

CURRICULUM VITAE  
**JUAN S. URIBE, MD, FAANS**  
NEUROLOGICAL SURGERY

PERSONAL INFORMATION

Place of Birth:	Boston, Massachusetts
Citizenship:	American
Business Address:	350 West Thomas Road Phoenix, Arizona 85013  2910 North Third Avenue Phoenix, Arizona 85013
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CURRENT AND PAST APPOINTMENTS

August 2017—Current	Professor and Vice-Chairman Department of Neurological Surgery Chief, Division of Spinal Disorders Volker H. K. Sonntag Chair of Spine Research Director, Fellowship Program Barrow Neurological Institute Barrow Brain and Spine Phoenix, AZ
July 2007 –July 2017	Associate Professor of Neurosurgery Director, Spine Division Director, Biomechanical laboratory Director, Cahill Spine Institute Department of Neurological Surgery

University of South Florida  
Tampa, Florida

## EDUCATION & TRAINING

January 1983 – December 1988	Medical School Instituto de Ciencias de la Salud (CES) Medellin, Colombia
December 1988 – December 1989	Internship Hospital General de Medellin Clinica CES Medellin, Colombia Hospital San Vicente de Paul Colombia, South America
July 2001 – June 2002	Internship University of Miami Department of Surgery Miami, Florida
August 1993 – July 1998	Residency (Neurosurgery) Hospital San Vicente de Paul Universidad de Antioquia Medellin, Columbia
July 2002 – July 2007	Residency (Neurosurgery) Department of Neurosurgery University of South Florida Tampa, Florida
January 2000 – June 2001	Fellowship – Complex Spine Surgery Department of Neurosurgery The Miami Project to Cure Paralysis University of Miami Miami, FL

## LICENSURE AND CERTIFICAITON

American Board of Neurological Surgery (ABNS)

Arizona Medical License # 53935

Florida Medical License # ME 86557

Colombia Medical License reg # 4437

ECFMG certificate # 0-513-877-1

NPI: 1801951116

Advanced cardiac Life support (ACLS) certification since 2001

Advanced Trauma Life support (ATLS) certification since 2001

Researcher ID: I-6422-2012

## SOCIETY MEMBERSHIPS

American Association of Neurological Surgeons (AANS)

Chair, 2019 Annual Meeting Standing Committee

SPC Chair 2018 Annual Meeting

Chairman Maintenance of Certification (MOC) committee

Chair Continuing Medical Education Committee

DSPN Executive Board Member

Congress of Neurological Surgery (CNS)

Florida Medical Association (FMA)

Sociedad Colombiana de Neurocirugia

Society of Lateral Access Surgery (SOLAS)

Board of Directors, Treasurer

Society of Minimal Invasive Spine Surgery (SMISS)

Board of Directors, Treasurer

Editor, Case Study Newsletter and Study Library

North American Spine Society (NASS)

MIS Committee

Biologics Committee

Scoliosis Research Society (SRS)

Committee Adult Spinal Deformity

Committee IMAST

Southern Neurological Society (SNS)

Executive Meeting Member

International Spine Study Group (ISSG)  
Honorary Member Georgia Neurosurgical Society

HOSPITAL AND ADMINISTRATIVE APPOINTMENTS

2017 – Current	Professor and Vice-Chairman Department of Neurological Surgery Chief, Division of Spinal Disorders Volker H. K. Sonntag Chair of Spine Research Saint Joseph’s Hospital Barrow Neurological Institute Barrow Brain and Spine
2012- 2016	Attending Physician Florida Hospital Zephyrhills, FL
2012 - 2017	Director Spinal Cord Trauma Committee Tampa General Hospital Tampa, FL
2011 – 2017	Surgical Suite Committee Tampa General Hospital
2009 – 2017	Trauma Committee Tampa General Hospital
2008 –2017	Director, Spine Surgery Division Department of Neurosurgery University of South Florida Tampa, FL
2008 –2017	Director, David W. Cahill Spine Biomechanics Laboratory Department of Neurosurgery University of South Florida
2007 –2017	Attending Physician Tampa General Hospital
1998 –2000	Attending Physician Neurosciences

Universidad de Antioquia School of Medicine

April 2016- Present

Honorary Professor Neurosurgery  
Escuela de Medicina  
Universidad de Antioquia

## AWARDS

Best Clinical Paper Award. Ahmadian A, Deukmedjian A, **Uribe JS**. Descriptive Analysis Lumbar Plexus Syndromes after Lateral Retroperitoneal Transpsoas Approach: Diagnostic Standardization. SMISS 2012 Annual Meeting. Miami, September 21-13, 2012

Best research Abstract. **Uribe JS**, Deukmedjian A. Anterior Longitudinal Ligament Anatomy from the Perspective of the Minimally Invasive Lateral Retroperitoneal Transpsoas Approach: a Cadaveric Anatomic Study. 5<sup>th</sup> annual SOLAS meeting. San Diego, CA. May 3-5 2012

Best research Abstract. **Uribe JS**, Dakwar E, Burkett C, Baaj AA, et al. The anatomic relationship of the diaphragm to the thoracolumbar junction during the MIS lateral approach, 4th Annual SOLAS meeting, San Diego, CA. Apr 2011

USF Platinum Annual Research Award. 2010

## PEER REVIEWED PUBLICATIONS

1. Andrew Vivas, Jacob Januszewski, Jason Paluzzi, Shashank Gandhi, **Juan Uribe**. Lateral Incisional Hernia After MIS Lateral Access Surgery. A review of 303 cases. Accepted in Operative Neurosurg: March, 2018.
2. Jacob Januszewski, Shashank Gandhi, K. Bach, A. Vivas, CP. Yen, J. Peluzzi, **J.S. Uribe**. Minimally Invasive Lateral Transpsoas Interbody Fusion at the L4/5 Level. A review of 61 consecutive cases. Operative Neurosurgery. 2018. February 22, ePub ahead of print.
3. Yen CP, **Uribe JS**. Mini-open Lateral Retropleural Approach for Symptomatic Thoracic Disk Herniations. Clin Spine Surg. 2018 Feb;31(1):14-21. doi: 10.1097/BSD.0000000000000580.
4. Jacob Januszewski, Andrew C. Vivas, **Juan S. Uribe**. Limitations and Complications of Minimally Invasive Spinal Surgery. Accepted in Ann. Transl. Med., January 17, 2018.

5. Kanter AS, Tempel ZJ, Agarwal N, Hamilton DK, Zavatsky JM, Mundis GM, Tran S, Chou D, Park P, **Uribe JS**, Wang MY, Anand N, Eastlack R, Mummaneni PV, Okonkwo DO. Curve Laterality for Lateral Lumbar Interbody Fusion in Adult Scoliosis Surgery: The Concave Versus Convex Controversy. *Neurosurgery*. 2018 Jan 18. doi: 10.1093/neuros/nyx612.
6. Xu DS, Bach K, **Uribe JS**. Minimally invasive anterior and lateral transpoas approaches for closed reduction of grade II spondylolisthesis: initial clinical and radiographic experience. *Neurosurg Focus*. 2018 Jan;44(1):E4. doi: 10.3171/2017.10.FOCUS17574.
7. Than KD, Mummaneni PV, Bridges KJ, Tran S, Park P, Chou D, La Marca F, **Uribe JS**, Vogel TD, Nunley PD, Eastlack RK, Anand N, Okonkwo DO, Kanter AS, Mundis GM Jr. Complication rates associated with open versus percutaneous pedicle screw instrumentation among patients undergoing minimally invasive interbody fusion for adult spinal deformity. *Neurosurg Focus*. 2017 Dec;43(6):E7. doi: 10.3171/2017.8.FOCUS17479.
8. Leveque JA, Segebarth B, Schroerlucke SR, Khanna N, Pollina J, Youssef JA, Tohmeh AG, **Uribe JS**. A Multicenter Radiographic Evaluation of the Rates of Preoperative and Postoperative Malalignment in Degenerative Spinal Fusions. *Spine (Phila Pa 1976)*. 2017 Nov 20. doi: 10.1097/BRS.0000000000002500.
9. Januszewski J, Beckman JM, Bach K, Vivas AC, **Uribe JS**. Indirect decompression and reduction of lumbar spondylolisthesis does not result in higher rates of immediate and long term complications. *J Clin Neurosci*. 2017 Nov;45:218-222. doi: 10.1016/j.jocn.2017.07.007.
10. Januszewski J, Beckman JM, Harris JE, Turner AW, Yen CP, **Uribe JS**. Biomechanical study of rod stress after pedicle subtraction osteotomy versus anterior column reconstruction: A finite element study. *Surg Neurol Int*. 2017 Sep 6;8:207. doi: 10.4103/sni.sni\_44\_17.
11. **Uribe JS**, Januszewski J, Wang M, Anand N, Okonkwo DO, Mummaneni PV, Nguyen S, Zavatsky J, Than K, Nunley P, Park P, Kanter AS, La Marca F, Fessler R, Mundis GM, Eastlack RK. Patients with High Pelvic Tilt Achieve the Same Clinical Success as Those with Low Pelvic Tilt After Minimally Invasive Adult Deformity Surgery. *Neurosurgery*. 2017 Aug 17. doi: 10.1093/neuros/nyx383.
12. Mundis GM Jr, Turner JD, Deverin V, Uribe JS, Nunley P, Mummaneni P, Anand N, Park P, Okonkwo DO, Wang MY, Bess S, Kanter AS, Fessler R, Nguyen S, Akbarnia BA; International Spine Study Group. Mundis GM Jr,

- Turner JD, Deverin V, **Uribe JS**, Nunley P, Mummaneni P, Anand N, Park P, Okonkwo DO, Wang MY, Bess S, Kanter AS, Fessler R, Nguyen S, Akbarnia BA; International Spine Study Group. A Critical Analysis of Sagittal Plane Deformity Correction with Minimally Invasive Adult Spinal Deformity Surgery: A 2-Year Follow-Up Study. *Spine Deform.* 2017 Jul;5(4):265-271. doi: 10.1016/j.jspd.2017.01.010.
13. Abel NA, Januszewski J, Vivas AC, **Uribe JS**. Femoral nerve and lumbar plexus injury after minimally invasive lateral retroperitoneal transpsoas approach: electrodiagnostic prognostic indicators and a roadmap to recovery. *Neurosurg Rev.* 2017 May 30. doi: 10.1007/s10143-017-0863-7.
14. Mundis GM Jr, Turner JD, Kabirian N, Pawelek J, Eastlack RK, **Uribe J**, Klineberg E, Bess S, Ames C, Deviren V, Nguyen S, Lafage V, Akbarnia BA. Anterior Column Realignment has Similar Results to Pedicle Subtraction Osteotomy in Treating Adults with Sagittal Plane Deformity. *World Neurosurg.* 2017 May 27. pii: S1878-8750(17)30821-5. doi: 10.1016/j.wneu.2017.05.122.
15. Witiw CD, Fessler RG, Nguyen S, Mummaneni P, Anand N, Blaskiewicz D, **Uribe J**, Wang MY, Kanter AS, Okonkwo D, Park P, Deviren V, Akbarnia BA, Eastlack RK, Shaffrey C, Mundis GM Jr; International Spine Study Group. Re-operation After Long-Segment Fusions for Adult Spinal Deformity: The Impact of Extending the Construct Below the Lumbar Spine. *Neurosurgery.* 2017 May 3. doi: 10.1093/neuros/nyx163. [Epub ahead of print
16. **Uribe JS**, Beckman J, Mummaneni PV, Okonkwo D, Nunley P, Wang MY, Mundis GM Jr, Park P, Eastlack R, Anand N, Kanter A, Lamarca F, Fessler R, Shaffrey CI, Lafage V, Chou D, Deviren V; MIS-ISSG Group. Does MIS Surgery Allow for Shorter Constructs in the Surgical Treatment of Adult Spinal Deformity?. *Neurosurgery.* 2017 Mar 1;80(3):489-497. doi: 10.1093/neuros/nyw072. PMID: 28362966
17. Yen CP, Beckman JM, Vivas AC, Bach K, **Uribe JS**. Effects of intradiscal vacuum phenomenon on surgical outcome of lateral interbody fusion for degenerative lumbar disease. Yen CP, Beckman JM, Vivas AC, Bach K, Uribe JS. *J Neurosurg Spine.* 2016 Dec 16:1-7. PMID: 27982763
18. Januszewski J, Keem SK, Smith W, Beckman JM, Kanter AS, Oskuiian RJ, Taylor W, **Uribe JS**. The Potentially Fatal Ogilvie's Syndrome in Lateral Transpsoas Access Surgery: A Multi-Institutional Experience with

2930 patients. World Neurosurg. 2016 Dec 3. PMID: 27923757

19. Beckman JM, Vincent B, Park MS, Billys JB, Isaacs RE, Pimenta L, **Uribe JS**. Contralateral psoas hematoma after minimally invasive, lateral retroperitoneal transpsoas lumbar interbody fusion: a multicenter review of 3950 lumbar levels. J Neurosurg Spine. 2017 Jan;26(1):50-54. doi: 10.3171/2016.4.SPINE151040.
  
20. Yen CP, Mosley YI, **Uribe JS**. Role of minimally invasive surgery for adult spinal deformity in preventing complications. Curr Rev Musculoskelet Med. 2016 Sep;9(3):309-15. doi: 10.1007/s12178-016-9355-6. Review. PMID: 27411527
  
21. Nunley PD, Fessler RG, Park P, Zavatsky JM, Mundis GM, **Uribe JS**, Eastlack R, Nguyen S, Chou D, Wang MY, Anand N, Kanter AS, Shaffrey CI, Mummaneni PV; International Spine Study Group. How Do Case Type, Length of Stay, and Comorbidities Affect Medicare Diagnosis-Related Group Reimbursement for Minimally Invasive Surgery for Deformity? Neurosurgery. 2016 Aug;63 Suppl 1:210. doi: 10.1227/01.neu.0000489859.16182.49. PMID: 27399568
  
22. Than KD, Nguyen S, Park P, Chou D, La Marca F, **Uribe JS**, Vogel TD, Nunley PD, Eastlack R, Anand N, Kanter AS, Mummaneni PV, Mundis GM; International Spine Study Group. What Is the Effect of Open vs Percutaneous Screws on Complications Among Patients Undergoing Lateral Interbody Fusion for Adult Spinal Deformity?. Neurosurgery. 2016 Aug;63 Suppl 1:166. PMID: 27399444
  
23. Than KD, Park P, Fu KM, Nguyen S, Wang MY, Chou D, Nunley PD, Anand N, Fessler RG, Shaffrey CI, Bess S, Akbarnia BA, Deviren V, **Uribe JS**, La Marca F, Kanter AS, Okonkwo DO, Mundis GM Jr, Mummaneni PV; International Spine Study Group. Clinical and radiographic parameters associated with best versus worst clinical outcomes in minimally invasive spinal deformity surgery. J Neurosurg Spine. 2016 Mar 4:1-5. [Epub ahead of print]. PMID: 26943254



24. Hamilton DK, Kanter AS, Bolinger BD, Mundis GM Jr, Nguyen S, Mummaneni PV, Anand N, Fessler RG, Passias PG, Park P, La Marca F, **Uribe JS**, Wang MY, Akbarnia BA, Shaffrey CI, Okonkwo DO; International Spine Study Group (ISSG). Reoperation rates in minimally invasive, hybrid and open surgical treatment for adult spinal deformity with minimum 2-year follow-up. *Eur Spine J*. 2016 Feb 24. [Epub ahead of print]. PMID: 26909764
25. Murtagh RD, Quencer RM, **Uribe J**. Pelvic Evaluation in Thoracolumbar Corrective Spine Surgery: How I Do It. *Radiology*. 2016 Mar;278(3):646-56. doi: 10.1148/radiol.2015142404. PMID: 26885732
26. Saigal R, Mundis GM Jr, Eastlack R, **Uribe JS**, Phillips FM, Akbarnia BA. Anterior Column Realignment (ACR) in Adult Sagittal Deformity Correction: Technique and Review of the Literature. *Spine (Phila Pa 1976)*. 2016 Apr;41 Suppl 8:S66-73. doi: 10.1097/BRS.0000000000001483. PMID: 26839994
27. Yen CP, **Uribe JS**. Procedural Checklist for Retroperitoneal Transpsoas Minimally Invasive Lateral Interbody Fusion. *Spine (Phila Pa 1976)*. 2016 Apr;41 Suppl 8:S152-8. doi: 10.1097/BRS.0000000000001473. PMID: 26839991.
28. Phillips FM, Cheng I, Rampersaud YR, Akbarnia BA, Pimenta L, Rodgers WB, **Uribe JS**, Khanna N, Smith WD, Youssef JA, Sulaiman WA, Tohmeh A, Cannestra A, Wohns RN, Okonkwo DO, Acosta F, Rodgers EJ, Andersson G. Breaking Through the "Glass Ceiling" of Minimally Invasive Spine Surgery. *Spine (Phila Pa 1976)*. 2016 Apr;41 Suppl 8:S39-43. doi: 10.1097/BRS.0000000000001482. PMID: 26839987
29. **Uribe JS**, Myhre SL, Youssef JA. Preservation or Restoration of Segmental and Regional Spinal Lordosis Using Minimally Invasive Interbody Fusion Techniques in Degenerative Lumbar Conditions: A

Literature Review. Spine (Phila Pa 1976). 2016 Apr;41 Suppl 8:S50-8. doi: 10.1097/BRS.0000000000001470. PMID: 26825789

30. Park P, Wang MY, Nguyen S, Mundis GM Jr, La Marca F, **Uribe JS**, Anand N, Okonkwo DO, Kanter AS, Fessler R, Eastlack RK, Chou D, Deviren V, Nunley PD, Shaffrey CI, Mummaneni PV; International Spine Study Group. Comparison of Complications and Clinical and Radiographic Outcomes Between Nonobese and Obese Patients with Adult Spinal Deformity Undergoing Minimally Invasive Surgery. World Neurosurg. 2016 Mar;87:55-60. doi: 10.1016/j.wneu.2015.12.024. Epub 2015 Dec 25. PMID: 26724613
  
31. Park P, Okonkwo DO, Nguyen S, Mundis GM Jr, Than KD, Deviren V, La Marca F, Fu KM, Wang MY, **Uribe JS**, Anand N, Fessler R, Nunley PD, Chou D, Kanter AS, Shaffrey CI, Akbarnia BA, Passias PG, Eastlack RK, Mummaneni PV; International Spine Study Group. Can a Minimal Clinically Important Difference Be Achieved in Elderly Patients With Adult Spinal Deformity Who Undergo Minimally Invasive Spinal Surgery?. World Neurosurg. 2015 Sep 29. pii: S1878-8750(15)01239-5. doi: 10.1016/j.wneu.2015.09.072. [Epub ahead of print]
  
32. Shamji MF, Goldstein CL, Wang M, **Uribe JS**, Fehlings MG. Minimally Invasive Spinal Surgery in the Elderly: Does It Make sense? Neurosurgery. 2015 Oct; 77 Suppl 4:S108-15. doi: 10.1227/NEU.0000000000000941. PMID: 26378348
  
33. Mummaneni PV, Park P, Fu KM, Wang MY, Nguyen S, Lafage V, **Uribe JS**, Ziewacz J, Terran J, Okonkwo DO, Anand N, Fessler R, Kanter AS, LaMarca F, Deviren V, Bess RS, Schwab FJ, Smith JS, Akbarnia BA, Mundis GM Jr, Shaffrey CI. Does Minimally Invasive Percutaneous Posterior Instrumentation Reduce Risk of Proximal Junctional Kyphosis in Adult Spinal Deformity Surgery? A Propensity-Matched Cohort Analysis. Neurosurgery. 2015 Sep 4. [Epub ahead of print] PMID: 2634801
  
34. Beckman JM, Murray G, Bach K, Deukmedjian A, **Uribe JS**. Percutaneous Minimally Invasive (MIS) Guide Wire-less Self-Tapping Pedicle Screw

Placement in the Thoracic and Lumbar Spine: Safety and Initial Clinical Experience: Technical Note. *Neurosurgery*. 2015 Aug 19. [Epub ahead of print] PMID: 26295499

35. Mundis G, **Uribe JS**, Mummaneni PV, Anand N, Park P, Okonkwo DO, Kanter AS, Fessler RG, Nguyen S, Akbarnia BA, Bess S, Wang MY, La Marca F, Than KD, Deviren V, Chou D, Lafage V, Schwab F, Shaffrey A. Critical Analysis of Sagittal Plane Deformity Correction With Minimally Invasive Surgery: A 2-Year Follow-up Study of Deformity Patients Categorized by the SRS-Schwab Classification. *CI Neurosurgery*. 2015 Aug;62 Suppl 1:222-3. doi: 10.1227/01.neu.0000467136.50891.a8. PMID: 26182018
  
36. Park P, Mummaneni PV, La Marca F, Fu KM, Nguyen S, Wang MY, **Uribe JS**, Anand N, Mundis G, Deviren V, Kanter AS, Fessler RG, Shaffrey CI, Akbarnia BA, Passias PG, Nunley PD, Chou D, Eastlack R, Okonkwo DO. What Is the Impact of Obesity in MIS vs OPEN Surgery for Adult Spinal Deformity? *Neurosurgery*. 2015 Aug;62 Suppl 1:221. doi: 10.1227/01.neu.0000467131.20397.28. PMID:26182013
  
37. **Uribe JS**. Neural anatomy, neuromonitoring and related complications in extreme lateral interbody fusion: video lecture. *Eur Spine J*. 2015 Apr;24 Suppl 3:445-6. doi: 10.1007/s00586-015-3950-x. No abstract available. PMID: 25904418
  
38. **Uribe JS**, Isaacs RE, Youssef JA, Khajavi K, Balzer JR, Kanter AS, Küelling FA, Peterson MD; SOLAS Degenerative Study Group. Can triggered electromyography monitoring throughout retraction predict postoperative symptomatic neuropraxia after XLIF? Results from a prospective multicenter trial. *Eur Spine J*. 2015 Apr;24 Suppl 3:378-85. doi:10.1007/s00586-015-3871-8. Epub 2015 Apr 15. PMID: 25874744
  
39. Murray G, Beckman J, Bach K, Smith DA, Dakwar E, **Uribe JS**. Complications and neurological deficits following minimally invasive anterior column release for adult spinal deformity: a retrospective study. *Eur Spine J*. 2015 Apr;24 Suppl 3:397-404. doi: 10.1007/s00586-015-3894-1. Epub 2015 Apr 8. PMID: 25850388

40. Turner JD, Akbarnia BA, Eastlack RK, Bagheri R, Nguyen S, Pimenta L, Marco R, Deviren V, **Uribe J**, Mundis GM Jr. Radiographic outcomes of anterior column realignment for adult sagittal plane deformity: a multicenter analysis. *Eur Spine J.* 2015 Apr;24 Suppl 3:427-32. doi: 10.1007/s00586-015-3842-0. Epub 2015 Mar 28. PMID: 25820352
41. **Uribe JS**, Harris JE, Beckman JM, Turner AW, Mundis GM, Akbarnia BA. Finite element analysis of lordosis restoration with anterior longitudinal ligament release and lateral hyperlordotic cage placement. *Eur Spine J.* 2015 Apr;24 Suppl 3:420-6. doi: 10.1007/s00586-015-3872-7. Epub 2015 Mar 13. PMID:25772093
42. Ahmadian A, Bach K, Bolinger B, Malham GM, Okonkwo DO, Kanter AS, **Uribe JS**. Stand-alone minimally invasive lateral lumbar interbody fusion: Multicenter clinical outcomes. *J Clin Neurosci.* 2014 Nov 6. pii: S0967-5868(14)00635-3. doi: 10.1016/j.jocn.2014.08.036.
43. **Uribe JS**, Deukmedjian AR. Visceral, vascular, and wound complications following over 13,000 lateral interbody fusions: a survey study and literature review. *Eur Spine J.* 2015 Feb 27.
44. Malham GM, Parker RM, Ballok ZE, Goss B, Diwan AD, **Uribe JS**. Bone scans are reliable for the identification of lumbar disk and facet pathology. *Global Spine J.* 2015 Feb;5(1):23-30. doi: 10.1055/s-0034-1394298. Epub 2014 Oct 25
45. Park P, Wang MY, Lafage V, Nguyen S, Ziewacz J, Okonkwo DO, **Uribe JS**, Eastlack RK, Anand N, Haque R, Fessler RG, Kanter AS, Deviren V, La Marca F, Smith JS, Shaffrey CI, Mundis GM Jr, Mummaneni PV; , on behalf of the International Spine Study Group. *J Neurosurg Spine.* 2015 Jan 30:1-7. Comparison of two minimally invasive surgery strategies to treat adult spinal deformity.

