine Section Meeting of AANS/CNS, Phoenix, AZ, Feb 1995.
11. Torres RA and **Johnson JP**: Imaging of spinal metastases after titanium instrumentation. Joint Spine Section Meeting of AANS/CNS, Phoenix, AZ, Feb 1995.
12. **Johnson JP** and Torres RA: MRI imaging after spinal reconstruction with titanium instrumentation in metastatic disease. AANS, Orlando, FL, Apr 1995.
13. **Johnson JP**, Sloan AE, Alexander MJ, Black KB and Canalis RF: Modifications of the transoral approach for clival and craniovertebral junction lesions. AANS, Orlando, FL, Apr 1995.
14. **Johnson JP**, Sloan AE, Alexander MJ, Black KB and Canalis RF: Modifications of the transoral approach for clival and craniovertebral junction lesions. Joint Spine Section of AANS/CNS, Orlando FL, Feb 1996.
15. Alexander MA, **Johnson JP**, Martin NA and Becker DP: Intracranial pressure monitoring in liver transplant patients. Congress of Neurological Surgeons, Montreal, Canada, Sept 1996.
16. **Johnson JP**, Ahn SS, Filler AG, DeSalles AAF, Frazee JG, Machleder HI, and Moore WA: Thorascopic sympathectomy. Congress of Neurological Surgeons, Montreal, Canada, Sept 1996.

17. Tabor EN and **Johnson JP**: Indications for atlanto-axial or occipital-cervical fusion after transoral odontoidectomy. North American Spine Society, Vancouver, Canada, Oct 1996.
18. Medin PM, Solberg TD, DeSalles AAF, Selch MT, **Johnson JP**, Smathers JB, Cosman ER: A minimally invasive method for fractionated stereotactic spinal radiosurgery. World Congress on Medical Physics and Biomedical Engineering, Nice, France, 1997.
19. **Johnson JP**, Ahn SS, Filler AG, DeSalles AAF, Frazee JG, Machleder HI, Moore WS: Thoracoscopic sympathectomy. Joint Section on Disorders of the Spine and Peripheral Nerves, Newport Beach, CA, February 1997.
20. Fineman I, **Johnson JP**, Sandhu H: Spinal brown tumors in renal failure: pathophysiology and management. Joint Section on Disorders of the Spine and Peripheral Nerves, Newport Beach, CA, February 1997.
21. Alsina GA, **Johnson JP**, McBride DQ: Spinal cysticercosis. Joint Section on Disorders of the Spine and Peripheral Nerves, Newport Beach, CA, February 1997.
22. **Johnson JP**: Outpatient lumbar disc surgery: a cost analysis. American Association of Neurological Surgeons, Denver, CO, April 1997.
23. **Johnson JP**, Tabor EN, Filler AG, McBride DQ: Craniovertebral junction stabilization after transoral odontoidectomy. American Association of Neurological Surgeons, Denver, CO, April 1997.
24. **Johnson JP**, Batzdorf U: Syringomyelia and spinal deformity. American Association of Neurological Surgeons, Denver, CO, April 1997.
25. **Johnson JP**, Choi WW: Outpatient versus inpatient lumbar disc surgery: a cost comparison. Congress of Neurological Surgeons, New Orleans, LA, September-October, 1997.
26. **Johnson JP**, Masciopinto JE, Batzdorf U: Syringomyelia and spinal deformity. Congress of Neurological Surgeons, New Orleans, LA, September-October, 1997.
27. Choi WW, **Johnson JP**, McBride DQ, Batzdorf U: Forestier's disease associated with a retro-odontoid mass causing cervicomedullary compression. Congress of Neurological Surgeons, New Orleans, LA, September-October 1997.
28. Kim KD, **Johnson JP**, Masciopinto JE: Frameless stereotaxy for C1-2 transarticular screw placement. Spine+Science+Management, New Orleans, LA, November 1997.
29. Kim KD, Masciopinto JE, **Johnson JP**: Frameless stereotaxy for thoracic pedicle screw placement. Joint Section on Disorders of the Spine and Peripheral Nerves, Rancho Mirage, CA, February 1998.
30. Masciopinto JE, Bloch O, Villablanca JP, **Johnson JP**: Frameless stereotaxy for cervical pedicle screw. American Association of Neurological Surgeons, Philadelphia, PA, April 25-30, 1998.
31. Bloch O, Masciopinto JE, Kim KD, **Johnson JP**: Universal dynamic instrument for interactive spinal stereotaxy. American Association of Neurological Surgeons, Philadelphia, PA, April 25-30, 1998.
32. Kim KD, Masciopinto JE, Villablanca JP, **Johnson JP**: Application of frameless stereotaxy for C1-C2 transarticular screw placement: a validation study. American Association of Neurological Surgeons, Philadelphia, PA., April 25-30, 1998.

33. **Johnson JP**, Ahn S, Choi WW, Masciopinto JE, Kim KD, Filler AG, DeSalles AAF: Thoracoscopic sympathectomy: techniques and outcomes. Congress of Neurological Surgeons, Seattle, WA, October 28-31, 1998
34. Masciopinto JE, Kim KD, **Johnson JP**, Filler AG, Pare LS, McBride DQ, Batzdorf U: Anterior cervical foraminotomy. Congress of Neurological Surgeons, Seattle, WA, October 28-31, 1998.
35. Masciopinto JE, Kim KD, **Johnson JP**, Choi WW, Filler AG, Sandhu HS, McBride DQ, Gelabert H: Simultaneous versus staged anterior and posterior spinal reconstruction: a comparative study. North American Spine Society, San Francisco, CA, October 1998.
36. Medin PM, Solberg TD, DeSalles AAF, Cagnon CH, Selch MT, **Johnson JP**, Smathers JB, Cosman ER: A minimally invasive method for fractionated treatment of spinal malignancies with Linac stereotactic radiation therapy. North American Spine Society, San Francisco, CA, October 28-31, 1998.
37. Kim KD, **Johnson JP**, Bloch O, Masciopinto JE, Saracen MJ, Villablanca JP: New software applications for interchangeable instrumentation in spinal stereotaxis. Medicine Meets Virtual Reality 7, San Francisco, CA, January 20-23, 1999.
38. Bloch O, **Johnson JP**, Kim KD: Application of frameless spinal stereotaxy for anterior cervical procedures. Joint Section on Disorders of the Spine and Peripheral Nerves, Lake Buena Vista, FL, February 10-13, 1999.
39. **Johnson JP**, Choi WW, Ahn SS: A pedigree analysis of hyperhidrosis. Joint Section on Disorders of the Spine and Peripheral Nerves, Lake Buena Vista, FL, February 10-13, 1999.
40. **Johnson JP**, Masciopinto JE, Kim KD, Choi WW, McBride DQ, Gelabert Hugh: Anterior and posterior thoracic spinal reconstruction: a study comparing simultaneous versus staged procedures. Joint Section on Disorders of the Spine and Peripheral Nerves, Lake Buena Vista, FL, February 10-13, 1999.
41. **Johnson JP**, Ahn SS, Choi WW, Masciopinto JE, Kim KD, Filler AG, DeSalles AAF: Techniques and outcomes of thoracoscopic sympathectomy. Joint Section on Disorders of the Spine and Peripheral Nerves, Lake Buena Vista, FL, February 10-13, 1999.
42. **Johnson JP**, Masciopinto JE, Kim KD: Thoracoscopic discectomy: early experience. Joint Section on Disorders of the Spine and Peripheral Nerves, Lake Buena Vista, FL, February 10-13, 1999.
43. **Johnson JP**, Masciopinto JE, McBride DQ, Batzdorf U: Anterior cervical foraminal surgery for unilateral radiculopathy. Joint Section on Disorders of the Spine and Peripheral Nerves, Lake Buena Vista, FL, February 10-13, 1999.
44. Kim KD, **Johnson JP**, Bloch O, Masciopinto JE, Villablanca JP: Laboratory validation for thoracic pedicle screw placement with frameless stereotaxy. Joint Section on Disorders of the Spine and Peripheral Nerves, Lake Buena Vista, FL, February 10-13, 1999.
45. Kim KD, **Johnson JP**, Coiteiro D, Masciopinto JE, Martin N, Palmer J: Bilateral far lateral exposure of the craniovertebral junction for ventral midline lesions. Joint Section on Disorders of the Spine and Peripheral Nerves, Lake Buena Vista, FL, February 10-13, 1999.
46. Bloch O, **Johnson JP**, Kim KD, Hahn MS: Feasibility of frameless stereotaxy for anterior cervical procedures. American Association of Neurological Surgeons, New Orleans, LA, April 24-29, 1999.

