

UPDATED MAY 2019

INVITED ORAL PRESENTATIONS:

March 15, 2019

***Crossing the cervico-thoracic junction after posterior decompression and fusion.
Is it necessary?***

With Islam Fayed, MD AANS Spine Section Meeting, Miami FL

March 15, 2019

***Perioperative complications comparing minimally invasive to open surgery for
elective degenerative lumbar disease. A retrospective single center experience of
1435 cases ?***

With Marcelle Altshuler AANS Spine Section Meeting, Miami FL

October 23, 2018

Minimally invasive transforaminal lumbar interbody fusion

Chairman, Fundamentals of the Lumbar Spine Course, Swiss Foundation for
Innovation and Training in Surgery, Geneva, Switzerland

October 22, 2018

Degeneration of the lumbar spine

Chairman, Fundamentals of the Lumbar Spine Course, Swiss Foundation for
Innovation and Training in Surgery, Geneva, Switzerland

September 8, 2017

***Does the use of tubular retractors reduce the infection rate for lumbar spine
pathology? A single center experience of more than 1000 surgeries***

Neurosurgery Association of Argentina, Catholic University of Argentina, Buenos
Aires, Argentina

September 8, 2017

Facet-sparing contralateral approaches for lumbar spine pathology: Can fusion be avoided?

Neurosurgery Association of Argentina, Catholic University of Argentina, Buenos Aires, Argentina

September 8, 2017

Evaluation of retraction time as a predictor of postoperative motor dysfunction after minimally invasive transpsoas fusion at L4-5

Neurosurgery Association of Argentina, Catholic University of Argentina, Buenos Aires, Argentina

April 23, 2017

Percutaneous Transfacet Screw Insertion: Indications, Technique and Complication Avoidance

Practical Clinic: Alternatives to Transpedicular Approaches to Achieving Arthrodesis, American Association of Neurological Surgeons, Los Angeles, CA

December 16-17, 2016

Percutaneous “K-wireless” pedicle screw instrumentation

10th New York City Minimally Invasive Spine and Navigation Course, Cornell University, NY, NY

April 30, 2016

Percutaneous Transfacet Screw Insertion: Indications, Technique and Complication Avoidance

Practical Clinic: Transfacet Technology, An Alternative to Pedicle Screw Fixation with Interbody Techniques, American Association of Neurological Surgeons, Chicago, IL

November 12, 2015

Percutaneous “K-wireless” pedicle screw fixation: A technique analysis of 100 screws with assessment of procedure time, radiation exposure and accuracy
Spineart Academy, Pompeu Fabra University, Barcelona, Spain

October 18, 2014

Cervical Microendoscopic Foraminotomy
Minimally Invasive Spinal Surgery, Practical Course, Congress of Neurological Surgeons, Boston, MA

September 17, 2014

Minimally Invasive Spine Surgery
Grand Rounds, Medstar Southern Maryland Hospital, Clinton, MD

June 14, 2014

General Symposium: Minimally Invasive Fusion
Moderator, World Congress of Minimally Invasive Spine Surgery and Techniques, Paris, France.

June 12, 2014

General Symposium: Dynamic Stabilization
Moderator, World Congress of Minimally Invasive Spine Surgery and Techniques, Paris, France.

June 12, 14

Percutaneous “K-wireless” pedicle screw fixation: A technique analysis of 100 screws with assessment of procedure time, radiation exposure and accuracy.
World Congress of Minimally Invasive Spine Surgery and Techniques, Paris, France

June 11, 2014

Complications associated with minimally invasive lateral interbody fusion: an analysis of 300 cases.

World Congress of Minimally Invasive Spine Surgery and Techniques, Paris, France.

April 5, 2014

Percutaneous Transfacet Screw Insertion: Indications, Technique and Complication Avoidance.

