



PD Dr. JB. Seeger  
Chefarzt Orthopädie  
Kurpark-Klinik  
Kurstraße 41-45  
61231 Bad Nauheim  
T. 06032 944 651  
F 06032 944 444  
j.seeger@kurpark-  
klinik.com

## Publikationen

### Privatdozent Dr. med. Jörn Bengt Seeger

#### 2021

„Risk factors for failure after cementless femoral revision THA: a consecutive series of 105 cases“, OE. Bischel, JB. Seeger, AJ. Suda, In: Archo Orthop Trauma Surg. 2021. doi: 10.1007/s00402-020-03723-w. Online ahead of print.

#### 2020

„Comparison of Short Stems vs. Straight Hip Stems: A Biomechanical Analysis of the Primary Torsional Stability“, A. Jahnke, S. Ghandourah, CA. Fonseca Ulloa, JB. Seeger, M. Rickert, BA. Ishaque, GA. Ahmed, In: J Biomech Eng. 2020 Jun 30, DOI: 10.1115/1.4047659, Online ahead of print

„Clinical evaluation of a novel press-fit acetabular cup using “Ein-Bild-Roentgen-Analysis“ (EBRA): A positive short-term prognosis“, BA. Ishaque, J. Wiczorek, CA. Fonseca Ulloa, JB. Seeger, GA. Ahmed, M. Rickert, A. Jahnke, In: J Orthop. 2020; 22:33-37

„En-Bloc Resection of Metastases of the Proximal Femur and Reconstruction by Modular Arthroplasty is Not Only Justified in Patients with a Curative Treatment Option – An Observational Study of a Consecutive Series of 45 Patients“, OE. Bischel, AJ. Suda, PM. Böhm, B. Lehner, RG. Bitsch, JB. Seeger, In: J Clin Med. 2020; 11;9(3)

„Different injury patterns after snowboard in children and adolescents“, GS. Maier, O. Bischel, H. Kusche, A. Jahnke, M. Rickert, M. Clarius, LV. von Engelhardt, JB. Seeger, In: J Orthop. 2020; 4;19:229-232

#### 2019

„Modular tumor prostheses: are current stem designs suitable for distal femoral reconstruction? A biomechanical implant stability analysis in Sawbones“, OE. Bischel, J. Nadorf, SB. Klein, S. Gantz, E. Jakubowitz, JP. Kretzer, J. Arnholdt, JB. Seeger, In: Arch Orthop Trauma Surg. 2019; 139(6):843-849

**2018**

„Long-term results of an anatomically implanted hip arthroplasty with a short stem prosthesis (MiniHip™)“, LV. von Engelhardt, A. Breil-Wirth, C. Kothny, JB. Seeger, C. Grasselli, J. Jerosch, In: World J Orthop. 2018; 9(10):210-219

„Calcaneal Displacement Osteotomies – Less Soft Tissue Irritation in Lateral Compression Plate than Screws“, C. Müller, T. Zippelius, P. Strube, JB. Seeger, O. Brinkmann, G. Matziolis, A. Wagner, In: Acta Chir Orthop Traumatol Cech. 2018; 85(1):54-56

„Analysis of the elastic bending characteristics of cementless short hip stems considering the valgus alignment of the prosthetic stem“, A. Jahnke, CA. Fonseca Ulloa, JB. Seeger, M. Rickert, GW. Jahnke, GA. Ahmed, BA. Ishaque, In: Clin Biomech (Bristol, Avon) 2018 Feb; 52:49-56

„Instrumented gait analysis in patients with medial osteoarthritis of the knee after mobile-bearing unicompartmental knee arthroplasty“, JB. Seeger, JP. Schickschneit, C. Schuld, R. Rupp, M. Rickert, A. Jahnke, GS. Maier, M. Clarius, In: Knee (2018), DOI: 10.1016/j.knee.2018.02.014