47. **Johnson JP**, Bloch O, Kim KD, Masciopinto JE, Hahn MS, Villablanca JP: Image guidance improves the accuracy of C1-2 transarticular screws. American Association of Neurological Surgeons, New Orleans, LA, April 24-29, 1999.
48. **Johnson JP**, Masciopinto JE, McBride DQ, Batzdorf U: Anterior cervical foraminotomy for unilateral radiculopathy. American Association of Neurological Surgeons, New Orleans, LA, April 24-29, 1999.
49. **Johnson JP**, Ahn SS, Kim KD, Filler AG, DeSalles AAF: Techniques and outcomes of thoracoscopic sympathectomy. American Association of Neurological Surgeons, New Orleans, LA, April 24-29, 1999.
50. **Johnson JP**, Choi WW, Ahn SS: Hyperhidrosis: a pedigree analysis. American Association of Neurological Surgeons, New Orleans, LA, April 24-29, 1999.
51. **Johnson JP**, Masciopinto JE, Kim KD, Choi WW, McBride DQ, Gelabert H: Anterior and posterior thoracic spinal reconstruction: a study comparing simultaneous and staged procedures. American Association of Neurological Surgeons, New Orleans, LA, April 24-29, 1999.
52. **Johnson JP**, Masciopinto JE, Kim KD: Thoracoscopic discectomy: results of early experience. American Association of Neurological Surgeons, New Orleans, LA, April 24-29, 1999.
53. **Johnson JP**, Hahn MS, Obasi CN, Filler AG, McBride DQ, Batzdorf U: Anterior cervical foraminotomy for unilateral radicular disease. Congress of Neurological Surgeons, Boston, MA, October 30-November 4, 1999.
54. Bloch O, Obasi CN, Hahn MS, **Johnson JP**: Feasibility of frameless stereotaxy for anterior cervical procedures. Congress of Neurological Surgeons, Boston, MA, October 30-November 4, 1999.
55. **Johnson JP**, Hahn MS, Masciopinto JE, Kim KD: Thoracic disc surgery. Congress of Neurological Surgeons, Boston, MA, October 30-November 4, 1999.
56. **Johnson JP**, Obasi CN, Choi WW, Ahn SS: Hyperhidrosis: a pedigree analysis. Congress of Neurological Surgeons, Boston, MA, October 30-November 4, 1999.
57. **Johnson JP**, Hahn MS, Obasi CN, Choi WW, Filler AG, Sandhu H, McBride DQ, Gelabert H: Simultaneous versus staged APSR: a comparative study. Congress of Neurological Surgeons, Boston, MA, October 30-November 4, 1999.
58. Obasi CN, **Johnson JP**, Filler AF, Park J: Failure of screw-plate fixation in patients with osteoporosis and 3-column instability. Spine+Science+Management, New Orleans, LA, November 1999.
59. Park J, Holly LT, Obasi CN, **Johnson JP**: Evaluation of open door expansile laminoplasty using titanium miniplates for treatment of cervical spine stenosis. Spine+Science+Management, New Orleans, LA, November 1999.
60. Holly LT, **Johnson JP**, Masciopinto JE, Batzdorf U: Treatment of post-traumatic syringomyelia with extradural decompressive surgery. Spine+Science+Management, New Orleans, LA, November 1999.
61. Park J, Holly LT, Obasi CN, **Johnson JP**: Evaluation of open door expansile laminoplasty using titanium miniplates for treatment of cervical spine stenosis. Joint Section on Disorders of the Spine and Peripheral Nerves, Palm Springs, CA, February 2000.

62. **Johnson JP**, Obasi CN, Park J, Hahn MS, Glatleider P: Endoscopic thoracic sympathectomy. Joint Section on Disorders of the Spine and Peripheral Nerves, Palm Springs, CA, February 2000.
63. Park J, Obasi CN, Hahn MS, **Johnson JP**: Transthoracic video-assisted endoscopic discectomy. Joint Section on Disorders of the Spine and Peripheral Nerves, Palm Springs, CA, February 2000.
64. Park J, Obasi CN, Hahn MS, **Johnson JP**: Transthoracic video-assisted endoscopic discectomy. American Association of Neurological Surgeons, San Francisco, CA, April 2000.
65. **Johnson JP**, Obasi CN, Park J, Hahn MS, Glatleider P: Endoscopic thoracic sympathectomy. American Association of Neurological Surgeons, San Francisco, CA, April 2000.
66. **Johnson JP**, Hahn MS, Obasi CN, Park J, Masciopinto JE, McBride DQ, Batzdorf U: Anterior cervical foraminotomy for unilateral radiculopathy. American Association of Neurological Surgeons, San Francisco, CA, April 2000.
67. **Johnson JP**, Bloch O, Obasi CN, Holly LT, Park J, Kim KD, Villablanca JP: Image guidance and improved accuracy of C1-2 transarticular screw placement. Congress of Neurological Surgeons, San Antonio, TX, September 2000.
68. Park J, **Johnson JP**: Evaluation of open-door expansile laminoplasty for treatment of cervical stenosis. Congress of Neurological Surgeons, San Antonio, TX, September 2000.
69. Holly LT, **Johnson JP**, Masciopinto JE, Batzdorf U: Treatment of post-traumatic syringomyelia with extradural decompressive surgery. Congress of Neurological Surgeons, San Antonio, TX, September 2000.
70. **Johnson JP**, Obasi CN, Park J, Hahn MS, Kim KD, Masciopinto JE: Image guided thoracic pedicle screw placement: early clinical experience. Congress of Neurological Surgeons, San Antonio, TX, September 2000.
71. Obasi CN, **Johnson JP**, Filler AG, Park J: Failure of screw-plate fixation in patients with osteoporosis and 3-column instability. Congress of Neurological Surgeons, San Antonio, TX, September 2000.
72. **Johnson JP**, Filler AG, McBride DQ: Thoracoscopic discectomy: comparative outcomes. Joint Section on Disorders of the Spine and Peripheral Nerves, Phoenix, AZ, February 2001.
73. Patel NP, Wright NM, **Johnson JP**: MRI and the management of unstable Hangman's Fractures. Joint Section on Disorders of the Spine and Peripheral Nerves, Phoenix, AZ, February 2001.
74. Patel NP, **Johnson JP**, Choi WW, Wright NM, Verity MA: Forestier's Disease associated with a retro-odontoid mass causing cervicomedullary compression. Joint Section on Disorders of the Spine and Peripheral Nerves, Phoenix, AZ, February 2001.
75. Bloch O, Rogers CD, **Johnson JP**: Evaluation of registration techniques for spinal frameless stereotaxy. Joint Section on Disorders of the Spine and Peripheral Nerves, Phoenix, AZ, February 2001.
76. Obukhov SK, Nieto JH, **Johnson JP**: Anatomy of odontoid resection using an extreme lateral approach. Joint Section on Disorders of the Spine and Peripheral Nerves, Phoenix, AZ, February 2001.

