Curriculum Vitae Michael Jagodzinski, MD, PhD

Surname, First name	Jagodzinski, Michael,
Academic degree	MD, PhD, Professor
Position and title	Director of Orthopaedic Trauma
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Laboratory / Service	
Institute / Department	Department of Orthopaedic Trauma
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Biographical information

Education/Training

Institution and location	Degree	Year (date)	Field of study
Olympia High School, Chicago, IL, USA	**High School Diploma**	**1988**	**Trauma Surgery**
Albrecht Altdorfer Gymnasium, Regensburg, Germany	**Baccalaureate**	**1990**	**Orthopaedic**
Ruprecht-Carls-University, Heidelberg	**Medical School**	**1998**	**Trauma, Tissue**
Ruprecht-Carls-University, Heidelberg	**Medical Degree**	**1998**	**Engineering**
University Clinic of Regensburg	**Postdoctoral training**	**2000**	
Hanover Medical School (MHH)	**Postdoctoral training, PhD**	**2006**	
Agaplesion Ev. Krankenhaus Bethel, Bückeburg		**2014**	**Orthopaedic Trauma**

Positions and employment

Year (date)	Position	Institution and location
1997-1998	Student, Resident	Atos-Clinic, Heidelberg
1998-2000	Resident	University Clinic of Regensburg
2000-2014	Resident, Fellow, Attending, Assistant Professor	Hanover Medical School
2014-	Director of Orthopaedic Trauma	Agaplesion Ev. Krankenhaus Bethel, Bückeburg

Other experience and professional membership

Year (date)	Position	Institution and location
2000	Visiting doctor	Monash University, Alfred Hospital, Melbourne, Australia
2003	Fellowship	Southern Californian Orthopaedic Institute, Los Angeles, USA
2005	Fellowship	Steadman and Hawkins Sports Clinic Foundation, Vail, USA

Honors

Year (date)	Description
2006	´GOTS-Travelling Fellowship
2007	Michael-Jäger-Award (coauthor)
2007	'GOTS-Scientific Grant'
2008	'Hannover Impuls'
2008	'Star Paper Award' der ESSKA
2011	3rd Poster Award DAF (senior author)
2012	NIRA Poster Finalist der ORS (senior author)
2012	2nd prize Research Award of the AGA

Publications

First/ Senior Author

1. Teschner H, Vaske B, Albrecht UV, Meller R, Liodakis E, Wiebking U, Krettek C, **Jagodzinski M** (2014) Conversion of hemi into reverse shoulder arthroplasty: implant design limitations. Arch Orthop Trauma Surg (1.358) – in press -

2. Grote K, Petri M, Liu C, Jehn P, Spalthoff S, Kokemüller H, Luchtefeld M, Tschernig T, Krettek C, Haasper C, **Jagodzinski M** (2013) Toll-like receptor 2/6-dependent stimulation of mesenchymal stem cells promotes angiogenesis byparacrine factors. Eur Cell Mater. 2013 Sep 11;26:66-79. (5.378)

3. Petri M, Namazian A, Wilke F, Ettinger M, Stübig T, Brand S, Bengel F, Krettek C, Berding G, **Jagodzinski M** (2013) Repair of segmental long-bone defects by stem cell concentrate augmented scaffolds: a clinical and positron emission tomography - computed tomography analysis. Int Orthop. –in press- (2.022)

4. Ettinger M, Petri M, Haag KT, Brand S, Dratzidis A, Hurschler C, Krettek C, **Jagodzinski M** (2013) Biomechanical properties of femoral posterior cruciate ligament fixations. Knee Surg Sports Traumatol Arthrosc. –in Druck- (2.676)

5. **Jagodzinski M**, Liu C, Guenther D, Burssens A, Petri M, Abedian R, Willbold E, Krettek C, Haasper C, Witte F (2013) Bone marrow-derived cell concentrates have limited effects on osteochondral reconstructions in the Mini Pig. Tissue Eng Part C Methods. –in Druck- (4.022)