**2016**

„Vitamin D Deficiency: The Missing Etiological Factor in the Development of Juvenile Osteochondrosis Dissecans?“, GS. Maier, D. Lazovic, U. Maus, KE. Roth, K. Horas, JB. Seeger, In: J Pediatr Orthop. 2016 Dec 22, DOI: 10.1097/BPO.0000000000000921

„Risk factors for pelvic insufficiency fractures and outcome after conservative therapy“, GS. Maier, K. Kolbow, D. Lazovic, K. Horas, KE. Roth, JB. Seeger, U. Maus, In: Archives of Gerontology and Geriatrics 2016; 15(67):80-85

„Morbidly Obese Patients Undergoing Reduced Cup Anteversion Through a Direct Lateral Approach“, S. Brodt, B. Jacob, C. Windisch, J. Seeger, G. Matziolis, J Bone Joint Surg Am. 2016 May 4;98(9):729-34

**2015**

„Prevalence of Vitamin D Deficiency in Patients with Bone Metastases and Multiple Myeloma“, GS. Maier, K. Horas, AA. Kurth, D. Lazovic, JB. Seeger, U. Maus, In: Anticancer Res. 2015; 35(11):6281-5

„Periprosthetic fractures: concepts of biomechanical in vitro investigations“, E. Jakubowitz, JB. Seeger, In: Int Orthop. 2015; 39(10):1971-09

„Influences of fit and fill following hip arthroplasty using a cementless short-stem prosthesis“, A. Jahnke, S. Engl, JB. Seeger, E. Basad, M. Rickert, BA. Ishaque, In: Arch Orthop Trauma Surg. 2015; 135(11):1609-14

„The prevalence of vitamin D deficiency in patients with vertebral fragility fractures“, GS. Maier, JB. Seeger, K. Horas, KE. Roth, AA. Kurth, U. Maus, In: Bone Joint J. 2015; 97-B(1):89-93

„Change of gait in patients with lateral osteoarthritis of the knee after mobile bearing unicompartmental knee arthroplasty“, JB. Seeger, JP. Schickschneit, C. Schuld, R. Rupp, S. Jäger, H. Schmitt, GS. Maier, M. Clarius, In: Knee Surg Sport Trauma Arthrosc. 2015; 23(7):2049-54

#### 2014

„Sports activities before and after medial unicompartmental knee arthroplasty using the new Heidelberg Sports Activity Score“, A. Jahnke, JK. Mende, GS. Maier, GA. Ahmed, BA. Ishaque, H. Schmitt, M. Rickert, M. Clarius, JB. Seeger, In: Int Orthop. 2014

„Vitamin D insufficiency in the elderly orthopaedic patient: an epidemic phenomenon“, GS. Maier, K. Horas, JB. Seeger, KE. Roth, AA. Kurth, U. Maus, In: Int Orthop. 2014; 39(4):787-92

„Changes of periprosthetic bone density after a cementless short hip stem: a clinical and radiological analysis“, A. Jahnke, S. Engl, C. Altmeyer, E. Jakubowitz, JB. Seeger, M. Rickert, BA. Ishaque, In: Int Orthop. 2014; 38(10):2045-50

„Mechanical properties of a cemented porous implant interface“, NA. Beckmann, RG. Bitsch, JB. Seeger, MC. Klotz, JP. Kretzer, S. Jäger, In: Acta Orthop. 2014; 85(5):531-7

„Is there an association between periprosthetic joint infection and low vitamin D levels?“, GS. Maier, K. Horas, JB. Seeger, KE. Roth, AA. Kurth, U. Maus, In: Int Orthop. 2014; 38(7):1499-504

„Gluteal silicone injections and total hip arthroplasty: a case report“, JB. Seeger, G. Ahmed, E. Basad, M. Rickert, BA. Ishaque, In: J Med Case Rep. 2014; 8:140

**2013**

„Tibial Cementing in UKA: A Three-Dimensional Analysis of the Bone Cement Implant Interface and the Effect of Bone Lavage“, S. Jäger, JB. Seeger, C. Schuld, RG. Bitsch, M. Clarius M, In: J Arthroplasty 2013; 28(9):191-4

