

Curriculum Vitae

Nancy E. Epstein M.D.

Date of Birth: December 28, 1950

Education: Barnard College, New York-1968-1972 (B.S.)

Columbia University College of Physicians
and Surgeons-1972-1976 (M.D.)

Post Graduate Training: (1976 – 1977) Internship General Surgery
New York University - Bellevue Medical Center,
New York, New York

(1977 – 1981) Neurosurgical Resident
New York University - Bellevue Medical Center,
New York, New York

Professional Employment: (1982-present) Long Island Neurosurgical
Associates, P.C.

Hospital Appointments: (2005-present) Chief of Neurosurgical Spine and
Education, Winthrop University
Hospital, Mineola, New York

(2003-present) Attending, Division of Neurosurgery
Winthrop University Hospital,
Mineola, New York

(1999-present) Associate Attending, Neurosurgery
Long Island Jewish Medical Center,
New Hyde Park, New York

(1999-present) Assistant Attending Orthopedic
Surgery
Long Island Jewish Medical Center,
New Hyde Park, New York

- (1993-2001) Chief of Division Neurosurgery and
Attending
North Shore University Hospital,
Manhasset, New York
- (1981-1999) Assistant Attending Neurosurgery
Long Island Jewish Medical Center,
New Hyde Park, New York
- (1989 –present) Associate Attending, Neurosurgery
North Shore University Hospital,
Manhasset, New York
- (1981-1989) Assistant Attending, Neurosurgery
North Shore University Hospital,
Manhasset, New York

Academic Appointments:

- (2000–present) Clinical Professor of Neurological
Surgery
The Albert Einstein College of
Medicine, Bronx, NY
- (1990–present) Adjunct Clinical Associate Professor
of Surgery – Neurosurgery
The Cornell University Medical
College, New York, NY
- (1996-present) Adjunct Professor Psychology
Columbia University, New York,
New York
- (1989-1999) Assistant Clinical Professor of
Neurological Surgery
Albert Einstein College of Medicine,
Bronx, NY
- (1989-1990) Adjunct Clinical Assistant Professor
of Surgery – Neurosurgery
The Cornell University Medical
College, New York, New York
- (1990-1996) Adjunct Associate Professor
Psychology
Columbia University, NY, NY

(1982-1990) Assistant Clinical Professor of
Neurosurgery
State University of New York at
Stony Brook, NY

(1981-1990) Clinical Assistant Professor of
Surgery / Neurosurgery
N.Y.U. Medical College, NY, NY

Board Certification:

Diplomate of The American Board of Neurological
Surgeons, May 1984

New York License:

#131881 - August 12,1977

Professional Society Membership:

The American Association of Neurological
Surgeons (AANS)

Joint Section on Disorders of the Spine and
Peripheral Nerves of the AANS

Cervical Spine Research Society

Congress of Neurological Surgeons (CNS)

North American Lumbar Spine Society

New York State Neurosurgical Society

American Medical Association

American Medical Women's Association Inc

Nassau County Medical Society

Barnard College (Columbia University)
Science Advisory Council-2004

Awards and Honors:

First Annual Reviewer's Award
The Spine Journal, North American
Spine Society (NASS) (2005)

President-Cervical Spine Research Society
(2001-2002)

President Elect-Cervical Spine Research Society
(2000-2001)

Vice President Elect-Cervical Spine Research
Society (1999-2000)

Treasurer-Cervical Spine Research Society
(1997-1998)

Long Island Center For Business and Professional
Women, Annual Achiever's Award (1988)

Fellow of the American College of Surgeons
(FACS) (1985)

Fellow of the International College of Surgeons
(FICS) (1984)

Alpha Omega Alpha Society (1975)

Editorial Boards:

The Spine Journal (2000-2003)
Associate Editor (2003-present)

Journal of Spinal Disorders (1990 – present)

Spine (1991–present)
Spine-Advisory Editor (1990)

Neuro-Orthopedics (1995-2000)

Surgical Neurology (2006-present)

Spinal Cord (International Medical Society of
Paraplegia) (1997-present)

Spinal Surgery (Japanese Society of Spinal Surgery)
(1997-present)

Other Professional Activities:

President, The Joseph A. Epstein Neurosurgical
Education Foundation (2003-present)

Committee to Promote Science (Barnard College,

Columbia University) 2004

Chairman and Lecturer in Winthrop University
Hospital Bi-Annual Conference on Neurosurgical
Issues in Spine and Brain 2003-present

Co-Instructor, Columbia University (W3444) Issues
in Mind and Brain: Techniques for non-invasive
assessment of human brain activity with
Prof. Donald Hood, 1991- present

Chair Scientific Program Committee Cervical Spine
Research Society, 1996

Chair: Scientific Program Committee: Joint Section
on Disorders of the Spine and Peripheral Nerves –
American Association of Neurological Surgeons

Congress of Neurological Surgeons, 1991

Newsletter Editor 1990: American Association
Neurological Surgeons-Joint Section on Disorders of
the Spine and Peripheral Nerves