6. Petri M, Liodakis E, Hofmeister M, Despang FJ, Maier M, Balcarek P, Voigt C, Haasper C, Zeichen J, Stengel D, Krettek C, Frosch KH, Lill H, **Jagodzinski M** (2013) Operative vs conservative treatment of traumatic patellar dislocation: results of a prospective randomized controlled clinical trial. Arch Orthop Trauma Surg. 133(2):209-13. (1.358)

7. Ettinger M, Petri M, Guenther D, Liu C, Krusche C, Liodakis E, Albrecht UV, Krettek C, **Jagodzinski M** (2013) Anatomic double-bundle ACL reconstruction restricts knee extension in knees with hyperextension. Knee Surg Sports Traumatol Arthrosc. 21(9):2057-62. (2.022)

8. Broese M, Toma I, Haasper C, Simon A, Petri M, Budde S, Wehmeier M, Krettek C, **Jagodzinski M** (2012) Seeding a human tendon matrix with bone marrow aspirates compared to previously isolated hBMSCs--an in vitro study. Technol Health Care. 19(6):469-79.

9. Petri M, Ettinger M, Dratzidis A, Liodakis E, Brand S, Albrecht UV, Hurschler C, Krettek C, **Jagodzinski M** (2012) Comparison of three suture techniques and three suture materials on gap formation and failure load in ruptured tendons: a human cadaveric study. Arch Orthop Trauma Surg. 132(5):649-54. (0.678)

10. Petri M, Krettek C, **Jagodzinski M** (2012) Evidenzbasierte Indikationsstellung bei Patellaluxation. Unfallchirurg. May;115(5):387-91. (0.610)

11. Petri M, von Falck C, Broese M, Liodakis E, Balcarek P, Niemeyer P, Hofmeister M, Krettek C, Voigt C, Haasper C, Zeichen J, Frosch KH, Lill H, **Jagodzinski M** (2012) Influence of rupture patterns of the medial patellofemoral ligament (MPFL) on the outcome after operative treatment of traumatic patellar dislocation. Knee Surg Sports Traumatol Arthrosc. 21(3):683-9 (2.209)

12. Wehrhahn T, Ettinger M, Petri M, Liodakis E, Hurschler C, Albrecht UV, Krettek C, **Jagodzinski M** (2012) Implantatfreie tibiale Fixierung des hinteren Kreuzbandes : Entwicklung und biomechanische Testung. Unfallchirurg 116(7):589-95 (0.610)

13. Ettinger M, Petri M, Guenther D, Liu C, Krusche C, Liodakis E, Albrecht UV, Krettek C, **Jagodzinski M** (2012) Anatomic double-bundle ACL reconstruction restricts knee extension in knees with hyperextension. Knee Surg Sports Traumatol Arthrosc. (2.209)

14. Liu C, Abedian R, Meister R, Haasper C, Hurschler C, Krettek C, von Lewinski G, **Jagodzinski M** (2012). Influence of perfusion and compression on the proliferation and differentiation of bone mesenchymal stromal cells seeded on polyurethane scaffold. Biomaterials 33:1052-1064. (7.88)

15. Petri M, Ufer K, Toma I, Becher C, Liodakis E, Brand S, Haas P, Liu C, Richter B, Haasper C, von Lewinski G, **Jagodzinski M** (2012). Effects of perfusion and cyclic compression on in vitro tissue engineered meniscus implants. Knee Surg Sports Traumatol Arthrosc. 20(2):223-31 (2.209)

16. Ettinger M, Wehrhahn T, Petri M, Liodakis E, Olender G, Albrecht UV, Hurschler C, Krettek C, **Jagodzinski M** (2012). The fixation strength of tibial PCL press-fit reconstructions. Knee Surg Sports Traumatol Arthrosc. 20(2):308-14. (2.209)

17. Petri M, Ettinger M, Dratzidis A, Liodakis E, Brand S, Albrecht UV, Hurschler C, Krettek C, **Jagodzinski M** (2011). Comparison of three suture techniques and three suture materials on gap formation and failure load in ruptured tendons: a human cadaveric study. Arch Orthop Trauma Surg. 132(5):649-54. (0.678)