77. Patel NP, **Johnson JP**: MR imaging and the management of unstable Hangman's Fractures. American Association of Neurological Surgeons, Toronto, Ontario, April 2001.
78. **Johnson JP**, Obasi CN, Park J, Hahn MS, Kim KD, Masciopinto JE: Image-guided thoracic pedicle screw placement: early clinical experience. American Association of Neurological Surgeons, Toronto, Ontario, April 2001.
79. Bloch O, Holly LT, Rogers CD, **Johnson JP**: Evaluation of registration techniques for spinal frameless stereotaxy. American Association of Neurological Surgeons, Toronto, Ontario, April 2001.
80. Kim DH, Kam AC, Altaf U, Park J, **Johnson JP**: Anterior cervical fusion with the PEAK polyaxial anterior cervical plate system in 163. American Association of Neurological Surgeons, Toronto, Ontario, April 2001.
81. Park J, **Johnson JP**: Evaluation of expansile laminoplasties for treatment of cervical spine stenosis. American Association of Neurological Surgeons, Toronto, Ontario, April 2001.
82. Kim KD, Babbitz JD, **Johnson JP**, Bloch O, Masciopinto JE: Image-guided thoracic pedicle screw insertion: a cadaveric feasibility study. American Association of Neurological Surgeons, Toronto, Ontario, April 2001.
83. Holly LT, **Johnson JP**, Masciopinto JE, Batzdorf U: Treatment of posttraumatic syringomyelia with extradural decompressive surgery. American Association of Neurological Surgeons, Toronto, Ontario, April 2001.
84. Holly LT, Bloch O, Obasi CN, **Johnson JP**: Frameless stereotaxy for anterior spinal procedures. American Association of Neurological Surgeons, Toronto, Ontario, April 2001.
85. Holly LT, Bloch O, Kim KD, Obasi CN, **Johnson JP**: Image guided cervical pedicle screw placement. American Association of Neurological Surgeons, Toronto, Ontario, April 2001.
86. Holly LT, **Johnson JP**, Masciopinto JE, Batzdorf U: Treatment of posttraumatic syringomyelia with extradural decompressive surgery. World Congress of Neurosurgery, Sydney, Australia, September 2001.
87. **Johnson JP**, Kim KD, Babbitz J, Patel NP, Wright NM, Obasi CN, Park J: Image-guided thoracic pedicle screw placement: early clinical experience. World Congress of Neurosurgery, Sydney, Australia, September 2001.
88. Patel NP, Wright NM, Virella AA, **Johnson JP**: MRI characteristics and the management of unstable Hangman's Fractures. Congress of Neurological Surgeons, San Diego, CA, September-October 2001.
89. Patel NP, **Johnson JP**, Choi WW, Wright NM: Forestier's Disease associated with a retro-odontoid mass causing cervicomedullary compression. Congress of Neurological Surgeons, San Diego, CA, September-October 2001.
90. **Johnson JP**, Kim KD, Babbitz J, Patel NP, Wright NM, Obasi CN, Park J: Image-guided thoracic pedicle screw placement: early clinical experience. Congress of Neurological Surgeons, San Diego, CA, September-October 2001.
91. Lim JY, Wright NM, Patel NP, Obasi CN, **Johnson JP**: Failure of lateral mass plate fixation in patients with 3-column instability. Congress of Neurological Surgeons, San Diego, CA, September-October 2001.

92. **Johnson JP**, Filler AG, McBride DQ, Patel NP, Wright NM: Endoscopic thoracic discectomy. Congress of Neurological Surgeons, San Diego, CA, September-October 2001.
93. **Johnson JP**, Kim KD, Babbitz J, Patel NP, Wright NM, Obasi CN, Park J: Image-guided thoracic pedicle screw placement: early clinical experience. World Federation of Neurosurgical Society, Sydney, Australia, September 2001.
94. **Johnson JP**, Kim KD, Babbitz J, Patel NP, Wright NM, Obasi CN, Park J: Image-guided thoracic pedicle screw placement: early clinical experience. Joint Section on Disorders of the Spine and Peripheral Nerves, Phoenix, AZ, Feb 2002.
95. **Johnson JP**, Shahidi R, Saracen M: Image guided thoracoscopic spinal surgery. American Association of Neurological Surgeons, Chicago, IL, April 2002.
96. McBride DQ, Patel NP, **Johnson JP**, Lanman TH: Chronic cervical spine pain associated with intradiscal screws. American Association of Neurological Surgeons, Chicago, IL, April 2002.
97. Lim JY, Obasi CN, **Johnson JP**: Failure of lateral mass plate fixation in patients with 3-column instability. American Association of Neurological Surgeons, Chicago, IL, April 2002.
98. Patel NP, **Johnson JP**, Choi WW, Wright NM: Forestier's disease associated with a retroodontoid mass causing cervicomedullary compression. American Association of Neurological Surgeons, Chicago, IL, April 2002.
99. **Johnson JP**, Kim KD, Babbitz J, Pashman R, Patel NP, Wright NM, Obasi CN, Park J: Image guided thoracic screw placement. American Association of Neurological Surgeons, Chicago, IL, April 2002.
100. **Johnson JP**, Stokes JK, Regan JJ: Thoracic endoscopic spinal surgery. Congress of Neurological Surgeons, Philadelphia, PA, September 2002.
101. Patel NPP, **Johnson JP**, Lewin M, McBride DQ, Batzdorf U: Esophageal injury associated with anterior cervical spine surgery. Congress of Neurological Surgeons, Philadelphia, PA, September 2002.
102. Stokes JK, Villavicencio AT, Liu PC, **Johnson JP**: Posterior atlantoaxial stabilization: a new alternative to C1-2 transarticular screws. Congress of Neurological Surgeons, Philadelphia, PA, September 2002.
103. Patel NPP, **Johnson JP**, Lewin M, McBride DQ, Batzdorf U: Esophageal injury associated with anterior cervical spine surgery. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Tampa, FL, March 2003.
104. Patel NPP, Wright NM, **Johnson JP**: 3D image thoracic spinal tumor resection and reconstruction. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Tampa, FL, March 2003.
105. **Johnson JP**, Oskouian R, Patel NP, Stokes JK: Surgical management of thoracic disc herniations: a prospective nonrandomized clinical study. American Association of Neurological Surgeons, San Diego, CA, April 2003.
106. **Johnson JP**, Regan JJ, Stokes JK: Image guided endoscopic thoracic spinal surgery. Congress of Neurological Surgeons, Denver, CO, October 2003.
107. **Johnson JP**, Lauryssen C: Posterior atlantoaxial stabilization: a new alternative to C1-2 transarticular screws. Congress of Neurological Surgeons, Denver, CO, October 2003.

108. **Johnson JP**, Bergey D, Pashman RS: Pedicle subtraction osteotomy for cervical-thoracic kyphosis. Congress of Neurological Surgeons, Denver, CO, October 2003.
109. **Johnson JP**, Pashman RS, Regan JJ, Anand N, Rogers CD: Management of upper thoracic and cervical-thoracic junction kyphotic deformities. Congress of Neurological Surgeons, Denver, CO, October 2003.
110. **Johnson JP**, Laurysen C: Posterior atlantoaxial stabilization: a new alternative to C1-2 transarticular screws. North American Spine Society, San Diego, CA, October 2003.
111. **Johnson JP**, Laurysen C: Posterior atlantoaxial stabilization: a new alternative to C1-2 transarticular screws. Joint Section on Disorders of the Spine and Peripheral Nerves, San Diego, CA, March 2004.
112. **Johnson JP**, Regan JJ, Stokes JK: Image guided endoscopic thoracic spinal surgery. Joint Section on Disorders of the Spine and Peripheral Nerves, San Diego, CA, March 2004.
113. **Johnson JP**, Bergey D, Pashman RS: Pedicle subtraction osteotomy for cervical-thoracic kyphosis. Joint Section on Disorders of the Spine and Peripheral Nerves, San Diego, CA, March 2004.
114. Gregorian A, Maccabi G, Oskouian R, Laurysen C, **Johnson JP**: Vascular complications in anterior thoracolumbar spinal reconstruction. Joint Section on Disorders of the Spine and Peripheral Nerves, San Diego, CA, March 2004.
115. **Johnson JP**, Pashman RS, Regan JJ, Anand N: Management of cervical-thoracic junction kyphotic deformities. American Association of Neurological Surgeons, Orlando, FL, May 2004.
116. Laurysen C, **Johnson JP**: Posterior atlantoaxial stabilization: a new alternative to C1-2 transarticular screws. American Association of Neurological Surgeons, Orlando, FL, May 2004.
117. **Johnson JP**, Bergey D, Pashman RS: Pedicle subtraction osteotomy for cervical-thoracic kyphosis. American Association of Neurological Surgeons, Orlando, FL, May 2004.
118. **Johnson JP**: Image guided endoscopic thoracic spinal surgery. American Association of Neurological Surgeons, Orlando, FL, May 2004.
119. **Johnson JP**, Bergey DL, Pashman RS: Pedicle Subtraction Osteotomy for Cervical Thoracic Kyphosis. Scoliosis Research Society, Argentina, Buenos Aires, September 2004.
120. **Johnson JP**, Laurysen C, Cambron HO, Pashman RS, Regan JJ, Anand N, Bray RS: Sagittal alignment of the Bryan cervical artificial disc. AANS/CNS Joint Section of the Disorders of the Spine and Peripheral Nerves, Phoenix, AZ, March 2005.
121. **Johnson JP**, Laurysen C, Cambron HO, Pashman RS, Regan JJ, Anand N, Bray RS: Sagittal alignment of the Bryan cervical artificial disc. AANS/CNS Joint Section of the Disorders of the Spine and Peripheral Nerves, Phoenix, AZ, March 2005.
122. **Johnson JP**, Laurysen C, Cambron HO, Pashman RS, Regan JJ, Anand N, Bray RS: Sagittal alignment of the Bryan Cervical Artificial Disc. American Association of Neurological Surgeons, New Orleans, LA, April 2005.
123. Miraliakbar H, **Johnson JP**, Maccabi G, Stokes JK, Bray RS, Laurysen: C1-2 fusion using facet arthrodesis without posterior structural bone grafting: a new technique. American Association of Neurological Surgeons, New Orleans, LA, April 2005.

