

CURRICULUM VITAE

Frank J. Tomecek, M.D.

Born: Cleveland, Ohio
Date: July 8, 1961
Address: 6802 S. Olympia Avenue, Suite 300
Tulsa, Oklahoma 74132
Interests: Golf, racquetball, sailing, canoeing, singing, SCUBA diving, bicycling

Education

Franklin Central High School
Indianapolis, Indiana

DePauw University
Greencastle, Indiana 1979-1983

Indiana University 1983-1987

Degrees

Bachelor of Arts (Chemistry) 1983
Doctor of Medicine 1987

Honors

Magna Cum Laude 1983
Phi Eta Sigma Freshman Honor Society 1980
Sigma Xi Scientific Research Society 1980
Alpha Lambda Delta National Honor Society 1983
Alpha Omega Alpha Honor Medical Society 1987
Henry Ford Hospital
House Office Award for teaching excellence
in student medical education 1987

Indiana University
Academic Achievement Award for "Fetal neural
transplantation to the caudate nucleus in a rat
model of Huntington's chorea" 1987

University of Oklahoma College of Medicine, Tulsa
Excellence in Teaching Award 2002

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Certifications

Diplomate of the National Board of Medical Examiners	1988
Diplomate of The American Board of Neurosurgery	1998

Staff and Hospital Positions

Intern in Surgery		
Henry Ford Hospital	July	1987
Detroit, Michigan	June	1988
Resident in Neurosurgery		
Henry Ford Hospital	July	1988
Detroit, Michigan	June	1993
Children's Hospital in Michigan	Oct	1991
Detroit, Michigan	Dec	1991
Neurosurgery Spine Fellowship	Jan	1993
University of Louisville Hospital	Dec	1993
Clinical Assistant Professor of Neurosurgery		1994-present
University of Oklahoma Medical School		
Tulsa Medical College		

Hospital Affiliations

St. John Medical Center	1994 Current
Saint Francis Hospital	1999 Current
Hillcrest Medical Center	1994 Current
Southcrest Medical Center	1999 Current
Jane Phillips Medical Center	1999 Current
Tulsa Spine and Specialty Hospital (Co Founder/Owner)	2002

State Medical Licensure

Oklahoma	18751
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Professional Memberships

Congress of Neurosurgery
American Association of Neurosurgeons
American Medical Association
North American Spine Society
Tulsa County Medical Society
Oklahoma State Medical Association

Leadership Positions/Committees

Chairman of QA Committee of Neurosurgery/Neurology Section	1998-2000
Chairman of Department of Neurosurgery/Neurology	2000-2001
Brain Injury Association of Oklahoma Steering Committee:	
Planned and executed the first BIA-OK Conference	January 24, 1997
Member of the Ad Hoc Spine Surgery Task Force	1994-1995
Member Surgical Products Committee	1998
Member of the Medical Executive Committee	2000-present
Official Reviewer for <u>The Spine Journal</u>	2011-present

Presentations

“Surgical Management of Disabling Transient Ischemic Attacks.” McCormick, P.W., F.J. Tomecek, J. McKinney, J.I. Ausman. Poster in the scientific Program of the American Association of Neurological Surgeons meeting, April 1991, New Orleans, Louisiana.

“Surgical Experience With Basilar Aneurysms From the Vertebrobasilar Junction to the Superior Cerebellar Artery.” Tomecek, F.J., G.M. Malik, J.I. Ausman, Abstract in General Scientific Session of Neurosurgical Society of America meeting, May 1991, San Destin, Florida.

“Cranial Base Surgery for Malignant Tumors: Do the Benefits Outweigh the Risks?” Tomecek, F.J., J.P. Rock, G.M. Malik. Presentation in North American Skull Base Society meeting, February 1992, Acapulco.

“Approaches to Dural Arteriovenous Malformation of the Skull Base and Tentorium.” Malik, G.M., F.J. Tomecek. Poster in scientific program of the North American Skull Base Society meeting, February 1992, Acapulco.

“Craniocerebral Epidermoids and Dermoids: A Review of 32 Cases.” Tomecek, F.J., W. Gormley, G.M. Malik. Poster in the scientific program of the American Association of Neurological Surgeons meeting, April 1992, San Francisco, California.