18. Geiges B, von Falck C, Knobloch K, Haasper C, Meller R, Krettek C, Hankemeier S, Brand J, **Jagodzinski M** (2011). Biodegradierbare Schraube vs. einer Press-fit-Verankerung für VKB-Rekonstruktionen. Eine prospektiv-randomisierte Studie. Unfallchirurg. (0.647)

19. Petri M, Kruppa C, Haasper C, Broese M, Liodakis E, Krettek C, Hurschler C, **Jagodzinski M** (2011) Effects of continuous perfusion on human bone

marrow stromal cells seeded on a decellularized bovine Achilles tendon matrix. Technol Health Care 19(4):223-31

20. Ettinger M, Haasper C, Hankemeier S, Hurschler C, Breitmeier D, Krettek C, **Jagodzinski M** (2011). Biomechanical characterization of double-bundle femoral press-fit fixation techniques. Knee Surg Sports Traumatol Arthrosc 19(3):363-71 (2.209)

21. Ettinger M, Liodakis E, Haasper C, Hurschler C, Breitmeier D, Krettek C, **Jagodzinski M** (2011). Tibiale Press-fit-Fixierungen von Beugesehnen zur Rekonstruktion des vorderen Kreuzbandes. Unfallchirurg 113(7):532–539 (0.647)

22. Hesse E, Kluge G, Atfi A, Correa D, Haasper C, Berding G, Shin HO, Viering J, Länger F, Vogt PM, Krettek C, **Jagodzinski M** (2010). Repair of a segmental long bone defect in human by implantation of a novel multiple disc graft. Bone 46:1457-1463. (4.33)

23. **Jagodzinski M**, Ettinger M, Haasper C, Hankemeier S, Breitmeier D, Hurschler C, Krettek C. Biomechanische Analyse der Press-fit Fixierung von Kreuzbandtransplantaten. Unfallchirurg. 2010 Jul;113(7):532-9 (0.647)

24. Hankemeier S, Hurschler C, Zeichen J, van Griensven M, Miller B, Meller R, Ezechieli M, Krettek C, **Jagodzinski M** (2009). Bone marrow stromal cells in a liquid fibrin matrix improve the healing process of patellar tendon window defects. Tissue Eng Part A 15:1019-1030. (4.636)

25. **Jagodzinski M**, Geiges B, von Falck C, Knobloch K, Haasper C, Brand J, Hankemeier S, Krettek C, Meller R (2009) Biodegradable screw versus a press-fit bone plug fixation for ACL reconstruction: A prospective randomized study. Am J Sports Med 38:501-508 (3.821)

26. Haasper C, Colditz M, Budde S, Hesse E, Tschernig T, Frink M, Krettek C, Hurschler C, **Jagodzinski M** (2009) Perfusion and cyclic compression of mesenchymal cell-loaded and clinically applicable osteochondral grafts. Knee Surg Sports Traumatol Arthrosc. 17(11):1384-92 (2.209)

27. Panzica M, Zeichen J, Hankemeier S, Gaulke R, Krettek C, **Jagodzinski M** (2009) Long-term outcome after joint reconstruction or medial resection arthroplasty for anterior SCJ instability. Arch Orthop Trauma Surg, Epub ahead of print (0.678)

28. **Jagodzinski M**, Breitbart A, Wehmeier M, Hesse E, Haasper C, Krettek C, Zeichen J, Hankemeier S (2008). Influence of perfusion and cyclic compression on proliferation and differentiation of bone marrow stromal cells in 3-dimensional culture. J Biomech 41:1885-1891 (2.463)

29. Hankemeier S, Hurschler C, Zeichen J, van Griensven M, Miller B, Meller R, Ezechieli M, Krettek C, **Jagodzinski M** (2008) Bone marrow stromal cells in a

liquid fibrin matrix improve the healing process of patellar tendon window defects. Tissue Eng Part A. 15(5):1019-30 (2.887)

30. **Jagodzinski M**, Breitbart A, Wehmeier M, Hesse E, Haasper C, Krettek C, Zeichen J, Hankemeier S (2008) Influence of Perfusion and Cyclic Compression on Proliferation and Differentiation of Bone Marrow Stromal Cells in 3-Dimensional Culture. J Biomech, 41(9):1885-91 (2.54)

