

Publikationen 2017

- Huschak G, Holzhausen HJ, Beier A, Meisel HJ, Hoell T.; Retraction Notice: Lack of Relationship Between Occupational Workload and Microscopic Alterations in Lumbar Intervertebral Disc Disease; *Open Orthop J.* 2017 Apr 28;11:389. doi: 10.2174/1874325001711010389. eCollection 2017.
- Hirsch T, Wahl U.; [Practical Approaches for Post-Operative and Post-Traumatic Lymphoedemas]; *Zentralbl Chir.* 2017 Jun;142(3):287-296. doi: 10.1055/s-0042-110792. Epub 2016 Jul 18.
- Houschyar KS, Pyles MN, Rein S, Nietzsche I, Duscher D, Maan ZN, Weissenberg K, Philipps HM, Strauss C, Reichelt B, Siemers F.; Continuous hemoadsorption with a cytokine adsorber during sepsis - a review of the literature; *Int J Artif Organs.* 2017 May 29;40(5):205-211. doi: 10.5301/ijao.5000591. Epub 2017 May 19.
- Eitner A, Hofmann GO, Schaible HG.; Mechanisms of Osteoarthritic Pain. Studies in Humans and Experimental Models; *Front Mol Neurosci.* 2017 Nov 31;10:349. doi: 10.3389/fnmol.2017.00349. eCollection 2017.
- Tuchman A, Brodke DS, Youssef JA, Meisel HJ, Dettori JR, Park JB, Yoon ST, Wang JC.; Autograft versus Allograft for Cervical Spinal Fusion: A Systematic Review; *Global Spine J.* 2017 Feb;7(1):59-70. doi: 10.1055/s-0036-1580610. Epub 2017 Feb 1.
- Homagk N, Jarmuzek T, Hofmann GO, Homagk L.; [Therapy of Spondylodiscitis by Severity]; *Z Orthop Unfall.* 2017 Dec;155(6):697-704. doi: 10.1055/s-0043-116219. Epub 2017 Oct 19.
- Hilbert-Carius P, Wurmb T, Lier H, Fischer M, Helm M, Lott C, Böttiger BW, Bernhard M.; [Care for severely injured persons : Update of the 2016 S3 guideline for the treatment of polytrauma and the severely injured]; *Anaesthesist.* 2017 Mar;66(3):195-206. doi: 10.1007/s00101-017-0265-9.
- Neitzke G, Böll B, Burchardi H, Dannenberg K, Duttge G, Erchinger R, Gretenkort P, Hartog C, Knochel K, Liebig M, Michalsen A, Michels G, Mohr M, Nauck F, Radke P, Salomon F, Stopfkuchen H, Janssens U.; [Documentation of decisions to withhold or withdraw life-sustaining therapies : Recommendation of the Ethics Section of the German Interdisciplinary Association of Critical Care and Emergency Medicine (DIVI) in collaboration with the Ethics Section of the German Society for Medical Intensive Care and Emergency Medicine (DGIIN)]; *Med Klin Intensivmed Notfmed.* 2017 Sep;112(6):527-530. doi: 10.1007/s00063-017-0321-x.
- Dorow M, Löbner M, Stein J, Konnopka A, Meisel HJ, Günther L, Meixensberger J, Stengler K, König HH, Riedel-Heller SG.; Risk Factors for Postoperative Pain Intensity in Patients Undergoing Lumbar Disc Surgery: A Systematic Review; *PLoS One.* 2017 Jan 20;12(1):e0170303. doi: 10.1371/journal.pone.0170303. eCollection 2017.
- Buser Z, Brodke DS, Youssef JA, Rometsch E, Park JB, Yoon ST, Wang JC, Meisel HJ.; Allograft Versus Demineralized Bone Matrix in Instrumented and Noninstrumented Lumbar Fusion: A Systematic Review; *Global Spine J.* 2018 Jun;8(4):396-412. doi: 10.1177/2192568217735342. Epub 2017 Oct 25.
- Aurich M, Koenig V, Hofmann G.; Comminuted intraarticular fractures of the tibial plateau lead to posttraumatic osteoarthritis of the knee: Current treatment review; *Asian J Surg.* 2018 Mar;41(2):99-105. doi: 10.1016/j.asjsur.2016.11.011. Epub 2017 Jan 26.