Practical Clinic: Transfacet Technology, An Alternative to Pedicle Screw Fixation with Interbody Techniques, American Association of Neurological Surgeons, San Francisco, CA

February 21, 2014

Minimally Invasive Treatment of Lumbar Stenosis.

An Update on the Treatment of Neurological Disorders, Center for Neuroscience at Calvert Memorial Hospital with Medstar Georgetown University Hospital, Chesapeake Beach, MD

October 19, 2013

Cervical Microendoscopic Foraminotomy.

Minimally Invasive Spinal Surgery, Practical Course, Congress of Neurological Surgeons, San Francisco, CA

June 6 and 7, 2013

Minimally Invasive K-wireless Percutaneous Pedicle Screw Instrumentation.

Spineart Academy, University of Hamburg, Hamburg, Germany

April 28, 2013

Percutaneous Transfacet Screw Insertion: Indications, Technique and Complication Avoidance.

Practical Clinic: Transfacet Technology, An Alternative to Pedicle Screw Fixation with Interbody Techniques. American Association of Neurological Surgeons, New Orleans, LA

March 1, 2013

Percutaneous Transfacet Screw Insertion: Indications, Technique and Complication Avoidance.

13th Annual Congress of Spinal Surgery, Sao Paulo, Brazil

November 17, 2012

Minimally Invasive K-wireless Percutaneous Pedicle Screw Instrumentation.

Chinese Orthopaedic Association Annual Meeting, Beijing, China

October 19, 2012

Percutaneous Transfacet Screw Insertion: Indications, Technique and Complication Avoidance.

Minimally Invasive Spinal Surgery Workshop, University of Sao Paulo in Ribeirao Preto, Brazil

October 4, 2012

***Minimally Invasive Approaches to the Treatment of Low Back Pain
Posterior Approach: TLIF and PLIF.***

World Federation of Neurosurgical Societies, Spine Committee, Second Bi-Annual Conference, Jointly sponsored by the Congress of Neurological Surgeons, Chicago, IL

August 17, 2012

New Technology Symposium, Round Table Discussion

Third World Congress of Minimally Invasive Spine Surgery and Techniques
WCMISST, Praia do Forte, Brazil

August 17, 2012

***Percutaneous Transfacet Screw Placement in the Lateral Decubitus Position
after Extreme Lateral Lumbar Interbody Fusion.***

New Technology Symposium, Third World Congress of Minimally Invasive Spine
Surgery and Techniques, WCMISST, Praia do Forte, Brazil

August 17, 2012

***Percutaneous Transfacet Screw Insertion: Indications, Technique and
Complicatiion Avoidance.***

Third World Congress of Minimally Invasive Spine Surgery and Techniques
WCMISST, Praia do Forte, Brazil

June 15, 2012

***Percutaneous Transfacet Screw Insertion: Indications, Technique and
Complicatiion Avoidance.***

Minimally Invasive Spinal Surgery Workshop, University of Sao Paulo in Ribeirao
Preto, Brazil

March 15, 2012

Percutaneous Transfacet Screw Insertion: Indications, Technique and Complication Avoidance.

12th Brazilian Congress of Spinal Surgery, Sao Paulo, Brazil

November 18, 2011

Complex Minimally Invasive Spine Cases.

Techniques in Minimally Invasive Spine Surgery, New Orleans, LA

October 2, 2011

Cervical Microendoscopic Foraminotomy.

Minimally Invasive Spinal Surgery, Practical Course, Congress of Neurological Surgeons, Washington, D.C.

October 1, 2011

Biomechanics of the Normal Cranio-Cervical and Atlanto-axial Junction.

Ehlers-Danlos Syndrome Colloquium sponsored by the Chiari and Syringomyelia Foundation, Washington, D.C.

April 9, 2011

Cervical Microendoscopic Foraminotomy.

Current Techniques and Approaches to MIS Spine Surgery,
Practical Seminar, American Association of Neurological Surgeons, Denver, CO

BOOK CHAPTERS:

Voyadzis J. Minimally invasive transforaminal lumbar interbody fusion with percutaneous pedicle screw instrumentation. The Masters of Neurosurgery-Hall of Fame, In preparation.