31. Haasper C, Breitbart A, Hankemeier S, Wehmeier M, Hesse E, Citak M, Krettek C, Zeichen J, **Jagodzinski M** (2008) Influence of fibrin glue on proliferation and differentiation of human bone marrow stromal cells seeded on a biologic 3-dimensional matrix. Technol Health Care 16(2):93-101

32. Haasper C, Colditz M, Kirsch L, Tschernig T, Viering J, Graubner G, Runtemund A, Zeichen J, Meller R, Glasmacher B, Windhagen H, Krettek C, Hurschler C, **Jagodzinski M** (2008) A system for engineering an osteochondral construct in the shape of an articular surface: Preliminary results. Ann Anat, 190(4):351-9 (0.427)

33. Brand J, Gaulke R, Hankemeier S, Krettek C, **Jagodzinski M** (2008) Die Suspensionsarthroplastik am Daumensattelgelenk: Wieviel Suspension ist notwendig? Obere Extremität 3:18-24

34. Haasper C, Drescher M, Krettek C, Zeichen J, **Jagodzinski M** (2008) Osteogene Differenzierung von humanen stromalen Zellen aus dem Knochenmark (hBMSC) unter dem Einfluss von zyklischem mechanischem Dehnungsstress und Dexamethason. Z Ortho Unfall 146(5):636-43

35. **Jagodzinski M**, Scheunemann K, Knobloch K, Albrecht K, Krettek C, Hurschler C, Zeichen J. (2006) Tibial press-fit fixation of the hamstring tendons for ACL-reconstruction. Knee Surg Sports Traumatol Arthrosc. 14(12):1281-71. (2.209)

36. **Jagodzinski M**, van Griensven M, Bosch U, Krettek C, Zeichen J (2006) Influence of Cyclic Mechanical Strain of Human Tendon Fibroblasts on HSP-72. Eur J Appl Physiol. 96(3):249-56 (1.619)

37. **Jagodzinski M**, Foerstemann T, Mall G, Krettek C, Bosch U, Paessler HH (2005): Analysis of Forces of ACL Reconstructions at the Tunnel Entrance: Is Tunnel Enlargement a Biomechanical Problem? J Biomech 38(1):23-31 (2.364)

38. Behfar V, Albrecht K, Krettek C, Bosch U, **Jagodzinski M** (2005): Entwicklung und biomechanische Testung einer femoralen press-fit Fixierung für Semitendinosus/ Gracilis Sehnen. Unfallchirurg, 108(8):630-7 (0.647)

39. **Jagodzinski M**, Drescher M, Zeichen J, Hankemeier S, Krettek C, Bosch U, van Griensven M (2004): Effects of cyclic longitudinal mechanical strain and dexamethasone on osteogenic differentiation of human bone marrow stromal cells. Eur Cells Mater 16(7):35-41 (5.378)

40. **Jagodzinski M**, Cebotari S, Tudorache I, Zeichen J, Hankemeier S, Krettek C, van Griensven M, Mertisching H (2004): Tissue-Engineering von Röhrenknochen mit einer vaskularisierten Matrix in einem Bioreaktor. Orthopäde 33 (12): 1394-1400 (0.495)

41. **Jagodzinski M**, Behfar V, Albrecht K, Krettek C, Bosch U (2004): Femoral Press Fit Fixation of the Hamstring Tendons for ACL Reconstruction. Am J Sports Med 32(7): 1723-1730 (2.396)

42. **Jagodzinski M**, Leis A, Iselborn KW, Mall G, Nerlich M, Bosch U (2003): Impingement pressure and tension forces of the anterior cruciate ligament. Knee Surg Sports Traumatol Arthrosc Mar;11(2):85-90 (2.02)

43. **Jagodzinski M**, Kleemann V, Angele P, Schönhaar V, Iselborn KW, Mall G, Nerlich M (2000): Experimental and clinical assessment of the accuracy of knee extension measurement techniques. Knee Surg Sports Traumatol Arthrosc. 8(5): 329-336 (2.02)

44. **Jagodzinski M**, Richter GM, Pässler HH (2000): Biomechanical analysis of knee hyperextension and of the impingement of the anterior cruciate ligament: a cinematographic MRI study with impact on tibial tunnel positioning in anterior cruciate ligament reconstruction. Knee Surg Sports Traumatol Arthrosc 8(1):11-9 (2.02)