46. **Uribe JS**, Ramos E, Youssef S, Vale FL, Baaj AA. Letters to the editor: Occipital condyle to cervical spine screw and rod fixation. *J Neurosurg Spine*. 2014 Jul 18:1-2.
47. Ahmadian A, Dakwar E, Vale FL, **Uribe JS**. Occipitocervical fusion via occipital condylar fixation: a clinical case series. *J Spinal Disord Tech*. 2014 Jun;27(4):232-6. doi: 10.1097/BSD.0b013e31825bfeea.
48. Deukmedjian AR, Manwaring J, Le TV, Turner AW, **Uribe JS**. Corpectomy cage subsidence with rectangular versus round endcaps. *J Clin Neurosci*. 2014 Sep;21(9):1632-6. doi: 10.1016/j.jocn.2013.12.028. Epub 2014 May 13.
49. Kanter AS, Shaffrey CI, Mummaneni P, Wang MY, **Uribe JS**. Introduction: Adult spinal deformity: pathophysiology and corrective measures. *Neurosurg Focus*. 2014 May;36(5):Introduction. doi: 10.3171/2014.3.FOCUS14112.
50. Wang MY, Mummaneni PV, Fu KM, Anand N, Okonkwo DO, Kanter AS, La Marca F, Fessler R, **Uribe J**, Shaffrey CI, Lafage V, Haque RM, Deviren V, Mundis GM Jr; Minimally Invasive Surgery Section of the International Spine Study Group. Less invasive surgery for treating adult spinal deformities: ceiling effects for deformity correction with 3 different techniques. *Neurosurg Focus*. 2014 May;36(5):E12. doi: 10.3171/2014.3.FOCUS1423. PMID: 24785477
51. Mummaneni PV, Shaffrey CI, Lenke LG, Park P, Wang MY, La Marca F, Smith JS, Mundis GM Jr, Okonkwo DO, Moal B, Fessler RG, Anand N, **Uribe JS**, Kanter AS, Akbarnia B, Fu KM; Minimally Invasive Surgery Section of the International Spine Study Group. The minimally invasive spinal deformity surgery algorithm: a reproducible rational framework for decision making in minimally invasive spinal deformity surgery. *Neurosurg Focus*. 2014 May;36(5):E6. doi: 10.3171/2014.3.FOCUS1413.

52. **Uribe JS**, Deukmedjian AR, Mummaneni PV, Fu KM, Mundis GM Jr, Okonkwo DO, Kanter AS, Eastlack R, Wang MY, Anand N, Fessler RG, La Marca F, Park P, Lafage V, Deviren V, Bess S, Shaffrey CI; International Spine Study Group. Complications in adult spinal deformity surgery: an analysis of minimally invasive, hybrid, and open surgical techniques. *Neurosurg Focus*. 2014 May;36(5):E15. doi: 10.3171/2014.3.FOCUS13534.
53. Haque RM, Mundis GM Jr, Ahmed Y, El Ahmadieh TY, Wang MY, Mummaneni PV, **Uribe JS**, Okonkwo DO, Eastlack RK, Anand N, Kanter AS, La Marca F, Akbarnia BA, Park P, Lafage V, Terran JS, Shaffrey CI, Klineberg E, Deviren V, Fessler RG; International Spine Study Group. Comparison of radiographic results after minimally invasive, hybrid, and open surgery for adult spinal deformity: a multicenter study of 184 patients. *Neurosurg Focus*. 2014 May;36(5):E13. doi: 10.3171/2014.3.FOCUS1424.
54. Pimenta L, Smith W, Taylor W, **Uribe J**. Lateral access surgery for the thoracolumbar spine. *ScientificWorldJournal*. 2013;2013:241705. doi: 10.1155/2013/241705. Epub 2013 Mar 6. No abstract available.
55. Amin BY, Mummaneni PV, Ibrahim T, Zouzias A, **Uribe J**. Four-level minimally invasive lateral interbody fusion for treatment of degenerative scoliosis. *Neurosurg Focus*. 2013 Jul;35(2 Suppl):Video 10. doi: 10.3171/2013.V2.FOCUS13198.
56. Park MS, Deukmedjian AR, **Uribe JS**. Minimally Invasive Anterolateral Corpectomy for Spinal Tumors. *Neurosurg Clin N Am*. 2014 Apr;25(2):317-325. doi: 10.1016/j.nec.2013.12.009. Epub 2014 Jan 27. Review.
57. Le TV, Burkett CJ, Deukmedjian AR, **Uribe JS**. Postoperative lumbar plexus injury after lumbar retroperitoneal transpsoas minimally invasive lateral interbody fusion. *Spine (Phila Pa 1976)*. 2013 Jan 1;38(1):E13-20. doi: 10.1097/BRS.0b013e318278417c.

58. Deukmedjian AR, Le TV, Baaj AA, Dakwar E, Smith DA, **Uribe JS**. Anterior longitudinal ligament release using the minimally invasive lateral retroperitoneal transpsoas approach: a cadaveric feasibility study and report of 4 clinical cases. *Neurosurg Spine*. 2012 Dec;17(6):530-9. doi: 10.3171/2012.8.SPINE12432. Epub 2012 Sep 28
59. Ahmadian A, Deukmedjian AR, Abel N, Dakwar E, **Uribe JS**. Analysis of lumbar plexopathies and nerve injury after lateral retroperitoneal transpsoas approach: diagnostic standardization. *J Neurosurg Spine*. 2013 Mar;18(3):289-97. doi: 10.3171/2012.11.SPINE12755. Epub 2012 Dec 21. Review
60. **Uribe JS**, Smith WD, Pimenta L, Hartl R, Deviren V. Response. Thoracic disc. *J Neurosurg Spine*. 2013 May;18(5):530-3.
61. Manwaring JC, Bach K, Ahmadian AA, Deukmedjian AR, Smith DA, Uribe JS. Management of sagittal balance in adult spinal deformity with minimally invasive anterolateral lumbar interbody fusion: a preliminary radiographic study. *J Neurosurg Spine*. 2014 Mar 14.
62. Bach K, Ahmadian A, Deukmedjian A, Uribe JS. Minimally Invasive Surgical Techniques in Adult Degenerative Spinal Deformity: A Systematic Review. *Clin Orthop Relat Res*. 2014 Feb 1.
63. Youssef JA, Orndorff DO, Patty CA, Scott MA, Price HL, Hamlin LF, Williams TL, Uribe JS, Deviren V. Current Status of Adult Spinal Deformity.. *Global Spine J*. 2013 Mar;3(1):51-62. Epub 2012 Oct 5.
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## POSTERS AND ORAL PRESENTATIONS

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The Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Spine Summit 2018- Restoring Alignment in an Era of Global Change. Orlando, FL. March 14-17, 2018. Leading. Expanding. Advancing. Insights to Lateral Procedural Solutions. Oral Presentation.

The Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Spine Summit 2018- Restoring Alignment in an Era of Global Change. Orlando, FL. March 14-17, 2018. MIS/Navigation and Robotics Procedural Solutions Directors: Roger Hartl, Paul Park Faculty: Victor W. Chang, Roger Hartl, J. Patrick Johnson, Ronald A. Lehman, Jean-Pierre Mobasser, Paul Park, Eric A. Potts, Michael P. Steinmetz, Khoi D. Than, Nicholas Theodore, **Juan S. Uribe**.

The Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Spine Summit 2018- Restoring Alignment in an Era of Global Change. Orlando, FL. March 14-17, 2018. Development of Proximal Junctional Kyphosis After Minimally Invasive Lateral Anterior Column Realignment for Adult Spinal Deformity Shashank V. Gandhi, Jacob Januszewski, Konrad Bach, Andrew C. Vivas, Jason M. Paluzzi, Adam S. Kanter, David O. Okonkwo, Zachary J. Tempel, Nitin Agarwal, **Juan S. Uribe**.

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Corpectomy: Cadaveric Feasibility and Early Clinical Experience Jay D. Turner, Hasan A. Zaidi, Jakub Godzik, Felipe Albuquerque, **Juan S. Uribe**.

The Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Spine Summit 2018- Restoring Alignment in an Era of Global Change. Orlando, FL. March 14-17, 2018. Minimally Invasive Anterior and Lateral Transpsoas Approaches for Closed Reduction of Grade II Spondylolisthesis: Initial Clinical and Radiographic Experience David S. Xu, Konrad Bach, **Juan S. Uribe**.

The Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Spine Summit 2018- Restoring Alignment in an Era of Global Change. Orlando, FL. March 14-17, 2018. Analysis of Complications with Staged Surgery for Less Invasive Treatment of Adult Spinal Deformity Gregory M. Mundis, Jr., Paul Park, Khoi D. Than, Kai-Ming G. Fu, Stacie Tran, **Juan S. Uribe**, Adam S. Kanter, David O. Okonkwo, Pierce D. Nunley, Robert Eastlack, Richard G. Fessler, Neel Anand, Frank La Marca, Praveen V. Mummaneni, International Spine Study Group.

The Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Spine Summit 2018- Restoring Alignment in an Era of Global Change. Orlando, FL. March 14-17, 2018. Role of Minimally Invasive Lateral Interbody Fusion Surgical Technique in Thoracolumbar Fusion Revision Surgery Karina Bach, Konrad Bach, Jacob Januszewski, **Juan S. Uribe**

The Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Spine Summit 2018- Restoring Alignment in an Era of Global Change. Orlando, FL. March 14-17, 2018. Posterior Open-wedge Anterior Longitudinal Ligament Release: Cadaveric Technique and Early Clinical Experience Michael Bohl, Randy Hlubek, David S. Xu, Claudio Cavallo, Mark C. Preul, Steve W. Chang, Jay D. Turner, **Juan S. Uribe**, Udaya K. Kakarla.

The Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Spine Summit 2018- Restoring Alignment in an Era of Global Change. Orlando, FL. March 14-17, 2018. The Impact of Revision Surgery on Patients Undergoing MIS Correction of Adult Spinal Deformity: A Multicenter Study Michael Gerling, Gregory M. Mundis, Jr., **Juan S. Uribe**, Paul Park, Praveen V. Mummaneni, Kai-Ming G. Fu, Stacie Tran, Khoi D. Than, Pierce D. Nunley, David O. Okonkwo, Richard G. Fessler, Neel Anand, Robert Eastlack, International Spine Study Group.

The Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Spine Summit 2018- Restoring Alignment in an Era of Global Change. Orlando, FL. March 14-17, 2018. Computer-assisted Tracking Minimizes Radiation Exposure While Maintaining Localization and Image

Guidance for Instrumentation — A Randomized Trial John Berry-Candelario, Jr., Farah Houda, **Juan S. Uribe**, Chester Yarbrough.

The Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Spine Summit 2018- Restoring Alignment in an Era of Global Change. Orlando, FL. March 14-17, 2018. Home Versus Rehab: Factors That Influence Disposition After MIS Adult Spinal Deformity Surgery? Justin Ledesma, Robert Eastlack, Stacie Tran, Paul Park, Khoi D. Than, Praveen V. Mummaneni, Dean Chou, Adam S. Kanter, Neel Anand, Pierce D. Nunley, Frank La Marca, Richard G. Fessler, **Juan S. Uribe**, Gregory M. Mundis, Jr., International Spine Study Group.

The Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Spine Summit 2018- Restoring Alignment in an Era of Global Change. Orlando, FL. March 14-17, 2018. Combined Lateral Transposas Anterior Column Realignment with Pedicle Subtraction Osteotomy: Cadaveric Feasibility and Early Clinical Experience Jakub Godzik, Randall Hlubek, David S. Xu, Corey Tyler Walker, Jay D. Turner, Gregory M. Mundis, Jr., **Juan S. Uribe**.

The Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Spine Summit 2018- Restoring Alignment in an Era of Global Change. Orlando, FL. March 14-17, 2018. Adult Spinal Deformity Patients Demonstrate Impaired Postural Stability and Dynamic Balance Compared to Age-matched Controls Jakub Godzik, Chris Frames, Victoria Smith, Markey C. Olson, Udaya K. Kakarla, **Juan S. Uribe**, Thurman Lockhart, Jay D. Turner.

The Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Spine Summit 2018- Restoring Alignment in an Era of Global Change. Orlando, FL. March 14-17, 2018. Continuous Activity Tracking Using a Wristmounted Device in Adult Spinal Deformity: Proof of Concept Jakub Godzik, Tyler S. Cole, Corey T. Walker, Alex Whiting, Udaya K. Kakarla, **Juan S. Uribe**, Jay D. Turner.

The Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Spine Summit 2018- Restoring Alignment in an Era of Global Change. Orlando, FL. March 14-17, 2018. Retrospective Multicenter Assessment of Risk Factors for Rod Fracture Following Minimally Invasive Surgery for Adult Spinal Deformity Correction Jakub Godzik, Nima Alan, Randall Hlubek, Konrad Bach, Gregory M. Mundis, Jr., Adam S. Kanter, David O. Okonkwo, Jay D. Turner, **Juan S. Uribe**.

The Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Spine Summit 2018- Restoring Alignment in an Era of Global Change. Orlando, FL. March 14-17, 2018. The Comprehensive Anatomical Spinal Osteotomy and Anterior Column Realignment Classification David S. Xu, Jacob Januszewski, Frank Schwab, **Juan S. Uribe**.

The Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Spine Summit 2018- Restoring Alignment in an Era of Global Change. Orlando, FL. March 14-17, 2018.

The Society of Lateral Access Surgery's (SOLAS) North America Regional Meeting. New York City, NY. December 9, 2017. Anatomy: Practical Lumbar Neuroanatomy. Oral presentation.

The Society of Lateral Access Surgery's (SOLAS) North America Regional Meeting. New York City, NY. December 9, 2017. PRO LLIF. Oral presentation.

The Society of Lateral Access Surgery's (SOLAS) North America Regional Meeting. New York City, NY. December 9, 2017. CMIS Reconstruction with ACR. Oral presentation.

The Society of Lateral Access Surgery's (SOLAS) North America Regional Meeting. New York City, NY. December 9, 2017. PRO: ACR. Oral presentation.

3<sup>rd</sup> Annual International Spinal Deformity Symposium (ISDS). Chicago, IL. November 3-4, 2017. Step-by-Step Surgical Treatment: MIS Lateral and Posterior Percutaneous. Oral Presentation.

3<sup>rd</sup> Annual International Spinal Deformity Symposium (ISDS). Chicago, IL. November 3-4, 2017. Step-by-Step Surgical Treatment: MIS ASF/PSF. Oral Presentation.

North American Spine Society. 32<sup>th</sup> Annual Meeting. Orlando, FL. October 25-28 2017. Patients Over Age 65 with Postoperative Malalignment Are Not as Disabled as Younger Patients Kai Fu; Pierce D. Nunley, MD; Paul Park, MD; Stacie Nguyen, MPH; **Juan S. Uribe, MD**; Robert K. Eastlack, MD; Khoi D. Than, MD7; David O. Okonkwo, MD; Adam S. Kanter, MD9; Neel Anand, MD10; Frank LaMarca, MD; Richard G. Fessler, MD, PhD; Gregory M. Mundis Jr., MD; International Spine Study Group.

North American Spine Society. 32<sup>th</sup> Annual Meeting. Orlando, FL. October 25-28 2017. Satellite Rods and Anterior Column Support Reduce Rod Stress in Pedicle Subtraction Osteotomy and Anterior Column Reconstruction Constructs: A Finite Element Study **Juan S. Uribe, MD**; Jeffrey E. Harris, MS; Alexander W. Turner.

North American Spine Society. 32<sup>th</sup> Annual Meeting. Orlando, FL. October 25-28 2017. Occipital Condyle Morphology: A CT-Based Analysis of 500 Condyles Kenneth C. Foxx III, MD; **Juan S. Uribe, MD**; Tochukwu C. Ikpeze, MS; Adan Omar, MD; Addisu Mesfin.

North American Spine Society. 32<sup>th</sup> Annual Meeting. Orlando, FL. October 25-28



2017. A Multicenter Evaluation of the Incidence of Preoperative and postoperative Malalignment in Degenerative Spinal Fusions. Jean-Christophe A. Leveque, MD; P. Bradley Segebarth, MD; Samuel R. Schroerlucke, MD; Nitin Khanna, MD; Jim A. Youssef, MD; John Pollina Jr., MD6; Mir H. Ali, MD, PhD7; Eric B. Laxer, MD; Douglas G. Orndorff, MD; Michael J. Dorsi, MD; Anuj Prasher, MD; Arash Emami, MD; Isaac O. Karikari, MD; Antoine Tohmeh, MD; Nikhil K. Sahai, MD, MPH; Ioannis Siasios, MD; **Juan S. Uribe, MD.**

24<sup>nd</sup> International Meeting on Advanced Spine Techniques. Cape Town, South Africa. July 12-15, 2017.

24<sup>nd</sup> International Meeting on Advanced Spine Techniques. Cape Town, South Africa. July 12-15, 2017. Multicenter Evaluation of the Incidence of Pre- and Postoperative Malalignment in Degenerative Spinal Fusions. Arash Emami, MD; Jean-Christophe A. Leveque, MD; Samuel R. Schroerlucke, MD; Nitin Khanna, MD; P. Bradley Segebarth, MD; Jim A. Youssef, MD; John Pollina, MD, FACS; Isaac O. Karikari, MD; Nikhil Sahai; Ioannis D Siasios, MD; **Juan S. Uribe, MD.**

Congress of Neurological Surgeons. Transformation- Celebration. Annual Meeting. Boston, Mass. October 7-11, 2017. Patients Over Age 65 with Postoperative Malalignment are Not as Disabled as Younger Patients Kai-Ming G. Fu, Pierce D. Nunley, Gregory M. Mundis, Jr., Paul Park, Stacie Nguyen, Frank La Marca, **Juan S. Uribe**, Robert Eastlack, Khoi Duc Than, David O. Okonkwo, Adam S. Kanter, Neel Anand, Richard G. Fessler, Praveen V. Mummaneni, International Spine Study Group.

Patients Over Age 65 with Postoperative Malalignment Are Not as Disabled as Younger Patients Kai Ming Fu, MD; Pierce Nunley, MD; Stacie Tran, MPH; Gregory Mundis, MD; Paul Park, MD; Frank La Marca; **Juan Uribe, MD**; Robert Eastlack, MD; Khoi Than, MD; David Okonkwo, MD; Adam Kanter, MD; Neel Anand, MD; Richard Fessler, MD; Praveen Mummaneni, MD; and International Spine Study Group. Oral Presentation. SMISS Global Forum'17. Las Vegas, NV. September 14-17.

The Role of Minimally Invasive Anterior Column Reconstruction in Maintaining Sagittal Balance. Jason Paluzzi; Jacob Januszewski; Andrew Vivas; Brooks Osburn; Joshua Beckman; Konrad Bach; Mark Greenberg; and **Juan Uribe.** Oral Presentation. SMISS Global Forum'17. Las Vegas, NV. September 14-17.

Analysis of Complications with Staged Surgery for Less Invasive Treatment of Adult Spinal Deformity Paul Park, MD; Gregory Mundis, MD; Khoi Than, MD; Kai Ming Fu, MD; Stacie Tran, MPH; **Juan Uribe, MD**; Adam Kanter, MD; Pierce Nunley, MD; Robert Eastlack, MD; Richard Fessler, MD; Neel Anand, MD; Frank La Marca, MD; Praveen Mummaneni, MD; and International Spine Study Group. SMISS Global Forum'17. Las Vegas, NV. September 14-17.

Multicenter Evaluation of the Incidence of Pre- and Postoperative Malalignment in Degenerative Spinal Fusions Jean-Christophe A. Leveque, MD; Samuel R. Schroerlucke, MD; Nitin Khanna, MD; P. Bradley Segebarth, MD; Jim A. Youssef, MD; John Pollina, MD, FACS; Arash Emami, MD; Isaac O. Karikari, MD; Nikhil Sahai; Ioannis D. Siasios, MD; **Juan S. Uribe, MD**. Oral Presentation. 52<sup>st</sup> Annual Meeting and Course. Scoliosis Research Society. SRS. Philadelphia, PA. Sept. 6-8, 2017.

Analysis of Complications with Staged Surgery for Less Invasive Treatment of Adult Spinal Deformity. Paul Park, MD; Gregory M. Mundis, MD; Khoi D. Than, MD; Kai-Ming Gregory Fu, MD, PhD; Stacie Nguyen, MPH; **Juan S. Uribe, MD**; Adam S. Kanter, MD; Pierce D. Nunley, MD; Robert K. Eastlack, MD; Richard G. Fessler, MD, PhD; Neel Anand, MD; Frank La Marca, MD; Praveen V. Mummaneni, MD; International Spine Study Group. Oral Presentation. 52<sup>st</sup> Annual Meeting and Course. Scoliosis Research Society. SRS. Philadelphia, PA. Sept. 6-8, 2017.

INCISIONAL HERNIA AFTER MIS RETROPERITONEAL SURGERY: CASE SERIES AND REVIEW OF THE LITERATURE P. McBride, A. Vivas, J. Januszewski, M.F. Albrink, **J.S. Uribe**. 10<sup>th</sup> Annual SOLAS Research Meeting. San Diego CA, May 18-20, 2017.

