



EUROSPINE 2014

Scientific Programme - oral presentations

Wednesday, October 1, 2014

08:40 – 10:00 **Thoraco-Lumbar Spine, degenerative I**

Room: Plenary Hall

Chairs: Claudius Thomé, Innsbruck, Austria; Pierre Roussouly, Lyon, France

- 1 WHAT LEVEL OF PAIN ARE PATIENTS PREPARED TO LIVE WITH AFTER SURGERY FOR LUMBAR DEGENERATIVE DISORDERS?
*Tamas F Fekete, Frank S Kleinstück, Daniel Haschtmann, Dezső Jeszenszky, Francois Porchet, Anne F Mannion
Schulthess Klinik, Zürich, Switzerland*
- 2 CLINICAL STUDY ON LUMBAR CORTICAL SCREWS IN ELDERLY AND OSTEOPOROTIC PATIENTS. A NOVEL TECHNIQUE IN SCREW POSITIONING.
*Duccio BOSCHERINI, Ramona GUASTALLA, Sylvain DUC
Cliniques de La Source - Hôpitaux Universitaires Genève*
- 3 A 5-YEAR PROSPECTIVE STUDY INTO WHETHER PSEUDARTHROSIS AFTER POSTERIOR LUMBAR INTERBODY FUSION (PLIF) CAUSES LOWER BACK PAIN
*Tokumi Kanemura, Kotaro Satake, Hidetoshi Yamaguchi, Yoshimoto Ishikawa, Akiyuki Matsumoto, Zenya Ito, Shiro Imagama
Konan Kosei Hospital, Spine Center*
- 4 ADJACENT DISC DEGENERATION AND FACET JOINT ARTHRITIC CHANGE AFTER LUMBAR FUSION: WHICH IS MORE AFFECTED?
*Chang-Hoon Jeon, Nam-Su Chung, Han-Dong Lee, Seong-Youn Lim
Department of Orthopaedic Surgery, Ajou University School of Medicine, Suwon, Republic of Korea*
- 5 TARGETED THERAPY OF LOW BACK PAIN ASSOCIATED WITH DE NOVO DEGENERATIVE LUMBAR SCOLIOSIS IN THE ELDERLY: PROSPECTIVE OBSERVATION COHORT STUDY
*Kiyotaka Yamada, Yoshinori Fujimoto, Toshio Nakamae, Osami Suzuki, Takashi Hashimoto, Masaki Matsuura, Taiki Morisako
Hiroshima General Hospital*
- 6 SPINAL FUSION IS ASSOCIATED WITH INCREASED ADJACENT SEGMENT DISC DEGENERATION, WITHOUT CLINICAL CONSEQUENCE: LONG-TERM FOLLOW-UP OF FOUR RCTS
*Anne F Mannion, Gunnar Leivseth, Jens Ivar Brox, Peter Fritzell, Olle Hägg
Schulthess Klinik, Zürich, Switzerland*
- 7 ARE CURRENT IN VITRO BIOMECHANICAL PROTOCOLS SUITABLE TO EXPLAIN THE DEGENERATION OF ADJACENT SEGMENTS?
*Hans-Joachim Wilke (1), David Volkheimer (1), Masoud Malakoutian (2), Thomas R. Oxland (2, 3)
1 Institute of Orthopaedic Research and Biomechanics, Center of Musculoskeletal Research (zmfu), University of Ulm, Germany; 2
Department of Mechanical Engineering, University of British Columbia, Vancouver, Canada; 3 Department of Orthopaedics, University of
British Columbia, Vancouver, Canada*
- 8 THE DIFFERENCE OF OCCURRING SUPERIOR ADJACENT SEGMENT PATHOLOGY AFTER LUMBAR POSTEROLATERAL FUSION BY USING TWO DIFFERENT PEDICLE SCREW INSERTION TECHNIQUES IN 9-YEAR MINIMUM FOLLOW-UP
*Dingjun Hao, Baorong He, Liang Yan
Spine Surgery, Xi'an, China*