Koautorschaften:

1. Omar M, Petri M, Dratzidis A, El Nehmer S, Hurschler C, Krettek C, **Jagodzinski M**, Ettinger M (2014) Biomechanical comparison of fixation techniques for medial collateral ligament anatomical augmented repair. Knee Surg Sports Traumatol Arthrosc. – in press – (2.022)

2. Guenther D, Liu C, Horstmann H, Krettek C, **Jagodzinski M**, Haasper C (2014) Near-infrared spectroscopy correlates with established histological scores in a miniature pig model of cartilage regeneration. Open Orthop J. 16(8):93-9

3. Petri M, Dratzidis A, Brand S, Calliess T, Hurschler C, Krettek C, **Jagodzinski M**, Ettinger M (2014) Suture anchor repair yields better biomechanical properties than transosseous sutures in ruptured quadriceps tendons. Knee Surg Sports Traumatol Arthrosc. – in press - (2.022)

4. Petri M, Ettinger M, von Falck C, Hawi N, **Jagodzinski M**, Haasper C (2013) Reconstruction of osteochondral defects by combined bone grafting and a bilayer collagen membrane as a sandwich technique. Orthop Rev (Pavia) 18;5(4):e36

5. Ettinger M, Büermann S, Calliess T, Omar M, Krettek C, Hurschler C, **Jagodzinski M**, Petri M (2013) Tibial Inlay Press-fit Fixation Versus Interference Screw in Posterior Cruciate Ligament Reconstruction. Orthop Rev (Pavia) 6;5(4):e35

6. Kokemüller H, Jehn P, Spalthoff S, Essig H, Tavassol F, Schumann P, Andreae A, Nolte I, **Jagodzinski M**, Gellrich NC (2014) En bloc prefabrication of vascularized bioartificial bone grafts in sheep and complete workflow for custom-made transplants. Int J Oral Maxillofac Surg. 43(2):163-72 (1.788)

7. Guenther D, Oks A, Ettinger M, Liodakis E, Petri M, Krettek C, **Jagodzinski M**, Haasper C (2013) Enhanced migration of human bone marrow stromal cells in modified collagen hydrogels. Int Orthop. 37(8):1605-11 (2.025)

8. Ettinger M, Dratzidis A, Hurschler C, Brand S, Calliess T, Krettek C, **Jagodzinski M**, Petri M (2013) Biomechanical properties of suture anchor repair compared with transosseous sutures in patellar tendon ruptures: A cadaveric study. Am J Sports Med. (4.439)

9. Burssens A, Forsyth R, Bongaerts W, **Jagodzinski M**, Mahieu N, Praet M, Victor J (2013) Arguments for an increasing differentiation towards fibrocartilaginous components in midportion Achilles tendinopathy. Knee Surg Sports Traumatol Arthrosc. 21(6):1459-67. (2.022)

10. Schäck LM, Noack S, Weist R, **Jagodzinski M**, Krettek C, Buettner M, Hoffmann A (2013) Analysis of surface protein expression in human bone marrow stromal cells: New aspects of culture-induced changes, inter-donor differences and intracellular expression. Stem Cells Dev. (4.459)

11. Schäck LM, Noack S, Winkler R, Wißmann G, Behrens P, Wellmann M, **Jagodzinski M**, Krettek C, Hoffmann A (2013) The phosphate source influences gene expression and quality of mineralization during In vitro osteogenic differentiation of human mesenchymal stem cells. PLoS One. 18;8(6):e65943. (3.73)

12. Petri M, Broese M, Simon A, Liodakis E, Ettinger M, Guenther D, Zeichen J, Krettek C, **Jagodzinski M**, Haasper C (2013) CaReS (MACT) versus microfracture in treating symptomatic patellofemoral cartilage defects: a retrospective, matched-pair analysis. J Orthop Sci. 2013 Jan;18(1):38-44. (0.96)