HOME VS REHAB: FACTORS THAT INFLUENCE DISPOSITION AFTER MIS ADULT SPINAL DEFORMITY SURGERY? J. Ledesma, R. Eastlack, S. Nguyen, P. Park, P. Mummaneni, D. Chou, A. Kanter, N. Anand, P. Nunley, F. La Marca, R.G. Fessler, **J.S. Uribe**. 10<sup>th</sup> Annual SOLAS Research Meeting. San Diego CA, May 18-20, 2017

PATIENTS OVER AGE 65 WITH POSTOPERATIVE MALALIGNMENT ARE NOT AS DISABLED AS YOUNGER PATIENTS R. Eastlack, K.M. Fu, P. Nunley, A. Kanter, S. Nguyen, G.M. Mundis, P. Park, F. La Marca, **J.S. Uribe**, K. Than, D. Okonkwo, N. Anand, R.G. Fessler, P. Mummaneni. 10<sup>th</sup> Annual SOLAS Research Meeting. San Diego CA, May 18-20, 2017.

THE EFFECT OF INTRADISCAL VACUUM PHENOMENON ON SURGICAL OUTCOME OF LATERAL INTERBODY FUSION FOR DEGENERATIVE LUMBAR DISEASE C. Yen, **J.S. Uribe**. 10<sup>th</sup> Annual SOLAS Research Meeting. San Diego CA, May 18-20, 2017.

A NOVEL 3D MRI NEUROGRAPHY TECHNIQUE FOR LUMBAR PLEXUS RECONSTRUCTION IN MINIMALLY INVASIVE LATERAL ACCESS SPINE SURGERY J. Januszewski, S. Decker, R. Murtagh, J. Ford, K. Bach, S.V. Gandhi, **J.S. Uribe**. 10<sup>th</sup> Annual SOLAS Research Meeting. San Diego CA, May 18-20, 2017.

THE COMPREHENSIVE ANATOMICAL CLASSIFICATION OF ANTERIOR RELEASE SURGERY (ACR) J. Januszewski, G.M. Mundis, S. Hu, P. Berjano, D.

Okonkwo, A. Kanter, V. Deviren, R. Eastlack, **J. S. Uribe**. 10<sup>th</sup> Annual SOLAS Research Meeting. San Diego CA, May 18-20, 2017.

MORPHOMETRIC ANALYSIS OF LUMBAR INTERVERTEBRAL DISC HEIGHT: AN IMAGING STUDY. K. Bach, J. Januszewski, J. Paluzzi, A. Vivas, J. Ford, S. Decker, **J.S. Uribe**. 10<sup>th</sup> Annual SOLAS Research Meeting. San Diego CA, May 18-20, 2017.

10<sup>th</sup> Annual SOLAS Research Meeting. San Diego CA, May 18-20, 2017.  
A MULTICENTER EVALUATION OF THE INCIDENCE OF PREOPERATIVE AND POSTOPERATIVE SPINOPELVIC MALALIGNMENT IN DEGENERATIVE SPINAL FUSIONS B. Segebarth, J.-C. Leveque, S. Schroerlucke, N. Khanna, J. Youssef, J. Pollina, I. Karikari, M. Ali, D. Orndorff, J. Billys, M. Dorsi, A. Prasher, A. Emami, A. Tohmeh, R. Isaacs, E. Laxer, N. Sahai, I. Siasios, **J.S. Uribe**.

Patients with High Pelvic Tilt Achieve the Same Clinical Success as Those with Low Pelvic Tilt After Minimally Invasive Deformity Surgery Gregory M. Mundis, Jr., Jacob Januszewski, **Juan S. Uribe**, Michael Y. Wang, Neel Anand, David O. Okonkwo, Stacie Nguyen, Praveen V. Mummaneni, Pierce D. Nunley, Paul Park, Adam S. Kanter, Joseph M. Zavatsky, Robert Eastlack, Behrooz A. Akbarnia, International Spine Study Group

33<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Spine Summit. Las Vegas, NV. Orlando, FL. March 8-11, 2017. Does Concave Versus Convex Approach Matter when Using Lateral Lumbar Interbody Fusion for Adult Scoliosis? Joseph M. Zavatsky, Adam S. Kanter, Gregory M. Mundis, Jr., Zachary Tempel, Stacie Nguyen, Dean Chou, Paul Park, **Juan S. Uribe**, Michael Y. Wang, Neel Anand, Robert Eastlack, Praveen V. Mummaneni, David O. Okonkwo, International Spine Study Group

33<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Spine Summit. Las Vegas, NV. Orlando, FL. March 8-11, 2017. 150 Early and Late Reoperation Rates and Etiologies are Similar Between cMIS and HYB Techniques for ASD Correction Robert Eastlack, Gregory M. Mundis, Jr., Stacie Nguyen, Praveen V. Mummaneni, David O. Okonkwo, Adam S. Kanter, Neel Anand, Paul Park, Pierce D. Nunley, **Juan S. Uribe**, Joseph M. Zavatsky, Dean Chou, Vedat Deviren, International Spine Study Group

33<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Spine Summit. Las Vegas, NV. Orlando, FL. March 8-11, 2017. Current MIS Techniques Fail to Optimize Spinopelvic Parameters in Patients with High Pelvic Incidence Gregory M. Mundis, Jr., Robert Eastlack, Praveen V. Mummaneni, David O. Okonkwo, Stacie Nguyen, Adam S. Kanter, Neel Anand, Paul Park, Pierce D. Nunley, **Juan S. Uribe**, Joseph M. Zavatsky, Dean Chou, Vedat Deviren, International Spine Study Group

33<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Spine Summit. Las Vegas, NV. Orlando, FL. March 8-11, 2017. How Does Case Type, Length of Stay, and Comorbidities Affect Medicare DRG Reimbursement for Minimally Invasive Surgery (MIS) for Deformity? Pierce D. Nunley, Richard G. Fessler, Paul Park, Joseph M. Zavatsky, Gregory M. Mundis, Jr., **Juan S. Uribe**, Robert Eastlack, Dean Chou, Michael Y. Wang, Neel Anand, Adam S. Kanter, Stacie Nguyen, Christopher I. Shaffrey, Praveen V. Mummaneni, International Spine Study Group

33<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Spine Summit. Las Vegas, NV. Orlando, FL. March 8-11, 2017. What is the Effect of Open Versus Percutaneous Screws on Complications Among Patients Undergoing Lateral Interbody Fusion for Adult Spinal Deformity? Khoi Duc Than, Stacie Nguyen, Paul Park, Dean Chou, Frank La Marca, **Juan S. Uribe**, Todd D. Vogel, Pierce D. Nunley, Robert Eastlack, Neel Anand, Adam S. Kanter, Praveen V. Mummaneni, Gregory M. Mundis, Jr., International Spine Study Group.

33<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Spine Summit. Las Vegas, NV. Orlando, FL. March 8-11, 2017. Lumbar Plexus Injury After MIS Lateral Transpsoas Interbody Fusion at L4/5 Level: A Review of 62 Consecutive Cases. Jacob Januszewski, Shashank Gandhi, Konrad Bach, Andrew C. Vivas, Chun Po Yen, Jason Michael Paluzzi, **Juan S. Uribe**

Congress of Neurological Surgeons Annual Meeting. San Diego, Ca. Sept 24-28, 2016. How Does Case Type, Length of Stay, and Comorbidities Affect Medicare DRG Reimbursement for Minimally Invasive Surgery (MIS) for Deformity? Pierce D. Nunley, Richard G. Fessler, Paul Park, Joseph M. Zavatsky, Gregory M. Mundis, Jr., **Juan S. Uribe**, Robert Eastlack, Stacie Nguyen, Dean Chou, Michael Y. Wang, Neel Anand, Adam S. Kanter, Christopher I. Shaffrey, Praveen V. Mummaneni, International Spine Study Group.

Congress of Neurological Surgeons Annual Meeting. San Diego, Ca. Sept 24-28, 2016. What is the Effect of Open Versus Percutaneous Screws on Complications. Among Patients Undergoing Lateral Interbody Fusion for Adult Spinal Deformity? Khoi Duc Than, Stacie Nguyen, Paul Park, Dean Chou, Frank La Marca, **Juan S. Uribe**, Todd Douglas Vogel, Pierce D. Nunley, Robert Eastlack, Neel Anand, Adam S. Kanter, Praveen V. Mummaneni, Gregory M. Mundis, Jr., International Spine Study Group

51<sup>st</sup> Annual Meeting and Course. Scoliosis Research Society. SRS. Prague, Czech Republic. September 21-24, 2016. Paper # 118 Current MIS Techniques Fail to Optimize Spinopelvic Parameters in Patients with High Pelvic Incidence. Gregory M. Mundis Jr., MD; Robert K. Eastlack, MD; Praveen V. Mummaneni, MD; David O Okonkwo, MD, PhD; Stacie Nguyen, MPH; Adam Kanter, MD; Neel

Anand, MD, Mch Orth; Paul Park, MD; Pierce D. Nunley, MD; **Juan S. Uribe, MD**; Joseph M. Zavatsky, MD; Dean Chou, MD; Vedat Deviren, MD; International Spine Study Group

51<sup>st</sup> Annual Meeting and Course. Scoliosis Research Society. SRS. Prague, Czech Republic. September 21-24, 2016. Paper # 57 What is the Effect of Open vs Percutaneous Screws on Complications Among Patients Undergoing Lateral Interbody Fusion for Adult Spinal Deformity? Khoi Duc Than, MD; Stacie Nguyen, MPH; Paul Park, MD; Dean Chou, MD; Frank LaMarca, MD; **Juan S. Uribe, MD**; Todd D Vogel, MD; Pierce D. Nunley, MD; Robert K. Eastlack, MD; Neel Anand, MD; Adam Kanter, MD; Praveen V. Mummaneni, MD; Gregory M. Mundis Jr., MD; International Spine Study Group

23<sup>nd</sup> International Meeting on Advanced Spine Techniques IMAST. Washington, DC. July 13-16. Abstract Oral Podium Presentation. How Does Case Type, Length Of Stay, and Comorbidities Affect Medicare DRG Reimbursement for Minimally Invasive Surgery (MIS) for Deformity?. Pierce D. Nunley, MD; Richard G. Fessler, MD, PhD; Paul Park, MD; Joseph M. Zavatsky, MD; Gregory M. Mundis, Jr., MD; **Juan S. Uribe, MD**; Robert K. Eastlack, MD; Dean Chou, MD; Michael Y. Wang, MD; Neel Anand, MD, Mch Orth; Adam Kanter, MD; Vedat Deviren, MD; Praveen V. Mummaneni, MD; International Spine Study Group

23<sup>nd</sup> International Meeting on Advanced Spine Techniques IMAST. Washington, DC. July 13-16. Abstract Oral Podium Presentation (Eastlack). Early and Late reoperation Rates and Etiologies Are Similar Between cMIS and HYB Techniques for ASD Correction. Robert K. Eastlack, MD; Gregory M. Mundis, Jr., MD; Stacie Nguyen, MPH; Praveen V. Mummaneni, MD; David .O Okonkwo, MD, PhD; Adam Kanter, MD; Neel Anand, MD, Mch Orth; Paul Park, MD; Pierce D. Nunley, MD; **Juan S. Uribe, MD**; Behrooz A. Akbarnia, MD; Dean Chou, MD; Vedat Deviren, MD; International Spine Study Group

84<sup>nd</sup> AANS Annual Scientific Meeting. Neurosurgery Leading the Way. Chicago, IL, April 30- May 4 2016. What is the impact of Obesity in MIS vs. OPEN surgery for adult spinal deformity? Oral Podium Presentation. Park P, La Marca F, Mummaneni PV, Fu KM, Nguyen S, Wang M, **Uribe J**, Anand N, Mundis G, Deviren V, Kanter AS, Fessler R, Shaffrey CI, Akbarnia B, Passias P, Nunley P, Chou D, Eastlack R, Okonkwo D.

84<sup>nd</sup> AANS Annual Scientific Meeting. Neurosurgery Leading the Way. Chicago, IL, April 30- May 4 2016. Comparison of early and late complications after circumferential minimally invasive and hybrid surgery for adult spinal deformity. Oral Podium Presentation (Kanter). Neel Anand, Zeeshan Sardar, Paul Park, Michael Y. Wang, Virginie Lafage, Stacie Nguyen, , David O. Okonkwo, **Juan S. Uribe**, Robert K. Eastlack, Richard G. Fessler, Vedat Deviren, Praveen V. Mummaneni, Christopher I. Shaffrey, Gregory M. Mundis, Jr., International Spine

Study Group.

ISASS 2016. Las Vegas, NV. April 6-8. Oral Podium Presentation. Can MCID Be Achieved in Elderly Patients Undergoing MIS Deformity Surgery? P. Park, D. Okonkwo, K-M. Fu, S. Nguyen, M. Wang, **J. Uribe**, N. Anand, G. Mundis, V. Deviren, R. Fessler, C. Shaffrey, D. Chou, P. Mummaneni, International Spine Study Group

ISASS 2016. Las Vegas, NV. April 6-8. Oral Podium Presentation. Circumferential Fusion for Thoracolumbar Adult Deformity Surgery: Effect of Open versus Percutaneous Pedicle Screw Fixation after MIS Lateral Interbody Fusion. A. Theologis, S. Nguyen, G. Mundis, B. Akbarnia, R. Eastlack, M. Wang, P. Mummaneni, **J. Uribe**, D. Okonkwo, N. Anand, A. Kanter, P. Park, R. Fessler, V. Deviren, International Spine Study Group

ISASS 2016. Las Vegas, NV. April 6-8. Oral Podium Presentation. The Impact of Minimally Invasive Spinal Deformity Surgery on ICU and Hospital Stay Speaker: M. Wang Authors: D. Chou, M. Wang, K-M. Fu, G. Mundis, C. Shaffrey, D. Okonkwo, A. Kanter, V. Deviren, **J. Uribe**, P. Nunley, N. Anand, P. Park, P. Mummaneni, International Spine Study Group

ISASS 2016. Las Vegas, NV. April 6-8. Comparison of Complications, Clinical and Radiographic Outcomes between Non-obese and Obese Patients with Adult Spinal Deformity Undergoing Minimally Invasive Surgery. P. Park, M. Wang, S. Nguyen, G. Mundis, F. La Marca, **J. Uribe**, N. Anand, D. Okonkwo, A. Kanter, R. Fessler, R. Eastlack, D. Chou, V. Deviren, P. Nunley, C. Shaffrey, P. Mummaneni, International Spine Study Group.

ISASS 2016. Las Vegas, NV. April 6-8. A Critical Analysis of Sagittal Plane Deformity Correction with Minimally Invasive Adult Spinal Deformity Surgery: A 2-year Follow up Study. G. Mundis, V. Deviren, **J. Uribe**, P. Nunley, P. Mummaneni, N. Anand, P. Park, D. Okonkwo, M. Wang, S. Bess, A. Kanter, R. Fessler, S. Nguyen, B. Akbarnia, J. Zavatsky, International Spine Study Group

ISASS 2016. Las Vegas, NV. April 6-8. Comparison of Early and Late Complications after Circumferential Minimally Invasive and Hybrid Surgery for Adult Spinal Deformity. J. Cuellar, N. Anand, K.-M. Fu, Z. Sardar, P. Park, M. Wang, V. Lafage, S. Nguyen, D. Okonkwo, **J. Uribe**, R. Eastlack, R. Fessler, V. Deviren, P. Mummaneni, C. Shaffrey, G. Mundis, International Spine Study Group

ISASS 2016. Las Vegas, NV. April 6-8. Clinical and Radiographic Parameters Associated with Best vs. Worst Clinical Outcomes in Minimally Invasive Deformity Surgery. K. Than, P. Park, K-M. Fu, S. Nguyen, M. Wang, C. Shaffrey, S. Bess, B. Akbarnia, V. Deviren, **J. Uribe**, D. Okonkwo, G. Mundis, P. Mummaneni, P. Nunley, International Spine Study Group

32<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Orlando, FL. March 16-19, 2016. What is the impact of Obesity in MIS vs. OPEN surgery for adult spinal deformity? . Park P, La Marca F, Mummaneni PV, Fu KM, Nguyen S, Wang M, **Uribe J**, Anand N, Mundis G, Deviren V, Kanter AS, Fessler R, Shaffrey CI, Akbarnia B, Passias P, Nunley P, Chou D, Eastlack R, Okonkwo D.

32<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Orlando, FL. March 16-19, 2016. Utility of lateral interbody fusion of the thoracolumbar curve's apex in adult deformity surgery. Alexander A. Theologis, MD; Greg Mundis Jr., MD; David Okonkwo, MD, PhD; Praveen V. Mummaneni, MD; Christopher Shaffrey, MD; Richard Fessler, MD; Shay Bess, MD; Frank Schwab, MD; Bassel Diebo, MD; Douglas Burton, MD; Robert Hart, MD; Christopher Ames, MD, Vedat Deviren, MD; International Spine Study Group (ISSG).

32<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Orlando, FL. March 16-19, 2016. Femoral And Obturator Nerve Injury After Lateral Retroperitoneal Transpsoas Approach: Prognostic Indicators For Recovery. Andrew Vivas, MD; Chun-Po Yen, MD; Konrad Bach, MD; Naomi Abel, MD; **Juan S. Uribe, MD**.

32<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Orlando, FL. March 16-19, 2016. Session Moderator. Comparison between L5/S1 TLIF vs ALIF for Interbody fusion.

32<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Orlando, FL. March 16-19, 2016. Oral Abstract Presentation. Long Term Images and Clinical Outcomes of L4/5 Lateral Transpsoas interbody fusion.

9<sup>th</sup> Annual SOLAS Research Meeting. Platform Oral Presentation. San Diego CA, March 10-12, 2016. What Is The Effect Of Open Vs Percutaneous Screws On Complications Among Patients Undergoing Lateral Interbody Fusion for Adult Spinal Deformity? Khoi Than, MD; Stacie Nguyen, MD; Paul Park, MD; Dean Chou, MD; Frank La Marca, MD; **Juan S. Uribe, MD**; Todd Vogel, MD; Pierce Nunley, MD; Robert K. Eastlack, MD; Neel Anand, MD; Adam S. Kanter, MD; Praveen Mummaneni, MD; Gregory Mundis Jr, MD; ISSG

9<sup>th</sup> Annual SOLAS Research Meeting. Platform Oral Presentation. San Diego CA, March 10-12, 2016. Does Concave Versus Convex Approach Matter When Using Lateral Lumbar Interbody Fusion For Adult Scoliosis?. Adam S. Kanter, MD; Zachary J. Tempel, MD; Joseph M. Zavatsky, MD; Greg M. Mundis, MD; Stacie Nguyen, MD; Dean Chou, MD; Paul Park, MD; **Juan S. Uribe, MD**; Mike

Wang, MD; Neel Anand, MD; Robert Eastlack, MD; Praveen V. Mummaneni, MD; David O. Okonkwo; MD; International Spine Study Group.

9<sup>th</sup> Annual SOLAS Research Meeting. Platform Oral Presentation. San Diego CA, March 10-12, 2016. Early and Late Reoperation Rates and Etiologies Are Similar Between cMIS and HYB Techniques for ASD Correction. Robert K. Eastlack, Gregory Mundis, Stacie Nguyen, Praveen Mummaneni, David O. Okwonko, Adam S. Kanter, Neel Anand, Paul Park, Pierce Nunley, **Juan S. Uribe**, Behrooz A Akbarnia, Dean Chou, Vedat Deviren, ISSG

9<sup>th</sup> Annual SOLAS Research Meeting. Platform Oral Presentation. San Diego CA, March 10-12, 2016. Patients with High Pelvic Tilt Achieve the Same Clinical Success as Those with Low Pelvic Tilt After Minimally Invasive Deformity Surgery. **Juan S. Uribe, MD**; Gregory Mundis, MD; Michael Wang, MD; Neel Anand, MD; David O. Okonkwo, MD; Stacie Nguyen, MD; Praveen Mummaneni, MD; Pierce Nunley, MD; Paul Park, MD; Adam S. Kanter, MD; Joseph M. Zavatsky, MD; Robert K. Eastlack, MD; Behrooz Akbarnia, MD; ISSG

9<sup>th</sup> Annual SOLAS Research Meeting. Platform Oral Presentation. San Diego CA, March 10-12, 2016. Current MIS Techniques Fail to Optimize Spinopelvic Parameters in Patients with High Pelvic Incidence. Gregory Mundis, MD; Robert K. Eastlack, MD; Praveen Mummaneni, MD; David O. Okwonko, MD; Stacie Nguyen, MD; Adam S. Kanter, MD; Neel Anand, MD; Paul Park, MD; Pierce Nunley, MD; **Juan S. Uribe, MD**; Joseph M. Zavatsky, MD; Dean Chou, MD; Vedat Deviren, MD; ISSG

9<sup>th</sup> Annual SOLAS Research Meeting. Platform Oral Presentation. San Diego CA, March 10-12, 2016. Biomechanical Study of Rod Stress after Pedicle Subtraction Osteotomy versus Anterior Column Reconstruction: a Finite Element Study. **Juan S. Uribe, MD**; Jeffrey E. Harris, MS; Alexander W. Turner, PhD; Chun Po Yen, MD

9<sup>th</sup> Annual SOLAS Research Meeting. Platform Oral Presentation. San Diego CA, March 10-12, 2016. Minimally Invasive Lateral Retropleural Approach for Symptomatic Thoracic Disc Herniations. Chun-Po Yen, MD; Konrad Bach MD; **Juan S. Uribe, MD**

9<sup>th</sup> Annual SOLAS Research Meeting. Platform Oral Presentation. San Diego CA, March 10-12, 2016. Impact of Multi-Level Interbody Fusion in the Treatment of Severe Adult Scoliosis (Thoracolumbar Coronal Cobb Angle > 50 Degrees). Joseph M. Zavatsky, MD; Michael Y. Wang, MD; Paul Park, MD; Dean Chou, MD; Adam S. Kanter, MD; **Juan S. Uribe, MD**; Pierce Nunley, MD; Robert K. Eastlack, MD; Behrooz Akbarnia, MD; Neel Anand, MD; Stacie Nguyen, MD; Praveen Mummaneni, MD; Gregory Mundis, MD; ISSG

9<sup>th</sup> Annual SOLAS Research Meeting. Platform Oral Presentation. San Diego



CA, March 10-12, 2016. Preservation and Restoration of Segmental and Regional Spinal Lordosis Using Minimally Invasive Interbody Fusion Techniques in Degenerative Lumbar Conditions: a Literature Review. **Juan S. Uribe**, M; Jim A. Youssef, M; Sue Lynn Myhre, Ph

9<sup>th</sup> Annual SOLAS Research Meeting. Platform Oral Presentation. San Diego CA, March 10-12, 2016. Femoral And Obturator Nerve Injury After Lateral Retroperitoneal Transpoas Approach: Prognostic Indicators For Recovery. Andrew Vivas, MD; Chun-Po Yen, MD; Konrad Bach, MD; Naomi Abel, MD; **Juan S. Uribe, MD.**

SMISS Global Forum'15. Las Vegas, NV. November 5-7. Oral presentation. The Impact of Minimally Invasive Spinal Deformity Surgery on ICU and Hospital Stay Dean Chou, MD; Michael Wang, MD; Kai-Ming Fu, MD; Gregory Mundis Jr, MD; Christopher Shaffrey, MD; David Okonkwo, MD; Adam Kanter, MD; Vedat Deviren, MD; **Juan Uribe, MD**; Pierce Nunley, MD; Neel Anand, MD; Paul Park, MD; Praveen Mummaneni, MD; International Spine Study Group

SMISS Global Forum'15. Las Vegas, NV. November 5-7. Oral presentation. Comparison of Complications and Clinical and Radiographic Outcomes Between Non-obese and Obese Patients with Adult Spinal Deformity Undergoing Minimally Invasive Surgery Paul Park, MD; Michael Wang, MD; Stacie Nguyen, MPH; Gregory Mundis, MD; Frank La Marca, MD; **Juan Uribe, MD**; Neel Anand, MD; David Okonkwo, MD, PhD; Adam Kanter, MD; Richard Fessler, MD, PhD; Robert Eastlack, MD; Dean Chou, MD; Vedat Deviren, MD; Pierce Nunley, MD; Christopher Shaffrey, MD; Praveen Mummaneni, MD.