Spitz S, Syed H, **Voyadzis J.** The lateral transpoas approach versus ALIF: Do the risks of lateral interbody fusion outweigh the benefits compared to anterior lumbar interbody fusion? In: Vaccaro A, Fessler RG, Sandhu FA, **Voyadzis J**, Kepler CK. Controversies in Spine Surgery: Best Evidence Recommendations, MIS vs OPEN, New York: Thieme. 2018.

Rice RA, Felbaum D, **Voyadzis J.** Costotransversectomy. In: Fessler RG, Sekhar L, eds. Atlas of Neurosurgical Techniques, 2nd Edition, New York: Thieme, February 2016.

Feigenbaum F, **Voyadzis J**, Henderson FC. Tarlov Cysts. In: Benzel E, ed. Spine Surgery: Techniques, Complication Avoidance and Management, 4th Edition. Philadelphia: Elsevier Saunders; 2016.

Syed H, **Voyadzis J.** Percutaneous lumbar transfacet screw fixation. In: Landriel F, Vecchi E, Gonzalvo , eds. Frontiers in Neurosurgery, Video Atlas of Surgical Techniques. Bentham Science. Ebook published online 2016.

Rhee J, **Voyadzis J.** Anterior cervical discectomy and fusion. In: Kim D, Vaccaro A, Dickman, C, eds. Surgical Anatomy and Techniques of the Spine, 2nd Edition. Elsevier Saunders; 2013.

Saratsis AL, Sandhu FA, **Voyadzis J.** Minimally Invasive Lumbar Discectomy. In: Sandhu FA, **Voyadzis J**, Fessler RG, eds. Decision Making for Minimally Invasive Spine Surgery. New York: Thieme; 2011; 63-72.

O'Toole JE, **Voyadzis J**, Gala VC. Posterior Minimally Invasive Cervical Foraminotomy and Laminectomy. In: Sandhu FA, **Voyadzis J**, Fessler RG, eds. Decision Making for Minimally Invasive Spine Surgery. New York: Thieme; 2011; 3-17.

Subbaiah, S, Fessler RG, **Voyadzis J**, Sandhu FA. Minimally Invasive Lumbar Laminectomy for Stenosis.

In: Sandhu FA, **Voyadzis J**, Fessler RG, eds. Decision Making for Minimally Invasive Spine Surgery. New York: Thieme; 2011; 75-88.

Anaizi AN, Sandhu FA, **Voyadzis J**. Minimally Invasive Lumbar Interbody Fusion: Choosing Between Approaches.

In: Sandhu FA, **Voyadzis J**, Fessler RG, eds. Decision Making for Minimally Invasive Spine Surgery. New York: Thieme; 2011; 133-146.

Gala VC, O'Toole JE, **Voyadzis J**, Fessler RG. Posterior Minimally-Invasive Approaches for the Cervical Spine.

In: D Samartzis, FH Shen, DG Anderson, eds. Orthopedic Clinics of North America. Philadelphia: Elsevier, 2007.

Voyadzis J, Gala VC, Fessler RG. Descompresión microendoscópica en estenosis lumbar (Microendoscopic Decompression for Lumbar Stenosis).

In: C Gagliardi, GF Molina, LM Cuello, eds. Técnicas Actuales en Neurocirugía Endoscópica (Endoscopic Neurosurgery), Ediciones de la Guadalupe, 2007.

Gala VC, **Voyadzis J**, Kim D, Asir A, Fessler RG. Spinal Cord Trauma

In: WG Bradley, RB Daroff, GM Fenichel, J Jankovic, eds. Neurology in Clinical Practice, 5th Edition. Philadelphia: Elsevier, 2007.