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- Epstein NE**, Benjamin V, Pinto R, Budzilovich G: Benign osteoblastoma of a thoracic vertebra: Case Report. *J Neurosurg*, 53(5): 710-713, 1980
- Epstein NE**, Epstein JA, Benjamin V, Ransohoff J: Traumatic myelopathy in patients with cervical spinal stenosis without fracture or dislocation: Methods of diagnosis, management, and prognosis. *Spine* 6(5): 489-496, 1980
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- Epstein F, **Epstein NE**: Surgical management of “holocord” intramedullary spinal cord astrocytomas in children. *J Neurosurg*, 54(6): 829-832, 1981
- Epstein NE**, Epstein F, Trehan N: Percutaneous placement of the atrial end of a ventriculo-atrial shunt: Technical note. *Neurosurgery*, 9(3): 564-565, 1981
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- Epstein NE**, Epstein F: Total vertex craniectomy for the treatment of scaphocephaly. *Child's Brain*, 9:303-316, 1982.
- Epstein NE**, Whelan M, Benjamin V: Acromegaly and spinal stenosis: A case report. *Neurosurgery*, 10(5): 145-147, 1982
- Epstein NE**, Whelan M, Reede D: Giant cell tumor of the skull: A case report. *Neurosurgery*, 10(5): 263-167, 1982
- Epstein NE**, Epstein F, Allen J: Intractable facial pain associated with ganglioglioma of the cervicomedullary junction: A case report. *Neurosurgery* 10(5): 612-616, 1982
- Epstein NE**, Epstein JA, Carras R, Lavine LS: Degenerative spondylolisthesis with an intact neural arch: A review of 60 cases with an analysis of clinical findings and the development of surgical management. *Neurosurgery*, 13(5): 555-561, 1983
- Epstein NE**, Rosenthal AD, Selman J, Ossipoff M, Hyman R: Moderate grade astrocytoma presenting in a 4 month old child with a family history of Von

Recklinghausen's Neurofibromatosis spanning 4 generations: A case report. *Neurosurgery*, 13(6): 692-694, 1983

Epstein NE, Epstein JA: Lumbar intervertebral disc herniation teenage children: Recognition and management of associated anomalies. *Spine*, 9(4): 427-423,1984

Epstein NE, Epstein JA, Zilhka A: Traumatic myelopathy in a 17 year old child with cervical spinal stenosis (without fracture or dislocation) and a C2-C3 Klippel-Feil fusion: A case report. *Spine*, 9 (4): 344-347,1984

Marcus MG, Atluru VL, **Epstein NE**, Leggiardo RJ: Conservative management of citrobactor diversus meningitis with brain abscesses. *NYS J Med*, 84:252-254,1984

Epstein NE, Epstein JA, Carras R, Vishnubhkat, SM, Hyman R: Co-existing cervical and lumbar spinal stenosis: Diagnosis and management. *Neurosurgery*, 15(4): 489-496, 1984.

Dowling T, Epstein JA, **Epstein NE**: S1-S2 sacral fracture involving the neural elements of the cauda equina: A case report and review of the literature. *Spine*, 10((9): 851-853, 1985.

Epstein NE, Rosenthal AD, Zito J, Ossipoff M: Shunt placement and myelomeningocele repair; Simultaneous vs. sequential shunting: A review of 12 cases. *Child's Nerv System*, 1: 145-147, 1985.

Epstein NE, Epstein JA, Carras R: Unilateral S1 root compression caused by fracture of the sacrum. *Neurosurgery*, 19(6): 1025-1027, 1986

Epstein NE, Epstein JA, Gould R, Hyman RA: Simultaneous occurrence of herniated disc and mesothelial cyst in a 16 year old male. *Child's Nerv System*, 2: 273-276, 1986.

Epstein NE, Epstein JA, Carras R, Hyman RA, Vishnubakhat SM: Far lateral disc herniation: diagnosis and surgical management. *Neuro - Orthopedics* (Springer - Verlag), 1(1): 37-44, 1986.

Epstein NE, Epstein JA, Nardi D, Ossipoff M: Knee -chest position. Correspondence Section. *Neurosurgery*, 20 (23): 503 - 504, 1987.

Epstein NE, Epstein JA, Ossipoff M, Nardi D: Advantages of topical marcaine during spinal surgery: Technical note. *Spine*, 12: 618-619, 1987

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Epstein NE, Sundrani SL, Rosenthal AD: Cerebral metastases from malignant pulmonary fibrotic histiocytoma: A case report. *Pediatric Neuroscience*, 13: 138-14, 1988

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- Epstein NE:** Anterior cervical micro-dural repair of cerebrospinal fluid fistula after surgery for ossification of the posterior longitudinal ligament: Technical Note. *Surgical Neurology* 52: 511-14, 1999
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Epstein NE: The management of 1 level anterior cervical corpectomy with fusion employing Atlantis hybrid plates: preliminary experience. *J Spinal Disord* 13(4): 324-328, 2000

Epstein NE: Simultaneous cervical diffuse idiopathic skeletal hyperostosis and ossification of the posterior longitudinal ligament resulting in dysphagia or myelopathy in two geriatric North Americans. *Surgical Neurology* 53(5): 427-31, 2000

Epstein NE: Identification of ossification of the posterior longitudinal ligament extending through the dura on preoperative CT examination of the cervical spine. *Spine*, 26(2): 182-186, 2001

Epstein NE: From Postsurgical Imaging. Marked Superior and Inferior Migration of a Dynamic Plate After Multilevel Anterior Corpectomy and Fusion with Posterior Wiring. *Spine J.* 1(3): 226, 2001

Epstein NE: Anterior Approaches To Cervical Spondylosis and OPLL: Review of Operative Technique and Assessment of 65 Multilevel Circumferential Procedures. *Surgical Neurol*, 55(6): 313-324, 2001

Epstein NE: Reoperation Rates For Acute Graft Extrusion and Pseudarthrosis Following One Level Anterior Corpectomy and Fusion With and Without Plate Instrumentation: Etiology and Corrective Management. *Surgical Neurology* 56: 73-81, 2001