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Presentations (continued)

“Occurrence of Intracerebral Vascular Malformations: Sporadic or Familial?”
Malik, G.M., F.J. Tomecek, S.I. Abdulrauf. Presentation in the scientific program of the American Association of Neurological Surgeons meeting, April 1992, San Francisco, California.

“Transoral Surgery: A Microsurgical Anatomic Study.” Rock, J.P., F.J. Tomecek, L.M. Ross. Presentation in the scientific program of the American Association of Neurological Surgeons meeting, April 1992, San Francisco, California. Also presented at the Michigan Neurological Surgeons meeting, June 1992, Traverse City, Michigan, and co-winner of the resident award.

“Atypical and Malignant Meningiomas: Clinicopathological Review.”
Mahmood, A., D.V. Caccamo, F.J. Tomecek, G.M. Malik. Poster in the scientific program of the American Association of Neurological Surgeons meeting, April 1993, Boston, Massachusetts.

“Neurosurgical Aspects of Congenital Abnormalities of the Spine.” Grand Rounds for the Department of Pediatrics, St. John Medical Center, February 4, 1995, Tulsa, Oklahoma.

“Current Diagnosis and Treatment of Spinal Disorders.” Green Country Chapter of the American Association of Medical Transcription, St. John Medical Center, May 6, 1995, Tulsa, Oklahoma

“Three-Dimensional Computed Tomography in Pediatric Atlantoaxial Rotatory Subluxation.” Tomecek, F.J. Rocky Mountain Neurosurgical Society Annual Meeting, June 19, 1996, Telluride, Colorado.

“Hydroxyapatite Augmentation of Posterolateral Lumbar Fusions.” Tomecek, F.J., C.M. Boxell, C.G. Covington, K.K. Kugler, D.G. Malone, and R. Cranford. Rocky Mountain Neurosurgical Society Annual Meeting, June 20, 1996, Telluride, Colorado.

“Critical Care Management and Prevention of Secondary Injury. Head Trauma: The Continuum of Care; From Mild to Severe.” Brain Injury of Oklahoma Meeting, September 11, 1998, Tulsa, Oklahoma.

Presentations (continued)

“Post-Traumatic Syringomyelia Presenting as Broken Hardware and Progressive Scoliosis.” 1999 Rocky Mountain Neurosurgical Society 34th Annual Meeting, June 20-24, 1999, Coeur d’ Alene, Idaho.

“Secondary Impact Syndrome.” Pediatric Symposium, Brain Injury Association of Oklahoma meeting, Tomecek, F.J., September 17, 1999, Tulsa, Oklahoma.

“Neural Tube Defects: The Perinatal Impact.” Tomecek, F.J., 20th Annual Perinatal Seminar: Diabetes in Pregnancy: The Perinatal Impact, April 14, 2000, OSU-Tulsa Campus, Tulsa, Oklahoma.

“Prospective Clinical Outcome Study Comparing Single Level Posterior Lumbar Interbody Instrumented Fusion Grafting Techniques: RhBmp vs. Autograft”, Frank J. Tomecek, M.D., Mark S. Adams, M.D., David G. Malone, M.D., Christopher M. Boxell, M.D., Christopher G. Covington, M.D., Tamara L. Nicklas, R.N., B.S.N., Aude A. Chambers. Rocky Mountain Neurosurgical Society Annual Meeting, June 24-28, 2000, Aleyska, Alaska.

“Prospective Radiosurgery in Glioblastomas.” Diane Heaton, M.D., Kenyon K. Kugler, M.D., Nancy Olson, R.N., M.S., Steve Gaede, M.D., Chris Covington, M.D., Frank Tomecek, M.D., F. Willison, M.D. Rocky Mountain Neurosurgical Society Annual Meeting, June 24-28, 2000, Aleyska, Alaska.

“Prevention & Neurosurgical Management of Secondary Impact Concussion.” Frank Tomecek, M.D., Brain Injury Association of Oklahoma, 2001 Pediatric Medical Symposium, September 14, 2001, Tulsa, Oklahoma.