SELECTED JOURNAL ARTICLES:

Stewart JJ, Fayed I, Henault S, Kalantar B, **Voyadzis J**. Use of a smartphone application for spine surgery improves patient adherence with preoperative instructions and decreases last-minute surgery cancelations. *Cureus*, March 2019.

Fayed I, Conte AG, **Voyadzis J**. Success and failure of percutaneous minimally invasive direct pars repair. Analysis of fracture morphology. *World Neurosurg* March 12, 2019.

Mueller K, McGowan J, Kane S, **Voyadzis J**. Evaluation of retraction time as a predictor of postoperative motor dysfunction after minimally invasive transpoas interbody fusion at L4-L5. *Journal of Clinical Neuroscience*. March; 61:124-129, 2019

Repka MC, Lei S, Campbell L, Suy S, **Voyadzis JM**, Kalhorn C, McGrail K, Jean W, Subramaniam DS, Lischalk JW, Collins SP, Collins BT. Long-Term Outcomes Following Conventionally Fractionated Stereotactic Boost of High-Grade Gliomas in Close Proximity to Critical Organs at Risk. *Frontiers in Oncology*. September 11, 2018.

Mueller K, Zhao D, Johnson O, Sandhu FA, **Voyadzis J**. The difference in surgical site infection rates between open and minimally invasive spine surgery for degenerative lumbar pathology: a retrospective single center experience of 1,442 cases. *Operative Neurosurgery*. August 9, 2018.

Felbaum DR, Stewart JJ, Anaizi A, Sandhu FA, Nair N, **Voyadzis J**. Implementation and Evaluation of a Smartphone Application for the Perioperative Care of Neurosurgery Patients at an Academic Medical Center: Implications for Patient Satisfaction, Surgery Cancelations and Readmissions. *Operative Neurosurgery*. May 25, 2017.

Felbaum DR, Mueller K, Anaizi A, Mason RB, Jean WC, **Voyadzis J**. Preservation of the Myofascial Cuff During Posterior Fossa Surgery to Reduce the Rate of Pseudomeningocele Formation and Cerebrospinal Fluid Leak: A Technical Note. *Cureus*. 2016 Dec 28;8(12):e946.

Felbaum D, Lajtha O, Syed H, **Voyadzis J**. Percutaneous lumbar transfacet screw fixation: A technique analysis of 176 screws in 83 patients with assessment of radiographic accuracy and complications. *Operative Neurosurgery*. 12(4), 340-349, 2016.

Balamurali G, Gala V, **Voyadzis J**, Rosen D, Burks A, Rice, L, Fessler R. Presence of undiagnosed cervical myelopathy in patients referred for surgical evaluation of lumbar stenosis. *The Journal of Spinal Surgery*. 3 (2), 29-33, 2016.

Gopalakrishnan B, Kothari, AR, Anaizi, AN, **Voyadzis J**, O'Toole J , Fessler RG. Minimally invasive techniques for the treatment of primary spinal column lesions. *The Journal of Spinal Surgery*. 2 (4), 132-140, 2015.

Lischalk JW. Oermann, E, Collins SP, Nair MN, Nayar VV, **Voyadzis J**, Rudra S, Unger K, Collins BT. Five-fraction stereotactic radiosurgery (SRS) for single inoperable high risk non small cell lung cancer (NSCLC) metastases. *Radiat Oncol*, Oct 26, 2015.

Syed H, **Voyadzis J**. True percutaneous transforaminal lumbar interbody fusion: Case illustrations, surgical technique and limitations. *J Neurol Surg A Cent Eur Neurosurg*. Aug 20, 2015.

Rhee J, Petteys RJ, Anaizi A, Sandhu FA, **Voyadzis J**. Prospective Evaluation of one-year outcomes in single level percutaneous lumbar transfacet screw fixation the lateral decubitus position following lateral transpsoas interbody fusion. *Eur Spine J*. April 18, 2015.