Epstein NE: From Postsurgical Imaging: Marked superior and inferior migration of a dynamic plate after multilevel anterior corpectomy and fusion with posterior wiring. *The Spine Journal* 1: 226, 2001

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Epstein, NE: In-Vitro Characteristics of Cultured Posterior Longitudinal Ligament Tissue, *Spine* 27(1): 56-58, 2002

Epstein NE: A comparative analysis of plate/graft failure with correction following circumferential cervical spinal surgery, *Spinal Surgery* 16(1): 1-8, 2002

Epstein NE, Silvergleide RS, Black K. Computed Tomography (CT) validating bony ingrowth into fibula strut allograft: A criterion for fusion, *The Spine Journal*, 2: 129-133, 2002

Epstein NE: A review of laminoforaminotomy for the management of lateral and foraminal cervical disc herniations or spurs, *Surgical Neurology* 57(4): 226, 2002

Epstein NE: Posterior approaches in the management of cervical spondylosis and ossification of the posterior longitudinal ligament.” *Surgical Neurology*, 58: 194-207, 2002

Epstein NE: Anterior dynamic plates in complex cervical reconstructive surgeries. *Journal of Spinal Disorders*, 15(3): 221-227, 2002

Epstein NE: Foraminal and far lateral disc herinations: Surgical alternatives and outcome measures. *Spinal Cord* 40: 491-500, 2002

Epstein NE: It’s easier to confuse a jury than convince a judge: the crisis in medical Malpractice. *Spine* 27(22): 2425-2430, 2002

Epstein NE, Dickerman RD: Delayed iliac crest autograft fractures following plated single level anterior corpectomy with fusion. *J Spinal Disord* 15(5): 420-424, 2002

Epstein NE: Can recurrent pain be a signal of delayed autograft strut fracture following anterior cervical surgery? A radiographic correlation. *Spinal Surgery (Japan)* 16(3): 197-205, 2002

Epstein NE: Review article: diagnosis and surgical management of cervical ossification of the posterior longitudinal ligament, *The Spine Journal* 2: 436-449, 2002

Epstein NE: Cervical laminectomy with or without posterior wiring and fusion or laminoplasty for the management of spondylosthenosis and ossification of the posterior longitudinal ligament, *Surgical Neurology*, 58 (3-4): 194-208, 2002

Epstein NE: Ossification of the cervical posterior longitudinal ligament: A review. *Neurosurgical Focus* 13(2): 1-10, 2002

Epstein NE: Anterior cervical dynamic ABC plating with single level corpectomy and fusion in 42 patients. *Spinal Cord*, 41: 153-158, 2003

Epstein NE: An analysis of combined Inductive-Conductive Matrix and autologous bone graft in 61 posterior cervical fusions. *Spinal Surgery* 17(1): 1-6, 2003

Epstein NE: Fixed versus dynamic plate complications following multilevel anterior cervical corpectomy and fusion with posterior stabilization. *Spinal Cord* 41: 379-84, 2003

Epstein NE, Silvergleide RS: Documenting fusion following anterior cervical surgery: A comparison of roentgenogram versus two-dimensional computed tomographic findings. *J Spinal Disorders & Tech* 16(3): 243-7, 2003

Epstein NE: Laminectomy for cervical myelopathy. *Spinal Cord* 41; 317-327, 2003

Epstein NE: Posterior cervical fusion failure in three morbidly obese patients following circumferential surgery. *Surgical Neurology*, 60 (3):205-210, 2003

Epstein NE: Does donor site reconstruction affect postoperative pain following single level anterior corpectomy with fusion? *J Spinal Disord Tech* 16(1):20-26, 2003

Epstein NE: From the Neurointerventional Lab. Intraoperative Cervical Vertebral Artery Injury Treated by Tamponade and Endovascular Coiling. *Spine J.* 2003 Sep-Oct;3(5):404-5.

Epstein NE: Circumferential cervical surgery for Ossification of the Posterior Longitudinal Ligament: A Multianalytic outcome study. *Spine*, 29 (12):1340-1345, 2004

Epstein NE: Lumbar Laminectomy for the Resection of Synovial Cysts and Coexisting Lumbar Spinal Stenosis or Degenerative Spondylolisthesis: An Outcome Study. *Spine* 29(9):1049-55, 2004

Epstein NE, Peller A, Boutros A, DeCrosta D, Schmigelski C, Greco J. "Bloodless" Lumbar Decompressions with Instrumented Fusions: A Preliminary Report of 14 Cases. *Winthrop University Hospital Medical Journal*, 2004

Epstein NE: Lumbar Synovial Cysts: a review of diagnosis, surgical management, and outcome assessment. *J Spinal Disord Tech.* 2004 Aug;17(4):321-5.

Epstein NE, Drexler S, Schneider J. Clear Cell Meningioma of the Cauda Equina in an Adult. A Case Report and Literature Review. *J Spinal Disord and Tech.* *J Spinal Disord Tech.* 2005 Dec; 18(6); 539-43.