“One Year Experience Using Allostem Allograft in Spinal Fusions: 100 Consecutive Cases” Frank J Tomecek Jr. M.D., North American Spine Society Annual Meeting, November 2-5, 2011 Chicago, Illinois

“Comparison Study of ACDF and Cervical Artificial Disk Surgery” Frank J Tomecek Jr., M.D., Eastern Oklahoma Workers Compensation Claims Adjusters and Paralegals, February 8, 2012

Workshops

Midas Rex Workshop, Traverse City, Michigan, June 1990.

Computerized Image Guided Stereotactic Neurosurgery. Henry Ford Hospital, May 1990, Detroit, Michigan.

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Workshops (continued)

Stealth Station, Principles of Stereotactic Surgery. Memphis, Tennessee, April 1996.

X-Knife Training Program, Radionics. Burlington, Massachusetts, January 13-15, 1997.

Kyphon Inflatable Bone Tamp Technology Course. Springfield, Missouri, December 15, 2003.

Ray Threaded Fusion Cage Surgical Technique Training Workshop. Surgical Dynamics, Inc. March 1, 1997.

BAK Lumbar Interbody Fusion System. Spine Tech, Inc. Tulsa, Oklahoma, May 17, 1997.

Hands-On Workshop and Symposium for MED MicroEndoscopic Discectomy. Medical Education and Research Institute. Memphis, Tennessee, October 15, 1997.

Technique for Percutaneous Electrothermal Treatment of Discogenic Pain. Oratec, Inc. Palo Alto, California, September 1999.

Minimally Invasive Spine Surgery Workshop. Orlando, Florida, August 2-4, 2001.

Kyphon Inflatable Bone Tamp Technology Course, Springfield, Missouri, December 15, 2003.

Charité Artificial Disc Training Program. The Center for Spine Arthroplasty. Cincinnati, Ohio, January 2005.

Dynesis Hands-On Workshop. Basel, Switzerland, February 2006.

Cadaveric Surgical Practice Training Session. Abbott Spine. Las Vegas, Nevada. July 2006.

Intraspinous Process Decompression Using X-STOP Course. St. Francis Medical Technologies. November 2006.

CyberKnife Technical Training Accurays, Sunnyvale, California, May 2008, Oklahoma City, Oklahoma, June 2008.

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Workshops (continued)

CyberKnife Training, Oklahoma City, Oklahoma, June 11, 2008, and June 12, 2008.

Advanced Cervical Solutions with ProDisc-C Training, Synthes Spine, August 2008.

DLIF with Medtronic Training, Medtronic, April 2009

Publications and Papers

Tomecek, F.J., J.I. Ausman, and G.M. Malik. "Surgical Removal of Metastatic Renal Adenocarcinoma to the Midbrain Tectum: A Case Report." Henry Ford Hospital Medical Journal, 38:72-75, 1990.

Ausman, J.I., F. Diaz, G.M. Malik, and F.J. Tomecek. "A New Microsurgical Approach to Cerebrovascular Lesions of the Sylvian Point: Report of Two Cases." Surgical Neurology, 34:48-51, 1990.

Malik, G.M., and F.J. Tomecek. "Spinal Cord Meningiomas." Contemporary Neurosurgery, Volume 13, 3:1-6, 1991.

Malik, G.M., F.J. Tomecek, H.H. Schmidek, and W.P. Sanders. "Spinal Meningiomas in Schmidek HH (ed)." Meningiomas and Their Surgical Management. Orlando. W.B. Saunders, pp. 311-323, 1991.

Basso, A.J., A. Carrizo, A. Kreutal, F.J. Tomecek. "Primary Intraorbital Meningiomas in Schmidek HH (ed)." Meningiomas and Their Surgical Management. Orlando. W.B. Saunders, pp. 311-323, 1991.

McCormick, P.W., F.J. Tomecek, J.I. Ausman. "Disabling Transient Ischemic Attacks." Journal Of Neurosurgery, 75:891-901, 1991.

