



Dr. med. Fabrice Alexander Külling

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Dr. med. Fabrice Alexander Külling
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Units

Orthopädische Chirurgie und Traumatologie des Bewegungsapparates

Position

Stv. Leiter Wirbelsäulenchirurgie

Former Positions

Oberarzt

Profile Function

chief of service

Research Area

Wirbelsäulenerkrankungen

Affiliations

AO Spine, Inmann-Abott Society (UCSF Absolvent), Schweizerische Gesellschaft für Orthopädie (SGO), Ostschweizerische Orthopäden (OSO), Schweizerische Ärztegesellschaft, VSAO,

Publications (23)

Tulner S, Zdravkovic V, Külling F, Jost B, Puskas G. Haptic assessment of bone quality in orthopedic surgery: no consensus but perspective for high training potential. *Int J Med Educ* 2017; 8:437-438.

Külling F, Ebnetter L, Rempfler G, Zdravkovic V. A new parallel closing mechanism for the laminectomy rongeur makes it significantly more precise: a biomechanical and mechanical comparison study. *Eur Spine J* 2017

Rahm S, Ebnetter L, Schultz B, Spross C, Külling F, Erhardt J. Comparison of interfragmentary compression in conventional and locked plating of proximal unicondylar tibia fractures : A biomechanical cadaver study. *Acta Orthop Belg* 2016; 82:586-592.

Külling F. Implantation of juvenile human chondrocytes demonstrates no adverse effect on spinal nerve tissue in rats. *European Spine Journal* 2016

Külling F. Prophylactic adjacent-segment vertebroplasty following kyphoplasty for a single osteoporotic vertebral fracture and the risk of adjacent fractures: a retrospective study and clinical experience. *J Neurosurg Spine* 2016

Ladurner A, Forster T, Külling F. Wirbelkörperfrakturen im Rahmen eines generalisierten epileptischen Anfalls. *Unfallchirurg* 2015; Jul 2015

Külling F. Can triggered electromyography monitoring throughout retraction predict postoperative symptomatic neuropraxia after XLIF? Results from a prospective multicenter trial. *European Spine Journal* 2015; 24:S378-385.

Erschbamer M, den Hollander J, Sauter D, Erhardt J, Hechelhammer L, Külling F. Endovascular embolisation is a successful and safe treatment for post-operative arterial complications after total hip arthroplasty and revision surgery. *International Orthopaedics* 2015:1-6.

Erschbamer M, den Hollander J, Sauter D, Erhardt J, Hechelhammer L, Külling F. Endovascular embolisation is a successful and safe treatment for post-operative arterial complications after total hip arthroplasty and revision surgery. *Int Orthop* 2015; 40:1577-1582.

Ewers A, Spross C, Ebnetter L, Külling F, Giesinger K, Zdravkovic V, Erhardt J. 10-Year Survival of Acetabular Reinforcement Rings/Cages for Complex Hip Arthroplasty. *Open Orthop J* 2015; 9:163-7.

Jost B, Benninger E, Erhardt J, Külling F, Zdravkovic V, Spross C. The extended medial elbow approach-a cadaveric study. *J Shoulder Elbow Surg* 2015; 24:1074-80.

Cernoch P, Hechelhammer L, von Hessling A, Spross C, Erhardt J, Jost B, Külling F. Pre-operative embolisation of spinal metastasis: technique, complication rate and outcome-clinical experience. *Int Orthop* 2015; 39:1399-404.

Külling F, Florianz H, Reepschläger B, Gasser J, Jost B, Lajtai G. High Prevalence of Disc Degeneration and Spondylolysis in the Lumbar Spine of Professional Beach Volleyball Players. *Orthopaedic Journal of Sports Medicine* 2014; 2:2325967114531213.

Külling F, Foley K, Liu J, Liebenberg E, Sin A, Matsukawa A, Lotz J. The anabolic effect of plasma-mediated ablation on the intervertebral disc: stimulation of proteoglycan and interleukin-8 production. *Spine J* 2014; 14:2479-87.

Erhardt J, Vincenti M, Pressmar J, Külling F, Spross C, Gebhard F, Roederer G. Mid term results of distal femoral fractures treated with a polyaxial locking plate: a multi-center study. *Open Orthop J* 2014; 8:34-40.

Hübschle L, Borgström F, Olafsson G, Röder C, Moulin P, Popp A, Külling F, Aghayev E, SWISSspine Registry Group. Real-life results of balloon kyphoplasty for vertebral compression fractures from the SWISSspine registry. *Spine J* 2014; 14:2063-77.

Sutter P, Forster T, Külling F. [Spinal deformity in Parkinson's disease: a treatment proposal]. *Unfallchirurg* 2013; 116:955-9.

Spross C, Aghayev E, Kocher R, Röder C, Forster T, Külling F. Incidence and risk factors for early adjacent vertebral fractures after balloon kyphoplasty for osteoporotic fractures: analysis of the SWISSspine registry. *Eur Spine J* 2013

Röder C, Boszczyk B, Perler G, Aghayev E, Külling F, Maestretti G. Cement volume is the most important modifiable predictor for pain relief in BKP: results from SWISSspine, a nationwide registry. *Eur Spine J* 2013; 22:2241-8.

Eichler M, Külling F. XLIF – eXtreme Lateral Interbody Fusion. *Leading Opinions Orthopädie & Rheumatologie* 2012; 2012:44-47.

Buser Z, Külling F, Liu J, Liebenberg E, Thorne K, Coughlin D, Lotz J. Biological and biomechanical effects of fibrin injection into porcine intervertebral discs. *Spine* 2011; 36:E1201-9.

Deviren V, Külling F, Poulter G, Pekmezci M. Minimal invasive anterolateral transthoracic transpleural approach: a novel technique for thoracic disc herniation. A review of the literature, description of a new surgical technique and experience with first 12 consecutive patients. *J Spinal Disord Tech* 2011; 24:E40-8.

Külling F. Lagerung und Standardzugänge bei der Hüftarthroskopie – Positioning and standardized portals in hip arthroscopy. *Arthroscopie* 2006; 1:16-22.

Projects (1)

Gait analysis in lumbar spinal stenosis: effect of decompression of kinematics and electromyography (EMG) in eDGA

Clinical Studies - Jun 18, 2012 - Jun 18, 2012

Automatically Closed

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