Epstein NE. Faces of Spine Care: Case Study: Subdural Cerebrospinal Fluid Fistula: A Late Sequela Following lumbar Laminectomy and Instrumented Fusion. *The Spine Journal* (in press 2004)

Epstein NE. Posterior Cervical Fusion Utilizing A Modified "Screwless" Vertex System A Preliminary Report in 8 Patients. *Spinal Surgery*; 18(2): 63-70, 2004

Epstein NE: Familial Ossification of the Posterior Longitudinal Ligament Found in 4 North American Families. *Spinal Surgery*; 18(2): 57-62, 2004

Epstein NE, Peller A, Koreff J, DeCrosta D, Boutros A, Schmigelski, C, Greco J: Normovolemic Hemodilution: An Effective Method for Limiting Postoperative Transfusion Following Complex Lumbar Spinal Decompression with Instrumented Fusion. *Spinal Surgery* 18(3):179-188, 2004

Epstein NE. Deep Venous Thrombosis and Pulmonary Embolism in Neurosurgery: A Review of the Risks and Benefits of Prophylaxis. *Spinal Surgery* 19(1):1-9. 2005.

Epstein N. From Advanced I Services. Where the Source of Postoperative Headache and Radiculopathy is Revealed. *The Spine Journal* ; 2(3): 249-55, 2005

Epstein NE: From Advanced Imaging. When Epidural Fat is More than Just Epidural Fat. *Spine J*.5(3): 352-3, 2005

Epstein NE. Faces of Spine Care. 2D-CT Documentation of Incorporation of Beta Tricalcium Phosphate Utilized as bone Void Filler in Posterior Iliac Crest Reconstruction and to Supplement Intertransverse Process Fusion. *The Spine Journal* ((in press 2005)

Epstein NE: Efficacy of Combined Beta Tricalcium Phosphate and MacroPore Sheet in Anterior Iliac Crest Reconstruction. *Spinal Surgery* 19(2):103-108, 2005.

Epstein NE: Complications and Outcome in Dynamic Plated Single Level Anterior Corpectomy and Fusion Including Two Level Complete Discectomies. *Spinal Surgery* 19 (3): 5-13, 2005

Epstein NE: "Focal" Laminectomy with Posterior Cervical Fusion. *Winthrop University Hospital Medical Journal.* 27: 433-5, 2005

Epstein NE: A Review Article on the Risks and Benefits of Differing Prophylaxis Regimens for the Treatment of Deep Venous Thrombosis and Pulmonary Embolism in Neurosurgery. *Surgical Neurol* 64(4): 295-301, 2005

Epstein, NE. Intermittent Pneumatic Compression Stocking Prophylaxis Against Deep Venous Thrombosis in Anterior Cervical Surgery: A Prospective Efficacy Study in 200 Patients and Literature Review. *Spine* 15: 30(22): 2538-43, 2005

Epstein NE. Dynamic Anterior Cervical Plates for Multilevel Anterior Corpectomy and Fusion With Simultaneous Posterior Wiring and Fusion: Efficacy and Outcomes. *Spinal Cord* 2005; 44:1-8, 2005

Epstein NE. Retrievable Inferior Vena Cava Filter Embolizes to Right Ventricle/Pulmonary Outflow Tract. *The Spine Journal* 6(1): 94-5, 2006.

Epstein NE; Efficacy of Pneumatic Compression Stocking Prophylaxis in the Prevention of Deep Venous Thrombosis and Pulmonary Embolism Following 139 Lumbar Laminectomies with Instrumented Fusions *Journal Spinal Disord Tech* 19(1): 28-31, 2006

Epstein NE: What Fuses When Dynamic X-rays Document Stability Following Posterior Cervical Fusion? *Spinal Surgery* 2006; 20:1-8.

Epstein NE, Peller A, Korsh J, DeCrosta D, Boutros A, Schmigelski, C, Greco J: Impact of Intraoperative Normovolemic Hemodilution on Transfusion Requirements for 68 Patients Undergoing Lumbar Laminectomies with Instrumented Posterolateral Fusion. *Spine* (in press 2005)

Epstein NE: A Preliminary Study of the Efficacy of Beta Tricalcium Phosphate as a Bone Expander for Instrumented Posterolateral Lumbar Fusions. *J Spinal Disord Tech* 2006; 19(6):424-9.

Epstein NE: Short Form-36 (SF-36) Outcomes Following Focal Cervical Laminectomy With Multilevel Instrumented Fusion, *Surgical Neurology* (in press 2006)

Epstein NE: SF-36 Outcomes and Fusion Rates Following Multilevel Laminectomies and 1-2 Level Instrumented Posterolateral Fusions Utilizing Lamina Autograft and Demineralized Bone Matrix. *Journal Spinal Disord Tech* (in press 2006)

Epstein NE: Fusion Rates and SF36 Outcomes Following Multilevel Laminectomy and Non-Instrumented Lumbar Fusions Utilizing Lamina Autograft and Demineralized Bone Matrix in a Predominantly Geriatric Population. *Spine* (submitted 2006)

Epstein NE: Complication Avoidance in 116 Dynamic-Plated Single Level Anterior Corpectomy and Fusion, *Journal Spinal Disorders Tech* (in press 2006)

Epstein NE: Comparison of Beta Tricalcium Phosphate Versus Demineralized Bone Matrix in Supplementing Iliac Crest Autograft for Posterior Cervical Fusion, *Spinal Surgery [Japan]* (submitted 2006)

Epstein NE: The Frequency and Etiology of Cerebrospinal Fluid Fistulas in 110 Predominantly Geriatric Patients Undergoing Multilevel Laminectomy with Non-Instrumented Fusion. *J Spinal Disord Tech* (submitted 2006)

Epstein NE: Single Level Anterior Discectomy and Fusion Performed Utilizing Dynamic Plates: A Fusion Study, *Surg Neurol* (submitted 2006)