„The UniSpacer™: correcting varus malalignment in medial gonarthrosis. Preliminary results“, JB. Seeger, E. Cardenas-Montemayor, JF. Becker, O. Bischel, E. Röhner, M. Clarius M, In: Rev Esp Cir Ortop Traumatol 2013; 57(1):15-20

„The Heidelberg Sports Activity Score – A New Instrument to Evaluate Sports Activity“, JB. Seeger, S. Weinmann, H. Schmitt, T. Bruckner, M. Krueger, M. Clarius, In: Open Orthop J. 2013; 7:25-32

„The Effect of Bone Lavage on Femoral Cement Penetration and Interface Temperature During Oxford Unicompartmental Knee Arthroplasty with Cement“, JB. Seeger, S. Jäger, RG. Bitsch, G. Mohr, E. Röhner, M. Clarius, In: J Bone Joint Surg Am. 2013; 95(1):48-53

„Treatment of periprosthetic tibial plateau fractures in unicompartmental knee arthroplasty: Plates versus cannulated screws“, JB. Seeger, S. Jäger, E. Röhner, H. Dierkes, G. Wassilew, M. Clarius, In: Arch Orthop Trauma Surg. 2013; 133(2):253-7

**2012**

„Multiple Acetabular Revisions in THA – Poor Outcome Despite Maximum Effort“, O. Bischel, JB. Seeger, M. Krüger, RG. Bitsch, In: Open Orthop J. 2012; 6:488-94

„Ultrasound-based computer navigation: An accurate measurement tool for determining combined anteversion?“, G. Wassilew, O. Hasart, MO. Heller, C. Perka, I. Südhoff, V. Janz, JB. Seeger, C. König, In: Technol Health Care 2012; 20(6):535-43

„Limited use of antiseptics in septic surgery“, E. Röhner, P. Hoff, T. Pfitzner, JB. Seeger, F. Buttgereit, C. Perka, G. Matziolis, In: J Invest Surg. 2012; 25(5):311-6

„Tuberculous Coxitis: Diagnostic Problems and Varieties of Treatment: A Case Report“, H. Klein, JB. Seeger, I. Schleicher, In: Open Orthop J. 2012; 6:455-8

„The influence of the femoral force application point on tibial cementing pressure in cemented UKA: an experimental study“, S. Jäger, A. Helling, RG. Bitsch, JB. Seeger, C. Schuld, M. Clarius, In: Arch Orthop Trauma Surg. 2012; 132(11):1589-94

„The importance of pulsed lavage on interface temperature and ligament tension force in cemented unicompartmental knee arthroplasty“, M. Clarius, JB. Seeger, S. Jäger, G. Mohr, RG. Bitsch, In: Clin Biomech (Bristol, Avon) 2012; 27(4):372-6

#### 2011

„Extended sagittal saw cut significantly reduces fracture load in cementless unicompartmental knee arthroplasty compared to cemented tibia plateaus: an experimental cadaver study“, JB. Seeger, D. Haas, S. Jäger, E. Röhner, S. Tohtz, M. Clarius, In: Knee Surg Sports Traumatol Arthrosc. 2012; 20(6):1087-91

„Preferred use of polyhexanide in orthopedic surgery“, E. Röhner, JB. Seeger, P. Hoff, T. Pfitzner, B. Preininger, K. Andreas, F. Buttgereit, C. Perka, G. Matziolis, In: Orthopedics 2011; 34(10):664-8

„Polyhexanide and hydrogen peroxide inhibit proteoglycan synthesis of human chondrocytes“, E. Röhner, P. Hoff, T. Winkler, P. von Roth, JB. Seeger, C. Perka, G. Matziolis, In: J Histotechnol. 2011; 34(1):35-9

„Toxicity of antiseptics against chondrocytes: what is best for the cartilage in septic joint surgery?“, E. Röhner, P. Kolar, JB. Seeger, J. Arnholdt, K. Thiele, C. Perka, G. Matziolis, In: Int Orthop. 2011; 35(11):1719-23

