

Jahresbericht 2014

UNIVERSITÄTSKLINIK FÜR ORTHOPÄDISCHE CHIRURGIE
INSELSPITAL BERN

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Personelles

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Medizinische Dokumentarin

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Forschung und Lehre

Preise/Ehrungen

Venel Preis:

74. Jahreskongress der swiss orthopaedics (SGOT) 2014, St. Gallen, Switzerland, June 25-27, 2014.

Albers CE, Hofstetter W, Siebenrock KA, Landmann R, Klenke FM

In vitro cytotoxicity of silver nanoparticles on osteoblasts and osteoclasts at antibacterial concentrations.

Jubiläumspreis 2014 der Schweizerischen Gesellschaft für Radiologie:

Dietrich TJ, Moor BK, Puskas GJ, Pfirrmann CW, Hodler J, Peterson CK

Is the Lateral Extension of the Acromion Related to the Outcome of Shoulder Injections?

3rd prize for best oral presentation:

European Society of Trauma & Emergency Surgery (ESTES), Frankfurt, Germany, 24.-27.5.2014.

Keel MJB

Management of acetabular fractures through the Pararectus approach: Anatomic reduction confirmed by computer tomography and clinical results after two years.

Aircast Award for Basic Science Research:

American Society for Sports Medicine

Ma R, Schaer M, Chen T, Sisto M, Voigt C, Ying L, Deng X, Rodeo S

The Effect of Dynamic Changes in ACL Graft Force on Soft Tissue ACL Graft-Tunnel Incorporation.

Faculty Award of the University of Bern:

Zumstein MA (as Principal Investigator and Coauthor)

“Extra-articular Step Osteotomy of the Olecranon: A Biomechanical Assessment”, Anne Sophie Massy, University of Bern.

Kompetitive Drittmittel

AO Spine Int.

Ferguson S, *Benneker LM*

Biomechanical determination of target properties for an annulus repair implant – Extension

Betrag: CHF 189'000.-

Dauer: 2013-2016

Gebert Rüt Stiftung

Gantenbein B, *Benneker LM*, Keel MJB

Application of Genetically-Engineered “GDF-5-Silk” for Intervertebral Disc Repair

Betrag: CHF 297'000.-

Dauer: 2014 – 2017

Forschungs-Grants des Inselspitals / Universitätsspitals Bern für Nachwuchsforschende

Attinger MC

Ankle joint pressure in ankle fractures with lateral talar shift – Correlation between medial clear space and tibiotalar contact area. Biomechanisches Forschungsprojekt mit der AO Foundation

Betrag: CHF 8'000.-

Dauer: 2014 - 2016

Forschungs-Grants des Inselspitals / Universitätsspitals Bern für Nachwuchsforschende

Ecker T

Effizienz und Genauigkeit der computer-assistierten Stellungskorrektur des

Azetabulums bei der periazetabulären Osteotomie

Betrag: CHF 80'000.-

Dauer: 2014 - 2015

Forschungs-Grants des Inselspitals / Universitätsspitals Bern für Nachwuchsforschende

Hoppe S, *Benneker LM*

MRI Classification of the annulus fibrosus of the intervertebral disc

Betrag: CHF 80'000.-

Dauer: 2014 - 2016

Kommission für Technologie und Innovation KTI

Kohlhof H, *Kohl S*, Keel M

Umsetzpartner: Bosshard A, Ortho-Team AG Bern

Pelvic-Spider: Entwicklung eines neuen dynamischen Becken-Kompressionsgurtes zur initialen Versorgung von Frakturen des Beckens

Betrag: CHF 394'350.-

Dauer: 2012 - 2014

Kommission für Technologie und Innovation KTI

Kohl S

„LigaFusion“ Implantat zur Heilungsunterstützung eines gerissenen menschlichen Ligaments

Betrag: CHF 1'397'400.-

Dauer: 2012 – 2015

Osteology Foundation

Hunziker EB

Osteogenic functionalization of collagenous membranes and their time-controlled degradation

Betrag: CHF 100'000.-

Dauer: 2012-2014

3R Research Foundation

Hunziker EB

Establishment of an invitro organ-slice defect model for meniscal repair in orthopaedic research

Betrag: CHF 89'980.-

Dauer: 2012 - 2014

Neuenschwander Stiftung

Zumstein MA

The Role of PARP1/ARTD1 in Rotator Cuff Tears: An Experimental Study in Knock Out Mice

Betrag: CHF 90'000.-

Dauer: 2013 – 2014

RMS Foundation

Moor B, Schär M, Zumstein MA

The Impact Of The Critical Shoulder Angel On Degenerative Glenohumeral Joint Disorders – A Biomechanical Analysis

Betrag: CHF 26'500.-

Dauer: 2014 - 2015

RMS Foundation

Steppacher SD, Beck M, Büchler L, Theng G, Tannast M, Siebenrock KA

Conventional versus less-invasive anterior total hip arthroplasty: Anatomical-referenced accuracy of the RM-pressfit cup orientation