BOOK CHAPTERS AND MAJOR REVIEW ARTICLES

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- Epstein JA, *Epstein NE*: The surgical management of cervical spine stenosis, spondylosis, and myeloradiculopathy by means of the posterior approach. In The Cervical Spine - Second Edition, H. Sherk (ed), J.B. Lippincott Company (pub), New York/Philadelphia, 625-643, 1989
- Epstein JA, *Epstein NE*: Lumbar spinal stenosis. In Surgery of the Spine -A combined Orthopedic and Neurosurgical Approach, GFG Findlay and R. Owens (eds), Blackwell Scientific (pub), Oxford England, Chapter 41: 719-732, 1992
- Epstein NE*: Somatosensory evoked potential monitoring in cervical spine surgery. In Degenerative Disease of the Cervical Spine, Neurosurgical Topics Book Series of the AANS, P Cooper (ed), Robert Wilkins (pub), New York, Chapter 5: 49-72, 1992
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- Epstein NE*, Epstein JA: Lumbar decompression for spinal stenosis; surgical indications and techniques with and without fusion. In The Adult Spine, Principles And Practice - Second Edition, Frymoyer, John W (ed), Lippincott - Raven (pub), Philadelphia, Chapter 97, Vol. II: 2055-2088, 1997
- Epstein NE*: Ossification of the posterior longitudinal ligament. In OPLL: Ossification of the Posterior Longitudinal Ligament, Yonenobu K, Sakou T, Ono K (eds), Springer-Verlag, Tokyo, Japan, 85-93, 1997

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- Epstein NE**: Chapter 168:Surgical management of far lateral lumbar discs. In Operative Neurosurgical Techniques; Indications, Methods, and Results 4th Edition, Schmidek HH (ed), W.B. Saunders Company, Philadelphia, Vol. 2: 2232-2245, 2000
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- Epstein NE**: Chapter 55: Surgery for Far Lateral Lumbar Disc Herniations. In Omurilik ve Omurga Cerrahisi, 1st Edition, M Zileli, A.F. Ozer (Eds), Tpiian A.S., Medikon A.S., p.719-738, 2002
- Epstein NE**: Chapter 294: Lumbar Spinal Stenosis. In Youman's Neurological Surgery, 5th Edition, Richard Winn (ed), W.B. Saunders, Philadelphia PA, Volume 4; 4521-4535, 2004.
- Epstein NE**: Posterior Decompression For Radiculopathy: Laminoforaminotomy. Cervical Spine Surgery Atlas, 2nd Edition, Herkowitz H (ed), Lippincott Williams & Wilkins, Chapter 12:157-166, 2004
- Epstein NE**: Review Article/Lumbar Synovial Cysts, A Review of Diagnosis, Surgical Management, and Outcome Assessment. J Spinal Disorder Tech, Vol 17(4):321-325, August, 2004
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- Epstein NE**: Chapter 76: Myelopathy: Laminectomy, The Cervical Spine, 4th Edition, Clark CC (ed), Lippincott Williams and Wilkins, 1043-1056, 2005
- Epstein NE**, Yonenobu Y. Chapter 52: Ossification of the Posterior Longitudinal Ligament. In Spine Surgery: Techniques, Complication Avoidance, and Management 2nd Edition. Benzel EC (ed), Chrchill Livingsteon (pub). Pg. 729-743, 2005

- Epstein NE:** The diagnosis and surgical management of ossification of the posterior longitudinal ligament. In Principles of Spinal Surgery, Benzel E (ed), McGraw Hill (pub), New York, (in press)
- Epstein NE:** Impact of somatosensory evoked potential monitoring on outcomes in cervical surgery. In Principles of Spinal Surgery, Benzel E (ed), McGraw Hill (pub), New York, (in press)
- Epstein NE:** Intraoperative monitoring for spine surgery (Part A): an aggressive approach to monitoring. In Controversies in Spine Surgery, Benzel E, Zdeblick T, Anderson P, Stillerman C (eds), Chapter 26 (in press)
- Epstein NE:** Circumferential Surgery for ossification of the posterior longitudinal ligament of the cervical spine. In Spine Surgery- Case Studies, Vaccaro AR (ed), Thieme (pub), New York, (in press)
- Epstein NE:** Transthoracic and transabdominal approach to T9-T12 ossification of the posterior longitudinal ligament with herniated disc/stenosis. In Spine Surgery- Case Studies, Vaccaro AR (ed), Thieme (pub), New York, (in press)
- Epstein NE:** Ossification of the posterior longitudinal ligament. In Textbook Of Neurological Surgery, Batjer H, Loftus C (eds), Lippincott-Raven (pub), Philadelphia PA, (in press)
- Epstein NE:** Far lateral and foraminal disc herniations. In Textbook Of Neurological Surgery, Batjer H, Loftus C (eds), Lippincott-Raven (pub), Philadelphia, PA, (in press)
- Epstein NE:** Ossification of the Posterior Longitudinal Ligament of the Cervical Spine, Neurosurgery, 3rd Edition, Rengachary, Zeidman (eds)(in press)
- Epstein NE:** Cervical Myelopathy: Posterior Approach-Laminectomy. In The Spine, 3rd Edition. Rothman and Simeone (ed), Elsevier (pub), Philadelphia, pg.864-876, 2006
- Epstein NE, Epstein JA:** Chapter 168: Far Lateral Lumbar Disc Herniations: Diagnosis and Surgical Management. In Operative Neurosurgical Techniques, 5th Ed., Schmidek, HH, Roberts, DW. Elsevier, 2006, pp.2073-2086
- Epstein NE:** Chapter 2: Ossification of the Posterior Longitudinal Ligament: Posterior Cervical Approach. In Cervical Spine Surgery, Albert TJ, Lee JY, MR Lim (eds. Thieme (pub), 2005 (in press)

INVITED LECTURES/PRESENTATIONS

Traumatic myelopathy in patients with cervical spinal stenosis without fracture or dislocation: Methods of diagnosis, management, and prognosis

@ Annual Resident Trauma Competition, Beekman Downtown Hospital NY, January 1979

Evaluation of 200 patients with spinal cord injuries admitted to the NYU Spinal Cord Injury Center

@ The American Association of Neurological Surgeons, Los Angeles, CA, April 1979

Surgical management of "holocord" intramedullary spinal cord astrocytomas in children

@ The American Association of Neurological surgeons, Boston, MA, April 1979.