Spitz, S, Sandhu FA, **Voyadzis J**. Percutaneous “K-wireless” pedicle screw fixation: A technique evaluation of the initial experience with 100 screws with assessment of accuracy, radiation exposure and procedure time. *J of Neurosurg Spine*. April; 22(4): 422-31, 2015.

McGowan J, Ryan J, **Voyadzis J**. Treating cervical radiculopathy for a one-level disc herniation with posterior cervical foraminotomy. *Seminars in Spine Surgery*, Vol 26, Issue 3, p 148-153, 2015.

Anaizi AN, Kalhorn C, McCullough M, **Voyadzis JM**, Sandhu FA. Thoracic spine localization using preoperative placement of fiducial markers and subsequent CT. A technical report. *J Neurol Surg A Cent Eur Neurosurg* July 21, 2014.

Voyadzis J, Felbaum D, Rhee J. “The rising psoas sign”: An analysis of preoperative imaging characteristics of aborted minimally invasive lateral interbody fusion cases at L4-5. Report of 3 cases. *J of Neurosurg Spine*, May; 20(5): 531-7, 2014.

Petteys R, Rhee J, **Voyadzis J**. Two-level minimally invasive transforaminal lumbar interbody fusion. Surgical technique and illustrative cases. *Min Invasive Surgery*, July 28, 2013.

Adkins D, Sandhu FA, **Voyadzis J**. Minimally invasive lateral approach to the thoracolumbar junction: operative technique and illustrative case series. *J of Clin Neurosci*, Sept; 20 (9): 1289-94, 2013.

Voyadzis J, Anaizi AN. Minimally invasive lumbar transfacet screw placement in the lateral decubitus position following extreme lateral interbody fusion: a technique and feasibility study. *J Spinal Disord Tech* April 26(2): 98-106, 2013.

Rhee J, Anaizi AN, Sandhu FA, **Voyadzis J**. Minimally invasive resection of lumbar synovial cysts from a contralateral approach. Report of 2 cases. *J of Neurosurg Spine*, 17 (5): 453-8, Sep 21, 2012.

Gill, B, Oermann E, Ju A, Suy S, Yu X, Rabin J, Kalhorn C, Nair N, **Voyadzis J**, Unger K, Collins SP, Harter KW, Collins BT. Fiducial-free Cyberknife stereotactic body radiation therapy for single vertebral body metastases: acceptable local control and normal tissue tolerance with five-fraction approach. *Frontiers in Oncology*. April 30, 2012.

O'Brien C, Saratsis A, **Voyadzis J**. Granulocytic sarcoma in a patient with blast crisis mimicking a chronic subdural hematoma. *J Clin Oncol* May 9, 2011.

Voyadzis J. The learning curve in minimally invasive spinal surgery. *Seminars in Spine Surgery* 23 (1): 9-13, 2011.

Voyadzis J, Gala VC, Sandhu FA, Fessler RG. Minimally invasive approach for far lateral disc herniations: Results from 20 patients. *Minimally Invasive Neurosurgery* 53 (3): 122-6, 2010.

Ogden A, Eichholz KM, O'Toole JE, Smith J, Gala VC, **Voyadzis J**, Sugimoto K, Song J, Fessler RG. Cadaveric evaluation of minimally invasive posterolateral thoracic corpectomy: a comparison of three approaches. *J Spinal Disord Tech* 22(7): 524-529, 2009.

Voyadzis J, Gala VC, O'Toole JE, Eichholz KM, Fessler RG. Minimally invasive posterior osteotomies. *Neurosurgery* 63 (3 Suppl): 204-210, 2008.

Voyadzis J, Panicker H, McGrail K. Kernohan's phenomenon, resulting from a traumatic left acute subdural hematoma. *Applied Radiology Online* 36 (1), January 2007.

Degen JW, Gagnon GJ, **Voyadzis J**, McRae DA, Lundsden M, Henderson FC. Improved pain control and quality of life after treatment of spinal tumors with Cyberknife® stereotactic radiosurgery. *J. of Neurosurgery Spine* 2(5):540-549, 2005.