124. Wolcott WP, **Johnson JP**, Pashman RS, Bray RS, Anand N, Cambron HO: Sagittal alignment of the Bryan cervical artificial disc. *Spine Arthroplasty* 5, New York, NY, May 2005.
125. Perri B, Oyelese A, Bray R, **Johnson JP**: Cervical kyphosis classification with strategies and techniques for correction of type-specific deformities. International Meeting on Advanced Spine Technologies (IMAST), Banff, Alberta, Canada, July 2005.
126. Melamed H, Hunt L, **Johnson JP**, Pashman RS, Wolcott WP: Asymmetric pedicle subtraction osteotomy with partial vertebrectomy for correction of fixed combined coronal and sagittal imbalance: a new twist on an old technique. International Meeting on Advanced Spine Technologies (IMAST), Banff, Alberta, Canada, July 2005.
127. Siddique K, **Johnson JP**: Surgical options for treatment of osteomyelitis. International Meeting on Advanced Spine Technologies (IMAST), Banff, Alberta, Canada, July 2005.
128. Wolcott WP, Patel NP, **Johnson JP**, Lewin MG, McBride DQ, Batzdorf U: Esophageal injury rates in anterior cervical spine surgery: review of a large series and literature. Congress of Neurological Surgeons, Boston, Massachusetts, October 2005.
129. Wolcott WP, **Johnson JP**, Lim JY, Cambron HO, Patel NP, Wright NM: Failure of lateral mass plate fixation in osteoporosis. Congress of Neurological Surgeons, Boston, Massachusetts, October 2005.
130. **Johnson JP**, Melamed H, Hunt L, Pashman RS, Anand N, Wolcott WP: Asymmetric pedicle subtraction osteotomy with partial vertebrectomy for correction of fixed combined coronal and sagittal imbalance: a new twist on an old technique. Congress of Neurological Surgeons, Boston, Massachusetts, October 2005.
131. Miraliakbar H, **Johnson JP**, Maccabi G, Stokes JK, Bray RS, Laurysen C: C1-2 instrumented fusion using facet arthrodesis without posterior structural bone grafting: clinical results on a new technique. Cervical Spine Research Society, San Diego, CA, December 2005.
132. Hamilton JF, Pinilla-Arias D, Bilancini M, Miraliakbar H, Laurysen C, **Johnson JP**: Addition of a cross-link to the C1 lateral mass/C2 pedicle screw fixation construct: a biomechanical study. Cervical Spine Research Society, San Diego, CA, December 2005.
133. Bergey DL, Melamed HM, Pashman RS, **Johnson JP**: Pedicle Subtraction Osteotomy for Cervical-Thoracic Kyphosis: A New Approach. CSRS Annual Meeting, San Diego, CA, December 2005.
134. Perri B, Oyelese A, Bray RS, **Johnson JP**: Strategies and techniques for correction of degenerative and post-surgical cervical kyphotic deformity. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Lake Buena Vista, FL, March 2006.
135. **Johnson JP**, Melamed H, Hunt LA, Pashman RS, Anand N, Wolcott PW: Asymmetric pedicle subtraction osteotomy with partial vertebrectomy for correction of fixed combined coronal and sagittal imbalance: a new twist on an old technique. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Lake Buena Vista, FL, March 2006.
136. Hamilton JF, Pinilla-Arias D, Bilancini M, Miraliakbar H, Laurysen C, **Johnson JP**: Addition of a cross-link to the C1 lateral mass/C2 pedicle screw fixation construct: a biomechanical study. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Lake Buena Vista, FL, March 2006.

137. Oyelese A, Perri B, Bray RS, **Johnson JP**: Strategies and techniques for correction of degenerative and post-surgical cervical kyphotic deformity. American Association of Neurological Surgeons, San Francisco, CA, April 2006.
138. **Johnson JP**, Melamed H, Hunt LA, Pashman RS, Anand N, Wolcott PW: Asymmetric pedicle subtraction osteotomy with partial vertebrectomy for correction of fixed combined coronal and sagittal imbalance: a new twist on an old technique. American Association of Neurological Surgeons, San Francisco, CA, April 2006.
139. Hamilton JF, Pinilla-Arias D, Bilancini, Miraliakbar H, Laurysen C, **Johnson JP**: Addition of a cross-link to the C1 lateral mass/C2 pedicle screw fixation construct: a biomechanical study. American Association of Neurological Surgeons, San Francisco, CA, April 2006.
140. Wolcott WP, **Johnson JP**, Lim JY, Cambron HO, Patel NP, Wright NM: Failure of lateral mass plate fixation in osteoporosis. American Association of Neurological Surgeons, San Francisco, CA, April 2006.
141. Wolcott WP, Patel NP, **Johnson JP**, Lewin M, McBride DQ, Batzdorf U: Esophageal injury rates in anterior cervical spine surgery: review of a large series and literature. American Association of Neurological Surgeons, San Francisco, CA, April 2006.
142. Perri B, Oyelese A, Bray RS, **Johnson JP**: Strategies and techniques for correction of degenerative and post-surgical cervical kyphotic deformity. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Lake Buena Vista, FL, March 2006.
143. **Johnson JP**, Melamed H, Hunt LA, Pashman RS, N, Wolcott PW: Asymmetric pedicle subtraction osteotomy with partial vertebrectomy for correction of fixed combined coronal and sagittal imbalance: a new twist on an old technique. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Lake Buena Vista, FL, March 2006.
144. Hamilton JF, Pinilla-Arias D, Bilancini, Miraliakbar H, Laurysen C, **Johnson JP**: Addition of a cross-link to the C1 lateral mass/C2 pedicle screw fixation construct: a biomechanical study. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Lake Buena Vista, FL, March 2006.
145. Perri B, Oyelese A, Bray RS, **Johnson JP**: Strategies and techniques for correction of degenerative and post-surgical kyphotic deformity. American Association of Neurological Surgeons, San Francisco, CA, April 2006.
146. Hamilton JF, Pinilla-Arias D, Bilancini, Miraliakbar H, Laurysen C, **Johnson JP**: Addition of a cross-link to the C1 lateral mass/C2 pedicle screw fixation construct: a biomechanical study. American Association of Neurological Surgeons, San Francisco, CA, April 2006.
147. **Johnson JP**, Melamed H, Hunt LA, Pashman RS, N, Wolcott PW: Asymmetric pedicle subtraction osteotomy with partial vertebrectomy for correction of fixed combined coronal and sagittal imbalance: a new twist on an old technique. American Association of Neurological Surgeons, San Francisco, CA, April 2006.
148. **Johnson JP**, Melamed H, Hunt LA, Pashman RS, Anand N, Wolcott WP: Asymmetric pedicle subtraction osteotomy with partial vertebrectomy for correction of fixed combined coronal and sagittal imbalance: a new twist on an old technique. American Association of Neurological Surgeons, April 22-27, 2006, San Francisco, CA.
149. Pashman RS, Hadden A, **Johnson JP**: Differential concave and convex CSF flow in idiopathic scoliosis. International Meeting on Advanced Spine Techniques, Athens, Greece, July 2006.

