

ANDREW M. CASDEN, M.D

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CURRICULUM VITAE

HOSPITAL APPOINTMENTS

- | | |
|-------------------------|--|
| 1/2013- Present | Associate Professor of Orthopaedic Surgery
Department of Orthopaedics
Mount Sinai School of Medicine
New York, NY |
| 1/2013-Present | Attending Orthopaedic Spinal Surgeon
Mount Sinai Hospital
New York, NY |
| 1/1999 – 2012 | Assistant Professor of Orthopedic Surgery
Albert Einstein College of Medicine
Bronx, NY |
| 1/1998 – 2012 | Associate Director, Spine Institute
Beth Israel Medical Center
New York, NY |
| 6/1989 – 12/1998 | Chief of Spine Service, Department of Orthopaedics
Mount Sinai Medical Center
New York, NY |
| 7/1989 – 1/1998 | Assistant Professor of Orthopaedic Surgery
Mount Sinai School of Medicine
New York, NY |

1/1994 – 12/1998 Assistant Professor of Neurosurgery
Mount Sinai School of Medicine
New York, NY

EDUCATION

9/1975 – 5/1977 Hamilton College
Clinton, NY

9/1977 – 5/1979 B.A., School of Arts and Sciences
Cornell University
Ithaca, NY

9/1979 – 5/1983 M.D., Cornell University Medical College
New York, NY

POST DOCTORAL TRAINING

7/1983 – 6/1984 Internship
General Surgery
The New York Hospital-Cornell Medical Center
New York, NY

7/1984 – 6/1988 Residency
Orthopaedic Surgery
Hospital for Joint Diseases Orthopaedic Institute
New York, NY

FELLOWSHIP IN SPINE SURGERY

7/1988 – 6/1989 The Chicago Spine Fellowship
Rush Presbyterian - St. Luke's Medical Center
Chicago, Illinois
Ronald L. DeWald, M.D.
Director, Section of Spine Surgery

LICENSE AND CERTIFICATION

License to Practice

7/1984 State of New York
License #158556

Certification

7/1984 Diplomate
National Board of Medical Examiners

1/1991 Diplomate
American Board of Orthopaedic Surgery

1/2002 Recertification
American Board Orthopaedic Surgery

1/2011 Recertification
American Board Orthopaedic Surgery

AWARDS AND HONORS

7/1988 Albert M. Betcher Award presented for
superior service during Orthopaedic Residency
Hospital for Joint Diseases Orthopaedic Institute, New York, NY

6/1992 Physician of the Year
Department of Nursing
Mount Sinai Medical Center, New York, NY

6/2002, 6/2005, 6/2006 Best Doctor In New York
6/2007, 5/2008, 6/2009 Orthopaedic Surgery
6/2011 New York Magazine

2006 America's Top Surgeons
Guide to America's Top Surgeons
Consumers' Research Council of America

1/2010, 2/2011 New York Metro Area Top Doctor
Orthopaedic Surgery
Castle Connolly Medical Ltd.

2011 Top Doctor – 10 years
Orthopaedic Surgery
A New York Metro Area Top Doctor for 10 Years
Castle Connolly Medical Ltd.

OTHER PROFESSIONAL ROLES

2/1993 American Academy of Orthopaedic Surgeons
6/1994 North American Spine Society
5/1995 Scoliosis Research Society – Candidate Fellow
1/1995 – 1/1998 American Academy of Orthopaedic Surgeons
Committee On Evaluations
3/2001 Scoliosis Research Society – Active Fellow