- Schleicher P, Scholz M, Kandziora F, Badke A, Brakopp FH, Ekkerlein HKF, Gercek E, Hartensuer R, Hartung P, Jarvers JG, Kobbe P, Matschke S, Morrison R, Müller CW, Pishnamaz M, Reinhold M, Schnake KJ, Schmeiser G, Stein G, Ullrich B, Weiß T, Zimmermann V.; [Subaxial Cervical Spine Injuries: Treatment Recommendations of the German Orthopedic and Trauma Society]; *Z Orthop Unfall*. 2017 Oct155(5):556-566. doi: 10.1055/s-0043-110855. Epub 2017 Jul 20.
- Spahn G, Lipfert JU, Maurer C, Hartmann B, Schiele R, Klemm HT, Grifka J, Hofmann GO.; Risk factors for cartilage damage and osteoarthritis of the elbow joint: case-control study and systematic literature review; *Arch Orthop Trauma Surg*. 2017 Apr137(4):557-566. doi: 10.1007/s00402-017-2654-6. Epub 2017 Feb 24.
- Janssens U, Böll B, Burchardi H, Dannenberg K, Duttge G, Erchinger R, Gretenkort P, Hartog C, Knochel K, Liebig M, Michalsen A, Michels G, Mohr M, Nauck F, Radke P, Salomon F, Stopfkuchen H, Neitzke G.; [Difficult decisions in end-of-life situations : An important team task]; *Med Klin Intensivmed Notfmed*. 2017 Oct112(7):640-642. doi: 10.1007/s00063-017-0353-2.
- Schwan S, Ludtka C, Wiesner I, Baerthel A, Friedmann A, Göhre F.; Percutaneous posterolateral approach for the simulation of a far-lateral disc herniation in an ovine model; *Eur Spine J*. 2018 Jan27(1):222-230. doi: 10.1007/s00586-017-5362-6. Epub 2017 Oct 27.
- Neitzke G, Böll B, Burchardi H, Dannenberg K, Duttge G, Erchinger R, Gretenkort P, Hartog C, Knochel K, Liebig M, Michalsen A, Michels G, Mohr M, Nauck F, Radke P, Salomon F, Stopfkuchen H, Janssens U.; [Erratum to: Documentation of decisions to withhold or withdraw life-sustaining therapies]; *Med Klin Intensivmed Notfmed*. 2017 Sep112(6):530. doi: 10.1007/s00063-017-0334-5.
- Lord EL, Cohen JR, Buser Z, Meisel HJ, Brodke DS, Yoon ST, Youssef JA, Wang JC, Park JB.; Trends, Costs, and Complications of Anterior Cervical Discectomy and Fusion With and Without Bone Morphogenetic Protein in the United States Medicare Population; *Global Spine J*. 2017 Oct7(7):603-608. doi: 10.1177/2192568217699207. Epub 2017 Aug 17.
- Dietrich C, Blume KR, Franz M, Huonker R, Carl M, Preißler S, Hofmann GO, Miltner WHR, Weiss T.; Dermatomal Organization of SI Leg Representation in Humans: Revising the Somatosensory Homunculus; *Cereb Cortex*. 2017 Sep 127(9):4564-4569. doi: 10.1093/cercor/bhx007.
- Jarmuzek T, Mendel T, Schenk P, Hofmann G, Ullrich BW.; [The complicated course of a femoral shaft fracture in childhood]; *Unfallchirurg*. 2017 May120(5):432-436. doi: 10.1007/s00113-016-0304-z.
- Esmail N, Buser Z, Cohen JR, Brodke DS, Meisel HJ, Park JB, Youssef JA, Wang JC, Yoon ST.; Postoperative Complications Associated With rhBMP2 Use in Posterior/Posterolateral Lumbar Fusion; *Global Spine J*. 2018 Apr8(2):142-148. doi: 10.1177/2192568217698141. Epub 2017 Apr 20.
- Schnake KJ, Bula P, Spiegl UJ, Müller M, Hartmann F, Ullrich BW, Blatter TR.; [Thoracolumbar spinal fractures in the elderly : Classification and treatment]; *Unfallchirurg*. 2017 Dec120(12):1071-1085. doi: 10.1007/s00113-017-0435-x.
- Friedmann A, Goehre F, Ludtka C, Mendel T, Meisel HJ, Heilmann A, Schwan S.; Microstructure analysis method for evaluating degenerated intervertebral disc tissue; *Micron*. 2017 Jan92:51-62. doi: 10.1016/j.micron.2016.10.002. Epub 2016 Oct 21.
- Petersen B, Busch T, Noreikat K, Homeister L, Regenthal R, Kaisers UX.; Search for an animal model to investigate selective pulmonary vasodilation; *Lab Anim*. 2017 Aug51(4):376-387. doi: 10.1177/0023677216675384. Epub 2016 Nov 25.