150. **Johnson JP**, Chuang S, Hunt L, Anand N, Pashman RS, Hedman T: Investigation of Injectable Collagen Crosslinking as an Alternative and Adjunctive Procedure in the Treatment of Spinal Deformity. Congress of Neurological Surgeons Annual Meeting, Chicago, Illinois, October 2006.
151. **Johnson JP**, Ghostine S, Gazit D: Mesenchymal Stem Cell Applications for Spinal Disorders, American Association of Neurological Surgeons/Congress of Neurological Surgeons Section on Spine and Peripheral Nerves, Phoenix, AZ March 2007
152. Ghostine S, Zarembinski C, Tawackoli W, Pelled G, Gazit Z, **Johnson JP**, Gazit D. "Minimally Invasive Lumbar Interbody Fusion in a Porcine Model- Percutaneous Discectomy, Instrumentation, and Injection of Adult Mesenchymal Stem Cell". AANS, Washington DC, April 2007
153. Tawackoli W, **Johnson JP**, Anand NA, Haddock S, Siminton, T, Liebschner MAK: 3D Characterization of Joint Kinematics after Intervertebral Disc Augmentation, AANS, Washington DC, April 2007
154. Sheyn D, Pelled G, Gazit Z, Zarembinski CJ, Anand NA, **Johnson JP**, Gazit D: Injectable Adult Stem Cells as a Novel Therapeutic Platform for Anterior and Posterior Spinal Fusion. AANS, Washington DC, April 2007
155. Ghostine S, Samudrala S, Vaynman S, Thiayanathan S, Bergey DL, Anand N, Pashman RS, **Johnson JP**: Cervicothoracic Junction (CTJ) Kyphosis: Surgical Reconstruction with Pedicle Subtraction Osteotomy (PSO). Association of Neurological Surgeons/College of Neurological Surgeons, Section on Spine and Peripheral Nerves, Annual Meeting, 2009
156. Vaynman S, **Johnson JP**, Ghostine S, Samudrala S: Using Exercise paradigms to Understand How Neurotrophins Can Impact Structural and Functional Plasticity in the Injured CNS. Bridges in Life Sciences-CEE Regional Networking Meeting, Debrecen, Hungary April 4-6, 2009
157. **Johnson JP**, Ghostine S, Thiayanathan G, Samudrala S, King WA, Levesque M, Vaynman S: Future Clinical Applications of Stem Cell Therapies for Spinal Disorders. Bridges in Life Sciences-CEE Regional Networking Meeting, Debrecen, Hungary April 4-6, 2009
158. Ghostine S, Kim TT, Vaynman S, Samudrala S, **Johnson JP**: C1-C2 Instability. Congress of Neurological Surgeons (CNS Spine) New Orleans, Louisiana, Oct 24-29, 2009
159. Ghostine S, Samudrala S, Vaynman S, **Johnson JP**: Cervicothoracic Junction Kyphosis: Surgical reconstruction with pedicle osteotomy and Smith-Peterson Osteotomy. American Association of Neurological Surgeons/College of Neurological Surgeons Section on Spine and Peripheral Nerves San Diego, California, 2009
160. Ghostine S, Samudrala S, Vaynman S, Schoeb JS, Cambron HO, King WA, **Johnson JP**: Image-guided thorascopic resection of thoracic nerve sheath tumors. American Association of Neurological Surgeons/College of Neurological Surgeons, Section on Spine and Peripheral Nerves, Annual Meeting, Phoenix, Arizona, 2009
161. Salinas P, Schoeb JS, Vaynman S, Samudrala S, **Johnson JP**: Thoracic Pedicle Subtraction Osteotomy for Fixed Sagittal Imbalance. American Association of Neurological Surgeons/College of Neurological Surgeons, Section on Spine and Peripheral Nerves, Annual Meeting, 2009
162. Schoeb JS, Ghostine S, Vaynman S, King WA, Samudrala S, **Johnson JP**: Pre-Sacral Nerve Sheath Tumors-Evaluation and Management. American Association of Neurological

Surgeons/College of Neurological Surgeons, Section on Spine and Peripheral Nerves, Annual Meeting, 2009

163. Ghostine S, Vaynman S, Scibelli S, Woods K, Samudrala S, **Johnson JP**: Intra-articular C1-C2 Joint Arthrodesis- Description of an Alternative Safe Technique to Establish Successful C1-C2 Fusion. American Association of Neurological Surgeons/College of Neurological Surgeons, Section on Disorders of the Spine and Peripheral Nerves, Annual Meeting, 2010
164. Ghostine S, Vaynman S, Scibelli S, Woods K, Samudrala S, **Johnson JP**: Pedicle Substraction Osteotomy- A Safe Alternative Surgical Technique to Treat Patients With Myelopathy Secondary to an Old Post-Traumatic Upper Thoracic Kyphotic Deformity. American Association of Neurological Surgeons/College of Neurological Surgeons, Section on Disorders of the Spine and Peripheral Nerves, Annual Meeting, 2010.
165. **Johnson JP**, Vaynman S, Zarrini P, Ghostine S, Sandhu HS, Samudrala S: A Novel Technique for Direct Reduction of Vertebral Compression Fractures (VCF): A Safety Study, Techniques, and Preliminary Clinical Data. American Association of Neurological Surgeons/College of Neurological Surgeons, Section on Disorders of the Spine and Peripheral Nerves, Annual Meeting, 2010.
166. Scibelli S, Vaynman S, Ghostine S, Woods K, Samudrala S, **Johnson JP**: Cervical Kyphosis: A Novel Classification System and Operative Treatment Algorithm. American Association of Neurological Surgeons/Congress of Neurological Surgeons, Section on Disorders of the Spine and Peripheral Nerves, Annual Meeting, 2010.
167. Ghostine S, Vaynman S, Schoeb JS, Cambron HO, King WA, Samudrala S, **Johnson JP**: Image-guided Thoracoscopic Resection of Thoracic Dumbbell Nerve Sheath Tumors. International Brain Mapping and Intraoperative Brain Surgical Planning Society. Annual Meeting, 2010.
168. Ghostine S, Vaynman S, Swartz KR, Brien EW, Samudrala S, **Johnson JP**: En-bloc Resection of a Large Sacral Chordoma facilitated by an Intra-operative Image-Guidance System (IGS). International Brain Mapping and Intraoperative Brain Surgical Planning Society. Annual Meeting, 2010.

