

15:50 – 17:30 Thoraco-lumbar spine, degenerative III

Room: Plenary hall

Chairs: Luis Alvarez Galovich, Madrid, Spain; Finn Bjarke Christensen, Copenhagen, Denmark

- 52** COMPARISON OF AN ANTI-INFLAMMATORY DRUG DELIVERY SYSTEM VERSUS MSC THERAPY TO CONTROL INFLAMMATION IN A PRO-INFLAMMATORY INTERVERTEBRAL DISC ORGAN CULTURE SYSTEM
Graciosa P.Q. Teixeira, Catarina L. Pereira, Karin Benz, Hans-Joachim Wilke, Anita Ignatius, Mario A. Barbosa, Raquel Goncalves, Cornelia Neidlinger-Wilke
1Institute of Orthopaedic Research and Biomechanics, Center for Musculoskeletal Research, University of Ulm, Germany, 2Institute of Biomedical Engineering (INEB), Universidade do Porto, Portugal, 3Instituto de Ciências Biomédicas Abel Salazar (ICBAS), Universidade do Porto, Portugal, 4NMI Natural and Medical Sciences Institute at the University of Tuebingen, Reutlingen, Germany
- 53** DOES A PREOPERATIVE COGNITIVE-BEHAVIOURAL INTERVENTION AFFECT DISABILITY, PAIN BEHAVIOUR, PAIN AND RETURN TO WORK AFTER LUMBAR SPINAL FUSION SURGERY?
Nanna Rolving, Claus Vinther Nielsen, Finn Bjarke Christensen, Randi Holm, Cody Erik Bünger, Lisa Gregersen Oestergaard
Aarhus University Hospital, Aarhus, Denmark
- 54** PREOPERATIVE COGNITIVE-BEHAVIOURAL PATIENT EDUCATION VERSUS STANDARD CARE AFTER LUMBAR SPINAL FUSION: ECONOMIC EVALUATION ALONGSIDE A RANDOMIZED CONTROLLED TRIAL
Nanna Rolving, Rikke Soegaard, Claus Vinther Nielsen, Finn Bjarke Christensen, Cody Erik Bünger, Lisa Gregersen Oestergaard
Aarhus University Hospital, Aarhus, Denmark
- 55** QUALITY OF LIFE AND DISABILITY: CAN THEY BE IMPROVED BY ACTIVE POSTOPERATIVE REHABILITATION AFTER SPINAL FUSION SURGERY? A RANDOMISED CONTROLLED TRIAL WITH 12-MONTH FOLLOW-UP
Marko Neva, Outi Ilves, Joost Dekker, Liisa Pekkanen, Ilkka Marttinen, Kimmo Vihtonen, Kirsi Piitulainen, Salme Jarvenpaa, Arja Hakkinen
Department of Orthopaedics and Trauma, Tampere University Hospital, Tampere, Finland; Department of Health Sciences, University of Jyväskylä, Jyväskylä, Finland; Department of Physical Medicine and Rehabilitation, Central Finland Health Care District, Jyväskylä, Finland; Department of Rehabilitation Medicine and Department of Psychiatry, VU University Medical Center, Amsterdam, the Netherlands; Department of Orthopaedics and Trauma, Central Finland Health Care District, Jyväskylä, Finland
- 56** INDIVIDUAL COURSES OF LOW BACK PAIN IN ADULT DANES
- A COHORT STUDY WITH 4- AND 8-YEAR FOLLOW-UPS
Tom Bendix, Lars Korsholm, Lise Hestbaek, Per Kjaer
Rigshospitalet - Glostrup Hospital - University of Copenhagen, Denmark
- 57** ADDRESSING LUMBAR DEGENERATIVE DISC DISEASE, A PROSPECTIVE 5-YEAR-FOLLOW-UP STUDY WITH AN UNCONSTRAINED TDR
Joel Delecrin, Jacques Beaurain, Jerome Allain, Herve Chataigner, Thierry Dufour, Jean Huppert, Alexandre Poignard, Marc Ameil, Jean-Paul Steib
CHU Hôtel-Dieu, Service de Chirurgie Orthopédique, 1 place Alexis Ricordeau, Nantes, France

- 58** FINAL RESULTS OF AN INTERNATIONAL MULTICENTER, PROSPECTIVE, OBSERVATIONAL TRIAL ON LUMBAR ARTHROPLASTY FOR SYMPTOMATIC DISC DISEASE
Richard Assaker, Karsten Ritter-Lang, Dominique Vardon, Stephane Litrico, Stephane Fuentes, Michael Putzier, Joerg Franke, Peter Jarzem, Pierre Guigui, Gerard, Jean Charles, Gerard Nakach, Jean Charles Le Huec
CHRU de Lille, France
- 59** AN 11-YEAR MINIMUM FOLLOW-UP OF THE CHARITE III LUMBAR DISC REPLACEMENT FOR THE TREATMENT OF SYMPTOMATIC DEGENERATIVE DISC DISEASE
Yong Hai, Shibao Lu, Chao Kong
Orthopedic Surgery, Beijing Chaoyang Hospital, Capital Medical University of China, Beijing, China
- 60** GLOBAL SAGITTAL ANGLE (GSA): A STEP TOWARD FULL BODY ASSESSMENT FOR SPINAL DEFORMITY
Vincent Challier, Bassel Diebo, Shaleen Vira, Matthew Spiegel, Bradley Harris, Renaud Lafage, Barthelemy Liabaud, Jensen Henry, Frank Schwab, Virginie Lafage
NYU Hospital for Joint Diseases, New York, USA
- 61** DEVELOPMENT OF VALIDATED COMPUTER BASED PREOPERATIVE PREDICTIVE MODEL FOR PROXIMAL JUNCTION FAILURE (PJF) OR CLINICALLY SIGNIFICANT PJK WITH 86% ACCURACY BASED ON 510 ASD PATIENTS WITH 2-YEAR FOLLOW-UP
Christopher Ames, Justin Smith, Frank Schwab, Amit Jain, Tamir Ailon, Eric Klineberg, Justin Scheer
International Spine Study Group, Chicago, USA
- 62** PROSPECTIVE MULTICENTER ASSESSMENT OF COMPLICATION RATES ASSOCIATED WITH ADULT SPINAL DEFORMITY (ASD) SURGERY IN 291 PATIENTS WITH MINIMUM 2-YEAR FOLLOW-UP
Justin Smith, Eric Klineberg, Frank Schwab, Christopher Shaffrey, Shay Bess, Gregory Mundis, Han Jo Kim, Justin Scheer, Christopher Ames
International Spine Study Group, Chicago, USA
- 63** DEVELOPMENT OF A PREOPERATIVE PREDICTIVE MODEL FOR INTRA- OR PERI-OPERATIVE MAJOR COMPLICATIONS WITH HIGH ACCURACY VALIDATED WITH 558 ASD PATIENTS
Christopher Ames, Justin Smith, Frank Schwab, Christopher Shaffrey, Gregory Mundis, Tamir Ailon, Eric Klineberg, Justin Scheer
International Spine Study Group, Chicago, USA