Voyadzis J, Guttman-Bauman I, Santi M, Cogen P. Hypothalamic Hamartoma Secreting Corticotropin-Releasing Hormone. Case report. *J. of Neurosurg Pediatrics* 100 (2 Suppl): 212-216, 2004.

Voyadzis, J, Bhargava P, Henderson FC. Tarlov Cysts: A Study of 10 Cases with Review of the Literature. *J. of Neurosurg (Spine 1)* 95: 25-32, 2001.

EDITORIAL ACTIVITY:

Vaccaro A, Fessler RG, Sandhu FA, **Voyadzis J**, Eck, JC, Kepler CK. *Controversies in Spine Surgery: Best Evidence Recommendations, MIS vs OPEN*, New York: Thieme, 2018.

Neurosurgery. Reviewer. December 2014-present

International Scientific Collaborator of the III World Congress of Minimally Invasive Spine Surgery and Techniques (III WCMISS) August 16-18, 2012 Praia do Forte, Brazil

Sandhu FA, **Voyadzis J**, Fessler RG, editors. *Decision Making for Minimally Invasive Spine Surgery*. New York: Thieme, 2011.

ABSTRACTS:

Altshuler M, Mueller K, MacConnell A, Wirth P, Sandhu FA, **Voyadzis J**. Does minimally invasive spine surgery reduce the rate of postoperative deep venous thrombosis, pulmonary embolism, pneumonia or urinary tract infection? A retrospective single center experience of 1435 cases, *AANS, San Diego, CA, 2019*

Altshuler M, Mueller K, MacConnell A, Wirth P, Sandhu FA, **Voyadzis J**. The need for revision surgery following minimally invasive versus open surgery for degenerative lumbar pathology. *AANS, San Diego, CA, 2019*.

Fayed I, Cobourn K, Altshuler M, Keating G, Spitz S, Anaizi A, Nair N, **Voyadzis J**, Sandhu FA. Comparison of clinical outcomes after standalone versus cage and plate constructs for anterior cervical discectomy and fusion. *AANS, San Diego, CA, 2019.*

Mueller K, Zhao D, Johnson O, Sandhu FA, **Voyadzis J**. Does the use of tubular retractors reduce the surgical site infection rate? A single-center experience of 1,442 cases for degenerative lumbar pathology. Oral Presentation/Abstract, Society for Minimally Invasive Spinal Surgery SMISS Annual Meeting, Las Vegas, NV, 2018.

Mueller K, MacConnel A, Berkowitz F, Sandhu FA, **Voyadzis J**. Morphological classification of the tubercle of insertion of the transverse atlantal ligament: A CT-based anatomical study. CNS Annual Meeting, Houston, TX, 2018.

Fayed I, **Voyadzis J**. Success and failure of minimally invasive direct pars repair. Does fracture morphology matter? Oral presentation/abstract, Joint Section on Disorders of Spine and Peripheral Nerves. Orlando, FL, 2018.

Mueller K, Sandhu F, **Voyadzis J**. Does the use of tubular retractors reduce the infection rate for lumbar spine pathology? A single-center experience of more than 1000 surgeries. *AANS, Los Angeles, CA, 2017.*

McGowan J, **Voyadzis J**. Evaluation of retraction time as a predictor of postoperative motor dysfunction after minimally invasive transposas fusion at L4-5. Second Place, E-Poster Award. *AANS, Los Angeles, CA, 2017.*

Felbaum D, Simpson S, Armistead A, Anaizi AN, Nair M, Sandhu F, **Voyadzis J**. Implementation and evaluation of a smartphone application for the perioperative care of patients undergoing routine neurosurgical procedures at an academic medical center. *CNS, San Diego, 2016.*