„Toxicity of polyhexanide and hydrogen peroxide on human chondrocytes in vitro“, E. Röhner, JB. Seeger, P. Hoff, S. Dähn-Wollenberg, C. Perka, G. Matziolis, In: Orthopedics 2011; 34(7):290-4

#### 2010

„Are patients' expectations of hip and knee arthroplasty fulfilled? A prospective study of 130 patients“, AJ. Suda, JB. Seeger, RG. Bitsch, M. Krueger, M. Clarius, In: Orthopedics 2010; 33(2):76-80

„Femoral fixation pattern in cemented Oxford unicompartmental knee arthroplasty – an experimental cadaver study“, M. Clarius, G. Mohr, S. Jäger, JB. Seeger, RG. Bitsch, In: Knee 2010; 17(6):398-402

„The UniSpacer™: correcting varus malalignment in medial gonarthrosis“, M. Clarius, JF. Becker, H. Schmitt, JB. Seeger, In: Int Orthop. 2010; 34(8):1175-9

„Correlation of Positioning and Clinical Results in Oxford UKA“, M. Clarius, C. Hauck, JB. Seeger, M. Pritsch, C. Merle, PR. Aldinger, In: Int Orthop. 2010; 34(8):1145-51

### 2009

„Luxatio pedis sub talo medialis: Ein Fallbericht“, JB. Seeger, M. Clarius, In: Unfallchirurg. 2009; 112(12):1066-9

„Risk factors for periprosthetic femoral fractures in elderly patients“, E. Jakubowitz, JB. Seeger, JP. Kretzer, C. Heisel, JA. Kleinhans, M. Thomsen, In: Med Sci Monit 2009; 15(11):307-12

„Do short-stemmed-prostheses induce periprosthetic fractures earlier than standard hip stems? A biomechanical ex-vivo study of two different stem designs“, E. Jakubowitz, JB. Seeger, C. Lee, C. Heisel, JP. Kretzer, MN. Thomsen, In: Arch Orthop Trauma Surg. 2009; 129(6):849-55

„Periprosthetic tibial fractures in unicompartmental knee arthroplasty as a function of extended sagittal saw cuts: An experimental study“, M. Clarius, D. Haas, PR. Aldinger, S. Jäger, E. Jakubowitz, JB. Seeger, In: Knee 2010; 17(1):57-60

„Macroscopic third-body wear caused by porous metal surface fragments in total hip arthroplasty. A case report“, JA. Kleinhans, E. Jakubowitz, JB. Seeger, C. Heisel, JP. Kretzer, In: Orthopedics 2009; 32:364

„Pulsed lavage reduces the incidence of radiolucent lines under the tibial tray of Oxford unicompartmental knee arthroplasty: Pulsed lavage versus syringe lavage“, M. Clarius, C. Hauck, JB. Seeger, A. James, DW. Murray, PR. Aldinger, In: Int Orthop. 2009; 33(6):1585-90

„Saw cuts in unicompartmental knee arthroplasty: An analysis of sawbone preparations“, M. Clarius, PR. Aldinger, T. Bruckner, JB. Seeger, In: Knee 2009; 16(5):314-6

„The influence of age, bone quality and body mass index on periprosthetic femoral fractures: A biomechanical laboratory study“, E. Jakubowitz, JB. Seeger,

JP. Kretzer, C. Heisel, JA. Kleinhans, M. Thomsen, In: Med Sci Monit 2009; 15(11):307-12

### 2008

„Fracture load for periprosthetic femoral fractures in cemented vs uncemented hip stems – An experimental in-vitro study“, M. Thomsen, E. Jakubowitz, JB. Seeger, C. Lee, JP. Kretzer, M. Clarius, In: Orthopedics 2008; 31(7):653

### 2006

„Periprothetische Frakturen bei älteren Patienten – Vergleich zementfreier und zementierter Hüftendoprothesen im Experiment“, M. Thomsen, E. Jakubowitz, JB. Seeger, C. Lee, M. Clarius, In: Z Orthop ihre Grenzgeb. 2006; 144(5):442-3