13. Petri M, Broese M, Simon A, Liodakis E, Ettinger M, Guenther D, Zeichen J, Krettek C, **Jagodzinski M**, Haasper C (2012) CaReS® (MACT) versus microfracture in treating symptomatic patellofemoral cartilage defects: a retrospective matched-pair analysis. J Orthop Sci 17(6):717-21 (0.96)

14. Ettinger M, Maslaris A, Kenawey M, Petri M, Krettek C, **Jagodzinski M**, Liodakis E (2012) A preliminary clinical evaluation of the "greater trochanter-head contact point" method for the intraoperative torsional control of femoral fractures. J Orthop Sci, 17(6):717-21 (0.96)

15. Meller R, Schiborra F, Brandes G, Knobloch K, Tschernig T, Hankemeier S, Haasper C, Schmiedl A, **Jagodzinski M**, Krettek C, Willbold E (2009) Postnatal maturation of tendon, cruciate ligament, meniscus and articular cartilage: A histological study in sheep. Ann Anat, Epub (0.427)

16. Citak M, Citak M, Kendoff D, O'Loughlin PF, Tavassol F, **Jagodzinski M**, Krettek C, Hüfner T (2009) Estimation of pretraumatic femoral antetorsion in bilateral femoral shaft fractures. Skeletal Radiology, Dec;38(12):1183-7 (1.672)

17. Liodakis E, Hankemeier S, **Jagodzinski M**, Meller R, Krettek C, Brand J (2009) The role of preoperative MRI in knee arthroscopy: a retrospective analysis of 2,000 patients. Knee Surg Sports Traumatol Arthrosc. 17(9):1102-6 (1.02)

18. Zeichen J, Haeder L, **Jagodzinski M**, Lobenhoffer P, Bosch U, Brand J (2008) Lokalisation von TGF- und PDGF und deren Bedeutung für die Pathogenese der Arthrofibrose. Unfallchirurg 111(2):79-84 (0.647)

19. Haasper C, Zelle BA, Knobloch K, **Jagodzinski M**, Citak M, Lotz J, Krettek C, Zeichen J (2008) No mid-term difference in mosaicplasty in previously treated versus previously untreated patients with osteochondral lesions of the talus. Arch Orthop Trauma Surg 128(5):499-504 (0.678)

20. Haasper C, **Jagodzinski M**, Drescher M, Wehmeier M, Meller R, Hesse E (2008) Cyclic strain induces FosB and initiates osteogenic differentiation of mesenchymal cells. Exp Toxicol Pathol 59(6):355-63 (0.782)

21. Hankemeier S, van Griensven M, Ezechieli M, Barkhausen T, Austin M, **Jagodzinski M**, Meller R, Bosch U, Krettek C, Zeichen J (2007) Tissue engineering of tendons and ligaments by human bone marrow stromal cells in a liquid fibrin matrix in immunodeficient rats: Results of a histologic study. Arch Orthop Trauma Surg 127(9):815-21 (0.678)

22. Knobloch K, Kraemer R, **Jagodzinski M**, Zeichen J, Meller R, Vogt PM (2007) Eccentric training decreases paratendon capillary blood flow and preserves paratendon oxygen saturation in chronic achilles tendinopathy. J Orthop Sports Phys Ther 37(5):269-76 (0.987)

23. Haasper C, **Jagodzinski M**, Geerling J, Cordes AL, Krettek C, Gaulke R (2007) Beidseitige Spontanruptur der Patellarsehne. Z Orthop Unfall 145(5):622-4

24. Meller R, Krettek C, Gosling T, Wahling K, **Jagodzinski M**, Zeichen J (2006) Recurrent shoulder instability among athletes: changes in quality of life, sports activity, and muscle function following open repair. Knee Surg Sports Traumatol Arthrosc. 15(3):295-304 (2.02)

25. Knobloch K, **Jagodzinski M**, Haasper C, Zeichen J, Krettek C (2006) Turnunfälle im Schulsport - Ansätze für präventive Maßnahmen. Sportverletz Sportschaden. 20(2):81-5 (0.255)

26. Knobloch K, Lichtenberg A, Kraemer R, **Jagodzinski M**, Gosling T, Richter M, Krettek C (2005) Microcirculation of the ankle after Cryo/Cuff Application in Healthy Volunteers. Int J Sports Med. 27(3):250-5 (1.433)

