

15:50 – 17:30 **Trauma, tumour**
 Room: Plenary hall
 Chairs: Frank Kandziora, Frankfurt, Germany; Klaus Schnake, Fürth, Germany

- 19** FLOWCYTOMETRIC EVALUATION OF INTRAOPERATIVE SALVAGED BLOOD FILTERED WITH LEUCOCYTE DEPLETION FILTER IN METASTATIC SPINE TUMOUR SURGERY
Naresh Kumar, Aye Sandar Zaw, Rishi Malhotra
National University Health System, Singapore
- 20** IMMUNOGENICITY OF HUMAN INDUCED PLURIPOTENT STEM CELLS-DERIVED NEURAL STEM CELLS AS A CELL SOURCE OF CELL TRANSPLANTATION THERAPY FOR SPINAL CORD INJURY
Masahiro Ozaki, Go Itakura, Hiroki Iwai, Jun Kohyama, Akio Iwanami, Morio Matsumoto, Hideyuki Okano, Masaya Nakamura
Department of Orthopaedic Surgery, Keio University School of Medicine, Tokyo, Japan
- 21** EVALUATION OF TLICS FOR THORACOLUMBAR FRACTURES
Galateia Katzouraki, Spyridon Koufos, Giuseppe Lambros Morassi, Panayiotis Karampinas, Dimitrios Stergios Evangelopoulos, Spiros George Pneumaticos
3rd Department of Orthopaedic Surgery, University of Athens, KAT Hospital, Athens, Greece
- 22** TOWARDS THE DEVELOPMENT OF INTERNATIONAL DISEASE SPECIFIC OUTCOME INSTRUMENTS FOR SPINE TRAUMA: SURGEON REPORTED OUTCOME
Said Sadiqi, A Mechteld Lehr, F Cumhuri Oner, AOSpine Knowledge Forum Trauma
1 Department of Orthopaedics, University Medical Center Utrecht, The Netherlands
2 AOSpine Knowledge Forum Trauma
- 23** OPEN VERSUS PERCUTANEOUS INSTRUMENTATION IN THORACOLUMBAR FRACTURES: MRI COMPARISON OF PARVERTEBRAL MUSCLES AFTER IMPLANT REMOVAL
Yann Philippe Charles, Yves Ntilikina, David Bahlau, Julien Garnon, Sébastien Schuller, Axel Walter, Erik André Sauleau, Mickael Schaeffer, Steib Jean-Paul
Service de Chirurgie du Rachis, Hôpitaux Universitaires de Strasbourg, France
- 24** TEMPORARY PEDICLE SCREW FIXATION FOR THORACOLUMBAR BURST FRACTURES. - COMPARATIVE STUDY WITH OR WITHOUT VERTEBROPLASTY-
Hiroyuki Aono, Keisuke Ishii, Hidekazu Tobimatsu, Yukitaka Nagamoto, Chiaki Horii, Motoki Iwasaki
Osaka National Hospital, Osaka, Japan
- 25** IMPLANT REMOVAL RESTORES MOBILITY AFTER FRACTURE OF THE THORACOLUMBAR SEGMENT. A RADIOSTEREOMETRIC STUDY.
Paul Axelsson, Björn Strömqvist
Department of Orthopaedics, Skåne University Hospital, 205 01 Malmö, Sweden
- 26** OSTEOPOROTIC THORACOLUMBAR JUNCTIONAL VERTEBRAL BODY FRACTURE WITH A SPINOUS PROCESS FRACTURE: ITS CLINICAL AND RADIOLOGIC SIGNIFICANCES
Tae-Hwan Kim
Hallym University Sacred Heart Hospital, Anyang City, Korea
- 27** THE VALUE OF BONE BIOPSY DURING PERCUTANEOUS VERTEBROPLASTY IN TREATMENT OF PRESUMED OSTEOPOROTIC VERTEBRAL COMPRESSION FRACTURES
Bahadır Gokcen, Meric Enercan, Emel Kaya, Sinan Kahraman, Sinan Yilar, Mutlu Cobanoglu, Tunay Sanli, Erden Erturer, Cagatay Ozturk, Azmi Hamzaoglu
Istanbul Spine Center, Istanbul, Turkey

- 28** THE ROLE OF SINS (SPINAL INSTABILITY NEOPLASTIC SCORE) SYSTEM TO PREDICT THE INSTABILITY IN METASTATIC SPINAL TUMORS.
Sejun Park, ChongSuh Lee, Junyoung Lee, Sangsoo Kang, Wansseok Kim, Seongkee Shin, Kyungchung Kang
Samsung medical center, Seoul, Korea
- 29** CLINICAL AND RADIOLOGICAL OUTCOME AFTER TOTAL EN BLOC SPONDYLECTOMY AT THREE OR MORE LEVELS
Katsuhito Yoshioka, Hideki Murakami, Satoru Demura, Satoshi Kato, Moriyuki Fujii, Takashi Igarashi, Noritaka Yonezawa, Hiroyuki Tsuchiya
Department of Orthopaedic Surgery, Kanazawa University, Kanazawa, Japan
- 30** RESECTION OF VERTEBRAL OSTEOID OSTEOMAS IN FULL-ENDOSCOPIC TECHNIQUE IN ADOLESCENTS.
Semih Özdemir, Patrick Hahn, Martin Komp, Harry Merk, Georgios Godolias, Sebastian Ruetten
Center for Spine Surgery and Pain Therapy; Center for Orthopaedics and Traumatology of the St. Elisabeth Group - Catholic Hospitals Rhein-Ruhr, St. Anna Hospital Herne, Marienhospital Herne University Hospital, Marien Hospital Witten, Germany