SMISS Global Forum'15. Las Vegas, NV. November 5-7. Oral presentation. Comparison of Early and Late Complications After Circumferential Minimally Invasive and Hybrid Surgery for Adult Spinal Deformity. Neel Anand, MD; Zeeshan Sardar, MD; Paul Park, MD; Michael Wang, MD; Virginie Lafage, PhD; Stacie Nguyen, MPH; David Okonkwo, MD; **Juan Uribe, MD**; Robert Eastlack, MD; Richard Fessler, MD; Vedat Deviren, MD; Praveen Mummaneni, MD; Chistopher Shaffrey, MD; Gregory Mundis Jr, MD; International Spine Study Group

Annual Meeting of the Congress Of Neurological Surgeons. New Orleans, LO. September 26-30, 2015. A Critical Analysis of Sagittal Plane Deformity correction with Minimally Invasive Surgery: A 2 Year-Follow Up Study of Deformity Patients Categorized by the SRS-Schwab Classification. Gregory Mundis, **Juan S. Uribe**, Praveen V. Mummaneni, Neel Anand, Paul Park, David O. Okonkwo, Adam S. Kanter, Richard G. Fessler, Stacie Nguyen, Behrooz A. Akbarnia, Shay Bess, Michael Y. Wang, Frank La Marca, Khoi Duc Than, Vedat Deviren, Dean Chou, Virginie Lafage, Frank Schwab, Christopher I. Shaffrey

Annual Meeting of the Congress Of Neurological Surgeons. New Orleans, LO.

September 26-30, 2015. What Is the Impact of Obesity in MIS vs. OPEN Surgery for Adult Spinal Deformity? . Paul Park, Praveen V. Mummaneni, Frank La Marca, Kai-Ming G. Fu, Stacie Nguyen, Michael Y. Wang, **Juan S. Uribe**, Neel Anand, Gregory Mundis, Vedat Deviren, Adam S. Kanter, Richard G. Fessler, Christopher I. Shaffrey, Behrooz A. Akbarnia, Peter G. Passias; Pierce D. Nunley, Dean Chou, Robert Eastlack, David O. Okonkwo. Oral Abstract Presentation

22<sup>nd</sup> International Meeting on Advanced Spine Techniques. Kuala Lumpur, Malaysia July 8-11, 2015. A Critical Analysis of Sagittal Plane Deformity Correction with Minimally Invasive Adult Spinal Deformity Surgery: A Two-Year Follow Up Study Gregory M. Mundis, MD; Vedat Deviren, MD; **Juan S. Uribe, MD**; Pierce D. Nunley, MD; Praveen V. Mummaneni, MD; Neel Anand, MD, Mch Orth; Paul Park, MD; David O. Okonkwo, MD, PhD; Michael Y Wang, MD; Shay Bess, MD; Adam Kanter, MD; Richard G. Fessler, MD, PhD; Stacie Nguyen, MPH; Behrooz A. Akbarnia, MD; International Spine Study Group

22<sup>nd</sup> International Meeting on Advanced Spine Techniques. Kuala Lumpur, Malaysia July 8-11, 2015. Does MiS Surgery Allow for Shorter Constructs in the Surgical Treatment of ASD? **Juan S. Uribe, MD**; Praveen V. Mummaneni, MD; David O. Okonkwo, MD, PhD; Pierce D. Nunley, MD; Robert K. Eastlack, MD; Paul Park, MD; Behrooz A. Akbarnia, MD; Christopher I. Shaffrey, MD; Vedat Deviren, MD; Stacie Nguyen, MPH; Neel Anand, MD, Mch Orth; Adam Kanter, MD; Richard G. Fessler, MD, PhD; Gregory M. Mundis, MD; International Spine Study Group

22<sup>nd</sup> International Meeting on Advanced Spine Techniques. Kuala Lumpur, Malaysia July 8-11, 2015. Clinical and Radiographic Parameters Associated with Best versus Worst Clinical Outcomes in Minimally Invasive Deformity Surgery. Khoi Duc Than, MD; Paul Park, MD; Kai-Ming Gregory Fu; Stacie Nguyen, MPH; Michael Y Wang, MD; Christopher I. Shaffrey, MD; Shay Bess, MD; Behrooz A. Akbarnia, MD; Vedat Deviren, MD; **Juan S. Uribe, MD**; David O Okonkwo, MD, PhD; Gregory M. Mundis, MD; Praveen V. Mummaneni, MD; International Spine Study Group. Oral Abstract Presentation.

15<sup>th</sup> .The International Society for the Advancement of Spine Surgery (ISASS) Meeting. San Diego, CA. April 15-17, 2015 Hip Flexion Weakness after XLIF at L4-L5. R.E. Isaacs, J.A. Youssef, **J.S. Uribe**. SOLAS Degenerative Study Group. Oral Abstract Presentation.

15<sup>th</sup> .The International Society for the Advancement of Spine Surgery (ISASS) Meeting. San Diego, CA. April 15-17, 2015. The Effects of Cage Size on Motor and Sensory Nerve Function during the XLIF® Procedure: Preliminary Results from a Prospective, Multi-center Study. **J.S. Uribe**, J.A. Youssef, R.E. Isaacs, SOLAS Degenerative Study Group. Oral Abstract Presentation.

15<sup>th</sup> .The International Society for the Advancement of Spine Surgery (ISASS) Meeting. San Diego, CA. April 15-17, 2015. Can Triggered Electromyography Monitoring throughout Retraction Predict Postoperative Symptomatic Neuropraxia after XLIF? Results from a Prospective Multicenter Trial. R.E. Isaacs, J.A. Youssef, **J.S. Uribe**, SOLAS Degenerative Study Group. Oral Abstract Presentation.

15<sup>th</sup> .The International Society for the Advancement of Spine Surgery (ISASS) Meeting. San Diego, CA. April 15-17, 2015. Deformity Correction with MIS Techniques. Spine Talk. Moderator

8<sup>th</sup> Annual SOLAS Research Meeting. San Diego CA, April 18, 2015. Does MIS Surgery Allow for Shorter Constructs in the Surgical Treatment of ASD? **J.S. Uribe**, P.V. Mummaneni, D.O. Okonkwo, P. Nunley, R.K. Eastlack, P. Park, B.A. Akbarnia, C.I. Shaffrey, V. Deviren, S. Nguyen, N. Anand, A.S. Kanter, R.G. Fessler, G.M. Mundis, International Spine Study Group Foundation. Oral Abstract Presentation

8<sup>th</sup> Annual SOLAS Research Meeting. San Diego CA, April 18. Circumferential Fusion for Thoracolumbar Adult Deformity Surgery: Effect of Open Versus Percutaneous Pedicle Screw Fixation After MIS Lateral Interbody Fusion. A.A. Theologis, S. Nguyen, G.M. Mundis, B.A. Akbarnia, R.K. Eastlack, M.Y. Wang, P.V. Mummaneni, **J.S. Uribe**, D.O. Okonkwo, N. Anand, A.S. Kanter, P. Park, R.G. Fessler, V. Deviren, International Spine Study Group Foundation

8<sup>th</sup> Annual SOLAS Research Meeting. San Diego CA, April 18, 2015. A Critical Analysis of Sagittal Plane Deformity Correction with Minimally Invasive Adult Spinal Deformity Surgery: A 2-Year Follow up Study G.M. Mundis, V. Deviren, **J.S. Uribe**, P. Nunley, P.V. Mummaneni, N. Anand, R.K. Eastlack, P. Park, D.O. Okonkwo, M.Y. Wang, S. Bess, A.S. Kanter, R.G. Fessler, S. Nguyen, B.A. Akbarnia, International Spine Study Group Foundation. Oral Abstract Presentation.

8<sup>th</sup> Annual SOLAS Research Meeting. San Diego CA, April 18, 2015. The Potentially Fatal Ogilvie's Syndrome in Lateral Access Surgery: A Multi-Institutional Experience with 1187 Patients. J.M. Beckman, G. Murray, K. Bach, **J. Uribe**. Oral Abstract Presentation.

8<sup>th</sup> Annual SOLAS Research Meeting. San Diego CA, April 18, 2015. A Critical Analysis of Sagittal Plane Deformity Correction with Minimally Invasive Adult Spinal Deformity Surgery: A 2-Year follow up Study. Oral Abstract Presentation.

8<sup>th</sup> Annual SOLAS Research Meeting. San Diego CA, April 18, 2015. Contralateral Complications Related to the Minimally Invasive Lateral

Retroperitoneal Approach. G.murray, J.M. Beckman, **J.S. Uribe**. Oral Abstract Presentation.

31<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Phoenix, AZ. March 4-7, 2015. Does the Use of Minimally Invasive Pedicle Screw Fixation Lower the Rate of PJK and Reoperation for Proximal Junctional Failure (PJF). Paul Park, Praveen V. Mummaneni, Gregory Mundis, Neel Anand, **Juan S. Uribe**, Michael Y. Wang, Adam S. Kanter, Richard G. Fessler, Stacie Nguyen, Christopher I. Shaffrey, Kai-Ming G. Fu. Oral Abstract Presentation.

31<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Phoenix, AZ. March 4-7, 2015. Do MIS Deformity Interventions Result in Similar Reductions of Disability When Compared with Traditional Open Spinal Deformity Correction at One and Two Years? A Propensity Matched Cohort Analysis. Kai-Ming G. Fu, Adam S. Kanter, Gregory Mundis, Paul Park, Christopher I. Shaffrey, Frank LaMarca, Michael Y. Wang, **Juan S. Uribe**, Richard G. Fessler, Praveen V. Mummaneni. Oral Abstract Presentation.

31<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Phoenix, AZ. March 4-7, 2015. Indirect Decompression is Best for Scoliosis with Foraminal Stenosis. Debate. Platform Presentation.

31<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Phoenix, AZ. March 4-7, 2015. Advanced Lateral Access Interbody Fusion: Deformity Directors: Adam Kanter, **Juan Uribe**.

31<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Phoenix, AZ. March 4-7, 2015. Hip Flexion Weakness After XLIF. **Juan S. Uribe**, Jim A. Youssef, Robert E. Isaacs, SOLAS Degenerative Study Group. Oral Abstract Presentation.

31<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Phoenix, AZ. March 4-7, 2015. Can Triggered Electromyography Monitoring Throughout Retraction Predict Postoperative Symptomatic Neuropraxia after XLIF? Results from a Prospective Multicenter Trial. **Juan S. Uribe**, Jim A. Youssef, Robert E. Isaacs, SOLAS Degenerative Study Group. Oral Abstract Presentation

31<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Phoenix, AZ. March 4-7, 2015. Safety of L4-5 Lateral Interbody Fusion via Minimally Invasive Lateral Transpsoas Approach: The Long Term Clinical Experience Gisela Murray, Joshua Marshall Beckman, Konrad Bach, **Juan S. Uribe**. Oral Abstract Presentation.

31<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Phoenix, AZ. March 4-7, 2015. Re-operation Rates in Minimally Invasive, Hybrid and Open Surgical Treatment for Adult Spinal Deformity with Minimum Two-year Follow-up. Kai-Ming G. Fu, Adam S. Kanter, David O. Okonkwo, Gregory Mundis, Praveen V. Mummaneni, Neel Anand, Richard G. Fessler, Paul Park, Frank LaMarca, **Juan S. Uribe**, Michael Y. Wang

31<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Phoenix, AZ. March 4-7, 2015. Gisela Murray, **Juan S. Uribe**, Konrad Bach, Joshua Marshall Beckman Complications of the Minimally Invasive Anterior Column Release after Restoration of Global Sagittal Balance in Adult Deformity Surgery. Oral Abstract Presentation.

21<sup>st</sup> International Meeting On Advanced Spine Techniques (IMAST). Valencia, Spain July 16-19, 2014. Hands On Workshop. Anterior Column Realignment (ACR™): Techniques to Restore Global Alignment. Platform Presentation

21<sup>st</sup> International Meeting On Advanced Spine Techniques (IMAST). Valencia, Spain July 16-19, 2014. Defining Peri-operative Complications following Anterior Column Realignment (ACR) for Adult Sagittal Plane Deformity: A Multicenter Analysis Gregory M. Mundis, MD; Behrooz A. Akbarnia, MD; Robert K. Eastlack, MD; Stacie Nguyen, MPH; Donald J. Blaskiewicz, MD; Luiz Pimenta, MD, PhD; Rex Marco, MD; Ramin Bagheri, MD; Vedat Deviren, MD; **Juan S. Uribe, MD.** E-Poster

21<sup>st</sup> International Meeting On Advanced Spine Techniques (IMAST). Valencia, Spain July 16-19, 2014. Re-Operation Rates in Minimally Invasive, Hybrid and Open Surgical Treatment for Adult Spinal Deformity with Minimum Two-Year Follow Up Adam S. Kanter, MD; Gregory M. Mundis, MD; Praveen V. Mummaneni, MD; Neel Anand, MD; Richard G. Fessler, MD, PhD; Peter G. Passias, MD; Paul Park, MD; Virginie Lafage, PhD; Frank La Marca, MD; **Juan S. Uribe**, MD; Michael Y. Wang, MD; Behrooz A. Akbarnia, MD; Christopher I. Shaffrey, MD; David O. Okonkwo, MD, PhD; International Spine Study Group. E-Poster334

21<sup>st</sup> International Meeting On Advanced Spine Techniques (IMAST). Valencia, Spain July 16-19, 2014. Radiographic Outcomes following Anterior Column Realignment (ACR) with and without Posterior Osteotomies Robert K. Eastlack, MD; Gregory M. Mundis, MD; Stacie Nguyen, MPH; Donald J. Blaskiewicz, MD; Luiz Pimenta, MD, PhD; **Juan S. Uribe**, MD; Rex Marco, MD; Behrooz A. Akbarnia, MD.

21<sup>st</sup> International Meeting On Advanced Spine Techniques (IMAST). Valencia, Spain July 16-19, 2014. Does the Use of Minimally Invasive Pedicle Screw Fixation Lower the Rate of PJK? Paul Park, MD; Praveen V. Mummaneni, MD;

Gregory M. Mundis, MD; Neel Anand, MD; Pierce D. Nunley, MD; **Juan S. Uribe, MD**; Michael Y. Wang, MD; Adam S. Kanter, MD; David O. Okonkwo, MD, PhD; Richard G. Fessler, MD, PhD; Vedat Deviren, MD; Stacie Nguyen, MPH; Christopher I. Shaffrey, MD; Kai-Ming Fu, MD, PhD; International Spine Study Group

21<sup>st</sup> International Meeting On Advanced Spine Techniques (IMAST). Valencia, Spain July 16-19, 2014. Does Minimally Invasive Pedicle Screw Placement Prevent Reoperation For Distal Junctional Failure When fusion is to L5?. A two Year follow up study. Richard G. Fessler, MD, PhD; Praveen V. Mummaneni, MD; Neel Anand, MD; Donald J. Blaskiewicz, MD; **Juan S. Uribe, MD**; Michael Y. Wang, MD; Adam S. Kanter, MD; David O. Okonkwo, MD, PhD; Paul Park, MD; Vedat Deviren, MD; Stacie Nguyen, MPH; Christopher I. Shaffrey, MD; Behrooz A. Akbarnia, MD; Gregory M. Mundis, MD; International Spine Study Group

21<sup>st</sup> International Meeting On Advanced Spine Techniques (IMAST). Valencia, Spain July 16-19, 2014. Anterior, Transpsoas, Posterior-Only: How to Choose the Best Approach. Oral Platform Presentation. Invited Faculty.

21<sup>st</sup> International Meeting On Advanced Spine Techniques (IMAST). Valencia, Spain July 16-19, 2014. MIS Deformity round table. Oral Platform Presentation. Invited Faculty

21<sup>st</sup> International Meeting On Advanced Spine Techniques (IMAST). Valencia, Spain July 16-19, 2014 MIS Thoracolumbar Degenerative & Deformity. Oral Platform Presentation. Invited Faculty

21<sup>st</sup> International Meeting On Advanced Spine Techniques (IMAST). Valencia, Spain July 16-19, 2014. Paper #115: Evoked Electromyography (EMG) throughout Retraction to Monitor Nerve Integrity During the Minimally Invasive Lateral Transpsoas Interbody Fusion: Preliminary Results from a Prospective, Multicenter Study Robert E. Isaacs, MD; Jim A. Youssef, MD; **Juan S. Uribe, MD**; Solas Degenerative Study Group

21<sup>st</sup> International Meeting On Advanced Spine Techniques (IMAST). Valencia, Spain July 16-19, 2014. Paper #80: Adult Spinal Deformity Treated with Minimally Invasive Techniques: Two-Year Multicenter Clinical and Radiographic Outcomes Study Comparing Circumferential MIS and Hybrid Surgery Gregory M. Mundis, MD; Behrooz A. Akbarnia, MD; Praveen V. Mummaneni, MD; Adam S. Kanter, MD; David O. Okonkwo, MD, PhD; Paul Park, MD; **Juan S. Uribe, MD**; Vedat Deviren, MD; Neel Anand, MD; Michael Y. Wang, MD; Frank La Marca, MD; Richard G. Fessler, MD, PhD; Stacie Nguyen, MPH; Robert K. Eastlack, MD; International Spine Study Group

21<sup>st</sup> International Meeting On Advanced Spine Techniques (IMAST). Valencia, Spain July 16-19, 2014. Paper #77: Finite Element Analysis of Lordosis Restoration with Anterior Longitudinal Ligament Release and Lateral Hyperlordotic Cage Placement **Juan Uribe, MD**; Jeffrey E. Harris; Alexander Turner, PhD; Gregory Mundis, Jr., MD; Behrooz A. Akbarnia, MD.

21<sup>st</sup> International Meeting On Advanced Spine Techniques (IMAST). Valencia, Spain July 16-19, 2014. Debate 2: Pathological Loss of Lumbar Lordosis with Positive Sagittal Imbalance: Minimally Invasive versus Open Treatment. Platform Presentation. Invited Faculty.

11<sup>th</sup> Annual Spine Technology and Educational Group Organization. State of Spine Surgery: A Think Tank. Cabo San Lucas, Mexico. June 26-28. Neuromonitoring Use and Limitations. Platform Presentation. Invited Faculty

11<sup>th</sup> Annual Spine Technology and Educational Group Organization. State of Spine Surgery: A Think Tank. Cabo San Lucas, Mexico. June 26-28. Moderator Session: Spinal Sagittal Balance. Platform Presentation. Invited Faculty

11<sup>th</sup> Annual Spine Technology and Educational Group Organization. State of Spine Surgery: A Think Tank. Cabo San Lucas, Mexico. June 26-28. MIS Complications. Platform Presentation. Invited Faculty.

4<sup>th</sup> Annual World Congress of Minimally Invasive Spine Surgery and Techniques, Paris, France, June 11-14, 2014. Degenerative Lumbar Scoliosis. Case Presentation. Invited Faculty

4<sup>th</sup> Annual World Congress of Minimally Invasive Spine Surgery and Techniques, Paris, France, June 11-14, 2014. Multiplanar Deformity Correction: Indications to Limitations. Platform Presentation. Invited Faculty

World Spine 6. Jamaica, May 5-6, 2014. Advanced XLIF techniques. Platform Oral Presentation. Invited faculty

7<sup>th</sup> Annual SOLAS Research Meeting. Miami, April 29, 2014. Finite Element Analysis of Anterior Column Reconstruction and Lateral Hyperlordotic Cage Placement. Oral Platform Presentation

7<sup>th</sup> Annual SOLAS Research Meeting. Miami, April 29, 2014. Evoked Electromyography (EMG) Throughout Retraction to Monitor Nerve Integrity During the XLIF Procedure. Oral Platform Presentation

7<sup>th</sup> Annual SOLAS Research Meeting. Miami, April 29, 2014. Minimally Invasive Anterior Column Realignment for the treatment of Sagittal Plane Deformity. A multicentric Study. Oral Platform Presentation

14<sup>th</sup> ISASS Annual Scientific Meeting. Miami, FL. April 29- May 2, 2014. Moderator Cross talk Session. Adult Spinal Deformity.

Park MS, Billys JB, Isaacs RE, Pimenta L, **Uribe JS**. Contralateral Psoas Hematoma after MIS Retroperitoneal Transpsoas Lumbar Interbody Fusion. e-poster presentation at the 4<sup>th</sup> Annual World Congress of Minimally Invasive Spine Surgery and Techniques, Paris, France, June 11-14, 2014.

Spine Deformity Solutions: A Hands-On Course. Presented by AANS and SRS. Houston, TX. April 24-26, 2014. Minimally Invasive Techniques for Optimal Posterior Placement of Thoracolumbar Pedicle Screws in Deformity Correction. Platform Presentation.

30<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Orlando, FL. March 5-8, 2014. Special Course II – Cases and complications with the Masters. Lateral Retroperitoneal Fusion for Degenerative Deformity. Oral Platform Presentation.

30<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Orlando, FL. March 5-8, 2014. Luncheon Symposium III – Lateral Retroperitoneal Interbody Fusion: Technique and Outcomes. Course Director. Degenerative Deformity Correction. Oral Platform Presentation

30<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Orlando, FL. March 5-8, 2014. MIS Approaches to Deformity. Oral Platform Presentation

30<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Orlando, FL. March 5-8, 2014. Special Course IV- Advances MIS Techniques/Managing MIS Complications. Lateral Techniques for Deformity Correction. Oral Platform Presentation

30<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Orlando, FL. March 5-8, 2014. Scientific Session VIII. MIS Deformity Surgery. Wave of the Future. Oral Platform Presentation.

Invited faculty. Spinal Deformity Cadaveric Lab. MIS Lateral. Spinal Deformity Live. Feb 28- March 1, 2014. Saint Louis, MO



Invited faculty. Oral platform presentation. Adult Degenerative Deformity- Minimally Invasive Techniques. Spinal Deformity Live. Feb 28- March 1, 2014. Saint Louis, MO

Invited faculty. Oral platform presentation. Adult Deformity- MIS Lateral Interbody Fusion: When, Why and How? Can This Technique Produce Optimal Sagittal Alignment. Spinal Deformity Live. Feb 28- March 1, 2014. Saint Louis, MO

65<sup>th</sup> AANS Southern Neurosurgical Society Annual Meeting. Feb 19-22, 2014. San Juan, PR. Stand-alone Minimally Invasive Lateral Lumbar Interbody Fusion: multicenter clinical outcomes. Oral Platform Presentation.