PUBLICATIONS

1. Casden AM, Jaffe FF, Kastenbaum DM, Bonar SF. Osteoarthritis associated with osteopetrosis treated by total knee arthroplasty: Report of a case. Clin Orthop Relat Res 1989 Oct;(247):202-7.
2. Abdelwahab IF, Casden AM, Klein MJ, Spollman A. Chondrosarcoma of a thoracic vertebra. Bull Hosp Jt Dis Orthop Inst 1991 Spring;51(1):34-9. Case Report.
3. Fraser AB, Sen C, Casden AM, Catalano PJ, Post KD. Cervical transdural intramedullary migration of a sublaminar wire: A complication of cervical fixation. Spine 1994 Feb 15;(19)4:456-9. Case Report.
4. Abdelwahab IF, Camins MB, Hermann G, Klein MJ, Mosesson RE, Casden AM. Giant cell tumour of the seventh cervical vertebra. Can Assoc Radiol J 1995 Dec;46(6):454-7. Case Report.
5. Miller S, Casden AM. Spontaneous regression of a herniated disc. A case report with a four year follow-up. Bull Hosp Jt Dis 1998;57(2):99-101.

6. Bartlett CS 3rd, Casden AM, Abdelwahab IF. Calcium pyrophosphate deposition disease mimicking infection in the lumbar spine. *Orthopedics* 1999 Jan;22(1):79-81. Case Report.
7. Hermann G, Abdelwahab F, Casden AM, Mosesson R, Klein MJ. Osteoid osteoma of a cervical vertebral body. *Br J Radiol* 1999 Nov;72(863):1120-3. Case Report.
8. Kokoszka A, Kuflik P, Bitan F, Casden AM, Neuwirth M. Evidence-based review of the role of aprotinin in blood conservation during orthopaedic surgery. *J Bone Joint Surg Am* 2005 May;87(5):1129-36. Review.
9. Wollowick AL, Casden AM, Kuflik PL, Neuwirth MG. Rheumatoid arthritis in the cervical spine: what you need to know. *Am J Orthop* 2007 Aug;36(8):400-6. Review.
10. Gitelman A, Hishmeh S, Morelli BN, Joseph SA Jr, Casden AM, Kuflik P, Neuwirth M, Stephen M. Cauda equine syndrome: a comprehensive review. *Am J Orthop* 2008;Nov;37(11):556-62. Review.
11. Joseph SA Jr, Moreno AP, Brandoff J, Casden AM, Kuflik P, Neuwirth MG. Sagittal plane deformity in the adult patient. *J Am Acad Orthop Surg* 2009 Jun;17(6):378-88. Review.

PEER REVIEWED ORIGINAL CONTRIBUTIONS

1. Neuwirth MG, Drummond DS, Casden AM. Results of interspinous segmental instrumentation in the sagittal plane. *J Spinal Disord* 1993 Feb;6(1):1-4.
2. Lidov M, Stollman A, Casden AM, Som P, Bederson J. MRI of lumbar intradural disc herniation. *Clin Imaging* 1994 Jul-Sep;18(3):173-8.
3. Sen C, Eisenberg M, Casden AM, Sundaresan N, Catalano PJ. Management of the vertebral artery in excision of extradural tumors of the cervical spine. *Neurosurgery* 1995 Jan;36(1):106-15; discussion 115-6.
4. Cohen J, Lee KS, Henry G, Butusova M, Slimbacker AM, Neuwirth MG, Kuflik PL, Casden AM, Bitan FD. Intraoperative arterial line artifact associated with SSEPs and motor evoked potentials. *Am J Electroneurodiagnostic Technol* 1999 Sep;39:165-72.
5. Bitan FB, Neuwirth MG, Kuflik PL, Casden AM, Bloom N, Siddiqui S. The use of short and rigid anterior instrumentation in the treatment of idiopathic thoracolumbar scoliosis: a retrospective review of 24 cases. *Spine* 2002 Jul 15;27(14):1553-7.
6. Tayyab NA, Mariller MM, Rivlin M, Berekashvili K, Bitan FD, Casden AM, Kuflik P, Neuwirth MG. Efficacy of aprotinin as a blood conservation technique for adult deformity spinal surgery: a retrospective study. *Spine* 2008 Jul 15;33(16):1775-81.