- Schwan S, Ludtka C, Friedmann A, Mendel T, Meisel HJ, Heilmann A, Kaden I, Goehre F.; Calcium Microcrystal Formation in Recurrent Herniation Patients After Autologous Disc Cell Transplantation; *Tissue Eng Regen Med.* 2017 Sep 22;14(6):803-814. doi: 10.1007/s13770-017-0076-8. eCollection 2017 Dec.
- Yoon ST, Konopka JA, Wang JC, Youssef JA, Meisel HJ, Brodke DS, Park JB.; ACDF Graft Selection by Surgeons: Survey of AOSpine Members; *Global Spine J.* 2017 Aug;7(5):410-416. doi: 10.1177/2192568217699200. Epub 2017 May 31.
- Semisch M, Hagert E, Garcia-Elias M, Lluch A, Rein S.; Re: Nakamura T. Commentary on Histological assessment of the triangular fibrocartilage complex. *J Hand Surg Eur.* 2016, 41: 534-5; *J Hand Surg Eur Vol.* 2017 Jan;42(1):101-103. doi: 10.1177/1753193416672353.
- Lattauschke A, Klauke F, Ullrich BW, Hofmann GO, Mendel T.; [Course of operative treatment of a sacral insufficiency fracture : Successful or serious treatment?]; *Unfallchirurg.* 2017 Oct;120(10):890-895. doi: 10.1007/s00113-017-0403-5.
- Houschyar KS, Nietzsche I, Siemers F.; The Use of a Cytokine Adsorber (CytoSorb) in a Patient with Septic Shock and Multi-Organ Dysfunction (MODS) after a Severe Burn Injury; *Handchir Mikrochir Plast Chir.* 2017 Apr;49(2):123-126. doi: 10.1055/s-0042-111965. Epub 2016 Dec 8.
- Preißler S, Thielemann D, Dietrich C, Hofmann GO, Miltner WHR, Weiss T.; Preliminary Evidence for Training-Induced Changes of Morphology and Phantom Limb Pain; *Front Hum Neurosci.* 2017 Jun 2011:319. doi: 10.3389/fnhum.2017.00319. eCollection 2017.
- Gergs U, Ihlefeld D, Clauss T, Weiss M, Pönicke K, Hofmann GO, Neumann J.; Population Pharmacokinetics of Levofloxacin in Plasma and Bone of Patients Undergoing Hip or Knee Surgery; *Clin Pharmacol Drug Dev.* 2018 Sep;7(7):692-698. doi: 10.1002/cpdd.418. Epub 2017 Dec 18.
- Ludtka C, Schwan S, Friedmann A, Brehm W, Wiesner I, Goehre F.; Micro-CT evaluation of asymmetrical ovine intervertebral disc height loss from surgical approach; *Eur Spine J.* 2017 Aug;26(8):2031-2037. doi: 10.1007/s00586-017-5024-8. Epub 2017 Mar 13.
- Tschugg A, Diepers M, Steinert S, Michnacs F, Quirbach S, Strowitzki M, Meisel HJ, Thomé C.; Erratum to: A prospective randomized multicenter phase I/II clinical trial to evaluate safety and efficacy of NOVOCART disk plus autologous disk chondrocyte transplantation in the treatment of nucleotomized and degenerative lumbar disks to avoid secondary disease: safety results of Phase I-a short report; *Neurosurg Rev.* 2017 Jan;40(1):177. doi: 10.1007/s10143-016-0787-7.
- Duscher D, Maan ZN, Luan A, Aitzetmüller MM, Brett EA, Atashroo D, Whittam AJ, Hu MS, Walmsley GG, Houschyar KS, Schilling AF, Machens HG, Gurtner GC, Longaker MT, Wan DC.; Ultrasound-assisted liposuction provides a source for functional adipose-derived stromal cells; *Cytotherapy.* 2017 Dec;19(12):1491-1500. doi: 10.1016/j.jcyt.2017.07.013. Epub 2017 Sep 13.
- Eitner A, Pester J, Vogel F, Marintschev I, Lehmann T, Hofmann GO, Schaible HG.; Pain sensation in human osteoarthritic knee joints is strongly enhanced by diabetes mellitus; *Pain.* 2017 Sep;158(9):1743-1753. doi: 10.1097/j.pain.0000000000000972.
- Harhaus L, Hirche C, Giunta RE, Aszmann O, Siemers F, Kneser U, Lehnhardt M.; [Strategies on the treatment of nerve injuries accompanied by severe soft tissue damage - Consensus statement of the German-Speaking Society for Microsurgery of Peripheral Nerves and Vessels]; *Handchir Mikrochir Plast Chir.* 2017 Sep;49(4):257-266. doi: 10.1055/s-0043-111408. Epub 2017 Jun 22.
- Hallbauer J, Gräfenstein A, Rausch S, Knoke M, Simons P, Mückley T, Hofmann GO, Klos K.; Biomechanical analysis of polyaxial locking vs. non-locking plate fixation of unstable fractures of the distal fibula: A