Invited faculty. Oral platform presentation. My Worst Surgical Day Ever. 13<sup>th</sup> Annual Symposium on Current Concepts on Spinal Disorders 2014. Jan 30-Feb 1, 2014. Las Vegas, NV

Invited faculty. Oral platform presentation. MIS lateral in Spinal Deformity an Enabling or Disabling Technology. 13<sup>th</sup> Annual Symposium on Current Concepts on Spinal Disorders 2014. Jan 30-Feb 1, 2014. Las Vegas, NV

Invited faculty. Oral platform presentation. Management of moderate Kyphosis lordosis using The MIS Lateral approach. Base to Summit Spine Meeting. January 17-20, 2014. Beaver Creek, CO

Invited faculty. Oral platform presentation. The MIS Lateral approach. When, Why, How. Base to Summit Spine Meeting. January 17-20, 2014. Beaver Creek, CO

Park MS, Le TV, Smith DA, **Uribe JS**. Minimally Invasive Lateral Approach for Hybrid Pedicle Subtraction Osteotomy: A Technical Note. Presented at the 2013 Annual Meeting of the Congress of Neurological Surgeons, San Francisco, CA, October 19-23, 2013.

Deukmedjian AR, Bach K, Park M, **Uribe JS**. Bowel and Vascular Injury Following 13,000 Lateral Interbody Fusions. Presented at the 2013 Annual Meeting of the Society for Minimally Invasive Spine Surgery, Las Vegas, NV, November 1-3, 2013

Invited Faculty. Oral Platform Presentation. Lateral Plexus Anatomic Constrains at L3/4, L4/5. SMISS annual meeting. November 2, 2013. Las Vegas, NV.

Invited Faculty. Platform Presentation. The XLIF approach. II Curso de Neurocirugia Contemporanea. November 8-9. Bogota, Colombia

Invited Faculty. Platform Presentation. MIS deformity treatment. II Curso de Neurocirugia Contemporanea. November 8-9. Bogota, Colombia

Annual IMAST. Meeting. July 10, 2013. Vancouver, Canada. Are Complications in Adult Spinal Deformity (ASD) Surgery Related to Approach or Patient Characteristics? A Retrospective Propensity Matched Cohort Analysis of Minimally Invasive (MIS), Hybrid (HYB), and Open (OPEN) approaches. Oral Platform Presentation.

4<sup>th</sup> XLIF Consensus Meeting Italy. September 14-15, 2013. Oral Platform Presentation. Are Complications in Adult Spinal Deformity (ASD) Surgery Related to Approach or Patient Characteristics? A Retrospective Propensity Matched Cohort Analysis of Minimally Invasive (MIS), Hybrid (HYB), and Open (OPEN) approaches.

4<sup>th</sup> XLIF Consensus Meeting Italy. The ACR procedure. September 14-15, 2013. Oral Platform Presentation.

MIS Lateral Lumbar Interbody Fusion. ONE spine Fellows 2013. Seattle, Aug. 15-18, 2013. Oral Platform Presentation.

XLIF Live. Sao Paulo, Brasil. June 15-16, 2013. Invited faculty. XLIF Corpectomy. Oral Platform Presentation

XLIF Live. Sao Paulo, Brasil. June 15-16, 2013. Invited faculty. Indirect Decompression. Oral Platform Presentation.

81<sup>th</sup>. AANS Annual Scientific Meeting. Changing Our Culture to Advance Patient Safety. New Orleans, Louisiana. April 27-May 1, 2013. Cadaveric Course. Direct Lateral Retroperitoneal Transpsoas Fusion. Co-Director. Oral Platform Presentation.

81<sup>th</sup>. AANS Annual Scientific Meeting. Changing Our Culture to Advance Patient Safety. New Orleans, Louisiana. April 27-May 1, 2013. Practical course. Lumbar Interbody Fusion: Direct Lateral Retroperitoneal Transpsoas Fusion. Oral Platform Presentation.

81<sup>th</sup>. AANS Annual Scientific Meeting. Changing Our Culture to Advance Patient Safety. New Orleans, Louisiana. April 27-May 1, 2013. Minimally Invasive Spinal Neurosurgery: Indications, Techniques And Complications. MIS Lateral techniques. Oral Platform Presentation.

81<sup>th</sup>. AANS Annual Scientific Meeting. Changing Our Culture to Advance Patient Safety. New Orleans, Louisiana. April 27-May 1, 2013. Hands on Cadaveric Course. Techniques For Adult Spinal Deformity Surgery: a Hands-On Course for Neurosurgeons. Oral Platform Presentation

81<sup>th</sup>. AANS Annual Scientific Meeting. Changing Our Culture to Advance Patient Safety. New Orleans, Louisiana. April 27-May 1, 2013. Practical Clinics. Thoracic And Lumbar Stabilization And Fusion: Indications And Complications. Lateral Transpsoas Fusion: Anatomy, Exposure, Clinical Pearls and Lessons Learned. Oral Platform Presentation.

29<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Phoenix, AZ. March 6-9, 2013. Special Course II – Cases and complications with the Masters. Pearls of the Lateral retroperitoneal Lateral Approach. Oral Platform Presentation.

29<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Phoenix, AZ. March 6-9, 2013. Luncheon Symposium IV – Lateral Retroperitoneal Interbody Fusion: Technique and Outcomes. Course Director. Introduction: Historical Overview and Surgical Indications. Oral Platform Presentation

29<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Phoenix, AZ. March 6-9, 2013. Trauma breakout. Minimally Invasive Anterior Column Reconstruction for Trauma. Oral Platform Presentation

29<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Phoenix, AZ. March 6-9, 2013. Special Course IV- Advances MIS Techniques/Managing MIS Complications. Advanced Lateral Techniques for Deformity Correction. Oral Platform Presentation

29<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Phoenix, AZ. March 6-9, 2013. Special Course II- Cases and Complications with the Masters. Pearls of the Lateral Retroperitoneal Lateral Approach.

Lateral Retroperitoneal: Stand alone or combined? Can balance be achieved? Spine on the Mountain: Global Spinal balance. Jan 31- Feb 2, 2013. Vail, CO

Case panel: Adult lumbar degenerative stenotic scoliosis. Spine on the Mountain: Global Spinal balance. Jan 31- Feb 2, 2013. Vail, CO

MAS Fixation Techniques. Oral Presentation. Spine on the Mountain: Global Spinal balance. Jan 31- Feb 2, 2013. Vail, CO

Deformity Treatment Algorithm. Key Note Lecture. Australian XLIF Forum. Dec 1, 2012. Sydney Australia.

Anatomical Review and Clinical Evaluation of Sensory Complications Following XLIF. Key Note Lecture. Australian XLIF Forum. Dec 1, 2012. Sydney Australia.

Minimally Invasive Lateral Lumbar Approaches. Oral Presentation. AANS Fundamentals in Spinal Surgery for Residents. November 8-10, 2012 Spine Education and Research Center, Burr Ridge, IL.

Anatomical Review and Clinical Evaluation of Sensory Complications Following XLIF. Platform Presentation. SOLAS Eastern U.S. Regional Meeting. September 15, 2012. NY. NY.

Hyperlordotic XLIF for Anterior Column Realignment: Cadaver Study & Clinical Experience. Platform Presentation. SOLAS Eastern U.S. Regional Meeting. September 15, 2012. NY. NY.

XLIF Deformity Treatment Algorithm. Platform Presentation. SOLAS Eastern U.S. Regional Meeting. September 15, 2012. NY. NY.

The Development, Indications & Benefits of The Lateral Interbody Spinal Approach and Implants: What are the Indications, Effectiveness in Deformity Correction & known Compications? What are the Benefits of The Lateral Approach. Platform Presentation. Scoliosis Research Society (SRS). 47<sup>th</sup> Annual Meeting & Course. September 5-8, 2012. Chicago, IL.

Lumbar Scoliotic Deformity with Mild Flat Back and Radicular Leg Pain. Case Presentation. The Society For Minimally Invasive Spine Surgery (SMISS) annual meeting. Sept 21-13, 2012. Miami, FL.

MIS Deformity. Session Moderator. The Society For Minimally Invasive Spine Surgery (SMISS) annual meeting. Sept 21-13, 2012. Miami, FL.

Descriptive Analysis Lumbar Plexus Syndromes After lateral Retroperitoneal Transpoas Approach: Diagnostic Standardization-Free Paper Award Finalist. Ahmadian A., Deukmedjian A., Uribe JS. Platform Presentation. The Society For Minimally Invasive Spine Surgery (SMISS) annual meeting. Sept 21-13, 2012.

Miami, FL.

Advanced Applications for XLIF Approach. Platform Presentation. . The Society For Minimally Invasive Spine Surgery (SMISS) annual meeting. Sept 21-13, 2012. Miami, FL. Supported by: Nuvasive

rhBMP-2 Complications in Lateral Approach Spine Surgery. Smith WD., Brown C., Pimenta L., Marchi L., Oliveira L., Uribe JS. The Society For Minimally Invasive Spine Surgery (SMISS) annual meeting. Sept 21-13, 2012. Miami, FL. E-poster

Early Outcomes fo MIS ALL Release for Correction of Sagittal Imbalance in Patients with Adult Degenerative Scoliosis. Deukmedjian A., Uribe JS. The Society For Minimally Invasive Spine Surgery (SMISS) annual meeting. Sept 21-13, 2012. Miami, FL. E-poster

Anterior Longitudinal Release via the MIS lateral Retroperitoneal Transpsoas Approach: A cadaveric Anatomic Study. Deukmedjian A., Uribe JS. The Society For Minimally Invasive Spine Surgery (SMISS) annual meeting. Sept 21-13, 2012. Miami, FL. E-poster

Minimizing Complications of Lateral Surgery. Invited Speaker. Third Annual ONE Spine Resident's & Fellow's Course at the Seattle Science Foundation August 17 – 19, 2012 Seattle, Washington.

Anterior Correction Techniques for Deformity: Anterior and Lateral Approaches. Platform Presentation. Invited Speaker. Third Annual ONE Spine Resident's & Fellow's Course at the Seattle Science Foundation August 17 – 19, 2012 Seattle, Washington.

XLIF Corpectomy. Technology Forum. Platform Presentation. 19<sup>th</sup> International Meeting On Advanced Spine Technologies. Istambul, Turkey. July 18-12, 2012.

**Uribe JS**, Deukmedjian A., Smith D. Catastrophic Complications Following Minimally invasive Lateral Lumbar Interbody Fusions. Platform Presentation. 19<sup>th</sup> International Meeting On Advanced Spine Technologies. Istambul, Turkey. July 18-12, 2012.

**Uribe JS**, Deukmedjian A. Lordosis restoration after anterior longitudinal ligament release and placement of lateral hyperlordotic interbody cages during the MIS lateral transpsoas approach: a radiographic study in cadavers. E-Poster. 19<sup>th</sup> International Meeting On Advanced Spine Technologies. Istambul, Turkey. July 18-12, 2012.

Uribe JS., Deukmedjian. Perioperative Infection Rate After Minimally Invasive Lateral Lumbar Interbody Fusion . E-Poster. 19<sup>th</sup> International Meeting On Advanced Spine Technologies. Istanbul, Turkey. July 18-12, 2012.

Uribe JS., Deukmedjian A. Anterior Longitudinal Ligament Release. An Anatomic Study and report of Four Clinical Cases. E-Poster. 19<sup>th</sup> International Meeting On Advanced Spine Technologies. Istanbul, Turkey. July 18-12, 2012.

Uribe JS., Deukmedjian A. Minimally Invasive Percutaneous Pedicle Screw Fixation for the Treatment of a Flexion-Distractio n Type Spine Fracture Without Neurologic Deficit in a Morbidly Obese Patient. E-Poster. 19<sup>th</sup> International Meeting On Advanced Spine Technologies. Istanbul, Turkey. July 18-12, 2012

MIS Lateral Approaches to Spine. Hands on Practical Course. AANS. Co-director. June 29-30, 2012. Chicago IL.

Rodgers W.B., Gerber E.J., Lehmen J.A., Rodgers J.A., **Uribe J.** Outcomes in minimally disruptive lateral interbody fusion: 24 month minimum follow-up in 268 patients. Platform Presentation. Spine Week. May 29-31. Amsterdam, Netherlands.

Phillips F.M., Tohmeh A., Rodgers W.B., **Uribe JS.** Adult degenerative scoliosis treated by XLIF: Clinical results of a 24-month multi-center prospective study. Platform Presentation. Spine Week. May 29-31. Amsterdam, Netherlands.

Rodgers W.B., Gerber E.J., Lehmen J.A., Rodgers J.A., Uribe J. Minimally Invasive Lumbar Interbody Fusion (MI-LIF) using a  $\beta$ TCP-HA bone graft . substitute (FormaGraft): Fusion rates out to 2 years. Platform Presentation. Spine Week. May 29-31. Amsterdam, Netherlands.

Anatomy Overview of Lateral Approach & Importance of Monitoring. Spine Week XLIF Meeting. Platform Presentation. May 31, 2012. Amsterdam, Netherlands

Reconstruction Spine Surgery. Invited Faculty. Platform Presentation. Focused Controversy in Spine Care. Medical University of South Carolina. Kiawah Island. May 11-12, 2012

Paralysis as a Result of Thoracic Disc Herniation -Can it be Avoided?  
Juan S. Uribe. . 5<sup>th</sup> Annual SOLAS Research Meeting. May 3-5, San Diego, CA

An In Vitro Cyclic Biomechanical Comparison of Wide vs. Round Endcap  
Corpectomy Fixation Cages in a Human Cadaveric Spine Model. Tien Le, Armen  
Deukmedjian, Alexander W.L. Turner, Juan S. Uribe. 5<sup>th</sup> Annual SOLAS  
Research Meeting. May 3-5, San Diego, CA

Lordosis Restoration after Anterior Longitudinal Ligament Release and  
Placement of Lateral Hyperlordotic Interbody Cages During the MIS Lateral  
Transpsoas Approach: A Radiographic Study in Cadavers. **Juan S. Uribe**,  
Donald A. Smith, Elias E. Dakwar, Ali A. Baaj, Gregory M. Mundis, Alexander  
W.L. Turner, G. Bryan Cornwall, Behrooz A. Akbarnia. 5<sup>th</sup> Annual SOLAS  
Research Meeting. May 3-5, San Diego, CA

Anterior Longitudinal Ligament Anatomy from the Perspective of the Minimally  
Invasive Lateral Retroperitoneal Transpsoas Approach: A Cadaveric Anatomic  
Study. Armen R. Deukmedjian, **Juan S. Uribe**. 5<sup>th</sup> Annual SOLAS Research  
Meeting. May 3-5, San Diego, CA

Moderator. Scientific Session III. Symposium Critical Concepts in Adult Spinal  
Deformity. 5<sup>th</sup> Annual SOLAS Research Meeting. May 3-5, San Diego, CA

High-Grade traumatic Cervical Subluxation Injuries: Treatment strategies and  
Outcomes. Discussant. Platform Presentation. Annual Scientific Meeting of the  
American Association of Neurological Surgeons AANS. April 17, 2012. Miami,  
Florida

AANS/FLANC International Symposium. 80<sup>th</sup> Annual Scientific Meeting of the  
American Association of Neurological Surgeons AANS. Co-director. Saturday  
April 14, 2012. Miami, Florida.

MIS II: Direct Lateral Retroperitoneal Transpsoas Fusion. Practical Course. Co-  
Director. 80<sup>th</sup> Annual Scientific Meeting of the American Association of  
Neurological Surgeons AANS. April 17, 2012. Miami, Florida.

Thoracic and Lumbar Stabilization and Fusion: Indications and Complications.  
Practical Clinic. Platform Presentation. 80<sup>th</sup> Annual Scientific Meeting of the  
American Association of Neurological Surgeons AANS. April 17, 2012. Miami,  
Florida.

Lumbar Interbody Fusion: Direct Lateral Retroperitoneal Transpsoas Fusion.

Platform Presentation. 80<sup>th</sup> Annual Scientific Meeting of the American Association of Neurological Surgeons AANS. April 16, 2012. Miami, Florida.

MIS trauma applications. Invited Speaker. Peer event dinner Orthofix. Miami, FL. April 18, 2012.

XLIF advanced applications. Invited Speaker. Peer event dinner Nuvasive. Miami, FL. April 17, 2012.

Lateral Approaches to Spine. 12<sup>th</sup>. Congresso De Cirurgia Espinhal. Platform Presentation. March 15-17, 2012. Sao Paulo, Brasil.

MIS Advanced Surgical Techniques. 12<sup>th</sup>. Congresso De Cirurgia Espinhal. Platform Presentation. March 15-17, 2012. Sao Paulo, Brasil.

28<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Orlando, FL. March 7-10, 2012. Special Course III- Spinal Deformity. When is Less Invasive Surgery Acceptable for Spinal Deformity.

28<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Orlando, FL. March 7-10, 2012. Luncheon Symposium V- Lateral Retroperitoneal Interbody Fusion: Technique and Outcomes. Lessons learned in simple and Complex Cases.

XLIF advance applications. Invited Speaker. Peer event dinner Nuvasive. Norfolk VA. Feb 5 2012

Stand alone LLIF. When, why and how. Can LLIF alone get optimal sagittal correction? Spine on The Mountain. Vail, CO. Jan 28, 2012

Uribe JS, Dakwar E, Ahmadian A. Occipital-Cervica fusion using the Occipital Condyles as Proximal Fixation Point. Clinical Series. 39<sup>th</sup>. Annual Meeting Cervical Spine Research Society (CSRS). Scottsdale, AZ. December 8-10, 2011. Oral Poster presentation

Anatomical review of the Lumbar plexus and the value of Real-Time Discrete-Threshold Monitoring in XLIF (NVJJB) . 2<sup>nd</sup>. XLIF consensus meeting. Florence, Italy. October 29 2011. Oral presentation



Complication Avoidance: Cases presentation . L4-L5 XLIF: Is there a safe zone? Is NVJJB EMG monitoring sufficient?. 2<sup>nd</sup>. XLIF consensus meeting. Florence, Italy. October 29 2011. Oral presentation

Lumbar total disc replacement from an extreme lateral approach. 2<sup>nd</sup>. XLIF consensus meeting. Florence, Italy. October 29 2011. Oral presentation

Thoracic anatomy. The anatomic relationship of the diaphragm to the thoracolumbar junction during the XLIF approach . 2<sup>nd</sup>. XLIF consensus meeting. Florence, Italy. October 29 2011. Oral presentation

Transposas Discectomy and Anatomy. 5th Minimally Invasive Spinal Surgery and Navigation. Hands-on symposium. NewYork-Presbyterian Hospital. New York, New York. Dec 1-3. Oral Presentation

Rationale and Background of Spine MIS 5th Minimally Invasive Spinal Surgery and Navigation. Hands-on symposium. NewYork-Presbyterian Hospital. New York, New York. Dec 1-3. Oral Presentation

MIS Spondylolisteis. Peer presentation. Orthofix Booth presentation. NASS annual meeting. Chicago IL, Nov 3 2011

The XLIF Corpectomy. Peer presentation. Nuvasive Booth presentation. NASS annual meeting. Chicago IL, Nov 3 2011

The XLIF applications. Peer presentation. Nuvasive Booth presentation. NASS annual meeting. Chicago IL, Nov 2 2011

The Lumbar Plexus Anatomy and Relevance of Neuromonitoring in Deformity Juan Uribe, MD. Podium presentation. 2011 Annual Meeting of the Society for Minimally Invasive Spine Surgery. October 21-23, 2011. Las Vegas, NV

Minimally Invasive Lateral Access Surgery for Symptomatic Thoracic Disc Herniation: Initial Clinical Experience with Clinical and Radiographic Outcomes. **Juan S. Uribe, MD**; William D. Smith, MD; Luiz Pimenta, MD, PhD; Roger Hartl, MD; Elias Dakwar, MD; Urvij M. Modhia, MD; Glen Pollock, MD; Vamsi Nagineni, MD; Ryan D. Smith, BS; Ginger Christian, BS; Leonardo Oliveira, BSc; Luis Marchi, MSc; Vedat Deviren, MD. Oral presentation. 2011 Annual Meeting of the Society for Minimally Invasive Spine Surgery. October 21-23, 2011. Las Vegas, NV

Extracoelemic approach to the Thoracolumbar Spine Armen R. Deukmedjian, MD; Elias Dakwar, MD; Juan S. Uribe, MD. Oral presentation. 2011 Annual Meeting of the Society for Minimally Invasive Spine Surgery. October 21-23, 2011. Las Vegas, NV

Moderator. Lateral MIS: Lumbar Degenerative & Deformity. 2011 Annual Meeting of the Society for Minimally Invasive Spine Surgery. October 21-23, 2011. Las Vegas, NV

MIS lateral. Complex Deformity. 1st. SOLAS East regional meeting. New Jersey. Sept 10, 2011

Diaphragm Anatomy. 1st. SOLAS East regional meeting. New Jersey. Sept 10, 2011

Moderator. XLIF Indications. 1st. SOLAS East regional meeting. New Jersey. Sept 10, 2011

XLIF should only be performed with NV. Oral Platform presentation. 1st. SOLAS East regional meeting. New Jersey. Sept 10, 2011

MIS spondylolisthesis reduction. Peer Presentation. New York. Aug 30, 2011

Surgical Anatomy of the Lumbar plexus. Invited Speaker. 1<sup>st</sup> Latin American SOLAS meeting. Rio de Janeiro, Brazil. Aug 3, 2011

XLIF Indications. Invited Speaker. SINCOL-LASAS Annual Meeting. Rio De Janeiro, Brazil. Aug 4-6. 2011

Minimally invasive lateral approach for symptomatic thoracic disc herniation: Initial multi-center clinical experience. Oral Platform presentation. **Juan S. Uribe, MD**; William D. Smith, MD, Luis Pimenta, MD, PhD; Roger Härtl, MD; Elias Dakwar, MD; Urvij Modhia, MD; Glen Pollock, MD; Vamsi Nagineni, MD; Ryan Smith, BS, Leonardo Oliveira BSc, Luis Marchi MSc, Vedat Deviren, MD. SINCOL-LASAS Annual Meeting. Rio De Janeiro, Brasil. Aug 4-6. 2011

Anterolateral Plating in The Minimally-Invasive Extreme Lateral Interbody Fusion Technique. Ali Baaj, Elias Dakwar, Clinton Burkitt, Gisela Murray, **Juan S. Uribe**. International Meeting on Advanced Spine Techniques IMAST. Copenhagen, July 13-16. 2011

L4/5 XLIF. Is there a Safe Zone?. Elias Dakwar, Clinton Burkitt, Ali baaj, Gisela Murray, **Juan S. Uribe**. International Meeting on Advanced Spine Techniques IMAST. Copenhagen, July 13-16. 2011

The Anatomic Relationship of the Diaphragm to the Thoracolumbar Junction (TLJ) during the Minimally Invasive Lateral Approach. Elias Dakwar, Clinton Burkitt, Ali baaj, Gisela Murray, **Juan S. Uribe**. International Meeting on Advanced Spine Techniques IMAST. Copenhagen, July 13-16. 2011

Subsidence of PEEK Lumbar interbody Grafts Placed via a Minimally invasive Lateral retroperitoneal transpsoas approach. Clinton Burkett, Gisela Murray, Elias Dakwar, Ali Baaj, Fernando L. Vale, Donald A. Smith, **Juan S. Uribe**. 18 International Meeting on Advanced Spine Techniques IMAST. Copenhagen, July 13-16. 2011

Invited Faculty. Platform Presentation. Lateral TDR. 8th. Annual Innovative Techniques in Spine Surgery. Los Cabos, MX. June 25, 2011

Invited Faculty. Platform Presentation. MIS lateral Approach, Tips and Tricks. 8th. Annual Innovative Techniques in Spine Surgery. Los Cabos, MX. June 24, 2011

Invited Faculty. Platform Presentation. MIS lateral T/L approach. 8th. Annual Innovative Techniques in Spine Surgery. Los Cabos, MX. June 24, 2011

Invited Faculty. Platform Presentation. MIS lateral Approach, Tips and Tricks. 8th. Annual Innovative Techniques in Spine Surgery. Los Cabos, MX. June 24, 2011

Peer Presentation. XLIF approach, Complication Avoidance. Greensborough, NC. June 13 2011

Invited speaker. Value of EMG during the MIS lateral approach. Platform Presentation. Point counterpoint meeting. Key West, FL. June 3 2011

Invited Speaker. Correcting Sagittal Balance Using the Lateral Retroperitoneal transpsoas approach. Point Counterpoint meeting. Key West, FL. June 3 2011

Invited Speaker. The value of Directional EMG monitoring During XLIF Approach. Platform Presentation. 4th Annual SOLAS meeting, San Diego, CA. Apr 2011

Lateral Retroperitoneal Approach (XLIF) Fundamentals. Presentation. Sydney,

Australia. April 14, 2011

Invited Speaker. Restoring lumbar lordosis utilising the XLIF® technique. Spine Society of Australia. Annual Scientific Meeting. Melbourne, Australia. April 16, 2011

Invited Faculty. Practical clinical course. Thoracic and Lumbar Stabilization and Fusion: Indications and Complications. Minimal Invasive Lateral Retroperitoneal transposas approach. Anatomical and Technical Aspects. AANS 79<sup>th</sup> Annual Scientific Meeting. Denver, CO. April 10, 2011.