7. Joseph SA Jr, Berekashvili K, Mariller MM, Rivlin M, Sharma K, Casden AM, Bitan F, Kuflik P, Neuwirth M. Blood conservation techniques in spinal deformity surgery: a retrospective review of patients refusing blood transfusion. *Spine* 2008 Oct 1;33(21):2310-5.
8. Chiappetta G, Wishnek S, Berekashvili K, Persky M, Casden AM, Kuflik P, Neuwirth M. The complication rate in revision cervical surgery using previous surgical incision: A retrospective study. *Spine J* (Submitted)

BOOKS AND BOOK CHAPTERS

1. Radomisli TE, Oppenheim JS, Casden AM, Camins MB. Benign tumors of the bony spine. In: Menezes AH, Sonntag VKH, editors. *Principles of spinal surgery*. New York: McGraw-Hill; 1996. p. 1387-1400.

INVITED LECTURES/PRESENTATIONS

1. "Interspinous Process Segmental Spinal Instrumentation: A report of the first 73 consecutive cases with up to a three year follow-up." The American Orthopaedic Association Residents' Conference, Los Angeles, CA, May 3, 1986.
2. "Surgical Treatment of Flat Back Deformity, Early Results with Cotrel Dubosset Instrumentation." The Mid-American Orthopaedic Association Meeting, Point Clear, AL, March 29, 1990.
3. "Surgical Treatment of Flat Back Deformity, Early Results with Cotrel Dubosset Instrumentation." The Scoliosis Research Society Meeting, Honolulu, HA, September, 1990.
4. "Surgical Treatment of Flat Back Deformity, Early Results with Cotrel Dubosset Instrumentation." The American Academy of Orthopaedic Surgery Meeting, Anaheim, CA, March, 1991.
5. "Spinal Deformity: What's the Latest?" Grand Rounds, Department of Pediatrics, Mount Sinai Medical Center, New York, NY, October, 1993.
6. "Stabilization of the Cranio-Cervical Junction." Skull Base Surgery Course, Mount Sinai Medical Center, New York, NY, March, 1994.
7. "Management and Grafting of the Vertebral Artery in Patients with Cervical Spine Tumors." American Association of Neurological Surgeons, New York, NY, April, 1994.
8. "Acute Surgical Management of Spinal Cord Injury." Presented at "Acute Care of The Person With Spinal Cord Injury," Mount Sinai Medical Center, New York, NY, November, 1994.