Betrag: CHF 25'000.-

Dauer: 2014 – 2015

Mathys AG

Zumstein MA

Influence of Cementing Techniques in Anatomic Total Shoulder Arthroplasty

Betrag: CHF 50'000.-

Dauer: 2014

RMS Foundation

Kohl S

Anterior Crucial Ligament Rupture: Healing through Dynamic Intraligamentary Stabilization (DIS)

Betrag: CHF 80'000.-

Dauer: 2014

Schweizerische Gesellschaft für Fusschirurgie SFAS

Krause F

Changes in ankle joint pressure after proximal tibial and distal femoral corrective osteotomies

Betrag: CHF 15'000.-

Dauer: 2014 - 2015

Schweizerische Gesellschaft für Orthopädie und Traumatologie SGOT

Attinger MC

Ankle joint pressure in ankle fractures with lateral talar shift – Correlation between medial clear space and tibiotalar contact area. Biomechanisches Forschungsprojekt mit AO Foundation.

Betrag: CHF 15'000.-

Dauer: 2014 – offen

Schweizerische Gesellschaft für Orthopädie und Traumatologie SGOT

Büchler L, Beck M

Langzeit-Beobachtung des Hüftgelenk-Knorpels nach chirurgischer Hüftluxation bei Patienten mit femoroacetabulären Impingement mittels MRI

Betrag: CHF 20'000.-

Dauer: 2012 - 2015

Schweizerische Gesellschaft für Orthopädie und Traumatologie SGOT

Moor B, Schär M, Zumstein MA

The Impact Of The Critical Shoulder Angle On Degenerative Glenohumeral Joint Disorders

Betrag: CHF 20'000.-

Dauer: 2014 - 2015

Schweizerische Gesellschaft für Orthopädie und Traumatologie SGOT

Moor B

Step osteotomy of the olecranon: Evaluation of a new targeting device

Betrag: CHF 20'000.-

Dauer: 2014 - 2015

Schweizerische Gesellschaft für Orthopädie und Traumatologie SGOT

Ahmad SS

Biological trigger in the repair of the anterior cruciate ligament

Betrag: CHF 20'000.-

Dauer: 2014 – 2015

Schweizerische Gesellschaft für Orthopädie und Traumatologie SGOT

Zumstein MA

The Role of PARP1/ARTD1 in Rotator Cuff Tears: An Experimental Study in Knock Out Mice

Betrag: CHF 50'000.-

Dauer: 2013 – 2015

Schweizerischer Nationalfonds SNF

Klenke FM, Hofstetter W

Biofunctionalization of β -TCP ceramics for the repair of osseous defects.

Betrag: CHF 250'000.-

Dauer: 2011 - 2014

Schweizerischer Nationalfonds SNF

Zysset P, Benneker LM, Gantenbein B, Vermathen P

Biomechanical evaluation of the degenerating intervertebral disk using MRI-based finite element analysis

Betrag: CHF 262'960.-

Dauer: 2013 - 2016

Schweizerischer Nationalfonds SNF

Mamisch TC, Siebenrock KA

Delayed gadolinium-enhanced magnetic resonance imaging of cartilage (dGEMRIC) to assess outcome of treatment for femoro-acetabular impingement (FAI)

Betrag: CHF 215'101.-

Dauer: 2012 - 2014

Schweizerischer Nationalfonds SNF

Gantenbein B, Benneker LM

Exploring the mechanism of torsion-compression induced intervertebral disc degeneration and herniation in organ culture.

Betrag: CHF 311'687.-

Dauer: 2014 - 2016

Smith & Nephew AG

Kohl S, Ahmad SS

Knee Revision Database

Betrag: CHF 123'475.-

Dauer: 2014

Stiftung Osteoporose

Hunziker R

Anabole Lokalthherapie der Osteoporose

Betrag: CHF 25'000.-

Dauer: 2014

Swiss National Science Professorship

Tannast M

Femoroacetabular impingement – from an experimental sheep model to patient care

Betrag: CHF 1'164'517.-

Dauer: 2013 - 2017

Verschiedene Beiträge

Hunziker R

Articular Cartilage Repair

Betrag: CHF 175'000.-

Dauer: 2014

Aghayev E, Zuellig N, Diel P, Dietrich D, *Benneker LM*: Development and validation of a quantitative method to assess pedicle screw loosening in posterior spine instrumentation on plain radiographs. *Eur Spine J*. 2014 Mar; 23(3):689-94. **(IF 2.473/MR 0.831)**

Ahmad SS, Evangelopoulos DS, Abbasian M, Röder C, *Kohl S*: The hundred most-cited publications in orthopaedic knee research. *J Bone Joint Surg Am*. 2014 Nov 19;96(22):e190. **(IF 4.309/MR 0.969)**

Bastian JD, Butscher A, Bigolin G, *Zumstein MA*, Nötzli HP: Extracortical plate fixation with new plate inserts and cerclage wires for the treatment of periprosthetic hip fractures. *Int Orthop*. 2014 Mar;38(3):489-94. **(IF 2.019/MR 0.677)**