Downes A, Dakwar E, Smith W, **Uribe JS**. MIS for Traumatic Spinal Pathologies: Efficacy of Mini-Open, Lateral Approach in the Thoracic and Lumbar Spine. E-poster. AANS 79<sup>th</sup> Annual Scientific Meeting. Denver, CO. April 9-13, 2011.

Uribe JS, Baaj AA, Dakwar E, Burkett E, et al. Anterolateral plating in the MIS XLIF technique. 4th Annual SOLAS meeting, San Diego, CA. Apr 2011

Uribe JS, Dakwar E, Burkett C, Baaj AA, et al. L4/5 XLIF, is there a safe zone? 4th Annual SOLAS meeting, San Diego, CA. Apr 2011

Uribe JS, Dakwar E, Burkett MD, Baaj AA, et al. Safety of revision of surgery using the same surgical corridor in the MIS XLIF approach, 4th Annual SOLAS meeting, San Diego, CA. Apr 2011

Uribe JS, Baaj AA, Burkett C, Dakwar E, et al. Complications of the MIS lateral retropleural thoracolumbar approach, 4th Annual SOLAS meeting, San Diego, CA. Apr 2011

Uribe JS, Burkett C, Murray G, Dakwar E, Baaj AA, et al. Subsidence of PEEK lumbar interbody grafts placed via the XLIF approach, 4th Annual SOLAS meeting, San Diego, CA. Apr 2011

Uribe JS, Dakwar E, Burkett C, Baaj AA, et al. The anatomic relationship of the diaphragm to the thoracolumbar junction during the MIS lateral approach, 4th Annual SOLAS meeting, San Diego, CA. Apr 2011

Uribe JS, Dakwar E, Baaj AA, et al. Outcomes in Mageral types B/C spine fractures treated by mini-open anterolateral corpectomy and plating without supplemental posterior fixation, 4th Annual SOLAS meeting, San Diego, CA. Apr 2011

Burkett CJ, Le TV, Ramos E, Vale FL, **Uribe JS**. Use of Three-Dimensional Computed Tomography and Image Guidance During Occipital Condyle Screw Placement and Occipitocervical Instrumentation: A Technical Note. Burkett CJ,

Le TV, Ramos E, Vale FL, Uribe JS. Poster. 27<sup>th</sup> Annual Meeting AANS/CNS section on Disorders of the Spine and Peripheral nerves. Evidence-Based Spine Surgery in the Real World. March 9, 2011. Phoenix, AZ.

Burkett CJ, Vale FL, **Uribe JS**. Use of Titanium Expandable Vertebral Cages in Cervical Corpectomy: A case Series. Poster. 27<sup>th</sup> Annual Meeting AANS/CNS section on Disorders of the Spine and Peripheral nerves. Evidence-Based Spine Surgery in the Real World. March 9, 2011. Phoenix, AZ.

Le TV, Hann S, Baaj AA, **Uribe JS**. Computed Tomographic Morphometric Analysis of the Human Occipital Condyle for Occipital-Condyle Cervical fusion. 27<sup>th</sup> Annual Meeting AANS/CNS section on Disorders of the Spine and Peripheral nerves. Evidence-Based Spine Surgery in the Real World. March 9, 2011. Phoenix, AZ.

Baaj AA, Le TV, Vale FL, **Uribe JS**. Socioeconomics of Degenerative Cervical Spine Disease in the United States. Poster. 27<sup>th</sup> Annual Meeting AANS/CNS section on Disorders of the Spine and Pheripheral nerves. Evidence-Based Spine Surgery in the Real World. March 9, 2011. Phoenix, AZ.

Pollock G, Dakwar E, Greenberg M, Vale FL, Smith W, Smith D, **Uribe JS**. Minimally Invasive Lateral Access Surgery for Symptomatic Thoracic Disc Herniation: Initial Clinical Experience with Clinical and Radiographic Outcomes. Oral poster. 27<sup>th</sup> Annual Meeting AANS/CNS section on Disorders of the Spine and Pheripheral nerves. Evidence-Based Spine Surgery in the Real World. March 9, 2011. Phoenix, AZ.

Invited Faculty. Pre-meeting Special course III. Spinal Deformity. Direct Latral approaches for lumbar Spine Deformity. 27<sup>th</sup> Annual Meeting AANS/CNS section on Disorders of the Spine and Pheripheral nerves. Evidence-Based Spine Surgery in the Real World. March 9, 2011. Phoenix, AZ.

Advanced XLIF applications. Peer Oral Presentation. Phoenix AZ. March 9, 2011.

XLIF Corpectomy. Peer Oral Presentation. Phoenix AZ. March 10, 2011.

The Lateral Retroperitoneal Transpsoas Approach. Platform Presentation. Invited speaker. AANS Southern Neurosurgery Association. Orlando, FL. Feb 24, 2011.

Complications of MIS hardware instertion. Platform Presentation. Spine on The Mountains. CME symposium. Vail, CO. Jan 29, 2011

Indications MIS Lateral Approaches for Trauma. Platform Presentation. Spine on The Mountains. CME symposium. Vail, CO. Jan 30, 2011

Direct Lateral Approach. Complication Avoidance. Platform Presentation. Invited Speaker. Mississippi Neurosurgical Association. Jackson, MS. Jan 21, 2011.

MIS Spine Deformity. Are we there yet?. Invited Speaker. Grand Rounds. Department of Neurological Surgery and Brain Repair. Tampa, FL. Jan 14, 2011.

MIS thoracic Corpectomy. Platform presentation. 5<sup>th</sup> Annual David W. Cahill Spine Symposium. Tampa, Fl. January 7-8, 2011.

XLIF Complication Avoidance. Platform presentation. 5<sup>th</sup> Annual David W. Cahill Spine Symposium. Tampa, Fl. January 7-8, 2011.

Percutaneous subaxial cervical facet fixation. Medtronic cadaveric laboratory. Memphis. TN. December 17, 2010

XLIF Fundamentals. Platform presentation. XXIV congreso Nacional de Neurocirugia. Barranquilla. December 4-7, 2010

MIS Lateral Corpectomy. Presentation. Invited speaker. Ground Rounds. Florida Orthopedic Institute. November 30 2010

**Anatomy Overview. Lateral Retroperitoneal Transpsoas Approach.** Platform Presentation. AANS Fundamentals in Spinal Surgery Resident Course. **Spine Education & Research Center (SERC), Burr Ridge, Illinois.** November 21 2010

**Juan S. Uribe,** Elias Dakwar, William Smith. MIS for traumatic Spinal Pathologies: A mini-open, Lateral Approach in the Thoracic and Lumbar Spine. Free paper #42. 2010 annual Meeting SMISS. Miami, FL. Nov 7 2010

**Juan S. Uribe,** Elias Dakwar, Ildemaro J. Volcan. Rhabdomyolysis and Acute Renal Failure Following Minimally Invasive Lateral Spine Surgery. Free paper #29. 2010 annual Meeting SMISS. Miami, FL. Nov 7, 2010.

Direct Lateral Interbody Fusion. When is a stand-alone construct Acceptable, When is Circunferential surgery required. Platform presentation. 2010 annual Meeting SMISS. Miami, FL. Nov 7, 2010.

Complication avoidance of the XLIF approach. Peer review dinner presentation. Miami, November 6, 2010.

Surgical Anatomy related to the lateral transpsoas retroperitoneal approach. Presentation. Hands-on cadaver lab. 2010 Annual meeting of the SMISS. November 5, 2010.

Cardona RF, Burkett C, Baaj AA, Vale FL, Smith DA, Uribe JS: Minimally-invasive retroperitoneal thoracic corpectomy for spinal metastasis: case report. E-Poster. Annual CNS meeting, San Francisco, CA. Oct 2010

Dakwar E, Cardona RF, Vale FL, Uribe JS: Trajectory and Implications of the Main Sensory/motor Branches of the Lumbar Outside of the Psoas Muscle Related to the XLIF approach: Anatomical Study. Oral Poster Presentation. Annual CNS meeting, San Francisco, CA. Oct 2010.

Baaj AA, Cardona RF, **Uribe JS**, Vale FL: Socioeconomics of lumbar spinal fractures in the United States: Analysis of a nationwide database over a 5-year period. Oral Poster Presentation. Annual CNS meeting, San Francisco, CA. Oct 2010.

MIS Deformity Techniques. Practical course. CNS Annual meeting. Update on Spinal Surgery Indications and Technique. San Francisco CA, October 17 2010

The XLIF Corpectomy. Peer presentation. Nuvasive Booth presentation. NASS annual meeting. Orlando, FL. Oct 7 2010.

Minimal invasive radiographical review. Poster presentation. Annual American Association of Radiology. Chicago, IL. January 2010.

The lateral retroperitoneal transpsoas approach. Anatomical and technical considerations. Grand rounds presentation. USF department of Neurological Surgery. Tampa, FL. May 21, 2010.

The XLIF Corpectomy. Peer presentation. Simeone Foundation. Philadelphia, May 4, 2010.

Lateral retroperitoneal transpsoas approach. Complicaiton avoidance. Presentation. Peer review dinner. Puerto Rico. July 30, 2010.

Minimal invasive spine surgery is more than just a marketing tool. Platform presentation. Invited faculty. USF Neurology and Neurosurgery CME program. May 8, 2010.

XLIF Corpectomy. Platform presentation. Spine summit. New Orleans, LS. April 26, 2010.

XLIF Fundamentals. Peer presentation. Columbus, OH. April 23, 2010.

**Juan S. Uribe, M.D.**; Elias Dakwar, M.D.; Rafael Cardona, M.D.; Samy Youssef, M.D., Ph.D.; William D. Smith, M.D. Minimally Invasive Lateral Extracavitary Thoracolumbar Approach for the Treatment of Neurofibromas: Technical Report and Preliminary Results. Platform presentation 3<sup>rd</sup> Annual SOLAS Research Meeting. La Jolla, CA. April 8-10, 2010.

Elias Dakwar, M.D.; Rafael Cardona, M.D.; Donald A. Smith, M.D.; Fernando Vale, M.D.; **Juan S. Uribe, M.D.** Trajectory and Implications of the Main Sensory/Motor Branches of the Lumbar Plexus Outside of the Psoas Muscle Related to the XLIF Approach (Anatomical Study). Platform presentation 3<sup>rd</sup> Annual SOLAS Research Meeting. La Jolla, CA. April 8-10, 2010.

Rafael Cardona, M.D.; Elias Dakwar, M.D.; Donald A. Smith, M.D.; Fernando Vale, M.D.; **Juan S. Uribe, M.D.** An Analysis of Postoperative Lumbar Plexus Complications and Avoidance After Lateral Transpsoas Interbody Fusion Using Neuromonitoring: Lessons Learned Platform presentation 3<sup>rd</sup> Annual SOLAS Research Meeting. La Jolla, CA. April 8-10, 2010.

**Juan S. Uribe, M.D.**; Elias Dakwar, M.D.; Rafael Cardona, M.D.; Donald A. Smith, M.D. Safety of the Minimally Invasive Lateral Retroperitoneal Transpsoas Interbody Fusion and the Use of Intervertebral Recombinant Human Bone Morphogenetic Protein-2 at the L4/5 Level. Platform presentation 3<sup>rd</sup> Annual SOLAS Research Meeting. La Jolla, CA. April 8-10, 2010

Elias Dakwar, M.D.; Rafael Cardona, M.D.; Donald A. Smith, M.D.; **Juan S. Uribe, M.D.** Early Outcomes and Safety of the Minimally Invasive Lateral Transpsoas Approach for Adult Degenerative Scoliosis. Platform presentation 3<sup>rd</sup> Annual SOLAS Research Meeting. La Jolla, CA. April 8-10, 2010

Rafael Cardona, Elias Dakwar, **Juan S. Uribe.** Clinical Series of Occipital Condyle Screw Placement for Occipital Cervical. Poster. 26<sup>th</sup> annual meeting of the AANS/CNS section on Disorders of the Spine and Peripheral Nerves. Staying ahead of the curve: Succeeding in Changing times. Orlando, FL. February 17-20, 2010

Ali A. Baaj, Fernando Vale, **Juan S. Uribe.** The use of a Single Incision for the Extreme Anterolateral Lumbar Interbody Fusion Approach (XLIF): Experience in



100 Consecutive Cases. Poster. 26<sup>th</sup> annual meeting of the AANS/CNS section on Disorders of the Spine and Peripheeral Nerves. Staying ahead of the curve: Succeeding in Changing times. Orlando, FL. February 17-20, 2010

Ali A. Baaj, Donald A. Smith, Fernando Vale, **Juan S. Uribe**. Perioperative Complications and Clinical Outcomes in Elderly Patients Undergoing Multilevel Spinal Fusion using Extreme Lateral Lumbar Interbody fusion (XLIF). Poster. 26<sup>th</sup> annual meeting of the AANS/CNS section on Disorders of the Spine and Peripheeral Nerves. Staying ahead of the curve: Succeeding in Changing times. Orlando, FL. February 17-20, 2010.

Ali A. Baaj, Donald A. Smith, **Juan S. Uribe**. Iliopsoas Muscle Weakness Following Extreme Anterolateral Lumbar Interbody Fusion (XLIF). Poster. 26<sup>th</sup> annual meeting of the AANS/CNS section on Disorders of the Spine and Peripheeral Nerves. Staying ahead of the curve: Succeeding in Changing times. Orlando, FL. February 17-20, 2010.

Ali Baaj, Phillip Reyes, Ali Yaqoobi, **Juan S. Uribe**, Fernando Vale, Nicholas Theodore, Volker K. H. Sonntag, Neil R. Crawford. Biomechanical Comparison of Traditional parallel Rod to Cross Rod Constructs at the Thoracolumbar Junction. Poster. 26<sup>th</sup> annual meeting of the AANS/CNS section on Disorders of the Spine and Peripheeral Nerves. Staying ahead of the curve: Succeeding in Changing times. Orlando, FL. February 17-20, 2010

Ali Baaj, Phillip Reyes, Ali Yaqoobi, **Juan S. Uribe**, Fernando Vale, Nicholas Theodore, Volker K. H. Sonntag, Neil R. Crawford . Biomechanical Advantage of the Index Level Screw in Thoracolumbar Fracture Fixation. Oral poster. 26<sup>th</sup> annual meeting of the AANS/CNS section on Disorders of the Spine and Peripheral Nerves. Staying ahead of the curve: Succeeding in Changing times. Orlando, FL. February 17-20, 2010

Course symposium III. Treatment of Primary and Metastatic spine tumors. Faculty. A case presentation: Thoracic metastasis with cord compression and neuro deficit. 26<sup>th</sup> annual meeting of the AANS/CNS section on Disorders of the Spine and Peripheral Nerves. Staying ahead of the curve: Succeeding in Changing times. Orlando, FL. February 17-20, 2010.

New minimal invasive lumbar fixation techniques. Peer CME dinner presentation. Tampa General Hospital education. Tampa FL, February 2010

Minimal invasive TLIF. Summit. Platform presentation. 6<sup>th</sup> Annual Evidence & Technology Spine Summit. Steamboat Springs, CO. January 14-17 2010.

Transposas and retroperitoneal complications with neuro monitoring. Platform presentation. 6<sup>th</sup> Annual Evidence & Technology Spine Summit. Steamboat Springs, CO. January 14-17 2010.

New fixation Techniques. Grand Rounds presentation. Invited Professor. Department of Neurosurgery. Tampa FL. December 2009.

Baaj AA, Gantwerker B, Theodore N, Dickman C, Uribe JS, Vale FL, Crawford NR, Sonntag V. Algorithm for Treatment of Thoracolumbar Fractures Based on Axial Zones. CNS Annual Meeting, New Orleans, Oct 2009.

Uribe JS, Baaj AA, Vale FL. Defining the Safe Working Zones in the XLIF approach. CNS Annual Meeting, New Orleans, Oct 2009.

The XLIF Approach Complications. Peer presentation. Columbia, SC. December 17, 2009.

XLIF Anatomia Quirurgica, tecnica y MBE. III Curso Intensivo Avanzado. Cirugia Minimamente Invasiva De Columna Lumbar. Mexico, November 23, 2009.

Craniocervical fixation with occipital condyle screws: biomechanical analysis of a novel technique. Poster presentation. CSRS Annual Meeting. Salt Lake City, UT. December 2009.

Minimally Invasive Spinal Techniques. Community presentation. Tampa, FL. December 2009.

ER Spine Fractures. Peer Dinner. Tampa FL. November 2009

Adult Thoraco-lumbar Deformity- Stop at L5. 4<sup>th</sup> Annual Cahill Spine Symposium. Tampa FL. November 8, 2009.

Trends in Myelomeningocele Repair in the United States: 1993-2005: 848  
Baaj, Ali; Vale, Fernando L.; **Uribe, Juan S.** Neurosurgery. 62(6):1416, June 2008

Lumbar Stenosis- Indirect Decompression. 4<sup>th</sup> Annual Cahill Spine Symposium. Tampa, FL. November 7 2009

The XLIF Corpectomy. Nuvasive Booth Presentation. NASS Annual Meeting. San Francisco, CA. November 2009

Spinal Surgery Indications and Techniques. Practical Course. CNS Annual Meeting. New Orleans, LS. October 24-29, 2009

The lateral retropleural Thoraco-Lumbar approach. SMISS Annual Meeting. Las Vegas, NV. October 9-12

The XLIF approach Fundamentals. Peer to Peer. Charlotte, NC. August 13/09

Lateral Retropleural Approach. Grand Rounds. Invited Professor. Tampa, FL. October 2009

Defining the Safe Working Zones Using the XLIF approach: An anatomical Study. Point Counter Point Meeting. Key West, FL. May 2009

Management of Cervical Spine Deformity and Instability. Practical Clinics. AANS Annual Meeting. San Diego, CA. May 2-6 2009

Iliopsoas muscle weakness following anterolateral retroperitoneal transpsoas approach. SOLAS Annual Research Meeting. San Diego, CA. April 16-18, 2009.

Perioperative complications and clinical outcomes in elderly patients undergoing multi-level lumbar spinal fusion using extreme lateral interbody fusion (XLIF). SOLAS Annual Research Meeting. San Diego, CA. April 16-18, 2009.

The use of single incision for extreme anterolateral retroperitoneal transpsoas approach: Experience in 100 consecutive cases. SOLAS Annual Research Meeting. San Diego, CA. April 16-18, 2009

Anatomical dissection of the lumbar plexus. SOLAS Annual Research Meeting. San Diego, CA. April 16-18, 2009.

Extreme lateral interbody fusion (XLIF) complications. North American Spine Society. Rio Grande, Puerto Rico. April 24, 2009

AxialLIF Approach. North American Spine Society. San Juan, Puerto Rico. April 23, 2009.

Lateral retroperitoneal approach for treatment of lumbar adjacent segment failure. North American Spine Society. Rio Grande, Puerto Rico. April 23-25, 2009.

Healthcare burden of cervical spine fractures in the US: Analysis of a nationwide database between 1997-2006. AANS/CNS Spine Joint Section. Phoenix, AZ. March 2009.

Craniocervical fixation with occipital condyle screws: Biomechanical analysis of a novel technique. AANS/CNS Spine Joint Section. Phoenix, AZ. March 2009.

Innovative spinal fixation. Emerging Technologies Spine Education Summit. Steamboat springs, Colorado. February 6 2009

Fundamentals of XLIF Approach. San Juan, Puerto Rico. February 2009

Posterior Approaches to the spine. New Spine Technology. Altas Forum Meeting. Miami, FL. February 21-22 2009.

The AxialLIF Approach. XVL Neurosurgical Levante Society. Castellon, Spain. November 2008.

Minimally-invasive anterior column support in the treatment of thoracolumbar fractures. 2008 Annual Meeting of the Society for Minimally Invasive Spine Surgery. Henderson, NV. November 2008.

The condyle-C1 fusion instrumentation. Patient Selection, clinical application, and outcomes. Third Annual D.W. Cahill Spine Symposium – The Surgical Management of the Aging Spine. Henderson, NV. November 2008

Emerging techniques in minimally invasive spine surgery. CME Lecture. Tampa General Hospital. Tampa, FL. October 2008.

Delayed esophageal rupture after ACDF: Strategies of Management. Oral Poster Presentation. AANS/CNS. Orlando, FL. September 2008

Occipito-cervical instability. Grand Rounds. University of South Florida Department of Orthopedic Surgery. Tampa, FL September 2008.

The XLIF Approach. CME Lecture. Miami, FL. August 2008.

Minimally invasive lumbar interbody fusion. Tampa General Hospital Community Lecture. Tampa, FL. June 2008.

ACDF vs. ACCF in multilevel spondylosis: Outcome and long term follow-up. Spine Week. Geneva, Switzerland. May 2008.