Felbaum D, Rice R, **Voyadzis J**. Preservation of myofascial cuff during posterior fossa surgery to reduce the rate of pseudomeningocele formation and cerebrospinal fluid leak: A technical note. *AANS, Chicago IL 2016.*

Felbaum D, Syed H, Jha T, Sandhu F, **Voyadzis J**. Clinical outcomes and complications associated with two-level minimally invasive lumbar laminectomy: a technical report and pilot study. *AANS, Washington DC, 2015.*

Syed H, **Voyadzis J**, Jean W, Keating R. Analysis of prognostic factors and survival in pediatric pineoblastomas: a population-based study using the SEER database. AANS, San Francisco, CA 2014.

Syed H, Rhee J, **Voyadzis J**. Percutaneous lumbar transfacet screw fixation: An analysis of 151 screws in 73 patients. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, 2014.

Spitz, S, Sandhu FA, **Voyadzis J**. Percutaneous “K-wireless” pedicle screw fixation: Initial experience with 68 screws with assessment of accuracy, radiation exposure and procedure time. CNS, San Francisco, October 15, 2013

Syed H, **Voyadzis J**, Sandhu FA. Complications associated with minimally invasive extreme lateral interbody fusion: an analysis of 300 cases. CNS, San Francisco, October 15, 2013

Rhee J, Sandhu FA, **Voyadzis J**. Prospective Evaluation of one-year outcomes in minimally invasive lumbar transfacet screw fixation in the lateral decubitus position following lateral interbody fusion. Third World Congress of Minimally Invasive Spine Surgery and Techniques WCMISST, Praia do Forte, Brazil, August 16-18, 2012. Winner of Best Free Paper Award.

Oermann, E, **Voyadzis J**, Sandhu FA. Early results for two-level minimally invasive TLIF. Annual Meeting, American Association of Neurological Surgeons, Miami, FL, 2012.

Oermann, E, **Voyadzis J**, Sandhu FA. Early results for extreme lateral interbody fusion (XLIF) for the treatment of low-grade single-level spondylolisthesis. Annual Meeting, American Association of Neurological Surgeons, Miami, FL, 2012.

Anaizi AN, Sandhu FA, **Voyadzis J**. Contralateral minimally invasive approach for the treatment of lumbar synovial cysts. Annual Meeting, American Association of Neurological Surgeons, Miami, FL, 2012.

Anaizi AN, **Voyadzis J**. Minimally invasive lateral lumbar interbody fusion with percutaneous transfacet transpedicular screw fixation in the lateral decubitus

position: a technical report. Annual Meeting, Congress of Neurological Surgeons, San Francisco, CA, 2010.

Anaizi AN, Sandhu FA, **Voyadzis J**. Thoracic spine localization using preoperative placement of fiducial markers and CT myelography: A technical report. Annual Meeting, Congress of Neurological Surgeons, San Francisco, CA, 2010.

Anaizi AN, Sandhu FA, **Voyadzis J**. Stand-alone minimally invasive lateral lumbar interbody fusion. Annual Meeting, Congress of Neurological Surgeons, San Francisco, CA, 2010.

Gala VC, **Voyadzis J**, Burks A, Fessler RG. Outcomes following minimally invasive resection of intradural-extramedullary spinal tumors. Annual Meeting, Congress of Neurological Surgeons, San Diego, CA, 2007.

Voyadzis J, Gala VC, O'Toole JE, Eichholz K, Sugimoto K, Burks A, Fessler RG. Minimally invasive thoracolumbar Smith-Petersen and pedicle subtraction osteotomy: A cadaveric feasibility study. Accepted for the 14th International Meeting on Advanced Spine Techniques (IMAST), Paradise Island, Bahamas, 2007.

Voyadzis J, Gala VC, Sandhu FA, Fessler RG. Minimally invasive approach for far lateral disc herniations: Results from 19 patients. Annual Meeting, American Association of Neurological Surgeons, Washington D.C , 2007.

