

14:00 – 15:20 **Thoraco-lumbar spine, degenerative II**

Room: Plenary hall

Chairs: Matti Scholz, Frankfurt, Germany; Paulo Pereira, Porto, Portugal

- 42** COMBATING OXIDATIVE STRESS-INDUCED PREMATURE SENESCENCE (SIPS) IN THE INTERVERTEBRAL DISC (IVD)
Olga Krupkova, Sonia Rossi, Marian Hlavna, Juergen Klasen, Stephen J Ferguson, Karin Wuertz-Kozak
D-HEST, ETH Zurich, Switzerland
- 43** REPEATED 3.0 TESLA MAGNETIC RESONANCE IMAGING AFTER CLINICALLY SUCCESSFUL LUMBAR DISC SURGERY
Clemens Weber, Øystein Petter Nygaard, Ole Solheim
Dept. of Neurosurgery, Stavanger University Hospital, Stavanger, Norway; Dept. of Neuroscience, Norwegian University of Science and Technology, Trondheim, Norway
- 44** EFFICACY AND SAFETY OF CONDOLIASE IN PATIENTS WITH LUMBAR DISC HERNIATION: A PROSPECTIVE RANDOMIZED CONTROLLED CLINICAL TRIAL
Kazuhiro Chiba, Yukihiro Matsuyama
Department of Orthopaedic Surgery, National Defense Medical College; Department of Orthopaedic Surgery, Hamamatsu University School of Medicine, The Japanese SI-6603 Study Group, Saitama, Japan
- 45** INCIDENTAL DURA LESIONS AND THE EFFECT ON OUTCOME AFTER DECOMPRESSION FOR LUMBAR SPINAL STENOSIS: RESULTS OF A MULTI-CENTER STUDY WITH 980 PATIENTS
Ralph Kothe, Markus Quante, Nils Engler, Franziska Heider, Christoph Siepe
Schön Klinik Hamburg Eilbek, Germany
- 46** DOES DAILY TOBACCO SMOKING AFFECT OUTCOMES AFTER MICRODECOMPRESSION FOR DEGENERATIVE CENTRAL LUMBAR SPINAL STENOSIS? A MULTICENTER OBSERVATIONAL REGISTRY-BASED STUDY
Charalampis Giannadakis, Sasha Gulati, Ulf Nerland, Ole Solheim
Department of Neurosurgery, St. Olavs University Hospital, Trondheim, Norway
- 47** COMPARISON OF DIBOTERMIN ALFA WITH AUTOGRAFT FOR SINGLE-LEVEL LUMBAR INTERBODY ARTHRODESIS USING POOLED INDIVIDUAL PATIENT DATA AND META-ANALYSIS
Kenneth Burkus, David Donnell, Koen van der Heijden, Fujian Song
The Hughston Clinic; Medtronic BioPharma B.V.; UEA Consulting Limited, Columbus, GA, USA
- 48** DOES LORDOTIC ANGLE OF CAGE DETERMINE LUMBAR LORDOSIS IN POSTERIOR LUMBAR INTERBODY FUSION?
Young-Tae Kim, Kyu-Jung Cho
Inha University Hospital, Incheon, Korea
- 49** PLIF SURGERY WITH EITHER PEEK OR TITANIUM-COATED PEEK-CAGES. A RANDOMISED CLINICAL AND RADIOLOGICAL TRIAL
Klaus Schnake, Nikolai Fleiter, Andreas Pingel, Christoph Hoffmann, Matti Scholz, Frank Kandziora
Center for Spinal Therapy; Schön Klinik Nürnberg Fürth, Germany
- 50** LEG PAIN IS A POSSIBLE SAGITTAL MALALIGNMENT CLINICAL PRESENTATION IN ADULT SPINAL DEFORMITY SURGERY
Mitsuru TAKEMOTO, Louis Boissiere, Ibrahim Obeid, Jean-Marc Vital, Ferran Pellisé, Francisco Javier Sanchez Perez-Grueso, Frank Kleinstuck, Emre R. Acaroglu, Ahmet Alanay, ESSG European Spine Study Group
Spine Unit 1, Bordeaux University Hospital, Bordeaux, France

- 51** RISK FACTORS ASSOCIATED WITH MECHANICAL COMPLICATIONS INCLUDING PROXIMAL JUNCTIONAL FAILURE AFTER OSTEOTOMY FOR ADULT SPINAL DEFORMITY
Evalina Burger, Cameron Barton, Andriy Noshchenko, Vikas Patel, Christopher Cain, Christopher Kleck
University of Colorado, Anschutz Medical Campus, Aurora, USA