27. Knobloch K, Kraemer R, Lichtenberg A, Richter M, Gosling T, **Jagodzinski M**, Zeichen J, Hufner T, Krettek C (2005) Achilles tendon and paratendon microcirculation in mid-portion and insertional tendinopathy in sportsmen. Am J Sports Med, 34(1):92-7 (2.396)

28. Hankemeier S, Keus M, Zeichen J, **Jagodzinski M**, Barkhausen T, Bosch U, Krettek C, van Griensven M (2005): Modulation of proliferation and differentiation of human bone marrow stromal cells by fibroblast growth factor-2: Potential implications for tissue engineering of tendons and ligaments. Tissue Eng 11(1-2): 41-49 (2.887)

29. Knobloch K, Rossner D, **Jagodzinski M**, Zeichen J, Gössling T, Richter M, Krettek C (2005) Basketballverletzungen im Schulsport. Deutsche Zeitschr Sportmed 56 (4): 12-15

30. Knobloch K, Rossner D, **Jagodzinski M**, Zeichen J, Gössling T, Richter M, Krettek C (2005) Prävention von Schulsportverletzungen – Analyse von Ballsportarten bei 2234 Verletzungen. Sportverl Sportschad 19: 1-7 (0.255)

31. Tibesku CO, Mastrokalos DS, **Jagodzinski M**, Pässler HH (2004): MRT Evaluierung der Bewegung und Deformation des Meniskus in vivo unter Belastung. Sportverletzungen Sportschaden 18(2): 68-75 (0.255)

Reviews/ Case reports

1. Teng S, Liu C, Krettek C, **Jagodzinski M** (2013) The application of induced pluripotent stem cells for bone regeneration: Current progress and prospects. Tissue Eng Part B Rev. (4.022)

2. Krettek C, Hawi N, **Jagodzinski M** (2013) Intrakondylare Segmentosteotomie: Korrektur intraartikularer Fehlstellungen nach Tibiakopffraktur. Unfallchirurg. 116(5):413-26 (0.64)

3. **Jagodzinski M**, Ettinger M, Liodakis E, Hawi N, Petri M, Krettek C (2013) Spätzustände nach komplexer Bandverletzung am Kniegelenk. Unfallchirurg. 116(5):404-12

4. Liodakis E, Liodaki E, Basmajian HG, Hawi N, Petri M, Krettek C, **Jagodzinski M**. Pectus excavatum in blunt chest trauma: a case report (2013) J Med Case Rep. 15;7(1):22

5. Liu C, Toma IC, Mastrogiacomo M, Krettek C, von Lewinski G, **Jagodzinski M** (2013) Meniscus reconstruction: today's achievements and premises for the future. Arch Orthop Trauma Surg. 133(1):95-109 (1.358)

6. Petri M, Krettek C, **Jagodzinski M** (2012) Evidenzbasierte Indikationsstellung bei Patellaluxation. Unfallchirurg 115(5):387-91 (0.647)

7. Krettek C, Müller C, Meller R, **Jagodzinski M**, Hildebrand F, Gaulke R (2012) Ist eine routinemäßige Implantatentfernung nach unfallchirurgischen Eingriffen sinnvoll? Unfallchirurg. 115(4):315-22. (0,647)

8. Haasper C, Zeichen J, Meister R, Krettek C, **Jagodzinski M** (2008) Tissue engineering of osteochondral constructs in vitro using bioreactors. Injury 39 Suppl 1:66-76 (1.067)

9. **Jagodzinski M**, Krettek C (2007) Effect of mechanical stability on fracture healing - an update. Injury. 38 Suppl 1:3-10 (1,067)

10. Zeichen J, Hankemeier S, Knobloch K, **Jagodzinski M** (2006) Die arthroskopische partielle Meniskektomie. Oper Orthop Traumatol. 18(5-6):380-92

11. Haasper C, **Jagodzinski M**, Krettek C, Zeichen J (2006) Hinged external fixation and closed reduction for distal humerus fracture. Arch Orthop Trauma Surg. 126(3):188-91 (0.678)

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