BOOK CHAPTERS

1. **Johnson JP.** Subfrontal Approach: Unilateral and Bilateral. In: Samii M, Cheatham ML and Becker DP (Eds.) **Atlas of Cranial Base Surgery.** WB Saunders, Philadelphia, PA, 1995, pp 3-5.
2. **Johnson JP.** Frontotemporal (Peritoneal) Approach. In: Samii M, Cheatham ML and Becker DP (Eds.) **Atlas of Cranial Base Surgery.** WB Saunders, Philadelphia, PA, 1995, pp. 6-8.
3. **Johnson JP.** Suboccipital Lateral Retrosigmoid Approach. In: Samii M, Cheatham ML, and Becker DP (eds.) **Atlas of Cranial Base Surgery,** WB Saunders, Philadelphia, PA, 1995, pp. 12-15.
4. **Johnson JP.** Suboccipital Midline Approach. In: Samii M, Cheatham ML and Becker DP (eds.) **Atlas of Cranial Base Surgery,** WB Saunders, Philadelphia, PA, 1995, pp. 16-17.
5. **Johnson JP.** Transoral Approach to the Clivus and C1-C2. In: Samii M, Cheatham ML and Becker DP (eds.) **Atlas of Cranial Base Surgery,** WB Saunders, Philadelphia, PA, 1995, pp. 95-98.
6. **Johnson JP** and Starkman S. New Concepts in Management of Acute Spinal Cord Injury. **Continuum of Neurology,** Fall 1996.
7. **Johnson JP** and Ahn SS. Thoracoscopic Sympathectomy. In: Loftus CM and Batjer HH (eds.) **Techniques in Neurosurgery,** Lippincott-Raven, Philadelphia, PA , 1997, Vol 3:No 4, pp308-314.
8. **Johnson JP.** Virtual Reality and Surgical Simulation in Neurosurgical Residency Training. In: Kerrigan C, Pietrucha B and Riess JR (eds.) **Medical Simulation and Training Kerrigan Media International,** Potomac, MD, 1996, Volume 1:No 2, pp 16-18.
9. **Johnson JP.** Transoral Anatomy and Approaches to the Craniovertebral Junction. **Perspectives in Neurological Surgery,** Quality Medical Publishing Inc., St Louis, MO.
10. Mathisen G and **Johnson JP.** Current concepts in brain abscess management. **Clinical Infectious Diseases,** 1997;25: pp 763-781.
11. **Johnson JP,** Ahn SS, Moosy JJ, Welch E. Surgery of the Sympathetic Nervous System. In: Benzel EC (ed.) **Spine Surgery: Techniques, Complication Avoidance, and Management,** Livingston Churchill, New York, NY 1998.
12. **Johnson JP** and Ahn SS. Thoracoscopic Sympathectomy. In: Rengachary SS (ed) **Neurosurgical Operative Atlas,** AANS Publications Committee, Park Ridge, IL, 1998, Volume VII:pp 157-162.
13. Kim KD, **Johnson JP,** Bloch O, Masciopinto JE, Saracen MJ, Villablanca JP. New software applications for interchangeable instrumentation in spinal stereotaxis. In: Westwood JS et al (eds) **Medicine Meets Virtual Reality,** IOS Press, 1999.
14. Kim KD, Masciopinto JE, **Johnson JP.** Anterior transoral surgical techniques. In: An H and Cotler J (eds). **Spinal Instrumentation** (2nd Ed.), Lippincott Williams & Wilkins, Philadelphia, PA, 1999.
15. Masciopinto JE, Kim KD, **Johnson JP.** Anterior odontoid screw fixation. In: An H and Cotler J (eds). **Spinal Instrumentation** (2nd Ed.), Williams & Wilkins, Philadelphia, PA, 1999.
16. Kim KD, DeSalles AAF, **Johnson JP,** Ahn SS. Sympathectomy: open and thoracic. In:Burchiel K (ed). **Pain Surgery,** Thieme Publishers, 1999.
17. **Johnson JP.** Surgery of the sympathetic nervous system. In: Schmidek HH and Sweet WH (eds). **Operative Neurosurgical Techniques** (4th Ed.), W.B. Saunders, Philadelphia, PA, 2000.

18. **Johnson JP**, Obasi CN, Canalis R. Tumors of the occipitocervical junction. In: Fessler and Sekhar (eds). **Atlas of Neurological Techniques**, Thieme, New York, NY. (submitted 1999)
19. Patel NP, **Johnson JP**, Hahn MS. Lumbar Fractures. In: Batjer H and Loftus C (eds). **Textbook of Neurological Surgery**, Lippencott-Raven Publishers, Philadelphia, PA, 2002.
20. Park J, **Johnson JP**, Fohrman E. Sacral Fractures. In: Batjer H and Loftus C (eds). **Textbook of Neurological Surgery**, Lippencott-Raven Publishers, Philadelphia, PA, Vol II, pp1784-9, 2002.
21. McBride DQ, **Johnson JP**, Masciopinto JE. Ray Cages. In: Haid R, Fessler R and Alexander J (eds.) **Lumbar Interbody Fusion Techniques: Cages, Dowels, and Grafts**, Quality Medical Publishing, Inc., St. Louis, MO, 1999.
22. **Johnson JP**. High Tech Spinal Surgery. In: Sinel MS and Deardorff WW (eds.) **Low Back Pain for Dummies**, IDG Books Worldwide, Foster City, CA, 1999.
23. **Johnson JP**, Filler AG, McBride DQ, Batzdorf U. Outpatient Anterior Cervical Foraminotomy. In: Perez-Cruet (ed.) **Outpatient Spinal Surgery**, 2000.
24. Patel NP, Lim JY, Kim KD, **Johnson JP**. Image-Guided Lumbar Instrumentation. In: Germano IM (ed.) **Advanced Techniques in Image-Guided Brain and Spine Surgery**, Thieme Publishers, New York, NY, 2002, pp 197-206.
25. McBride DQ, **Johnson JP**. Ray Cages In: Haid RW, McLaughlin MR Fessler (eds) **Lumbar Interbody Fusion Techniques: Cages, Dowels, and Grafts**, Quality Medical Publishing Inc., St. Louis MO, 2002.
26. **Johnson JP**, Khairi S, Welch E. Surgery of the Sympathetic Nervous System. In: Benzel EC (ed.) **Spine Surgery: Techniques, Complication Avoidance, and Management 2nd Edition**, Elsevier Churchill Livingstone, Philadelphia, Pennsylvania, 2005, pp 1357-1366.
27. Bergey D, Pashman RS, **Johnson JP**. Ankylosing Spondylitis: Deformity Correction Surgery. In: Benzel EC (ed.) **Spine Surgery: Techniques, Complication Avoidance, and Management 2nd Edition**, Elsevier Churchill Livingstone, Philadelphia, Pennsylvania, 2005, pp 931-935.
28. **Johnson JP**, Rogers CD. Thoracoscopic discectomy In: Kim DH, Fessler RG and Regan JJ (eds) **Endoscopic Spine Surgery and Instrumentation**, Thieme Medical Publishers, New York, NY, 2005, pp 111-124.
29. **Johnson JP**. Thoracoscopic management of thoracic discectomy. In: Kim DH, Fessler RG and Regan JJ (eds) **Endoscopic Spine Surgery and Instrumentation**, Thieme Medical Publishers, New York, NY, 2005, pp 111-124.
30. Stokes JK, Johnson JP. PEAK Polyaxial Anterior Cervical Plate. In: Vaccaro A, Fessler GD (eds). **Surgical Techniques in Spinal Instrumentation**, Thieme Medical Publishers, New York, NY, 2005, pp 156-161.
31. Bergey D, **Pashman RS**, Johnson JP: Ankylosing Spondylitis: Deformity Correction Surgery. In: Benzel EC (ed.) *Spine Surgery: Techniques, Complication Avoidance, and Management 2nd Edition*, Elsevier Churchill Livingstone, Philadelphia, Pennsylvania, 2005, pp 931-935.
32. Patel NP, **Johnson JP**. Sympathectomy. In: Spetzler R (ed.) *Encyclopedia of the Neurological Sciences*, Academic Press, San Diego, CA (submitted).