9. "Thoracoscopic and Laparoscopic Surgery of the Spine, A Hands on Course." Course Director, Mount Sinai Medical Center, New York, NY, December, 1997.
10. "The Use of Solid Anterior Instrumentation in the Treatment of Idiopathic Thoraco-Lumbar Scoliosis. A Three-Year Follow-up Study." Bitan F, Neuwirth MG, Kuflik PL, Casden AM, Bloom N, Siddiqui S, Thomas F. Presented at Scoliosis Research Society, 33rd Annual Meeting, 1998.
11. "Spinal Stability and Surgical Management of Spinal Cord Injury." Spinal Cord Injury Review Course. Mount Sinai School of Medicine, New York, NY, 2000.
12. "VAT Spinal Surgery. Basic Concepts, Tips for Success, and Pitfalls to Avoid." Contemporary Insights in Spine Surgery. GICD Meeting, New York, NY, December, 2000.
13. "Bloodless Spinal Surgery, Fact or Fiction?" Blood Conservation, Alternative or Necessity? The New York Academy of Medicine, New York, NY, November, 2001.
14. "Pedicule Screw Fixation of the Thoracic Spine." Course Chairman, Beth Israel Medical Center, New York, NY, October 2002.
15. "Pedicule Screw Fixation of the Thoracic Spine." Course Chairman, Beth Israel Medical Center, New York, NY, October 2003.
16. "Correlation of Discogram Findings with Surgical Outcomes Following Total Disc Replacement." Blecher HD, Bitan FD, Lipp MI, Panigos SA, Casden AM, Kuflik PL, Neuwirth, MG. Presented at Spine Arthroplasty Society Meeting, Austria, March 2004.
17. "Radiographic Parameters Following Total Disc Replacement and Correlation to Patient Satisfaction Measures at Two Years Follow-Up: A Prospective Study." Spine Arthroplasty Society 4 Vienna Austria, May 2004.
18. "Fusion Rates of Patients Treated with rhBMP-2 (Infuse) in Primary Multilevel Posterolateral Lumbar Fusion Surgery." Rivlin M, Mariller MM, Roonprapunt C, Math K, Petchprapa CN, Bitan FD, Casden AM, Neuwirth MG, Kuflik PL. Presented at International Meeting on Advanced Spine Techniques, Athens, Greece, 2006.
19. "Spinal Deformity Surgery in Patients Refusing Blood Transfusion." Sharma KM, Mariller MM, Casden AM, Bitan F, Kuflik PL, Neuwirth MG. Presented to Scoliosis Research Society, Monterey, USA, 2006 and at International Meeting on Advanced Spine Techniques, Athens, Greece, 2006.
20. "Efficacy of Aprotinin as a Blood Conservation Technique for Adult Deformity Spinal Surgery: A Retrospective Study." Tayyab NA, Mariller MM, Rivlin M, Casden AM, Bitan F, Kuflik PL, Neuwirth MG. Presented as oral presentation at International Meeting on Advanced Spine Techniques, MDI. Paradise Islands, Bahamas, 2007 and as e-poster at Scoliosis Research Society, Edinburgh, Scotland, 2007.

21. “Change in Neuroforaminal Dimensions after Lumbar Interbody Fusion.” Brandoff J, Berekashvili K, Subramanian N, Kheyfits V, Math K, Casden AM, Kuflik PL, Neuwirth MG. Presentation as e-poster at 15th International Meeting on Advanced Spine Techniques, Hong Kong, Hong Kong, July 2008.
22. “Incidence of Stress Fracture after Lumbar Fusion.” Joseph SA Jr., Berekashvili K, Casden AM, Kuflik PL, Neuwirth MG. Presentation as e-poster 15th International Meeting on Advanced Spine Techniques, Hong Kong, Hong Kong, July 2008.
23. “Sexual function in Men and Women after Lumbar Fusion Surgery for Low Back Pain.” Morelli B, Wishnek S, Casden AM, Kuflik PL, Neuwirth MG. Presented at the Spine Institute’s 14th Annual Fellows Conference, New York, New York. April 30th 2009.
24. “Change in Neuroforaminal Dimensions after ALIF vs. TLIF.” Cuartas E, Morelli B, Wishnek S, Casden AM, Kuflik PL, Neuwirth MG. Presented at the Spine Institute’s 14th Annual Fellows Conference, New York, New York. April 30th 2009.
25. “Change in Neuroforaminal Dimensions after ALIF vs. TLIF.” Cuartas E, Morelli B, Wishnek S, Casden AM, Kuflik PL, Neuwirth MG. Presented at the International Meeting on Advanced Spine Techniques, Vienna, Austria, July 2009.
26. “Preoperative Vitamin K to Minimize Scoliosis Operative Blood Loss.” Hishmeh S, Wishnek S, Casden AM, Kuflik PL, Neuwirth MG. Presented at the Spine Institute’s 15th Annual Fellows Conference, New York, New York. April 29th 2010.
27. “Effect of BMI on Outcome and Complication Rate after Spine Surgery.” Yaghoobian A, Wishnek S, Casden AM, Kuflik PL, Neuwirth MG. Presented at the Spine Institute’s 16th Annual Fellows Conference, New York, New York. April 28th 2011.
28. “Cases of Lumbosacral Junction: Trials and Tribulations.” Casden AM, Kuflik PL, Neuwirth MG. Presented at the Spine Institute’s 17th Annual Fellows Conference, New York, New York. April 26th 2012.