

Publikationsliste Dr. med. Björn P. Roßbach

Pubmed-gelistete Publikationen:

Roßbach BP, Gülecyüz MF, Kempfert L, Pietschmann MF, Ullmann T, Ficklscherer A, Niethammer TR, Zhang A, Klar R, Müller PE.
Rotator Cuff Repair With Autologous Tenocytes And Biodegradable Collagen Scaffold – A Histological And Biomechanical Study in Sheep.
[Am J Sports Med. 2020 Feb;48(2):450-59]

Gülecyüz MF, Macha K, Pietschmann MF, Ficklscherer A, Sievers B, **Roßbach BP**, Jansson V, Müller PE.
Allogenic myocytes and mesenchymal stem cells partially improve fatty rotator cuff degeneration in a rat model
[Stem Cell Rev. 2018 May 31]

Gülecyüz M, Bortolotti, H, Pietschmann M, Ficklscherer A, Niethammer T, **Roßbach B**, Müller P.
Primary Stability of Rotator Cuff Repair: Can More Suture Materials Yield More Strength?
[Int Orthop. 2016 May 40(5):989-97]

Roßbach BP, Paulus AC, Niethammer TR, Wegener V, Gülecyüz MF, Jansson V, Müller PE, Utzschneider S.
Discrepancy between morphological findings in juvenile osteochondritis dissecans (OCD): a comparison of magnetic resonance imaging (MRI) and Arthroscopy.
[Knee Surg Sports Traumatol Arthrosc. 2016 April;24(4):1259-64]

Ficklscherer A, Pietschmann MF, Bendiks, M, **Roßbach BP**, Müller PE.
Clinical management of rotator cuff tears. Current concepts in cell-based therapy strategies.
[Orthopäde. 2016 Feb;45(2):143-8]

Roßbach BP, Faymonville C, Müller LP, Stützer H, Isenberg J.
Quality of life and job performance resulting from operatively treated tibial plateau fractures.
[Unfallchirurg. 2016 Jan;119(1):27-35]

Gülecyüz MF, Mazur A, Schröder C, Braun C, Ficklscherer A, **Roßbach BP**, Müller PE, Pietschmann MF.
Influence of temperature on the biomechanical stability of titanium, PEEK, Poly-L-Lactid, and β -Tricalcium Phosphate Poly-L-Lactid Acid suture anchors tested on human humeri in-vitro in a wet environment.
[Arthroscopy. 2015 Jun;31(6):1134-41]

Niethammer TR, Valentin S, Gülecyüz MF, **Roßbach BP**, Ficklscherer A, Pietschmann MF, Müller PE.
Bone marrow edema in the knee and its influence on clinical outcome after matrix-based autologous chondrocyte implantation: results after 3-year follow-up.
[Am J Sports Med. 2015 May;43(5):1172-9]

Paulus AC, Frenzel J, Ficklscherer A, **Roßbach BP**, Melcher C, Jansson V, Utzschneider S.
Polyethylene wear particles induce TLR 2 upregulation in the synovial layer of mice.
[J Mater Sci Mater Med. 2014 Feb;25(2):507-13]

Ficklscherer A, Scharf M, Hartl TK, Schröder C, Milz S, **Roßbach BP**, Gülecyüz MF, Pietschmann MF, Müller PE
Tissue characteristics in tendon-to-bone healing change after rotator cuff repair using botulinumneurotoxin A for temporary paralysis of the supraspinatus muscle in rats.
[Connect Tiss Res. 2014 Apr;55(2):140-6]

Niethammer TR, Pietschmann MF, Horng A, **Roßbach BP**, Ficklscherer A, Jansson V, Müller PE.
Graft hypertrophy of matrix based autologous chondrocyte implantation: a two year follow-up study of NOVOCART 3D implantation in the knee.
[Knee Surg Sports Traumatol Arthrosc. 2014 Jun;22(6):1329-36]

Niethammer TR, Müller PE, Safi E, Ficklscherer A, **Roßbach BP**, Jansson V, Pietschmann MF.
Early resumption of physical activities leads to inferior clinical outcomes after matrix-based autologous chondrocyte implantation in the knee.
[Knee Surg Sports Traumatol Arthrosc. 2014 Jun;22(6):1345-52]

Roßbach BP, Niethammer TR, Paulus AC, Melcher C, Birkenmaier C, Jansson V, Wegener B.
Surgical treatment of patients with spondylodiscitis and neurological deficits caused by spinal epidural abscess (SEA) is a predictor of clinical outcome.
[J Spinal Disord Tech. 2014 Oct;27(7):395-400]

Roßbach BP, Pietschmann MF, Gülecüyz MF, Niethammer TR, Ficklscherer A, Wild S, Jansson V, Müller PE.
Indications requiring preoperative magnetic resonance imaging before knee arthroscopy.
[Arch Med Sci, 2014 Dec 22;10(6):1147-52]

Pietschmann MF, Gülecüyz MF, Fieseler S, Hentschel M, **Rossbach B**, Jansson V, Müller PE.
Biomechanical stability of knotless suture anchors used in rotator cuff repair in healthy and osteopenic bone.
[Arthroscopy. 2010 Aug;26(8): 1035-44]

Nicht pubmed-gelistete Beiträge:

Sport-Orthopädie – Sport-Traumatologie, Organ der Gesellschaft für orthopädisch-traumatologische Sportmedizin (GOTS), Organ der Verbandsärzte Deutschland e.V., Elsevier Verlag, „Experimentelle Sehnenregeneration von Rotatorenmanschettendefekten mit autologen Tenozyten und einem biodegradablen Kollagen-Scaffold im Schafmodell“ 2014, Jahrgang 30, Heft 3, Seite 196-202

ORTHOPÄDIE & RHEUMA, Interdisziplinäre Gesellschaft für orthopädische, unfallchirurgische und allgemeine Schmerztherapie e.V. (IGOST), Springer Medizin Verlag, Urban & Vogel GmbH, Übersichtsartikel „Endoskopische Schultereingriffe“, Ausgabe 2014/5, Seite 28-34