Traumatic myelopathy in patients with cervical spinal stenosis without fracture or dislocation: Methods of diagnosis, management, and prognosis

@ The Cervical Spine Research Society, Boston MA, December 1979.

Gastrointestinal bleeding in spinal trauma patients: Effects of steroids, Cimetadine, and Mini-Heparin

@ The New York State Neurosurgical Society, New York NY, March 1981

Management of intramedullary spinal cord tumors in children. Review of 17 Cases

@ The Congress of Neurological Surgeons, Toronto, Canada, April 1982

Review of 23 cases of intramedullary spinal cord tumors in children

@ The American Association of Neurological Surgeons, Honolulu, HI, April 1982

Coexisting cervical and lumbar spinal stenosis: The management and results in patients with operations at both levels

@ The 11th Annual Meeting of the International Society for the Study of The Lumbar Spine, Montreal, Canada, June 3-7, 1984

Combined stenosis of the cervical and lumbar spine - A Management Problem.

@ Advances in Spinal Surgery VI: A Combined Neurosurgical -Orthopedic Advanced Course, Sheraton Bal Harbour, FL, Nov. 25-30, 1984

Cervical spondylostenosis and related disorders in patients over 65: Current management and diagnostic techniques

@ The Cervical Spine Research Society, West Palm Beach, FL, Dec 8-10, 1986

The surgical management of cervical spinal stenosis, spondylosis, and myeloradiculopathy by means of the posterior approach

@ The European Cervical Spine Research Society, Pavia, Italy, June 21-24, 1987

Cervical spondylostenosis and related disorders in patients over 65: Current management and diagnostic techniques and anesthetic techniques for cervical surgery in the seated position

@ The European Cervical Spine Research Society, Pavia, Italy, June 21-24, 1987

Far lateral lumbar disc herniations in 43 patients with emphasis on the value of the myelo-CT in surgical planning

@ The 4th Annual Joint Section on Disorders of the Spine and Peripheral Nerves, AANS/CNS, Phoenix, AZ, Feb 16-20, 1988

Cervical Stenosis

@ The European Cervical Spine Research Society, Hotel Concord, Palm Beach, Marseilles, France June 12-15, 1988

Lumbar Instability

@ The Congress of Neurological Surgeons, Seattle, Washington, Sept. 28, 1988

Limbus Vertebral Fractures

@ The 5th Annual Joint Section on Disorders of the Spine and Peripheral Nerves, AANS/CNS, Cancun Mexico Feb. 11-15, 1989

Lumbar Stenosis: Surgery vs. Non – Surgery

@ The 39th Annual Congress of Neurological Surgeons Atlanta, GA, Oct 28-Nov 2, 1989

Somatosensory evoked potential monitoring in anterior and posterior cervical spine surgery

@ The 17th Annual Cervical Spine Research Society, Westin Canal Palace Hotel, New Orleans LA, Dec 5-8, 1989

Somatosensory evoked potential monitoring in anterior and posterior cervical spine surgery

@ The 6th Annual Joint Section of Disorders of the Spine and Peripheral Nerves, AANS/CNS, Captiva Island, FL, Feb 7-11, 1990

Limbus lumbar vertebral fractures; Experience in the management of 20 patients with a presentation of 2 adults with atypical findings

@ The 16th American Spine Injury Association (ASIA), Florida May 3-5, 1990.

Somatosensory evoked potential monitoring in anterior and posterior cervical spine surgery

@ The 7th Annual European Cervical Spine Research Society, Taormina, Italy, Sept 26-29, 1990

Reduction of cervical surgical morbidity and mortality with intraoperative SSEP monitoring

@ The 7th Annual Joint Section on Disorders of the Spine and Peripheral Nerves,

AANS/CNS, Rancho Mirage, CA, Feb 13-17, 1991

The management of OPLL in 24 North Americans

@ The 19th Cervical Spine Research Society, Philadelphia PA Dec. 4-5, 1991

Lumbar surgery for 56 limbus fractures emphasizing non -calcified Type II lesions

@ The 8th Annual Joint Section on Disorders of the Spine and Peripheral Nerves, AANS/CNS, Miami, FL, Feb. 5-9, 1992

Lumbar stenosis plus experience with 857 patients over 22 years

@ The American Association of Neurological Surgeons, San Francisco, California April 11-16, 1992

OPLL in 24 North Americans treated with anterior vertebrectomy and fusion versus anterior discectomy and fusion and laminectomy

@ The American Association of Neurological Surgeons, San Francisco, CA, April 11-16, 1992

Cervical Spondylosis; clinical analysis and technical refinements

@ The 61st Annual Meeting of the American Association of Neurological Surgeons, Boston, MS, April 24-29, 1993

Lumbar spondylosis and spondylolisthesis; Indications and methods for fusion and instrumentation

@ The 61st Annual Meeting of the American Association of Neurological Surgeons, Boston, MS, April 24-29, 1993

The management of lumbar spondylosis - spondylolisthesis

@ The 43rd Congress of Neurological Surgeons, Van Couver, BC Oct 2-7, 1993.

