

IMSART - Publications 2013

Original papers

- Articular cartilage tissue regeneration: current research strategies and outlook for the future. A Teuschl, S Nuernberger, H Redl, T Nau European Surgery 2013; DOI 10.1007/s10353-013-0217-9
- Biomechanical evaluation of the augmented and non-augmented primary repair of the anterior cruciate ligament: an in vivo animal study". H Seitz, W Pichl, V Matzi, T Nau. Int Orthop 2013; 37:2305-11
- Can falls be predicted with gait analytical and posturographic measurement systems? A prospective follow-up study in a nursing home population. Schwesig R, Fischer D, Lauenroth A, Becker S, Leuchte S. Clin Rehabil. 2013 Feb;27(2):183-90
- GA Feichtinger, AT Hofmann, P Slezak, S Schuetzenberger, M Kaipel, E Schwartz, A Neel, N Nomikou, T Nau, M vanGriensven, AP McHale, H Redl. Hum Gene Ther Methods 2013; Oct 28
- Intraobserver reliability of posturography in healthy subjects. Schwesig R, Becker S, Fischer D. Somatosens Mot Res. 2013 Aug 5. [Epub ahead of print]
- Intraobserver reliability of posturography in patients with vestibular neuritis. Schwesig R, Fischer D, Becker S, Lauenroth A. Somatosens Mot Res. 2013 Aug 16
- Sonoporation increases therapeutic efficacy of inducible and constitutive BMP2/7 in vivo gene delivery

General publications and abstracts

- Ablation of the basivertebral nerve in the treatment of back pain: results from an international pilot study and long term experience. Becker S. Eur Spine J, 2013;22,11:p2646
- In vivo results of a regenerated anterior cruciate ligament using a novel silk-fiber based scaffold device. A Teuschl, S Nuernberger, M Mayer, P Szomolanyi, S Trattinig, H Redl, T Nau. The TERMIS-Americas 2013 Annual Conference, Atlanta
- Regeneration of the anterior cruciate ligament using a silk-fiber based scaffold device". A Teuschl, JC Ferguson, S Nuernberger, H Redl, T Nau. CORS 2013, Venice

Patents

- Orthopedic device and method - US Patent 20,130,110,120, 2013

Oral papers

- Biologics in orthopaedics / traumatology. 1st Mediterranean Interdisciplinary Conference on Bone Augmentation Procedures and Injectable Therapeutics. Cairo, Egypt
- Vertebroplasty, update and clinical considerations. 1st Mediterranean Interdisciplinary Conference on Bone Augmentation Procedures and Injectable Therapeutics. Cairo, Egypt

- Innovative biomaterials: yesterday, today and tomorrow. 1st Mediterranean Interdisciplinary Conference on Bone Augmentation Procedures and Injectable Therapeutics. Cairo, ET
- Spine Surgery-Clinic and Model Approaches. TERMIS / Expertissues /Biodesign
- Winterschool 2013. "Vitro/Vivo Preclinical Models and Imaging in Musculoskeletal Tissue Regeneration2. Radstadt, A
- Injury Mechanism, Treatment and Prevention of Ankle Injuries in Dancers"
- Dance Medicine – Austria, Vienna, Austria
- Anatomy, Biomechanics, Diagnosis and Treatment of Sacro-Iliac Joint Disorders, Meducation, Düsseldorf, D, Jan / Mar / Nov
- The Dtrax posterior cervical fusion system. Meducation, Düsseldorf, D, Jan / Mar / Nov
- Autologous PRP Therapy in Orthopaedics and Traumatology. Universidad computense, Madrid, E
- Autologous PRP Therapy in Orthopaedics and Traumatology. Universidad San Pablo Ceu, Madrid, E
- Evolution of VCF treatment and Indications. Zimmer Spine EMEA 2013 kickoff meeting, Barcelona, E
- KIVA - Tips and tricks, Lessons learned, Cases and long term clinical experience. Zimmer Spine EMEA 2013 kickoff meeting, Barcelona, E
- My experience with Intracept. University of Leiden, NL
- Autologous PRP Therapy in Orthopaedics and Traumatology. GloTech training, Bezmi Alem University, Istanbul, TK
- Autologous PRP Therapy in Orthopaedics and Traumatology. Orthopaedic congress, Bezmi Alem University, Istanbul, TK
- Changed focus in spine surgery: from fusion models/biomaterials to disc models/biomaterials. The 23rd Interdisciplinary Research Conference on Injectable Osteoarticular Biomaterials and Bone Augmentation Procedures (GRIBOI). Boston, USA
- Autologous PRP Therapy in Orthopaedics and Traumatology. Fortbildung der Orthopädischen Universitätsklinik Graz, A
- Nucleoplasty indications, results and experience. Siriraj Hospital, Bangkok, THA
- Anatomy, Biomechanics, Diagnosis and Treatment of Sacro-Iliac Joint Disorders. Orthovative training, Gmund, D
- Bone augmentation: Yesterday, today and tomorrow. ESIR 2013: Musculoskeletal Interventions Basic Course, Athens, GR
- Injectable biomaterials in orthopaedics and traumatology – experiences and expectancies. IMCOSS wet-lab, Ludwig Boltzmann Institute, Vienna, A
- Anatomy, Biomechanics, Diagnosis and Treatment of Sacro-Iliac Joint Disorders. Workshop Queens Medical Center, University of Nottingham, UK
- The sacro – iliac joint fusion with IFuse. XI Czech Spine Surgery Congress, Ostava, CZ
- Diagnosis of SI disorders. Lunch workshop. Eurospine Liverpool, UK
- The importance of the Pubic Symphysis in the Diagnosis of SI Joint Disorders. 3rd SI joint surgery society meeting, NASS 2013, New Orleans, USA
- The DTrax system. Dinner workshop, NASS 2013, New Orleans, USA
- Intradiscal Therapy Using Gelstix. History, Indication, Technique & Outcome. Interventional Radiology Meeting, Hospital Universitari I Politècnic La Fe, Valencia, ES