Ausman, J.I., G.M. Malik, F.J. Tomecek, J.R. Adamson, G. Balakrishnan, J. Serwin, J.W. Lewis, and G. Economopoulos. "Hypothermic Circulatory Arrest and the Management of Giant and Large Cerebral Aneurysms." Surgical Neurology, 1993: 40:289-298.

Tomecek, F.J., J.K. Morgan. "Ophthalmoplegia with Bilateral Ptosis Secondary to Midbrain Hemorrhage: A Case with Clinical and Radiological Correlation." Surgical Neurology, 1994; 41:131-36.

Tomecek, F.J., "Book Review of Cranial MRI: A Teaching File Approach." J.H. Bises (author). Accepted for publication, Neurological Research.

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Publications and Papers (continued)

J.P. Rock, F.J. Tomecek, L.M. Ross. "Transoral Surgery: A Microsurgical Anatomic Study." Journal of Skull Base Surgery, July 1993: Volume 3, #3, pp. 109-116.

Gormley, W.B., F.J. Tomecek, P. Qureshi, and G.M. Malik. "Craniocerebral Epidermoid and Dermoid Tumors: A Review of 32 Cases." Acta Neurochirurgica (Wein) 1994; 128:115-121. Printed in Austria.

Tomecek, F.J., C.B. Shields. "Lumbar Spondylosis: Spinal and Lateral Recess Stenosis in Tindall G. (ed)." The Practice of Neurosurgery, Baltimore, Williams & Wilkins, pp. 2489-2519, 1996.

Mahmood, A., D.V. Caccamo, F.J. Tomecek, and G.M. Malik. "Atypical and Malignant Meningiomas: Clinicopathological Review." Neurosurgery, December 1993: Volume 33, #6, pp. 955-963.

Malone, D.G., F.J. Tomecek, C.M. Boxell, S.E. Gaede, K. Kugler, C. Covington, W. Yarde, N.G. Baldwin. "Cervical Myelopathy and Radiculopathy Worsened by Spinal Manipulative Therapy." Abstract published in Journal of Neurosurgery, 86:416A-417A, 1997.

Shields, C.B., C.M. Boxell, F.J. Tomecek, S. Pelofsky. "Preoperative Imaging for Thoracic and Lumbar Spine Surgery." Benezel E.C. (ed). Spine Surgery: Techniques, Complication Avoidance and Management, Churchill Livingstone; New York; pp. 1187-1220, 1999.

Frank J. Tomecek, M.D., C. Scott Anthony, D.O., Christopher Boxell, M.D., and Jennifer Warren, C.N.S. "Discography Interpretation and Techniques in the Lumbar Spine." Neurosurg. Focus 13 (2): Article 13, August 2002.

Contributing Author "Preoperative Imaging for Thoracic and Lumbar Spine Surgery, Chapter 131, pp. 1734-1764 (Christopher B. Shields, Christopher M. Boxell, Frank J. Tomecek, and Stanley Pelofsky) in Spine Surgery: Techniques, Complication Avoidance, and Management, Second Edition, Churchill-Livingstone, Philadelphia, 2005.

Frank J Tomecek, M.D. "Commentary: Surgery for Nonambulatory Patients With Epidural Spinal Metastasis: Is it Evidence Based and Cost Effective?" The Spine Journal pp: 1024-1026 November 2011

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FDA IDE Studies

Chief Investigator: IDE #G940127 "A Non-Randomized Prospective, Controlled Clinical Investigation of the NOVUS tm LC Interbody Fusion in Patients with Symptomatic Degenerative Disc Disease."

Chief Investigator: IDE #G980306 "A Prospective Randomized Clinical Investigation of Recombinant Human Bone Morphogenetic Protein-2 and Absorbable Collagen Sponge with the NOVUS tm LC Device (LC) for Posterior Lumbar Interbody Fusion in Patients with Degenerative Disc Disease."

Sub-Investigator: IDE #G050212 "A Multi-Center, Prospective, Randomized, Controlled Clinical Trial Comparing the Safety and Effectiveness of the Mobi-C Prosthesis to Conventional Anterior Cervical Discectomy and Fusion in the Treatment of Symptomatic Degenerative Disc Disease (DDD) in the Cervical Spine." LDR Mobi-C device Sub-investigator, 2007-current.