Ossification of the posterior longitudinal ligament in 90 patients with emphasis on OPLL in evolution (OEV)

@ The 9th Annual Meeting of the Japanese Society Of Spinal Surgery, Tsu City, Japan, June 2-3, 1994

Lumbar spinal stenosis in 857 patients: A 20 year experience

@ The 9th Annual Meeting of the Japanese Society Of Spinal Surgery, Tsu City, Japan, June 2-3, 1994

Anterior versus posterior cervical surgery in 173 patients with emphasis on SSEP monitoring

@ Nagoya University, Nagoya Japan June 4- 5, 1994

Far lateral lumbar disc herniations; operative approaches and outcomes

@ Hokkaido University, Sapporo, Japan June 7-8, 1994

Ossification of the posterior longitudinal ligament (OPLL)

@ The Chaim Sheba Medical Center, Tel-Hashomer, Israel, November 10, 1994

A comparison of different surgical approaches in the management of 170 far lateral disc herniations

@ The 11th Annual Joint Section of the Disorders of the Spine and Peripheral Nerves AANS/CNS, Phoenix, AZ, Feb. 14-18, 1995

Secondary surgery in the management of OPLL

@ The 23rd Annual Cervical Spine Research Society, Santa Fe, NM, Nov 30-Dec 2, 1995

A comparison of surgeon's assessment to patient's self-analysis (SF-36) following far lateral disc surgery

@ The 12th Annual Joint Section on Disorders of the Spine and Peripheral Nerves , AANS/CNS, Lake Buena Vista, FL, Feb. 28- March 2, 1996

"Is OPLL in evolution distinct from classical OPLL?"

@ The 9th Federation of Spine Associations, AAOS, Atlanta, GA, Feb 25, 1996

The relative value of the 3D-CT scan versus flexion and extension radiographs in the diagnosis of postoperative pseudarthrosis

@ The 24th Annual Cervical Spine Research Society, Palm Beach, FL, December 5-7, 1996

"Dural tears and neurological problems associated with cervical spine surgery"

@ The 5th Annual Instructional Course, Cervical Spine Research Society, Palm Beach, FL, December, 1996

Decompression versus fusion for degenerative spondylolisthesis in 320 patients

@ The 13th Annual Joint Section on Disorders of the Spine and Peripheral Nerves, AANS/CNS, February, Newport Beach, CA, February 19-22, 1997

"Cervical spondylotic myelopathy: Surgical management and long term outcomes"

@ The 65th American Association of Neurological Surgeons, Denver, CO, April 12-17, 1997

"Diagnosis and management of foraminal and far lateral lumbar disc herniations"

@ The 65th Annual American Association of Neurological Surgeons, Denver CO, April 12-17, 1997

Anterior cervical surgery without plate instrumentation in 245 patients

@ The 25th Annual Meeting of the Cervical Spine Research Society, Rancho Mirage, CA, December 4 - 6, 1997

"Lumbar stenosis; current treatment and long - term outcome"

@ The 66th Annual American Association Neurological Surgeons, Philadelphia, PA, April 25-30, 1998

“Circumferential surgery in the management of OPLL: elimination of vertebral fractures in 22 plated versus 22 non-plated patients”

@ The 66th American Association Neurological Surgeons, Philadelphia, PA, April 25-30, 1998

Anterior cervical surgery without plate instrumentation in 245 patients

@ The 14th Annual Joint Section on Disorders of the Spine and Peripheral Nerves, AANS/ CNS, Rancho Mirage, CA, February 11-14, 1998

Circumferential surgery for the management of cervical OPLL

@ The 66th Annual American Association Neurological Surgeons, Philadelphia, PA, April 25-30, 1998

Anterior cervical surgery without plate instrumentation in 245 patients

@ The 66th Annual American Association Neurological Surgeons, Philadelphia, PA, April 25-30, 1998

“Anterior cervical surgery without plate instrumentation”

@ The 15th Annual Joint Section on Disorders of the Spine and Peripheral Nerves, AANS/CNS, Buena Vista, FL, February 13 –17, 1999

“Arguments against prophylactic C1-C2 fusion in 43 year old rheumatoid patient”

@ The 26th Annual Meeting of the Cervical Spine Research Society, Atlanta, GA, Dec. 2-5, 1998

“Anterior cervical surgery without plate instrumentation”

@ The 15th Annual Joint Section on Disorders of the Spine and Peripheral Nerves, AANS/CNS, Buena Vista, FL, February 13 –17, 1999

“The value of anterior cervical plating in preventing vertebral fracture and graft extrusion following multilevel anterior cervical corpectomy with posterior wiring/fusion: Indications, results, and complications”

@ Keio University, Tokyo, Japan July 1999

“Circumferential surgery in the management of OPLL: elimination of vertebral fractures in 22 plated versus 22 non-plated patients”

@ The 49th Annual Meeting of the Congress of Neurological Surgeons, Boston, Mass. November 1-4, 1999

Correlation of the inion (posterior occipital protuberance) and the calcarine fissure and its impact on ERG recordings

@ The International Society For Clinical Electrophysiology in Vision (ISCEV) Sidney, Australia, February 2000

Cervical, Thoracic, and Lumbar Surgery, 2nd Annual Course: Issues in Neurosurgery

@ The North Shore-Long Island Jewish Health System, (Chairman, Nancy Epstein M.D.), November 2000

Circumferential surgery for the management of OPLL: Indications, neurodiagnostic evaluation, and surgical management.

