

ON DEMAND SESSION 1: DEFORMITY & DEGENERATIVE ABSTRACTS

Paper 6: “Do No Harm”: A Retrospective Analysis of the Initial Risk of Complications in Robotic Spine Surgery

Peter Passias, MD¹, Katherine Pierce, BS¹, Sara Naessig, BS¹, Oscar Krol, BA¹, Nick Kummer, BS¹, Frank Segreto, BS¹, Shaleen Vira, MD¹, Lara Passfall, BS¹, Bassel Diebo, MD²
¹NYU Langone Hosp., New York, NY, ²SUNY Downstate Dept. of Orthopedics, Brooklyn, NY.

Paper 7: Short Segment Minimally Disruptive Anterior Column Realignment for Focal Sagittal Correction of The Thoracolumbar Spine

Sahir Jabbouri, BS¹, Alexandre Vesselle, BA¹, Antoine Tohmeh, MD²
¹WSU Elson S. Floyd Coll. of Med., Spokane, WA, ²MultiCare Neuroscience Inst., Spokane, WA.

Paper 8: Long-term Radiographic Outcomes of MIS Anterior and Blended MIS and Mini-open Posterior Exposures for ASD: A New Hybrid Approach

Alexandre Vesselle, BA¹, Sahir Jabbouri, BS¹, Antoine Tohmeh, MD²
¹WSU Elson S. Floyd Coll. of Med., Spokane, WA, ²MultiCare Neuroscience Inst., Spokane, WA.

Paper 9: Correction of Marked Sagittal Deformity with Circumferential Minimally Invasive Surgery Using Oblique Lateral Interbody Fusion in Adult Spinal Deformity

Seung Won Park, Prof, Myeong Jin Ko, Asst Prof;
Chung-Ang Univ. Hosp., Seoul, Korea.

Paper 10: Quantitative Analysis of Tissue Injury Markers After Adolescent Idiopathic Scoliosis (AIS) Correction: A Prospective Study of Open vs. Minimally Invasive Surgery

Devender Singh, PhD, Matthew Geck, MD, **Taylor Wiseman, PAC**, Jane Crockard, PAC, John Stokes, MD, Eric Truumees, MD
Ascension Texas Spine and Scoliosis, Austin, TX.

Paper 11: Outcomes Following Cervical Disc Replacement in Patients with Myelopathy Versus Radiculopathy

Ryan Lee, MBA, Avani Vaishnav, MBBS, Hikari Urakawa, MD, Kosuke Sato, MD, Chirag Chaudhary, MBBS, MS (Ortho), Russel Huang, MD, Todd Albert, MD, Sheeraz Qureshi, MD, MBA
Hosp. for Special Surgery, New York, NY.

Paper 12: Minimally Invasive Sacroiliac Joint Fusion with Decortication and Bone Grafting: 2-year Clinical Outcomes

Antoine Tohmeh, MD¹, **Ali Araghi, DO²**

¹MutliCare Inst. for Res. & Innovation, Tacoma, WA, ²The CORE Inst., Sun City West, AZ.

Paper 13: Evaluation Between Minimally Invasive Transforaminal Lumbar Interbody Fusion with Unilateral Pedicle Fixation and Bilateral Fixation in Patients with Degenerative Lumbar Spondylolisthesis: A 4 Years Follow-up Results.

Qingbing Meng, MD

The 4th Affiliated Hospital To Nantong University, Yancheng, China.

Paper 14: Influence of Depression on Achieving Minimal Clinically Important Difference Following Lumbar Decompression

Elliot Cha, MS, James Parrish, MPH, Nathaniel Jenkins, MS, Conor Lynch, MS, Shruthi Mohan, BS, Cara Geoghegan, BS, Caroline Jadcak, BS, Kern Singh, MD
Rush Univ. Med. Ctr., Chicago, IL.

Paper 15: Comparative Analysis of Transforaminal Endoscopic Thoracic Discectomy and Microscopic Discectomy for Symptomatic Thoracic Disc Herniation

Junseok Bae, Sang-Ho Lee

Wooridul Spine Hosp., Seoul, Korea.

Paper 16: Unilateral Versus Bilateral Facetectomy and its Effect on Segmental Lordosis and Disc Height in MIS TLIF

Dillon Mobasser¹, **Jean-Pierre Mobasser, MD²**, Jacob Archer, MD³, Stephen Mendenhall, MD³

¹Indiana Univ., Bloomington, IN, ²Goodman Campbell Brain & Spine, Indianapolis, IN, ³Indiana Univ. Sch. of Med., Indianapolis, IN.

Paper 17: Development and Initial Internal Validation of a Novel Classification System for Perioperative Outcomes Following Minimally Invasive Degenerative Lumbar Spine Surgery

Philip Louie, MD¹, Avani Vaishnav, MBBS², Hikari Urakawa, MD², Kosuke Sato, MD², Chirag Chaudhary, MBBS, MS (Ortho)², Ryan Lee, MBA², Jung kee Mok, BS², Virginie Lafage, PhD², Catherine Himo Gang, MPH², Sheeraz Qureshi²

¹Virginia Mason Neuroscience Inst., Seattle, WA, ²Hosp. for Special Surgery, New York, NY.

Paper 18: Bilateral Lumbar Erector Spinae Plane Blocks Reduce Postoperative Pain and Opioid Requirements in Minimally Invasive Transforaminal Lumbar Interbody Fusion (MI-TLIF)

Douglas Wetmore, MD, Avani Vaishnav, MBBS, James Beckman, MD, Todd Albert, MD, Catherine Himo Gang, MPH, **Sheeraz Qureshi**
Hosp. for Special Surgery, New York, NY.

Paper 19: Do Large Lumbar Disc Prolapse Necessitate Primary Fusion? A Survey of Large Lumbar Disc Prolapses Operated by Minimal Invasive Discectomy Only

Subir Jhaveri, MS(Ortho), Arth Patel, D.Ortho, Shivam Kiri, D.Ortho, Sharan Jhaveri, III, MBBS; Dr. Subir Jhaveri's Spine Hosp., Ahmedabad, India.

Paper 20: Initial Experience Using a 2D Tube Mounted Camera in MIS TLIF

Alfred Ogden, MD

Neurosurgeons of New Jersey, Ridgewood, NJ.

Paper 21: Minimally Invasive Tubular Retractors: Ideal Size of Retractor Tube Based on Interlaminar Space

Nikhil Arbatti, MS Orthopaedics

Nanavati Superspeciality Hospitals, Mumbai, India.