cadaver study with a bone only model; *Foot Ankle Surg.* 2018 Aug24(4):326-329. doi: 10.1016/j.fas.2017.03.008. Epub 2017 Mar 30.

Goehre F, Ludtka C, Hamperl M, Friedmann A, Straube A, Mendel T, Heilmann A, Meisel HJ, Schwan S.; Micro-computed tomography, scanning electron microscopy and energy X-ray spectroscopy studies of facet joint degeneration: A comparison to clinical imaging; *Micron.* 2017 Sep100:50-59. doi: 10.1016/j.micron.2017.04.011. Epub 2017 May 1.

Lindner D, Schlothofer-Schumann K, Kern BC, Marx O, Müns A, Meixensberger J.; Cranioplasty using custom-made hydroxyapatite versus titanium: a randomized clinical trial; *J Neurosurg.* 2017 Jan126(1):175-183. doi: 10.3171/2015.10.JNS151245. Epub 2016 Feb 26.

Houschyar KS, Philipps HM, Duscher D, Rein S, Weissenberg K, Nietzschmann I, Maan ZN, Pyles MN, Siemers F.; [The Body Dysmorphic Disorder in Plastic Surgery - A Systematic Review of Screening Methods]; *Handchir Mikrochir Plast Chir.* 2017 Dec49(6):415-422. doi: 10.1055/s-0043-113568. Epub 2017 Aug 1.

Lao L, Cohen JR, Buser Z, Brodke DS, Yoon ST, Youssef JA, Park JB, Meisel HJ, Wang JC.; Trends Analysis of rhBMP2 Utilization in Single-Level Anterior Lumbar Interbody Fusion in the United States; *Global Spine J.* 2018 Apr8(2):137-141. doi: 10.1177/2192568217701119. Epub 2017 May 16.

