SOLAS Session 7: New Technologies/Techniques

Single Photon Emission Computed Tomography (SPECT) Is Useful As A Diagnostic Tool In Degenerative Spinal Disorders: A Retrospective Cohort Study

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Efficacy And Quality Of Life Following Treatment Of Lumbar Spinal Stenosis, Spondylolisthesis Or Degenerative Disc Disease With Minuteman™ Interspinous Interlaminar Fusion Implant Versus Surgical Decompression: A Prospective Randomised Trial

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The Minimally Invasive Lateral Retropelvisal And Retroperitoneal Approaches In Patients With Thoracic And Lumbar Osteomyelitis

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Operative Time And Learning Curve Between Conventional Fluoroscopy, Fluoroscopy-Based Instrument Navigation, And Robot-Assisted Instrumentation In Minimally Invasive Transforaminal Lumbar Interbody Fusion (MIS-TLIF)

T. Wang¹, F. Hamouda², E. Sankey³, V. Mehta³, K. Than¹, C. Goodwin¹, I. Karikari¹, M. Abd-El-Barr¹; ¹Neurosurgery, Duke University, Durham, NC/United States of America, ²TrackX, Chapel Hill, NC/United States of America

Preliminary Results Of The Prone Transpsoas Technique – Multicenter Experience

L. Pimenta¹, G.H.D. Pokorny¹, R. Amaral¹, R. Rodrigues¹, W. Taylor², A. Tomeh³, D. Arnoni¹, T. Guerreï³, M. Batista¹; ¹Instituto de Patologia da Coluna, São Paulo/Brazil, ²UCSD, San Diego/Brazil, ³Providence Holy Family Hospital, Spokane/Brazil
Artificial Intelligence Enabled, Real-Time Intraoperative Ultrasound Imaging: Validation In A Porcine Spine Model

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Comparative Outcomes By Body Mass Index In Minimally Invasive Lateral Lumbar Interbody Fusion With A Unique Retractor And Hybrid Implant: Interim Multi-Center Study Findings

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Comparative Analytic Study Of Clinical And Radiographic Outcome Among Minimal Invasive Transforaminal Lumbar Interbody Fusion (MIS-TLIF) , Extreme Lateral Lumbar Interbody Fusion (XLIF) , Oblique Lateral Lumbar Interbody Fusion (OLIF)

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Transpsoas Approach For Interbody Fusion With A Novel Hybrid Device: Preliminary Results Of Peri-Operative Outcomes In A Real-World Population Through 90-Days Post-Op

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Right-Sided Oblique Pre-Psoas Access To The Lumbar Spine- Is It Safe?

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A Novel Approach To Evaluating Lateral Lumbar Interbody Fusion Using A 3D-Printed Porous Titanium Interbody Device


Optimization Of A Disc Degeneration Model In The Rat Lumbar Spine


A Novel Cost-Effective Training And Assessment Simulator For Lateral Access Spine Surgery

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A Prospective, In-Depth Analysis Of Perioperative Anterior Thigh Symptoms Associated With A Direct Lateral Access Approach For Lumbar Interbody Fusion

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