Normal Pressure Hydrocephalus. Hydrocephalus Support Group. St. Petersburg, FL. August 2007.

A biomechanical comparison of an anterior and lateral lumbar plate, non-fixation device, posterior fixation, and a fixation interbody device following single level anterior lumbar interbody fusion (ALIF). Oral Poster Presentation. AANS/CNS Joint Section of Spinal Disorders. Phoenix, AZ. September 2007.

Lumbar interbody fusion. Grand Rounds. University of South Florida Department of Neurological Surgery and Rehabilitation. Tampa, FL. May 2004.

Cervical orthosis with head strap, comparison with regular cervical Miami J collar. Poster presentation. AANS/CNS Joint Section on Spinal Disorders. September 2001.

Acute Central Cord syndrome: An experience using surgical decompression with open door expansive cervical laminoplasty. Poster Presentation. AANS/CNS Joint Section on Spinal Disorders. September 2001.

## ACADEMIC ACTIVITIES

The Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Spine Summit 2018- Restoring Alignment in an Era of Global Change. Orlando, FL. March 14-17, 2018. Sports-related Spine Trauma. Session Moderator.

The Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Spine Summit 2018- Restoring Alignment in an Era of Global Change. Orlando, FL. March 14-17, 2018. DSPN Business Meeting Moderator and Opening Remarks Speaker.

American Academy of Orthopaedic Surgeons (AAOS) 2018 Annual Meeting. New Orleans, Louisiana. March 6-10, 2018. Pragmatic Learning for New Techniques and Technologies in Spine Surgery. Invited Speaker.

American Academy of Orthopaedic Surgeons (AAOS) 2018 Annual Meeting. New Orleans, Louisiana. March 6-10, 2018. What is the Role of Anterior, Oblique, Posterior, and Laterally Based Surgery: How Can They Help?. Invited Speaker.

Neurosurgery Research and Education Foundation. Phoenix, AZ. February 23-25, 2018. Spinal Deformity Course for Residents. Faculty Lecturer.

10<sup>th</sup> Spine Deformity Solutions: A Hands-On Course. Methodist Institute for Technology, Innovation and Education (MITIE). Houston, TX. February 15-17, 2018. Cervical Deformity. Invited Faculty.

10<sup>th</sup> Spine Deformity Solutions: A Hands-On Course. Methodist Institute for Technology, Innovation and Education (MITIE). Houston, TX. February 15-17, 2018. Direct Lateral (Trans Psoas) and Oblique Lateral Approach to the Lumbar Spine- Degenerative Condition. Oral Presentation. Invited Faculty.

10<sup>th</sup> Spine Deformity Solutions: A Hands-On Course. Methodist Institute for Technology, Innovation and Education (MITIE). Houston, TX. February 15-17, 2018. Occipital and Cervical Fixation with Cervical Pedicle Screws and Lateral

Mass Screws: Indications, Approach, and Execution. Oral Presentation. Invited Faculty

Spine: Base to Summit 2018. Beaver Creek, CO. January 18-21, 2018. Minimally invasive deformity surgery: Lessons learned and next generation challenges. Invited Speaker.

Spine: Base to Summit 2018. Beaver Creek, CO. January 18-21, 2018. Technique video: How I perform a LLIF/ACR. Invited Speaker.

Spine: Base to Summit 2018. Beaver Creek, CO. January 18-21, 2018. Case presentation. Invited Speaker.

Spine: Base to Summit 2018. Beaver Creek, CO. January 18-21, 2018. What's new in the surgical management of thoracolumbar trauma, and what can I apply now? MRI interpretation, clinical prognosis, MIS. Invited Speaker.

11<sup>th</sup> New York City Minimally Invasive Spine, Spinal Endoscopy, Robotics and 3-D Navigation Symposium: Case-based and Hands-on. New York, New York. December 14-16, 2017. Step by Step: MIS Deformity Correction II. Invited Faculty/Speaker.

American Association of Neurological Surgeons. Goodman Oral Boards Course. Phoenix, AZ. November 1, 2017. Spine Tutorial. Invited Lecturer.

North American Spine Society. 32<sup>th</sup> Annual Meeting. Orlando, FL. October 25-28 2017. Minimally Invasive Anterior Deformity Correction. Invited Faculty/Speaker.

Congress of Neurological Surgeons Annual Meeting. Boston, Mass. October 7-11, 2017. What's new in Navigation Techniques. Invited Faculty/Speaker.

Congress of Neurological Surgeons Annual Meeting. Boston, Mass. October 7-11, 2017. Practical Course. Lateral Approach for Spinal Deformity: Case with a Vascular Complication—Avoidance and Treatment.

AANS Fundamentals in Spinal Surgery for Residents. Invited Faculty/Proctor. MITIE, Houston, TX. September 21-23, 2017

SMISS Global Forum'17. Las Vegas, NV. September 14-17. Anterior Column Release and Hyperlordotic Cages. Invited Speaker.

SMISS Global Forum'17. Las Vegas, NV. September 14-17. Moderator.

52<sup>nd</sup> Annual Meeting and Course. Scoliosis Research Society. SRS. Philadelphia, PA. Sept. 6-8, 2017. MIS Techniques are Superior. Faculty. Pre-meeting Course.

ONE spine Fellows Annual Course. Seattle, Aug. 10-12, 2017. MIS lateral Techniques. Proctor/Faculty Instructor.

San Diego Spine Foundation. Annual Meeting. Honorary Invited Professor. Pushing the Limits on MIS Spine Deformity. July 28, 2017. San Diego, CA.

24<sup>nd</sup> International Meeting on Advanced Spine Techniques. Cape Town, South Africa. July 12-15, 2017. When and How to Employ Novel Techniques to Achieve Lordosis. Invited Faculty. Platform Presentation

24<sup>nd</sup> International Meeting on Advanced Spine Techniques. Cape Town, South Africa. July 12-15, 2017. Cervical Deformity case Presentation. Invited Faculty. Platform Presentation

24<sup>nd</sup> International Meeting on Advanced Spine Techniques. Cape Town, South Africa. July 12-15, 2017. How to Make MISS Safe and Effective. Platform Presentation.

Spine Technology and Educational Group Organization. 13TH Annual Symposium "State of Spine Surgery A Think Tank". Cabo San Lucas, Mexico. July 14-17, 2017. Panelist.

Spine Technology and Educational Group Organization. 13TH Annual Symposium "State of Spine Surgery A Think Tank". Cabo San Lucas, Mexico. July 14-17, 2017. MIS Anterior Column Release.

Spine Technology and Educational Group Organization. 14TH Annual Symposium "State of Spine Surgery A Think Tank". Cabo San Lucas, Mexico. July 15-17, 2017. How Less Ray Technology can improve Safety. Invited Speaker.

Spanish Spine Society (GEER) Annual Meeting. San Sebastian, Spain. June 1, 2017. Pre-meeting course. Complicaciones en abordajes anteriores y cómo evitarlas. Invited Speaker.

Spanish Spine Society (GEER) Annual Meeting. San Sebastian, Spain. June 1, 2017. Pre-meeting course. Invited Speaker. ¿Cuáles son los límites de la cirugía mínimamente invasiva en la corrección de las deformidades? Indicaciones

Annual Meeting of the Georgia Neurosurgical Society. Sea Island, GA. May 26-28, 2017. Honored Guest Speaker.

10<sup>th</sup> Annual SOLAS Research Meeting. San Diego CA, May 18-20. Cadaveric Workshop. Director.

10<sup>th</sup> Annual SOLAS Research Meeting. San Diego CA, May 18-20, 2017. Complications and Avoidance: Lessons Learned. Invited Faculty. Platform Presentation.

10<sup>th</sup> Annual SOLAS Research Meeting. San Diego CA, May 18-20, 2017. Advanced Application Symposium: MIS lateral for deformity, Preoperative planning and considerations. Panelist.

85<sup>nd</sup> AANS Annual Scientific Meeting. Neurosurgery A World of Innovation. Los Angeles, CA, April 22, 2017. Improving Sagittal Balance Using The MIS lateral Approach. If it is Possible?. Platform Presentation. Invited Speaker.

85<sup>nd</sup> AANS Annual Scientific Meeting. Neurosurgery A World of Innovation. Los Angeles, CA, April 22, 2017. Advanced Lateral Transpsoas MIS Techniques: Expanding LLIF Indications. The ACR procedure.

85<sup>nd</sup> AANS Annual Scientific Meeting. Neurosurgery A World of Innovation. Los Angeles, CA, April 22, 2017. Spinal Alignment: What Every Surgeon Needs to Know. MIS for Deformity. Faculty. Platform Presentation.

XXVIII. Colombian Neurosurgical Society. Annual Meeting. Cali, Colombia. March 29- April 1, 2017. Invited Faculty. MIS Decompression, When and How.

Colombian Neurosurgical Society. Annual Meeting. Cali, Colombia. March 29- April 1, 2017. Invited Faculty. Tubular Decompression Techniques.

33<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Spine Summit. Minimally Invasive Techniques to Prevent PJK. Las Vegas, NV. Orlando, FL. March 8-11, 2017.

33<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Spine Summit. Moderator session 2. Las Vegas, NV. Orlando, FL. March 8-11, 2017.

33<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Spine Summit. Avoiding Iatrogenic Deformity with MIS Techniques. Las Vegas, NV. Orlando, FL. March 8-11, 2017.

American Academy of Orthopedics Surgeons (AAOS) Annual meeting. The MIS Anterior Column Release procedure. Invited Speaker. San Diego, CA. March 17, 2017



2<sup>nd</sup> Annual Safety in Spine Surgery Summit. What's the Evidence for MIS surgery enhancing patient safety and improving outcomes?. Invited speaker. New York City, NY. February 10, 2017

Co-Chairman. 2nd Annual Safety in Spine Surgery Summit. New York City, NY. February 10, 2017.

Spine Base to Summit. Use of computer generated intra-operative contoured rod. Invited Speaker. Beaver Creek, CO. January 26-28, 2017.

Spine Base to Summit. Iliac Screw Fixation. Invited Speaker. Beaver Creek, CO. January 26-28, 2017.

Spine Base to Summit. What Advances and Lessons Learned in MIS Deformity Surgery. Invited Speaker. Beaver Creek, CO. January 26-28, 2017.

Spine Base to Summit. MIS Indirect Anterior and Posterior Percutaneous. Invited Speaker. Beaver Creek, CO. January 26-28, 2017.

SOLAS East Regional Research Meeting. Program Director. New York, NY. December 9-10, 2016.

SOLAS East Regional Research Meeting. Speaker. Femoral Nerve Injuries. New York, NY. December 9-10, 2016.

SOLAS East Regional Research Meeting. Speaker. MIS Trauma. New York, NY. December 9-10, 2016.

Innovative and Advanced Surgery of the Degenerative and Deformed Lumbar Spine Hands-On Cadaver Course. Course Director: Ronald A. Lehman, MD, MD, Todd J. Stewart, **Juan Uribe, MD**. Saint Louis University. PASE Laboratory. Saint Louis, MO. November 17-19, 2016.

AANS Fundamentals in Spinal Surgery. Resident Course. Spine. Invited Faculty/Proctor. MITIE, Houston, TX. November 10-12, 2016.

North American Spine Society. 31<sup>th</sup> Annual Meeting. Boston, MA. October 26-29, 2016. Invited Faculty. Hands-on course: Minimally Invasive Spine Surgery.

SMISS Global Forum'16. Las Vegas, NV. October 13-15, 2016. Surgical Technique and Tips: MIS Anterior Column Release. Invited Speaker.

Congress of Neurological Surgeons Annual Meeting. San Diego, CA. September 24-28, 2016. L4/5 Lumbar Spondylolisthesis. XLIF. Invited Speaker. Plenary Session.

Congress of Neurological Surgeons Annual Meeting. San Diego, CA. September 24-28, 2016. Practical Course Spinal Deformity: Case-based Update. Faculty.

Congress of Neurological Surgeons Annual Meeting. San Diego, CA. September 24-28, 2016. Practical Course. My Worst Spine Complication: Case-based Examples and What I Learned. Course Director.

Congress of Neurological Surgeons Annual Meeting. San Diego, CA. September 24-28, 2016. Practical Course. Minimally Invasive Spine Surgery: What You Know and Where We Need to Go. Faculty.

51<sup>st</sup> Annual Meeting and Course. Scoliosis Research Society. SRS. Prague, Czech Republic. September 21-24, 2016. Faculty. Pre-meeting Course.

ONE spine Fellows Annual Course. Seattle, WA. August 11-14, 2016. MIS lateral Techniques. Proctor/Faculty Instructor.

V Brazilian Congress of Minimally Invasive Spine Surgery and Techniques. Sao Paulo, Brasil. July 28-30. Invited Speaker. MIS Spine Deformity Surgery: Complications and Avoidance.

23<sup>rd</sup> International Meeting on Advanced Spine Techniques IMAST. Washington, DC. July 13-16. MIS Deformity Correction (Adult and Pediatric). Moderators: Richard G. Fessler, MD, PhD & **Juan S. Uribe, MD**.

23<sup>rd</sup> International Meeting on Advanced Spine Techniques IMAST. Washington, DC. July 13-16. Debate 1: MIS Approaches Adult Degenerative Lumbar Scoliosis via Lateral/Oblique Are Best LLIF/OLIF: **Juan S. Uribe, MD**. OPEN: Henry F.H. Halm, MD.

23<sup>rd</sup> International Meeting on Advanced Spine Techniques IMAST. Washington, DC. July 13-16. Innovative & Diagnostic Methods Abstracts. Moderator.

23<sup>rd</sup> International Meeting on Advanced Spine Techniques IMAST. Washington, DC. July 13-16. Case Presentations with Panel Discussion. Panelist.

23<sup>rd</sup> International Meeting on Advanced Spine Techniques. Washington, DC. July 13-16. Anterior Column Realignment: How Much Lordosis Can Realistically

Be Achieved and How Much Risk is There to Anterior Vasculature? Invited Faculty. Platform Presentation.

Spine Technology and Educational Group Organization. 13TH Annual Symposium "State of Spine Surgery A Think Tank". Cabo San Lucas, Mexico. July 1-3, 2016. Debate – Lateral Fusion at L4-5?. Moderator.

Spine Technology and Educational Group Organization. 13TH Annual Symposium "State of Spine Surgery A Think Tank". Cabo San Lucas, Mexico. July 1-3, 2016. Cervico-Thoracic Deformity. Moderator.

Spine Technology and Educational Group Organization. 13TH Annual Symposium "State of Spine Surgery A Think Tank". Cabo San Lucas, Mexico. July 1-3, 2016. Debate -Deformity Surgery is Just a way to place 20 Screws, 2 Rods, Loads of Biologics and Fund Your Kids College Education. Moderator.

Spine Technology and Educational Group Organization. 13TH Annual Symposium "State of Spine Surgery A Think Tank".Cabo San Lucas, Mexico. July 1-3, 2016. MISS for spinal deformity. Invited Speaker.

LIF consensus Meeting. Rome, Italy. June 17-18, 2016. Indications and outcome for indirect decompression. Invited Speaker

LIF consensus Meeting. Rome, Italy. June 17-18, 2016. Minimal invasive lateral retropleural approach for symptomatic thoracic disc herniations. Invited Speaker.

LIF consensus Meeting. Rome, Italy. June 17-18, 2016. Lateral at L4-5 – Review of anatomy. Invited Speaker.

84<sup>nd</sup> AANS Annual Scientific Meeting. Neurosurgery Leading the Way. Chicago, IL, April 30- May 4 2016. Spondylolisthesis: Controversies in Management. Seminar. Faculty. Platform Presentation.

84<sup>nd</sup> AANS Annual Scientific Meeting. Neurosurgery Leading the Way. Chicago, IL, April 30- May 4 2016. Management of Adult Scoliosis. MIS Now and Then. Seminar. Faculty. Platform Presentation.

84<sup>nd</sup> AANS Annual Scientific Meeting. Neurosurgery Leading the Way. Chicago, IL, April 30- May 4 2016. Advanced Lateral Transpoas MIS Techniques: Expanding LLIF Indications. Seminar. Faculty. Platform Presentation.

84<sup>nd</sup> AANS Annual Scientific Meeting. Neurosurgery Leading the Way. Chicago, IL, April 30- May 4 2016. Lunch and learn Seminar. Global Spinal Alignment I: Lateral, Anterior, Posterior. Platform Presentation.

84<sup>nd</sup> AANS Annual Scientific Meeting. Neurosurgery Leading the Way. Chicago,

IL, April 30- May 4 2016. Thoraco-lumbo-sacral Alignment: Indications, Techniques and Case Discussions. MIS for Deformity. Seminar. Faculty. Platform Presentation.

84<sup>nd</sup> AANS Annual Scientific Meeting. Neurosurgery Leading the Way. Chicago, IL, April 30- May 4 2016. Cranio-cervical and C1-C2 Stabilization Techniques. Occipital Condyle Fixation. Seminar. Faculty. Platform Presentation.

ISASS 2016. MIS Symposium. MIS Lateral for Deformity Correction. Las Vegas, NV. April 6-8, 2016. Invited Speaker.

XXVII. Colombian Neurosurgical Association Annual Meeting. Invited Speaker. Platform Presentation. MIS Lateral transposas Interbody Fusion, Indications and Applications. Medellin, Colombia March 31, 2016.

XXVII. Colombian Neurosurgical Association Annual Meeting. Invited Speaker. Platform Presentation. MIS Scoliosis When and How. Medellin, Colombia. March 31. 2016.

XXVII. Colombian Neurosurgical Association Annual Meeting. Invited Speaker. Platform Presentation. Can MIS Surgery Avoid Extensive and Complicated Surgeries. Medellin, Colombia. March 31. 2016.

32<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Orlando, FL. March 16-19, 2016. Session Moderator. MIS Challenges and Solutions.

32<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Orlando, FL. March 16-19, 2016. SOLAS: Advanced Lateral Access. Challenges and Solutions: A Case Based Approach. Course Director.

9<sup>th</sup> Annual SOLAS Research Meeting. Thoracic, Corpectomy, and Deformity Correction. Moderator. San Diego CA, March 10-12, 2016.

9<sup>th</sup> Annual SOLAS Research Meeting. Platform Oral Presentation. Lateral at L4-5 - Review of Anatomy. San Diego CA, March 10-12, 2016.

9<sup>th</sup> Annual SOLAS Research Meeting. Platform Oral Presentation LLIF vs PLIF/TLIF for Spondy - What Do the Outcomes and Literature Tell Us? San Diego CA, March 10-12, 2016.

Director Spine Workshop. Oral platform presentation. Introduction to the Lateral Approach. 67<sup>th</sup> AANS Southern Neurosurgical Society Annual Meeting. San Antonio, TX. March 4, 2016.

Seattle Science Foundation. Lateral Approaches for the Spine. Co-Director. Faculty. Seattle, WA. February 27, 2016.

Spine Base to Summit. Minimizing Patients and Surgeons Radiation Exposure. Invited Speaker. Beaver Creek, CO. January 27-30, 2016.

Spine Base to Summit. Lumbar Correction Techniques (1-4 Levels). Lateral. Invited Speaker. Beaver Creek, CO. January 27-30, 2016.

Disruptive Thoughts in Global Alignment. Invited Speaker. Chicago, IL, Dec 11-12, 2015.

5<sup>th</sup> Annual UCSF Practical Course in Advances Spinal Techniques. Invited faculty/speaker. Las Vegas. Nov 6, 2015.

SMISS Global forum'15. Las Vegas, NV. November 5-7, 2015. Expert Case Discussions: Deformity and Revision. Moderators: C. Branch, MD & J. Uribe, MD

SMISS Global forum'15. Can MISS be Used to Avoid Bigger More Complicated Surgeries?. Invited Speaker. Las Vegas, NV. November 5-7, 2015.

SRS 5<sup>th</sup> Spine Deformity Solutions: A Hands-On Course. Faculty/speaker. Istanbul. October 23-24, 2015.

North American Spine Society. 30<sup>th</sup> Annual Meeting. Chicago, IL. November 2015. Fundamentals of Spine Surgery. Invited Speaker.

Annual Meeting of the Congress Of Neurological Surgeons. New Orleans, LO. September 26-30, 2015. Spinal Deformities: Short, Long, Medical—What is the Best Option? With Case-based Discussions. Platform Presentation.

Annual Meeting of the Congress Of Neurological Surgeons. New Orleans, LO. September 26-30, 2015. My Worst Spinal Complication: What I Learned. Course Director.

Annual Meeting of the Congress Of Neurological Surgeons. New Orleans, LO. September 26-30, 2015. New Innovations in Spine Surgery . Intraoperative Monitoring in MIS. Oral Platform Presentation.

ONE spine Fellows 2015. Seattle, Aug. 14-16, 2015. MIS lateral Techniques. Proctor/Faculty Instructor

22<sup>nd</sup> International Meeting on Advanced Spine Techniques. Kuala Lumpur, Malaysia July 8-11, 2015. Invited Faculty. Platform Presentation. What is the Role of the Lateral Transpoas Approach in Adult Deformity Correction and what are its Limits?

22<sup>nd</sup> International Meeting on Advanced Spine Techniques. Kuala Lumpur, Malaysia July 8-11, 2015. Invited Faculty. Platform Presentation. Lateral Interbody. Application to Deformity Correction. Video Presentation

22<sup>nd</sup> International Meeting on Advanced Spine Techniques. Kuala Lumpur, Malaysia July 8-11, 2015. Invited Faculty. Platform Presentation. Case Presentation

22<sup>nd</sup> International Meeting on Advanced Spine Techniques. Kuala Lumpur, Malaysia July 8-11, 2015. Invited Faculty. Platform Presentation. Debate 1: Which Approach is Superior for Treating Adult Degenerative Scoliosis?

83<sup>rd</sup> AANS Annual Scientific Meeting. Neurosurgery's Founding Principles. Washington, D.C. May 2-6, 2015. Dinner Symposia. Platform Presentation.

83<sup>rd</sup> AANS Annual Scientific Meeting. Neurosurgery's Founding Principles. Washington, D.C. May 2-6, 2015. Spondylolisthesis: Controversies in Management. Seminar. Faculty. Platform Presentation.

83<sup>rd</sup> AANS Annual Scientific Meeting. Neurosurgery's Founding Principles. Washington, D.C. May 2-6, 2015. Global Spinal Alignment: It Matters. Seminar. Faculty. Platform Presentation.

83<sup>rd</sup> AANS Annual Scientific Meeting. Neurosurgery's Founding Principles. Washington, D.C. May 2-6, 2015. Management of Adult Scoliosis. Seminar. Faculty. Platform Presentation.

83<sup>rd</sup> AANS Annual Scientific Meeting. Neurosurgery's Founding Principles. Washington, D.C. May 2-6, 2015. Lumbar Interbody Fusion: Direct Lateral Retroperitoneal Transpsoas Fusion. Seminar. Faculty. Platform Presentation

83<sup>rd</sup> AANS Annual Scientific Meeting. Neurosurgery's Founding Principles. Washington, D.C. May 2-6, 2015. Spinal Alignment Strategies: Thoracic Lumbar Sacral. Course. Faculty. Platform Presentation.