Spahn G, Fritz J, Albrecht D, Angele P, Fickert S, Aurich M, Hofmann GO, Niemeyer P.; [Coincidence and Therapy of Dysalignments and Degenerative Knee Cartilage Lesions. Results from the German CartilageRegistry DGOU]; *Z Orthop Unfall.* 2017 Aug155(4):457-467. doi: 10.1055/s-0043-108649. Epub 2017 May 18.

Tschugg A, Diepers M, Simone S, Michnacs F, Quirbach S, Strowitzki M, Meisel HJ, Thomé C.; A prospective randomized multicenter phase I/II clinical trial to evaluate safety and efficacy of NOVOCART disk plus autologous disk chondrocyte transplantation in the treatment of nucleotomized and degenerative lumbar disks to avoid secondary disease: safety results of Phase I-a short report; *Neurosurg Rev.* 2017 Jan40(1):155-162. doi: 10.1007/s10143-016-0781-0. Epub 2016 Aug 27.

Lao L, Cohen JR, Buser Z, Brodke DS, Youssef JA, Park JB, Yoon ST, Wang JC, Meisel HJ.; Trends Analysis of rhBMP Utilization in Single-Level Posterior Lumbar Interbody Fusion in the United States; *Global Spine J.* 2017 Oct7(7):624-628. doi: 10.1177/2192568217699387. Epub 2017 Jun 30.

Takahashi S, Buser Z, Cohen JR, Roe A, Myhre SL, Meisel HJ, Brodke DS, Yoon ST, Park JB, Wang JC, Youssef JA.; Complications Related to the Recombinant Human Bone Morphogenetic Protein 2 Use in Posterior Cervical Fusion; *Clin Spine Surg.* 2017 Nov30(9):E1269-E1273. doi: 10.1097/BSD.0000000000000443.

Hindoyan K, Tilan J, Buser Z, Cohen JR, Brodke DS, Youssef JA, Park JB, Yoon ST, Meisel HJ, Wang JC.; A Retrospective Analysis of Complications Associated With Bone Morphogenetic Protein 2 in Anterior Lumbar Interbody Fusion; *Global Spine J.* 2017 Apr7(2):148-153. doi: 10.1177/2192568217694010. Epub 2017 Apr 6.

Gras F, Marintschev I, Grossterlinden L, Rossmann M, Graul I, Hofmann GO, Rueger JM, Lehmann W.; The Anterior Intrapelvic Approach for Acetabular Fractures Using Approach-Specific Instruments and an Anatomical-Preshaped 3-Dimensional Suprapectineal Plate; *J Orthop Trauma.* 2017 Jul31(7):e210-e216. doi: 10.1097/BOT.0000000000000829.

Wölfel S, Speck S, Essbauer S, Thoma BR, Mertens M, Werdermann S, Niederstrasser O, Petri E, Ulrich RG, Wölfel R, Dobler G.; High seroprevalence for indigenous spotted fever group rickettsiae in forestry

