



Markus Kroeber

Contact

Markus Kroeber

Units

Orthopädische Chirurgie und Traumatologie des Bewegungsapparates

Publications (20)

Unglaub F, Thomas S, Kroeber M, Dragu A, Fellenberg J, Wolf M, Horch R. Apoptotic pathways in degenerative disk lesions in the wrist. *Arthroscopy : the journal of arthroscopic & related surgery : official publication of the Arthroscopy Association of North America and the International Arthroscopy Association* 2009; 25:1380-6.

Guehring T, Nerlich A, Kroeber M, Richter W, Omlor G. Sensitivity of notochordal disc cells to mechanical loading: an experimental animal study. *European spine journal : official publication of the European Spine Society, the European Spinal Deformity Society, and the European Section of the Cervical Spine Research Society* 2009

Unglaub F, Thomas S, Kroeber M, Dragu A, Fellenberg J, Mittlmeier T, Wolf M, Horch R. Expression of TRAIL and death receptor DR4 in Palmer type 2 TFCC lesions. *Archives of orthopaedic and trauma surgery* 2009

John-Puthenveettil B, Neff-Schöb A, Kroeber M. [Open reduction and dorsal spondylodesis C0-C2 in atlanto-occipital dislocation]. *Der Unfallchirurg* 2009; 112:799-805.

Unglaub F, Thomas S, Wolf M, Dragu A, Kroeber M, Mittlmeier T, Horch R. Cartilage cell proliferation in degenerative TFCC wrist lesions. *Archives of orthopaedic and trauma surgery* 2009

Unglaub F, Kroeber M, Thomas S, Wolf M, Arkudas A, Dragu A, Horch R. Incidence and distribution of blood vessels in punch biopsies of Palmer 1A disc lesions in the wrist. *Archives of orthopaedic and trauma surgery* 2009; 129:631-4.

Mok J, Guillaume T, Talu U, Berven S, Deviren V, Kroeber M, Bradford D, Hu S. Clinical outcome of deep wound infection after instrumented posterior spinal fusion: a matched cohort analysis. *Spine* 2009; 34:578-83.

Wolf M, Kroeber M, Reiter A, Thomas S, Hahn P, Horch R, Unglaub F. Ulnar shortening after TFCC suture repair of Palmer type 1B lesions. *Archives of orthopaedic and trauma surgery* 2008

Unglaub F, Wolf E, Goldbach C, Hahn P, Kroeber M. Subjective and functional outcome after revision surgery in carpal tunnel syndrome. *Archives of orthopaedic and trauma surgery* 2008; 128:931-6.

Guehring T, Omlor G, Lorenz H, Engelleiter K, Richter W, Carstens C, Kroeber M. Disc distraction shows evidence of regenerative potential in degenerated intervertebral discs as evaluated by protein expression, magnetic resonance imaging, and messenger ribonucleic acid expression analysis. *Spine* 2006; 31:1658-65.

Guehring T, Unglaub F, Lorenz H, Omlor G, Wilke H, Kroeber M. Intradiscal pressure measurements in normal discs, compressed discs and compressed discs treated with axial posterior disc distraction: an experimental study on the rabbit lumbar spine model. *European spine journal : official publication of the European Spine Society, the European Spinal Deformity Society, and the European Section of the Cervical Spine Research Society* 2006; 15:597-604.

Omlor G, Lorenz H, Engelleiter K, Richter W, Carstens C, Kroeber M, Guehring T. Changes in gene expression and protein distribution at different stages of mechanically induced disc degeneration--an in vivo study on the New Zealand white rabbit. *Journal of orthopaedic research : official publication of the Orthopaedic Research Society* 2006; 24:385-92.

Unglaub F, Guehring T, Lorenz H, Carstens C, Kroeber M. Effects of unisegmental disc compression on adjacent segments: an in vivo animal model. *European spine journal : official publication of the European Spine Society, the European Spinal Deformity Society, and the European Section of the Cervical Spine Research Society* 2005; 14:949-55.

Guehring T, Omlor G, Lorenz H, Bertram H, Steck E, Richter W, Carstens C, Kroeber M. Stimulation of gene expression and loss of anular architecture caused by experimental disc degeneration--an in vivo animal study. *Spine* 2005; 30:2510-5.

Bertram H, Kroeber M, Wang H, Unglaub F, Guehring T, Carstens C, Richter W. Matrix-assisted cell transfer for intervertebral disc cell therapy. *Biochemical and biophysical research communications* 2005; 331:1185-92.

Kroeber M, Unglaub F, Guehring T, Guegring T, Nerlich A, Hadi T, Lotz J, Carstens C. Effects of controlled dynamic disc distraction on degenerated intervertebral discs: an in vivo study on the rabbit lumbar spine model. *Spine* 2005; 30:181-7.

Wang H, Kroeber M, Hanke M, Ries R, Schmid C, Poller W, Richter W. Release of active and depot GDF-5 after adenovirus-mediated overexpression stimulates rabbit and human intervertebral disc cells. *Journal of molecular medicine (Berlin, Germany)* 2004; 82:126-34.

Kroeber M, Unglaub F, Wang H, Schmid C, Thomsen M, Nerlich A, Richter W. New in vivo animal model to create intervertebral disc degeneration and to investigate the effects of therapeutic strategies to stimulate disc regeneration. *Spine* 2002; 27:2684-90.

Kroeber M, Rovinsky D, Haskell A, Heilmann M, Llotz J, Otsuka N. Biomechanical testing of bioabsorbable cannulated screws for slipped capital femoral epiphysis fixation. *Orthopedics* 2002; 25:659-62; discussion 663.

Kroeber M, Ries M, Suzuki Y, Renowitzky G, Ashford F, Lotz J. Impact biomechanics and pelvic deformation during insertion of press-fit acetabular cups. *The Journal of arthroplasty* 2002; 17:349-54.

Projects (0)

No results found.

Kantonsspital St.Gallen

Rorschacher Strasse 95

CH-9007 St.Gallen

T: +41 71 494 11 11

support.forschung@kssg.ch