83<sup>rd</sup> AANS Annual Scientific Meeting. Neurosurgery's Founding Principles. Washington, D.C. May 2-6, 2015. Advanced MIS: Lateral Transpsoas Reconstruction. Course Co-Director.

8<sup>th</sup> Annual SOLAS Research Meeting. San Diego CA, April 18, 2015. ACR: Who Needs One? How to do it? Complications. Platform Oral Presentation.

Invited faculty. Oral platform presentation. Lateral Workshop. Introduction to the Lateral Approach and History of Lateral Interbody Fusion Procedure. Platform

Presentation. 66<sup>th</sup> AANS Southern Neurosurgical Society Annual Meeting. March 27, 2015. Naples, FL.

31<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Phoenix, AZ. March 4-7, 2015.

31<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Phoenix, AZ. March 4-7, 2015. Special Course VI. Mexican Spine Surgeon Symposium. Course Director.

31<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Phoenix, AZ. March 4-7, 2015. Special Course III. Problem Based Learning, Minimally Invasive Approaches. Faculty. Platform Presentation.

Spine Surgery Live. MIS Complications and Avoidance. Lessons Learned. February 12-14, 2015. Saint Louis, MO. Invited Faculty. Platform Presentation.

Cedars-Sinai 14<sup>th</sup> Annual Symposium on Current Concepts in Spinal Disorder. Is an ALL Release Needed in Every Patient Getting a LLIF?. Platform Presentation. Las Vegas, NV. Jan 29, 2015

Annual Course. Spine: Base to Summit. Beaver Creek, CO. January 16-19, 2015. Case Presentation. Does MIS reduce complications.

Annual Course. Spine: Base to Summit. Beaver Creek, CO. January 16-19, 2015. Case Presentation. Lumbar degenerative scoliosis

Annual Course. Spine: Base to Summit. Beaver Creek, CO. January 16-19, 2015. Case Presentation. Coronal imbalance and Sagittal imbalance. Speaker.

Annual Course. Spine: Base to Summit. Beaver Creek, CO. January 16-19, 2015. Case Presentation and Discussions. Pannelist.

Annual Course. Spine: Base to Summit. Beaver Creek, CO. January 16-19, 2015. Transpsoas anterior longitudinal ligament sectioning for lordosis enhancement: Useful or dangerous?. Invited Speaker.

Disruptive Thoughts in Global Alignment Course. Chicago, IL. Dec 12-13, 2015. ACR Procedure. Invited Speaker.

North American Spine Society. 29<sup>th</sup> Annual Meeting. San Francisco, CA. November 12-15. MIS ASD: Multilevel Decompression. Invited Speaker.

North American Spine Society. 29<sup>th</sup> Annual Meeting. San Francisco, CA. November 12-15. Tubular Access for decompression of the lumbar spine. Invited Speaker

North American Spine Society. 29<sup>th</sup> Annual Meeting. San Francisco, CA. November 12-15. Minimally Invasive Spine Surgery Hands-on Course. Faculty.

North American Spine Society. 29<sup>th</sup> Annual Meeting. San Francisco, CA. November 12-15. Nov 10. Pre meeting Cadaveric course Lab. Minimally Invasive Lateral Approach. Faculty/Proctor.

Congreso Anual de Neurocirugia Chileno. Puerto Varas, Chile. November 7-8, 2014. Invited Professor.

Annual Meeting of the Congress Of Neurological Surgeons. Question of balance. Boston, Mass. October 18-22, 2014. Debate. Degenerative Scoliosis: Short. Invited speaker. Platform Presentation.

Annual Meeting of the Congress Of Neurological Surgeons. Question of balance. Boston, Mass. October 18-22, 2014. Practical Course. Challenges of Addressing Spinal Balance with Minimally Invasive Surgical Techniques. Platform Presentation.

Annual Meeting of the Congress Of Neurological Surgeons. Question of balance. Boston, Mass. October 18-22, 2014. Practical Course. My Worst Spinal Complication: What I Learned. Platform Presentation

SRS /AANS Spine Deformity Course. Invited Faculty/Proctor. MITIE, Houston, TX. October 9-11, 2014.

AANS Fundamentals in Spinal Surgery Resident Course. Spine. Invited Faculty/Proctor. MITIE, Houston, TX. October 2-4, 2014.

SMISS. Global annual Forum. Miami, Florida. September 20, 2014. Moderator. Free Paper Session, Degenerative 1.

Invited professor. Spine update course. Ushuaia, Argentina. Aug 22-23, 2014.

Proctor/Faculty Instructor. ONE spine Fellows 2014. Seattle, Aug. 15-17, 2014. MIS lateral Techniques.

82<sup>nd</sup> AANS Annual Scientific Meeting. Expanding Neurosurgery. San Francisco, CA. April 5-9, 2014. 309 Lumbar Interbody Fusion: Direct Lateral Retroperitoneal Transpoas Fusion



82<sup>nd</sup> AANS Annual Scientific Meeting. Expanding Neurosurgery. San Francisco, CA. April 5-9, 2014. 210 Minimally Invasive Spinal Neurosurgery: Indications, Techniques and Complications. Platform Presentation.

82<sup>nd</sup> AANS Annual Scientific Meeting. Expanding Neurosurgery. San Francisco, CA. April 5-9, 2014. 210 Minimally Invasive Spinal Neurosurgery: Indications, Techniques and Complications. Platform Presentation

82<sup>nd</sup> AANS Annual Scientific Meeting. Expanding Neurosurgery. San Francisco, CA. April 5-9, 2014. 112 Spondylolisthesis: Controversies in Management. Platform Presentation.

82<sup>nd</sup> AANS Annual Scientific Meeting. Expanding Neurosurgery. San Francisco, CA. April 5-9, 2014. 036 Thoracic and Lumbar Stabilization and Fusion: Strategies to Improve Outcomes and Reduce Complications. Platform Presentation

82<sup>nd</sup> AANS Annual Scientific Meeting. Expanding Neurosurgery. San Francisco, CA. April 5-9, 2014. Practical Clinic. 026 MIS: Direct Lateral Retroperitoneal Transpsoas Fusion.Co-Director. Oral Platform Presentation and Proctor Hands-on Course.

82<sup>nd</sup> AANS Annual Scientific Meeting. Expanding Neurosurgery. San Francisco, CA. April 5-9, 2014. Dinner Symposium IV: Minimally Invasive Surgery. Minimally Invasive Lateral Approaches to Spine

SRS /AANS Spine Deformity Course. Invited Faculty/Proctor. MITIE, Houston, Tx April 24-26, 2014.

Invited faculty. Oral platform presentation. Debate: MIS lateral vs TLIF. 65<sup>th</sup> AANS Southern Neurosurgical Society Annual Meeting. February 19-22, 2014. San Juan, PR.

AANS Fundamentals in Spinal Surgery for Residents. Invited Faculty/Proctor. MITIE, Houston, Tx. November 14-16, 2013

Annual Meeting of the Congress Of Neurological Surgeons. The Evolution of Neurosurgery. San Francisco, CA. October 19-23, 2013. Practical Course. Sagittal Balance in Spinal Surgery. Platform Presentation.

Annual Meeting of the Congress Of Neurological Surgeons. The Evolution of Neurosurgery. San Francisco, CA. October 19-23, 2013. Practical Course. My Worst Spinal Complication: What I Learned. Platform Presentation.

NASS 2013 Annual Meeting. Proctor. Precourse Cadaveric workshop. MIS Surgical Techniques. New Orleans, Louisiana. October 2, 2013

29<sup>th</sup>. Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Phoenix, AZ. March 6-9, 2013. Luncheon Symposium IV – Lateral Retroperitoneal Interbody Fusion: Technique and Outcomes. Course Director

Proctor. XLIF Deformity Course. Cadaveric training workshop. Nuvasive MVP course. New Jersey. Feb 23, 2013

Proctor Director. XLIF Advanced Applications. Cadaveric training workshop. Ann Arbor, MI. Feb16, 2013.

Proctor. XLIF Deformity Course. Cadaveric training workshop. Nuvasive MVP course. New Jersey. December 14, 2012

Proctor. Hands On Course. AANS Fundamentals in Spinal Surgery for Residents November 8-10, 2012 Spine Education and Research Center, Burr Ridge, IL

Proctor. Hands on Minimally Invasive Spine Course. NASS Annual Meeting. Dallas. October 23, 2012

Proctor. XLIF Deformity Course. Cadaveric training workshop. Nuvasive MVP course. New Jersey. October 19, 2012

Proctor. XLIF Deformity Course. Cadaveric training workshop. Nuvasive MVP course. New Jersey. July 14, 2012

Director. USF Neurosurgery Spine Simulation Course. Minimally invasive Transforaminal Lumbar Interbody Fusion. Dec 21, 2011.

Faculty. AANS Fundamentals in Spinal Surgery Resident Course. Spine Education & Research Center (SERC), Burr Ridge, **Illinois**. November 10-12 2011

Proctor. Advanced MIS laboratory. 2011 Annual Meeting of the Society for Minimally Invasive Spine Surgery October 21-23, 2011. Las Vegas, NV.

Proctor. Orthofix Atlas Forum. Cadaveric workshop. Oquendo Center. Las Vegas NV, October 20, 2011.

Proctor. XLIF Deformity Course. Cadaveric training workshop. Nuvasive MVP course. San Diego, CA. October 14, 2011

Proctor. XLIF Deformity Course. Cadaveric training workshop. Nuvasive MVP course. San Diego, CA. August 13, 2011

Proctor. XLIF Mastery Course. Cadaveric training workshop. Nuvasive MVP course. San Diego, CA. June 17 2011

Proctor. XLIF Corpectomy. Cadaveric training workshop. Nuvasive MVP course. San Diego, CA. June 18, 2011.

Proctor. Cervical Surgical Approaches. Hands on Course. Nuvasive MVP course. New Jersey, NJ. June 10 2011.

Faculty. SMISS Minimally invasive spine techniques. Hands on Course. Spine Education & Research Center (SERC), Burr Ridge, Illinois. May 13 2011.

Proctor. XLIF Mastery Course. Cadaveric training workshop. Nuvasive MVP course. New Jersey, NJ. May 6 2011.

Proctor. XLIF Corpectomy. Cadaveric training workshop. Nuvasive MVP course. San Diego, CA. February 25, 2011.

Invited Professor. Department of Neurosurgery. University of Mississippi. Jackson, MS. January 21, 2011.

Course Director. 5<sup>th</sup> Annual David W. Cahill Spine Symposium. Tampa, FL. January 7-8, 2011.

Proctor. XLIF Advance techniques. Cadaveric training Workshop. Nuvasive MVP Course. San Diego, CA. Dec 10. 2010

Faculty. K2M Cadaveric Workshop. MIS Techniques. Atlanta. December 4, 2010

Faculty. AANS Fundamentals in Spinal Surgery Resident Course. Spine Education & Research Center (SERC), Burr Ridge, Illinois. November 17-21, 2010.

Proctor Director. Nuvasive MVP cadaveric training workshop. UT South Western. Department of Neurosurgery. Dallas, TX. September 17, 2010.

Proctor, XLIF Masters. Cadaveric training Workshop. Nuvasive MVP Course. New Jersey, NJ. September 10, 2010.

Proctor. Nuvasive Fellow/resident cadaveric course. Spine techniques. Miami, FL. August 21, 2010.

Proctor. XLIF Corpectomy. Cadaveric training Workshop. Nuvasive MVP Course. San Diego, CA. July 23, 2010.

Director. Nuvasive MVP cadaveric training workshop. UT South Western. Department of Neurosurgery. Dallas, TX. July 8, 2010.

Director, XLIF Masters. Cadaveric training Workshop. Nuvasive MVP Course. San Diego, CA. June 16 2010.

Instructor. AANS Lateral Approaches to spine. Cadaveric course. NASS training lab. Chicago, IL. May 21-22, 2010.

Proctor Nuvasive workshop. XLIF approach. Spine study group. West Palm Beach. May 13, 2010.

Proctor. XLIF Corpectomy. Cadaveric training Workshop. Nuvasive MVP Course. San Diego, CA. May 14, 2010.

Director. Cadaveric residents simulation course. Minimal invasive lumbar fixation techniques. USF Biomechanical lab. Tampa, Florida. March 20, 2010.

Proctor. Posterior Cervical fixation techniques. Cadaveric training course. Nuvasive laboratory. San Diego, CA. March 5, 2010.

Proctor. XLIF Cadaveric training Workshop. Nuvasive MVP Course. San Diego, CA. March 6, 2010.

XLIF Corpectomy. Cadaveric workshop. Nuvasive. San Diego CA. January 2010.

Proctor. Minimal invasive TLIF. New Spine Technology. Atlas Forum Meeting. Miami, FL. February 2010.

Director, XLIF Cadaveric training Workshop. Nuvasive MVP Course. San Diego, CA. December 4 2009.

Director, XLIF Cadaveric training Workshop. Nuvasive MVP Course. San Diego, CA. December 5 2009.

Course Director. 4<sup>th</sup> Annual Cahill Spine Symposium. Controversies in Spine Management. Tampa, FL. November 7-8, 2009.

Co-Director, XLIF Cadaveric training Workshop. Nuvasive MVP Course. San Diego, CA. August 15, 2009.

Proctor. Cadaveric Workshop. Minimal invasive techniques. K2M Cadaveric Laboratory. Washington, June 2009.

Instructor. Cadaveric workshop. AxiaLIF Technique. University of South Florida Spine Biomechanics Laboratory. Tampa, FL. May 5, 2009.

Invited Faculty. Pre-meeting Clinical Course. AANS Annual Meeting. Complex posterior cervical instrumentation. San Diego, CA. May 3, 2009.

Co-Director. XLIF Cadaveric Training Lab. Nuvasive MVP Course. San Diego, CA. March 2009.

Proctor. Workshop. Lumbar Spinous fusion using Aspen Plate. University of South Florida Spine Biomechanics Laboratory. Tampa, FL. January 17, 2009.

Proctor. XLIF Surgical procedure. Tampa General Hospital. Tampa, FL. January 2009.

Proctor. AxiaLIF Surgical Procedure. Tampa General Hospital. Tampa, FL. December 2008.

Director. Spine Simulation cadaveric training course. Posterior Cervical instrumentation techniques. University of South Florida Spine Biomechanics Laboratory. Tampa, FL. December 20, 2008.

Instructor. Cadaveric Workshop. Occipitocervical fixation using occipital condyles. Medical Education & Research Institute of Nevada (MERIN). Henderson, NV. November 1, 2008.

Assistant Instructor. Neuroendoscopy workshop. I Pain American Neurosurgical Update Course. Miami, FL. June 1998.

Assistant Instructor. Microsurgical skull base course. University of Miami.  
Miami, FL. June 1998.

## FUNDED AND UNFUNDED RESEARCH

A Prospective, Non-randomized, Multicenter Evaluation of the Utility of Transcutaneous Stimulation of the Lumbosacral Nerve Roots During XLIF and its Relationship to Postoperative Nerve Health. PI. Nuvasive

Identification of the Femoral Nerve Using Magnetic Resonance Neurography Correlated with Findings on Intra-Operative Monitoring. Non Funded.

DuraSeal Exact Spinal Sealant System Post Approval Study. Sponsored by Integra

National Neurosurgery Quality and Outcomes Database (N2QOD). Not sponsored.

SOLAS Spinal Surgery Registry: Prospective Clinical and Radiographic Outcomes Data Collection in Degenerative, Deformity, and Trauma Patients (form ID: 15755) 12/12/2011

Multimodality Neuromonitoring in Extreme Lateral Interbody Fusion (XLIF) (from: ID: 16709). 3/8/2012

The Effect of Stretch and Pressure on Femoral Nerve Injury Using the Extreme Lateral Retroperitoneal Transpsoas Approach in the Goat Animal Model. An Experimental Study. (Form ID: 11103)

An In Vivo Biomechanical Comparison of Two Different Corpectomy Fixation Cages (X core Wide Foot vs X core round foot) in a Human Cadaveric Spine Model (Form ID: 11513) 12/21/2010

Effect of Mechanical Compression of Retraction Blades on The lumbosacral Spine in an Animal Model of the Anterolateral Transpsoas Approach for Lumbar Fusion. (From ID: 11523)

Nuvasive Inc.

Title: XLIF TDR. A Pivotal, Multicenter, Clinical trial Evaluating the safety and Effectiveness of the Lumbar TDR device in patients with Single level Lumbar Degenerative Disc Disease.

Nuvasive Inc.

Title: Clinical retrospective evaluation of Osteocel on cervical spine

Nuvasive Inc.

Title: Clinical prospective use of osteocel for Cervical fusion.

Blackstone Medical Inc.

Title: Clinical Trial Comparing the Blackstone Advent Cervical Disc to Anterior Cervical Discectomy and Fusion (ACDF) for the Treatment of One Level Degenerative Disc Disease. Protocol #CP-01003B

Integra Life Sciences, Corp

Title: Randomized Controlled Trial of Duragen Plus Adhesion Barrier Matrix to Minimize Adhesions Following Lumbar Discectomy. Protocol #DURA-US-2006-1

Bayer Pharma

Title: A multicenter, open-label, phase 3 study to determine the safety and efficacy of gadobutrol 1.0 molar (Gadovist) in patients referred for contrast-enhanced MRI of the central nervous (CNS). Protocol #310124

## FELLOWS/RESIDENT TRAINING

Tann Nicholls. Chief Resident. USF Department of Neurosurgery. 2007-2008

Samy Yousseff. Chief Resident. USF Department of Neurosurgery. 2007-2008

Nicolas Arredondo. Chief Resident. USF Department of Neurosurgery. 2008-2009

Magdalena Banasiak. Chief Resident. USF Department of Neurosurgery. 2008-2009

Jay Pal Sangala. Clinical Fellow 2007-2008. USF Department of Neurological Surgery

Rafael Cardona. Clinical Fellow 2009-2010. USF Department of Neurological Surgery

Edwin Ramos. Chief Resident. USF Department of Neurological Surgery. 2009-2010

Clinton Burkitt. Chief resident. USF Department of Neurological Surgery. 2009-2010

Ali Baaj. Chief Resident. USF Department of Neurological Surgery. 2010-2011

Clinton Burkitt. Clinical Spine Fellow. Department of Neurological Surgery. 2010-2011

Armen Deukmedjian. Clinical Spine Fellow. Department of Neurological Surgery. 2011-2012

Glen Pollock. Chief Resident. USF Department of Neurological Surgery. 2011-2012

Elias Dakwar. Chief Resident. USF Department of Neurological Surgery. 2011-2012

Tien Le. Chief resident. USF Department of Neurological Surgery. 2012-2013

Tse Lao. Chief resident. USF Department of Neurological Surgery. 2012-2013

Alexandrous Zouzias. Clinical Spine Fellow. USF Department of Neurological Surgery. 2012-2013

Armen Deukmedjian, Chief Resident. USF Department of Neurological Surgery. 2013-2014

Rohit Vasan. Chief Resident. USF Department of Neurological Surgery, 2013-2014

Michael Park. Clinical Spine Fellow. USF Department of Neurologica Surgery, 2013-2014

Gisela Murray. Clinical Spine Fellow. USF Department of Neurologica Surgery, 2014-2015

Amir Ahmadian, Chief Resident. USF Department of Neurological Surgery. 2014-2015

Angela Downs, Chief Resident. USF Department of Neurological Surgery. 2013-2015

Chun Po Yen. Clinical Spine Fellow. USF Department of Neurological Surgery. 2015-2016



Jacob Janusweski. Clinical Spine Fellow. USF Department of Neurological Surgery. 2016-2017

Josh Beckman, Chief Resident. USF Department of Neurological Surgery. 2016-2017

Randall Graham. Clinical Spine Fellow. USF Department of Neurological Surgery. 2017

Yuseff Mosley. Chief Resident. USF Department of Neurological Surgery. 2016-2017.

## PATENTS

Title: Occipito-Cervical Fixation Enabling Supplemental Occipital Bone Fixation  
Patent #: 07B106PRWO\_Uribe  
Issued: 2008

## OTHER ACADEMIC ACTIVITIES

Chairman. Annual Meeting. Society for Minimal Invasive Surgery SMISS. Las Vegas, NV. November 2016.

Chairman. Annual Meeting. ISASS. Miami, FL. April 14, 2014.

Chairman. Annual Meeting. Society for Minimal Invasive Surgery SMISS. Miami, FL. September 21-23, 2012.

Invited Professor:

Hospital for Special Surgery,  
Weill Cornell Medical College  
Invited Professor- New York, NY.  
February 8, 2018.

Invited Professor. Grand Rounds.  
Department of Neurosurgery. Barrow  
Neurological Institute. Phoenix, AZ.  
September 2, 2016.

Invited Professor. Grand Rounds.  
Department of Neurosurgery. UPMC  
University of Pittsburg Medical Center.  
Pittsburgh, PA. September 1, 2016.

Invited Professor. Grand Rounds.  
Department of Neurosurgery. University  
of Michigan. Ann Arbor, MI. Aug 17-18,  
2016

Invited Professor. Grand Rounds.  
Department of Neurosurgery. Rush  
University. Chicago, IL. Feb 9-10, 2016

Invited Professor. Grand Rounds.  
Department of Neurosurgery. University  
of Florida. Gainesville, FL. Feb 18-19,  
2016

Invited Professor. Grand Rounds.  
Department of Neurosurgery. Buffalo  
University. Buffalo, NY. May 14, 2014

Invited Professor. Grand Rounds.  
Department of Orthopedics. NYU New  
York University. Hospital for Joint  
Diseases. New York, NY. December 20,  
2013

Invited Professor. Grand Rounds.  
Department of Neurosurgery. University  
of Virginia. Charlottesville, VA. June 1,  
2013

Invited Professor. Grand Rounds.  
Department of Neurosurgery. John  
Hopkins University. Baltimore, VA. May  
30, 2013

Invited Professor. Grand Rounds.  
Department of Neurosurgery. Cornell  
Weill University. New York. NY. Jan 14,  
2013

Invited Professor. Grand Rounds.  
Department of Neurosurgery. University

of Mississippi. Jackson, MS. Jan 21,  
2011

Invited scientific reviewer:

Guest Editor Journal of Neurosurgery  
MIS spinal surgery issue. 2013

Guest Editor, Journal of Neurosurgery  
Focus. Spine Deformity. 2014

Redox report

Journal Human Immunology

Acta Neurochirurgica

Spine Journal

Associate Editor Journal of Spine

The Scientific Spine Journal

Spine Universe

Journal of Neurosurgery

Neurosurgery

Associate Editor Operative  
Neurosurgery

Scientific Committee:

AANS DSPN Scientific Committee.  
2014-16, 2018

SMISS annual meeting. Las Vegas, NV.  
Oct 2016

SMISS annual meeting. Las Vegas, NV.  
Oct 2015

AANS annual meeting, New Orleans, LA  
April 2014

AANS annual meeting, New Orleans, LA  
April 2013

AANS annual meeting, Denver, CO  
April 2011

AANS annual meeting. Miami, FL, April  
2012

SMISS annual meeting. Las Vegas, NV.  
Oct 2011