@ The Interurban Neurosurgical Society Chicago Illinois (Sponsored by AANS),
March 10, 2000

Diagnosis and management of foraminal and far lateral lumbar disc herniations

@ The 68th American Association of Neurological Surgery, San Francisco,
CA, 2000

Degenerative spondylolisthesis: Controversies in management

@ The 68th Annual American Association of neurological Surgery, San Francisco,
California 2000

Circumferential Cervical Surgery in 57 Patients With OPLL: Clinical Presentation, Diagnosis, and Surgical Management

@ The Interurban Neurosurgical Society, Chicago, IL, March 2000

Surgical Options For The Treatment of Far Lateral Disc Herniations

@ The 68th Annual American Association Neurological Surgeons, San Francisco,
April 2000

Fusion Versus Non Fusion In The Management Of Degenerative Spondylolisthesis

@ The 68th American Association Neurological Surgeons, San Francisco, April 2000

Lumbar Spinal Stenosis

@ The 4th Annual Meeting of the Turkish Neurosurgical Society, Spine Section,
Antalya, Turkey, October 2000

Far Lateral Disc Herniations

@ The 4th Annual Meeting of the Turkish Neurosurgical Society, Spine Section,
Antalya, Turkey October 2000

Lumbar Spinal Stenosis, 3rd Annual Course: Issues in Neuorsurgery,

@ The North Shore-Long Island Jewish Health System, (Chairman-Nancy Epstein
M.D.), November 2000

Can Airway Complications Be Avoided Using A Strict Anesthetic Management Protocol in Circumferential Cervical Surgery For OPLL

@ The Cervical Spine Research Society, Charleston, SC, 2000

Frequency, Clinical Presentation, and Radiographic Findings in OPLL

@ The Cervical Spine Research Society Course, Charlesteon, SC 2000

Anterior Cervical Plating: Comparison of ABC Aesculap Plates, Atlantis Plates, and Orion Plates

@ Aesculap Akademie, Tuttlingen, Germany January 2001

Anterior Cervical Plating: Comparison of ABC Aesculap Plates, Atlantis Plates, and Orion Plates

@ The Greek Orthopedic Conference: Cervical Spondylosis, Athens, Greece, May 2001

Anterior Cervical Plating: Comparison of ABC Aesculap Plates, Atlantis Plates, and Orion Plates

@ The European Cervical Spine Research Society, Turin, Italy, July 2001

Can Airway Complications Be Avoided Using A Strict Anesthetic Management Protocol in Circumferential Cervical Surgery for OPLL

@ The European Cervical Spine Research Society, Turin, Italy July 2001

Cervical spondylotic myelopathy

@ The 51st Congress of Neurological Surgery, San Diego, CA, 2001

It's Easier to Confuse a Jury Than Convince a Judge, Presidential Address

@ The Cervical Spine Research Society, Monterey, CA, 2001

A Comparative Analysis of Plate/Graft Failure With Correction Following Circumferential Cervical Spinal Surgery, Poster

@ The Cervical Spine Research Society, Monterey, California 2001

Graft and Plate Failures Following Circumferential Cervical Surgery in 85 Patients

@ The Cervical Spine Research Society, Monterey, California 2001

The Role of Circumferential Cervical Surgery

@ CSRS Course, Cervical Spine Research Society, Monterey, California 2001

Graft and Plate Failures Following Circumferential Cervical Surgery in 85 patients

@ The Cervical Spine Research Society, Monterey, Federal University of Sao Paulo, Brazil, February, 2002

It's Easier To Confuse A Jury Than Convince A Judge: The Crisis in Medical Malpractice

@ The American Association of Neurological Surgeons, Chicago, IL, 2002

Does iliac crest reconstruction affect postoperative pain following single level anterior corpectomy with fusion? Poster

@ The Cervical Spine Research Society, Miami, Florida December 2002

Does iliac crest reconstruction affect postoperative pain following single level anterior corpectomy with fusion? Poster

@ The Joint Section of Spinal Disorders/AANS, Tampa, FL, March 2003

Can delayed postoperative pain following single level anterior corpectomy and fusion be caused by delayed autograft strut fracture? Poster

@ The Joint Section on Disorders of the Spine and Peripheral Nerves/AANS, Tampa, FL, March 2003

Multilevel Circumferential Surgery in 90 Patients: Successes and Failures Without Plates, and With Fixed and Dynamic Plates

@ Lecture for Spinal Surgery, Nagoya, Japan, April 2003

Fixed Versus Dynamic Plating for One Level Anterior Corpectomy and Fusion

@ Lecture for Spinal Surgery, Nagoya, Japan, April 2003

Dynamic Cervical Plating of One Level Corpectomy/Fusion Poster

@ The Cervical Spine Research Society, Phoenix, AZ, December 2003

Lumbar Laminectomy for the Resection of Synovial Cysts and Co-Existing Lumbar Spinal Stenosis or Degenerative Spondylolisthesis: An Outcome Study,

@ The Joint Section on Disorders of the Spine and Peripheral Nerves/AANS, San Diego, CA, March 2004

Recurrent Lumbar Discs: Decompression Alone Without Fusion

@ The 20th Annual Meeting of the Joint Section on Disorders of the Spine and Peripheral Nerves/AANS, San Diego, CA, March 2004