33. Patel NP, **Johnson JP**. Hyperhidrosis. In: Spetzler R (ed.) Encyclopedia of the Neurological Sciences, Academic Press, San Diego, CA (submitted).
34. Stokes JK, Lim JY, Bray RS, **Johnson JP**. Anterior plate fixation of the cervical spine. In: Wilkins RH and Rengachary SS (eds.) **Neurosurgery 3rd Edition**, McGraw-Hill Publishers, New York, NY (submitted).
35. Gart A, Patel NP, **Johnson JP**. Conservative management of cervical and lumbar pain. In: Wilkins RH and Rengachary SS (eds.) **Neurosurgery 3rd Edition**, McGraw-Hill Publishers, New York, NY (submitted).
36. **Johnson JP**, Patel NP. Endoscopic thoracic sympathectomy. In: Wilkins RH and Rengachary SS (eds.) **Neurosurgery 3rd Edition**, McGraw-Hill Publishers, New York, NY (submitted).
37. **Johnson JP**. Sympathectomy for intractable pain: indications, techniques, and results In: Osenbach R, Loftus C, Batjer H (eds) Techniques in Neurosurgery on Management of Chronic Pain, Lippincott Williams and Wilkins, PA. (in preparation)
38. **Johnson JP**. Anterior cervical foraminotomy In: Perez-Cruet MJ, Khoo LT, Fessler RG (eds) **An Anatomical Approach to Minimal Access Spine Surgery**, Quality Medical Publishing Inc. (Submitted)
39. **Johnson JP**. Thoracoscopic Minimally Invasive Update. In: Haid RW, Subach BR and Rodts GE (eds) **Progress in Neurological Surgery: Advances in Spinal Stabilization**, Karger Publications. (In Preparation).
40. Melamed H, **Johnson JP**. Cervico-thoracic junction fixation options. Mummaneni PV, Haid RW, Lenke L (eds). **Principles of Spinal Deformity: A Primer on Surgical Management**, Quality Medical Publishing Inc. (In Preparation)
41. Kasimian S, **Johnson JP**: Endoscopic Thoracic Discectomy. In: Vaccaro A (ed) **Atlas of Operative Techniques in Spinal Surgery**, Elsevier, New York, NY, 2007. (Submitted)
42. Starr, Barbaro and Larson, **Neurosurgical Operative Atlas 2Ed**: Functional Neurosurgery, Chapter 25, Thoracoscopic Sympathectomy: Perri B, Gravori T and **Johnson JP**.(Submitted).
43. Baron E, Siddique K, Perri B, Anand N, **Johnson JP**. “ Anterior Transoral Resection”; in **Operative Techniques in Orthopaedics**, (Eds. Freddie H. Fu, MD), Vol. 17(3) July 2007, pp.156-162.
44. ,Wolcott P, Johnson JP, Melamed H, Fixation Options for the Cervicothoracic Junction” for **Spinal Deformity: A Guide to Planning and Management**. Quality Medical Publishing Inc.,(Submitted 2007).
45. Rustamzadeh E, Siddique K, **Johnson JP**: Fracture-dislocations of the thoraco-lumbar spine. **Atlas of Spinal Trauma: Adult and Pediatric**. Editors: Kim DH, Ludwig SC, Vaccaro AR., Elsevier Inc., Philadelphia, PA 2007.
46. Perri B, Siddique K, Anand N, Pashman R and **Johnson JP**: Charité SBIII Artificial Disc Replacement: Techniques for Surgical Implantation. Instructional Video in Vaccaro, AR, Baron, EM **Atlas of Spinal Surgery**. Elsevier Medical Publishing, Philadelphia. 2007.
47. Thaiyanathan G, and **Johnson JP**: “**Neurosurgery Tricks of the Trade**” Chapter on “Posterior Lumbar Discectomy” for companion handbook to be published in 2008 by Stanford University Medical Center Department of Neurosurgery.

48. Ghostine S, Woods K, Vaynman S, Shirzadi A, Scibelli SS, Samudrala S, **Johnson JP**: *Treatment of thoracic vertebral fractures* in The Comprehensive Treatment of the Aging Spine: Minimally Invasive and Advanced Techniques. Atlas of Emergency Neurosurgery in joint collaboration with the AANS Publications Committee and the Trauma Section
49. Perri B, Ghostine S, Vaynman S, Samudrala S, **Johnson JP**, Siddique K: Chapter 121 Thoracoscopic Sympathectomy for Hyperhidrosis in Schmidek And Sweet Operative Neurosurgical Techniques, 6 Edition- submitted.
50. Scibelli SS, Woods K, **Johnson JP**; Cervical Laminectomy/laminoplasty” for *Essential Techniques in Operative Neurosurgery* - in preparation.

BOOKS

1. **Johnson JP**, Adelson PD, McBride DQ: UCLA Neurosurgical Student Manual. UCLA Teaching Publications, 1989.
2. **Johnson JP**, McBride DQ, Filler AG, Batzdorf U: Lumbar Spinal Fusion. Lippincott-Wilkins Publishers, Philadelphia, PA 1999.
3. Yue J, Guyer D, **Johnson JP**, Khoo LT, Hochschuler ST: The Comprehensive Treatment of the Aging Spine Minimally Invasive and Advanced Techniques. Elsevier Publishing Philadelphia , PA 2010.

BOOK REVIEWS

1. Techniques in Spinal Fusion and Stabilization by: Hitchon, Treynalis and Rengachary. Journal of Neurosurgery, Vol. 83, pp. 1110, Dec 1995.
2. Surgery of Spinal Trauma by: Cotler JM, Simpson JM, An HS and Silveri CP. Lippincott Williams and Wilkins, Philadelphia, PA, 2000.
3. Spinal Instrumentation: Surgical Techniques by Kim DH, Vaccaro AR, Fessler RG. Thieme Medical Publishers, New York, NY, 2005.

VISITING PROFESSOR

1. Medical University of South Carolina Division of Neurosurgery, Charleston, South Carolina. November 1998. Minimally and maximally invasive spine surgeries.
2. Oregon Health Sciences University, Department of Neurosurgery Visiting Professor Event, Portland, OR. March-April 2000. Spinal surgery in the new millennium.
3. University of Texas-Southwestern, Department of Neurosurgery Visiting Professor. Dallas, TX. December 2001. Thoracoscopic spinal surgery. Indications for spinal fusion.
4. USC Department of Orthopaedic Surgery. Los Angeles, CA, April 25, 2003. Grand Rounds Series: Complex problems of the cervical-thoracic junction.

5. CINN-Rush Department of Neurosurgery. Chicago, IL, November 13-14, 2003. Grand Rounds: Spinal deformity and the neurosurgeon.
6. UC Davis Department of Neurosurgery. Sacramento, CA, December 9-10, 2003. Spine Conference: Building a multidisciplinary spine center: how to do it. Spinal deformity and the neurosurgeon.
7. Presbyterian/St. Luke's Medical Center, Department of Orthopedics, Denver, CO, March 5, 2004. Invited Speaker: Multilevel cervical decompression and fusion-strut.
8. University of Virginia, Department of Neurosurgery, Charlottesville, VA, September 25, 2004. Kitchin, Drake and Weaver Lectures.
9. Center of Neuroscience Institute. Sacramento, CA, October 20, 2005. Spine Conference: Image guided thoracic spine surgery.
10. University of Tennessee. Chattanooga, TN, November 7, 2005. Department of Orthopedics Grand Rounds: Pedicle subtraction osteotomy for cervical thoracic junction kyphosis.
11. Mount Sinai Department of Neurosurgery, New York, NY February 3-4, 2009. Spine Surgery in the New Millenium.
12. University of California-Irvine, Department of Neurosurgery, Orange, CA. December 16, 2009. Stem Cell Applications in Degenerative Spinal Cord Disorders
13. Stanford University, Department of Neurosurgery, Palo Alto, CA. June 11, 2010. Spine Surgery in the New Millenium.

