Scientific Papers and Publications Featuring Medical Metrics® Technology and Methods

Peer-reviewed Journal Papers and Book Chapters

2013
1. Davis RJ, Errico TJ, Hyun B, Auerbach JD. Decompression and coflex® interlaminar stabilization compared to decompression and instrumented spinal fusion for spinal stenosis and low-grade degenerative spondylolisthesis: Two-year results from the prospective, randomized, multicenter Food and Drug Administration Investigational Device Exemption Trial. Spine 2013; In press


2012


2011


19. Delamarter R, Zigler JE, Balderston RA, Cammisa FP, Goldstein JA, Spivak JM. Prospective, randomized,


2010


2009


2008


2007


2006


2004


Scientific Abstracts, Posters and Proceedings

2012

83. Spivak J, Delamarter R, Murrey D, Zigler J, Janssen M, Goldstein J. Adjacent Level Radiographic Degenerative Changes Following Single Level Artificial Disc Replacement or ACDF at 5-7 Year Follow-up. 27th Annual Meeting of the North American Spine Society, October 2012, Dallas, TX.

84. Zigler JE, Delamarter RB. Five-year adjacent level degenerative changes comparing lumbar total disc replacement to circumferential fusion in patients with single-level disease in a prospective randomized cohort analysis. 27th Annual Meeting of the North American Spine Society, October 2012, Dallas, TX.

85. Sears WR, Davis RJ. The Coflex® versus fusion US FDA IDE trial: An in vivo biomechanical study of adjacent segment motion following fusion. 27th Annual Meeting of the North American Spine Society, October 2012, Dallas, TX.

86. Murrey DB, Zigler JE, Delamarter RB, Spinak JM, Janssen ME. Seven-year results of the ProDisc-C multicenter randomized clinical trial. 27th Annual Meeting of the North American Spine Society, October 2012, Dallas, TX.

87. Lauryssen C. Multicenter prospective cervical total disc replacement using a next-generation device with compressible, flexible core and fiber annulus construct: Initial results from 42-month follow-up. 27th Annual Meeting of the North American Spine Society, October 2012, Dallas, TX.


89. Davis RJ, Araghi A, Bae HW, Hisey MS, Nunley PD. Investigational device exemption trial of cervical arthroplasty for treatment of degenerative disc disease at two levels: 24-month results of 330 subjects. 27th Annual Meeting of the North American Spine Society, October 2012, Dallas, TX.


93. Errico TJ, Auerbach JD, Davis RJ, Bae H. Low-Grade Spondylolisthesis can be effectively treated by either Coflex® interlaminar stabilization or laminectomy and posterior spinal fusion: Two-year clinical and radiographic results from the US IDE trial. International Society for the Advancement of Spine Surgery Annual Meeting, March 2012, Barcelona, Spain.

94. Davis RJ, Errico TJ, Bae H, Auerbach JD. Coflex® interlaminar stabilization compared to posterior spinal fusion for spinal stenosis and spondylolisthesis: Two-year results from the prospective, randomized, multicenter Food and Drug Administration IDE Trial. International Society for the Advancement of Spine Surgery Annual Meeting, March 2012, Barcelona, Spain.


2011


113. Derrick SM, Hipp JA, Love JC, Wiersema JM, Akella NS, Sanchez LA. New method of identification based on computer-assisted radiograph comparison. Presented at the 63rd Annual Meeting of the American Academy of...
2010


118. Kitchel S, Wharton N, Khandha A. Clinical assessment of Adjacent level effects (ALE) induced by a lumbar posterior dynamic stabilization (PDS) implant through measurement of Range Of Motion (ROM) and InterPedicular Travel (IPT). Presented at the 10th Annual Meeting of the Spine Arthroplasty Society, April 2010, New Orleans, LA.


123. Gornet MF, Peloza JH, Dryer RF, Jones, EA, Hipp JA, Schrank FW. Relationship between Changes in Lumbar Lordosis and Clinical Outcomes Following Lumbar Disc Arthroplasty. Presented at the 17th International Meeting on Advanced Spine Technologies, July 2010, Toronto, ON, Canada (poster).


2009


2008


163. Delamarter R, Zigler J, Balderston R, et al. Results of the Prospective, Randomized, Multicenter Food and Drug Administration Investigational Device Exemption Study of the ProDisc-L Total Disc Replacement vs. Circumferential Fusion for the Treatment of 2-Level Degenerative Disc Disease. Presented at the 8th Annual
Meeting of the Spine Arthroplasty Society, May 2008, Miami, FL.


2007


2006


2005


2004


2003


201. Sahni I, Reitman CA, Nguyen L, Hipp JA: Immediate effects of cervical spine fusion on intervertebral motion adjacent to the fusion. Baylor College of Medicine, Department of Orthopedic Surgery Spine Fellow Research Project, Presented at the 2003 graduation ceremony, Houston, TX.

2002


204. Roberts B, Lindsey RW, Zbigniew G, Hipp JA: Fluoroscopic Evaluation of Suspected Pseudoarthoses: A Useful