Gala VC, **Voyadzis J**, Rosen DS, Fessler RG. The presence of undiagnosed cervical myelopathy in patients referred for surgical evaluation of lumbar stenosis. Annual Meeting, American Association of Neurological Surgeons and Congress of Neurological Surgeons, Section on Disorders of the Spine and Peripheral Nerves, Phoenix, AZ, 2007.

Voyadzis J, Henderson FC. Corpectomy and stabilization with the Telescopic Plate Spacer at the cervico-thoracic junction. Annual Meeting, American Association of Neurological Surgeons, New Orleans, LA, 2005.

Voyadzis J, Jean WC, Collins SP, Harter KW, Gagnon GJ, Collins BT. Cyberknife radiosurgery for metastatic brain tumors after failure of whole brain radiotherapy – the application of image-guided, robotic radiosurgery for salvage treatment. Annual Meeting, Congress of Neurological Surgeons, Denver, CO, 2003.

Voyadzis J, Sandhu FA, Henderson FC. High cervical stabilization and fusion with the Telescopic Plate Spacer following corpectomy for tumor. Annual Meeting, American Association of Neurological Surgeons and Congress of Neurological Surgeons, Section on Disorders of the Spine and Peripheral Nerves, Tampa, FL, 2003.

TEACHING

Course Faculty

Chairman, Fundamentals of the Lumbar Spine Course, Swiss Foundation for Innovation and Training in Surgery, Geneva, Switzerland October 22 and 23, 2018

Instructor, Minimally Invasive K-wireless Percutaneous Screw Fixation, Cornell University, NY, NY, December 17, 2016

Transfacet Technology, An Alternative to Pedicle Screw Fixation with Interbody Techniques, Practical Clinic, AANS, Chicago, IL, April 30, 2016

Principal instructor, Minimally Invasive K-wireless Percutaneous Screw Fixation, Barcelona, Spain November 12, 2015

Minimally Invasive Spinal Surgery, Practical Course, Congress of Neurological Surgeons, Boston, MA, October 18, 2014

Minimally Invasive Spinal Surgery, Practical Course, Congress of Neurological Surgeons, San Francisco, CA, October 18, 2013

Principal instructor, Motion Preservation and Minimally Invasive Treatment Methods, University of Hamburg, Hamburg, Germany, June 6-7, 2013

Transfacet Technology, An Alternative to Pedicle Screw Fixation with Interbody Techniques, Practical Clinic, American Association of Neurological Surgeons, New Orleans, LA, April 28, 2013

Principal instructor, Minimally Invasive K-wireless Percutaneous Screw Fixation, Miami, FL April 13, 2013

Principal instructor, Percutaneous transfacet screw insertion cadaver workshop, Ribeirao Preto, Brazil, June 15-16, and October 19, 2012

Techniques in Minimally Invasive Spine Surgery, New Orleans, LA, November 18, 2011

Minimally Invasive Spinal Surgery, Practical Course, Congress of Neurological Surgeons, Washington, D.C., October 2, 2011

Current Surgical Techniques and Approaches to MIS Surgery, Practical Seminar, American Association of Neurological Surgeons, Denver, CO, April 9, 2011

Minimally Invasive Course for Community Spine Surgeons, Leesburg, VA, June 12, 2010

Current Surgical Techniques and Approaches to MIS Surgery, Practical Seminar, American Association of Neurological Surgeons, Philadelphia, PA, May 2, 2010

Current Surgical Techniques and Approaches to MIS Surgery, Practical Seminar, American Association of Neurological Surgeons, San Diego, CA, May 2, 2009

Brazilian VIP Course on Minimally Invasive Techniques, Fort Lauderdale, Florida, February 14-15, 2008

Minimally Invasive Spine Techniques, Resident Course, Washington, D.C.,
October 18, 2007

Thoracolumbar Anatomy and Approaches, Practical Seminar, American
Association of Neurological Surgeons, Washington, D.C., April 4, 2007