FELLOWS TRAINED

Jon S. Citow, MD (Illinois NS) 1993-94 (Assoc. Professor NS, University Illinois)
Roland A. Torres, MD (UC Davis NS) 1994-95 (Assoc. Professor NS, Stanford University)
Fernando Silva, MD (Loma Linda NS)1995
Aparva Bhatt, MD (NS) 1995-96
Aaron G. Filler, MD (Washington NS)1995-96 Dept NS, Cedars Sinai Medical Center)
George A. Alsina, MD (Northwestern NS)1996-1997
Laura S. Paré, MD (Montreal Neurologic NS) 1996-1997 (Assoc. Professor NS UC-Irvine)
William Choi, MD (Montreal Neurologic NS 1997) (Asst Professor NS University of Colorado)
Jeffery E. Masciopinto, MD (Wisconsin NS)1997-1998
Kee D. Kim, MD (UC Davis NS) 1997-1998 (Assoc. Professor NS UC-Davis)
Michael S.Hahn, MD (Med Coll NY NS) 1998-1999
Chinyere Obasi, MD (Western Ontario NS)1999-2000
Jon Park, MD (Montreal Neurologic NS)1999-2000 (Assoc. Professor NS, Stanford University)
Neill M. Wright, MD (Wash U NS) 2000-2001 (Assoc. Professor NS, Washington University)
Naresh P. Patel, MD (Mt Sinai NS) 2000-2001 (Assoc. Professor NS, Mayo Clinic)
Jae Lim, MD (UCLA NS) 2000-2001
John K. Stokes, MD (UNC NS) 2001-2002
Paul C. Liu, MD (OS)2001-2002
Alan T. Villavicencio, MD (Duke NS)2001-2002
F. Clifford Roberson, MD (MCV NS) 2001-2002
Darren Bergey, MD (Loma Linda OS) 2002-2003 (Asst. Professor OS, Loma Linda University)
Mark Wolgin, MD (UCLA OS) 2002-2003
Firooz Amjadi, MD (OS) 2002-2003
Ali Abazari, MD (NS) 2002-2003 Chief of Neurosurgery, Kaiser Fontana, CA
Karin Swartz, MD (Wisconsin NS) 2003-2004 (Asst. Professor NS, University of Kentucky)
Saad Khairi, MD (UNC NS) 2003-2004 (Asst Professor NS, University of Indiana)
Chris Lycette, MD (UCLA NS) 2003-2004
Hamid Miraliakbar, MD (OS)2003-2004
S. Craig Meyer, MD (Missouri OS) 2003-2004
Toki Oyelese, MD (Stanford NS) 2004-2005 (Asst. Professor NS, Brown University)
Khawar Siddique, MD (Illinois NS) 2004-2005 (Dept NS, Cedars Sinai Medical Center)
John Hamilton, MD (Henry Ford NS) 2004-2005
Hooman Melamed, MD (Pitt OS) 2004-2005
Brian Perri, DO (Penn State OS) 2004-2005 (Dept Surgery OS, Cedars Sinai Medical Center)
Anthony Hadden, MD (Loma Linda NS) 2005-2006
Tooraj Gravori, MD (UCLA NS) 2005-2006
Edward Rustamzadeh, MD (Minnesota NS) 2005-2006 (Asst.Professor NS, Stanford University)
Mukesh Misra, MD (NS) 2005
Justin Paquette, MD (Tufts NS) 2005-2006
Stepan Kasimian, MD (USC OS) 2005-2006
Eli Baron, MD (Temple NS)2006-2007 (Dept NS, Cedars Sinai Medical Center)
Kevin Ammar, MD (UAB NS) 2006-2007
Ramin Rabbani, MD (Med Coll NY OS) 2006-2007
Samer Ghostine, MD (Loma Linda NS 2006-2007) (Asst Professor NS, UC Irvine)
Curt Freudenberg MD (Colorado OS) 2007-2008
Richard Wupperman MD (Vanderbilt OS) 2007-2008 (Assistant Professor NS, UC Irvine)
Thai "Ty" Thaiyanathan MD (Yale NS)2007-2008
Paul Salinas, MD (Texas-Galveston NS) 2008-2009
Scott Schoeb, MD (Columbia Univ OS) 2008-2009
Terrence Kim, MD (U Maryland OS) 2008-present (Dept Surgery OS, Cedars Sinai Medical Center)
Samer Ghostine, MD (Loma Linda NS) 2008-present (Assistant Professor,NS, UC Irvine)
Stephen Scibelli, MD (Wake Forest NS) 2009-2010

Kamal Woods, MD (Loma Linda NS) 2009-2010 Asst Professor NS, Loma Linda University)
Michael Turner, MD, PhD (Chicago NS 2010-present)
Joseph Hsieh, MD (Chicago NS 2011-present)

INTERNATIONAL FELLOWS TRAINED

William Choi, MD 1995-1997 (Montreal Neurologic Institute, Montreal, Canada)
Laura S. Paré, MD 1996-1997 (Montreal Neurologic Institute, Montreal Canada)
Alfredo Fuentes-Davila MD 1997-1998 (University of Lima, Chief of Neurosurgery, Lima, Peru)
Chinyere Obasi MD, 1999-2000 (University of Western Ontario, London, Ontario)
Jon Park, MD 1999-2000 (Montreal Neurologic Institute, Montreal, Canada)
Nikolay Konovolov MD 2000-2001 (Burdenko Neurosurgical Institute, Moscow, Russia)
Vadim Bikmullin MD 2001-2002 (St Petersburg Neurosurgery Institute, St Petersburg, Russia)

THESIS ADVISOR

Paul Medin, Ph. D candidate, Conferred - 1998
Minimally invasive methods for fractionated treatment of spinal malignancies with LINAC stereotactic radiation therapy.

TECHNICAL CONSULTING

Justin Rodeo Sportsmedicine Neurosurgical Consultant 2008-present

INTERNATIONAL PUBLIC SERVICEVOLUNTEER PROGRAMS

Health Volunteers Overseas – (HVO)-Orthopaedics
October 2008
Sianhouk Hospital
Pnohm Penh, Cambodia

Landstuhl Regional Medical Center (US Army Hospital)
Red Cross Physicians
March 2006 and 2007
Landstuhl, Germany

Foundation for International Education for Neurosurgery (FIENS)
Date October 2005
Trujillo, Peru

Foundation for International Education for Neurosurgery (FIENS)
Date May 2002
Lima, Peru

Foundation for International Education for Neurosurgery (FIENS)
Date May 2002
Arequipa, Peru

Foundation for International Education for Neurosurgery (FIENS)
Date May 2001
Santiago, Chile

Foundation for International Education for Neurosurgery (FIENS)
November 2000
Tegucigalpa, Honduras

Foundation for International Education for Neurosurgery (FIENS)

Date April 2000
St Peterburg, Russia

Foundation for International Education for Neurosurgery (FIENS)
Date Sept 1998
Lima, Peru

Chilean-North American International Spine Course. Santiago, Chile, August 26, 2004. Thoracic and lumbar applications of spinal endoscopy AND Percutaneous transforaminal endoscopic spine surgery.

Congress of Peruvian Neurosurgery. Lima, Peru. November 1-2, 1997. Invited Speaker: Bone Healing and Arthrodesis and Types of Bone Grafts.

Korean Neurological Society. Seoul, Korea. October 16, 1997. Invited Speaker: Stereotactic Spine Surgery.

Sejong University. Seoul, Korea. October 17, 1997. Invited Speaker: Lumbar Spinal Stenosis.

Yonsei University Hospital, Department of Neurosurgery. Seoul, Korea. October 20, 1997. Invited Speaker: Simultaneous anterior and posterior spinal reconstruction.

Chilean Neurosurgical Congress. Vina del Mar, Chile. November 23, 1996. Current Topics in Thoracolumbar Spinal Surgery.

Clinica Las Condes. Santiago, Chile. November 25, 1996. Guest Speaker and Co-Director, Thoracolumbar Spinal Instrumentation Course.

Society of Peruvian Neurosurgery and Society of Peruvian Spinal Surgery. Lima, Peru. August 15-17, 1996. International Course for Surgery of the Spine.

1st Asian-Oceanian International Congress on Skull Base Surgery. Tokyo, Japan. June 19, 1991. Surgical Approach to Clival Chordomas by the Transoral, Median Labiomandibular Glossectomy Approach.

PERSONAL WORK EXPERIENCE

Spine Institute Foundation, President and CEO, Los Angeles, CA 2008-present.

Stem Cell Solutions, Inc. CEO and CMO, Los Angeles, CA, 2006 to present.

JS Rodeo LLC, Co-Owner, Vaughn, MT, 2005-present.

Johnson Brothers Cattle Company, Co-Owner, Lloyd, MT, 1994-present.

Ranch Foreman, ranch work and all-around cowboy, Pinwheel J Ranch, Lloyd, Montana, 1972-1980.

Waiter and Maitre d'Hotel, The Fernwood Inn, Milwaukie, Oregon, 1982-1986.

Research Assistant, Oregon Regional Primate Research Center Reproductive Physiology Laboratory, Oregon Health Sciences University Infertility Laboratory, Portland, Oregon 1981-1983.

Graduate Teaching Assistant, Department of Chemistry, The Citadel, Charleston, SC 1977-78.