- Autologous PRP Therapy in Orthopaedics and Traumatology. GloTech workshop, Medica, Düsseldorf, D
- Preclinical models in Tissue Engineering. 29th AGA Congress, Sep 13th – 15th, 2012, Zürich, Schweiz
- Biological advances in Spine surgery. The 2nd Emirates International Orthopaedic Conference, Dubai, VAE
- Autologous PRP Therapy in Orthopaedics and Traumatology. The 2nd Emirates International Orthopaedic Conference, Dubai, VAE
- Ablation des N. basivertebralis zur Behandlung von Rückenschmerzen: Ergebnisse einer internationalen Pilotstudie und Langzeiterfahrungen. Poster und Vortrag, DWG 2013 Frankfurt, D
- Anatomie des ISG. Orthovative Lunch Workshop DWG 2013 Frankfurt, D
- PRP for Ortho and pain management – Theory and practical application. Train the trainer workshop, GloTech, Vienna, A
- Douleur Discogénique - alternatives à la fusion et à la Prothese. 26ème Réunion Annuelle GIEDA, Nice, F
- Injectable Biomaterials in Orthopaedics and Traumatology – Experiences and Expectancies. Keynote. Bone – Tec 2013, Nanyang Technological University, Singapore

Congress organisation / chairman / workshops / live operations

- Chairman 1st Mediterranean Interdisciplinary Conference on Bone Augmentation Procedures and Injectable Therapeutics, Cairo, Egypt
- Chairman und faculty DTrax workshop, Jan / Mar / Nov , Meducation Düsseldorf, D
- Chairman und faculty Si - Bone workshop, Jan / Mar / Nov, Meducation Düsseldorf, D
- Chairman und faculty. PRP workshop Universidad computense, and Universidad San Pablo Ceu, Madrid, E
- Chairman und faculty. Relievable cadaver training, University of Leiden, NL
- Chairman und faculty. PRP Training. Bezmi Alem University, Istanbul, TK
- Chairman session: Procedures and innovation. The 23rd Interdisciplinary Research Conference on Injectable Osteoarticular Biomaterials and Bone Augmentation Procedures. Boston, USA
- Chairman und faculty. Arthocare Cadaver workshop. Siriraj Hospital, Bangkok, THA
- Faculty hands – on session. ESIR 2013: Musculoskeletal Interventions Basic Course, Athens, GR
- Faculty IMCOSS wet-lab, Vienna, A
- Chairman and Faculty, cadaver course SI fusion, Queens Medical Center, University of Nottingham, UK
- Live operation Replication Medical Technology, Hospital Universitari I Politècnic La Fe, Valencia, ES
- Chairman and faculty, Replication Medical Cadaver training, Hospital Universitari I Politècnic La Fe, Valencia, ES
- Faculty Train the trainer workshop, GloTech, Vienna, A
- Chairman session: Rachis lombaire degeneratif en temps de crise. Gieda, Nice, F