- workers from the federal state of Brandenburg, Eastern Germany; *Ticks Tick Borne Dis.* 2017 Jan8(1):132-138. doi: 10.1016/j.ttbdis.2016.10.009. Epub 2016 Oct 22.
- Myhre SL, Buser Z, Meisel HJ, Brodke DS, Yoon ST, Wang JC, Park JB, Youssef JA.; Trends and Cost of Posterior Cervical Fusions With and Without Recombinant Human Bone Morphogenetic Protein-2 in the US Medicare Population; *Global Spine J.* 2017 Jun7(4):334-342. doi: 10.1177/2192568217699188. Epub 2017 Apr 7.
- Alobaidan R, Cohen JR, Lord EL, Buser Z, Yoon ST, Youssef JA, Park JB, Brodke DS, Wang JC, Meisel HJ.; Complication Rates in Posterior Lumbar Interbody Fusion (PLIF) Surgery With Human Bone Morphogenetic Protein 2: Medicare Population; *Global Spine J.* 2017 Dec7(8):770-773. doi: 10.1177/2192568217696695. Epub 2017 May 16.
- Spahn G, Plettenberg H, Hoffmann M, Klemm HT, Brochhausen-Delius C, Hofmann GO.; The frequency of cartilage lesions in non-injured knees with symptomatic meniscus tears: results from an arthroscopic and NIR- (near-infrared) spectroscopic investigation; *Arch Orthop Trauma Surg.* 2017 Jun137(6):837-844. doi: 10.1007/s00402-017-2672-4. Epub 2017 Apr 10.
- Löbner M, Stein J, Lupp M, Konnopka A, Meisel HJ, Günther L, Meixensberger J, Stengler K, Angermeyer MC, König HH, Riedel-Heller SG.; Choosing the right rehabilitation setting after herniated disc surgery: Motives, motivations and expectations from the patients' perspective; *PLoS One.* 2017 Aug 2212(8):e0183698. doi: 10.1371/journal.pone.0183698. eCollection 2017.
- Bader A, Reinhardt M, Beuthe A, Röhl K, Giri S.; Therapy of an incomplete spinal cord injury by intrathecal injection of EPO and subcutaneous injection of EPO, vitamin C and G-CSF; *Ther Clin Risk Manag.* 2017 Nov 2713:1183-1188. doi: 10.2147/TCRM.S130627. eCollection 2017.
- Klemm HT, Naumann A, Hofmann G, Spahn G.; [Prognostic assessment in private healthcare insurance part 2 : Risk supplement for accidental endoprostheses]; *Unfallchirurg.* 2017 Jan120(1):81-84. doi: 10.1007/s00113-016-0273-2.
- Bergmann A, Bolm-Audorff U, Ditchen D, Ellegast R, Grifka J, Haerting J, Hofmann F, Jäger M, Linhardt O, Luttmann A, Meisel HJ, Michaelis M, Petereit-Haack G, Schumann B, Seidler A.; Do Occupational Risks for Low Back Pain Differ From Risks for Specific Lumbar Disc Diseases?: Results of the German Lumbar Spine Study (EPILIFT); *Spine (Phila Pa 1976).* 2017 Oct 1542(20):E1204-E1211. doi: 10.1097/BRS.0000000000002296.
- Herold J, Herold-Vlanti V, Sherif M, Luani B, Breyer C, Bonaventura K, Braun-Dullaeus R.; Analysis of cardiovascular mortality, bleeding, vascular and cerebrovascular events in patients with atrial fibrillation vs. sinus rhythm undergoing transfemoral Transcatheter Aortic Valve Implantation (TAVR); *BMC Cardiovasc Disord.* 2017 Dec 2017(1):298. doi: 10.1186/s12872-017-0736-6.
- Struck MF, Hilbert-Carius P, Hossfeld B, Hinkelbein J, Bernhard M, Wurmb T.; [Anaesthesia procedures and invasive vascular access in severely injured patients at trauma room admission in Germany : An online survey]; *Anaesthesist.* 2017 Feb66(2):100-108. doi: 10.1007/s00101-016-0258-0. Epub 2017 Jan 11.
- Sunami Y, Rebelo A, Kleeff J.; Lipid Metabolism and Lipid Droplets in Pancreatic Cancer and Stellate Cells; *Cancers (Basel).* 2017 Dec 2310(1):3. doi: 10.3390/cancers10010003.
- Warner FM, Cragg JJ, Jutzeler CR, Röhrich F, Weidner N, Saur M, Maier DD, Schuld C, EMSCI Sites Curt A, Kramer JK.; Early Administration of Gabapentinoids Improves Motor Recovery after Human Spinal Cord Injury; *Cell Rep.* 2017 Feb 1418(7):1614-1618. doi: 10.1016/j.celrep.2017.01.048.