Bastian JD, *Tomagra S*, Schuster AJ, Werlen S, Jakob RP, *Zumstein MA*: ACL reconstruction with physiological graft tension by intraoperative adjustment of the anteroposterior translation to the uninjured contralateral knee. *Knee Surg Sports Traumatol Arthrosc*. 2014 May; 22(5):1055-60. **(IF 2.837/MR 0.887)**

Benneker LM, Roenn C, Aghayev E, Exadaktylos EK, Sturzenegger M, Andrson SE, Heini PF: Psychometric Properties of the German Version of the Whiplash Disability Questionnaire. *J Spine* . 2014 Jan 26;3(155). **(IF 2.800/MR 0.846)**

Bouaicha S, Ehrmann C, Slankamenac K, Regan WD, *Moor BK*: Comparison of the critical shoulder angle in radiographs and computed tomography. *Skeletal Radiol*. 2014 Aug;43(8):1053-6. **(IF 1.743/MR 0.525)**

Choy J, *Albers CE*, *Siebenrock KA*, Dolder S, Hofstetter W, *Klenke FM*: Incorporation of RANKL promotes osteoclast formation and osteoclast activity on β -TCP ceramics. *Bone*. 2014 Dec;69:80-8. **(IF 4.461/MR 0.793)**

Diaz-Romero J, Quintin A, Schoenholzer E, Pauli C, Despont A, *Zumstein M*, *Kohl S*, *Nesic D*: S100A1 and S100B expression patterns identify differentiation status of human articular chondrocytes. *J Cell Physiol*. 2014 Aug;229(8):1106-17. **(IF 3.874/MR 0.840)**

Gantenbein B, Calandriello E, Wuertz-Kozak K, *Benneker LM*, *Keel MJB*, Chan SCW: Activation of Intervertebral Disc Cells by Co-culture with Notochordal Cells, Conditioned Medium and Hypoxia. *BMC Musculoskelet Disord*. 2014 Dec 11;15:422. **(IF 1.898/MR 0.631)**
Doi:10.1186/1471-2474-15-422.

Glynn AA, Barattiero FY, *Albers CE*, *Hanke MS*, *Steppacher SD*, *Tannast M*: Surgical hip dislocation does not result in atrophy or fatty infiltration of periarticular hip muscles. *J Hip Preserv Surg*. 2014 Oct; 1 (2): 82-95.

Hoppe S, Uhlmann M, Schwyn R, Suhm N, *Benneker LM*: Intraoperative Mechanical Measurement of Bone Quality With the DensiProbe. *J Clin Densitom*. 2014 Jul 31. pii: S1094-6950(14)00175-9.

Hartel MJ, Loosli Y, Delfosse D, Diel P, Thali M, Ross S, *Kohl S*, Eggli S: The influence of tibial morphology on the design of an anatomical tibial baseplate for TKA. *Knee*. 2014 Mar;21(2):415-9. **(IF 1.702/MR 0.604)**

Hoppe S, Loosli Y, Baumgartner D, Heini P, *Benneker LM*: Influence of Screw Augmentation in Posterior Dynamic and Rigid Stabilization Systems in Osteoporotic Lumbar Vertebrae: A Biomechanical Cadaveric Study. *Spine (Phila Pa 1976)*. 2014 Mar 15;39(6):E384-9. **(IF 2.447/MR 0.785)**

Keel MJ, Tomagra S, Bonel HM, Siebenrock KA, Bastian JD: Clinical results of acetabular fracture management with the Pararectus approach. *Injury*. 2014 Dec;45(12):1900-7. **(IF 2.462/MR 0.84)**

Kohl S, Evangelopoulos DS, Ahmad SS, Kohlhof H, Herrmann G, Bonel H, Eggli S: A novel technique, dynamic intraligamentary stabilization creates optimal conditions for primary ACL healing: a preliminary biomechanical study. *Knee*. 2014 Mar;21(2):477-80. **(IF 1.702/MR 0.604)**

Kohl S, Stutz C, Decker S, Ziebarth K, Slongo T, Ahmad SS, Kohlhof H, Eggli S, Zumstein MA, Evangelopoulos DS: Mid-term results of transphyseal anterior cruciate ligament reconstruction in children and adolescents. *Knee*. 2014 Jan;21(1):80-5. **(IF 1.702/MR 0.604)**

Maquer G, Brandejsky V, Benneker LM, Watanabe A, Vermathen P, Zysset PK: Human intervertebral disc stiffness correlates better with the Otsu threshold computed from axial T2 map of its posterior annulus fibrosus than with clinical classifications. *Med Eng Phys*. 2014 Feb;36(2):219-25. **(IF 1.839/MR 0.581)**

Mica L, Keller C, Vomela J, Trentz O, Plecko M, Keel MJ: The Impact of body mass index and gender on the development of infectious complications in polytrauma patients. *Eur J Trauma Emerg Surg*. 2014; 40:573-579. **(IF 0.380/MR 0.200)**

Moor BK, Wieser K, Slankamenac K, Gerber C, Bouaicha S: Relationship of individual scapular anatomy and degenerative rotator cuff tears. *J Shoulder Elbow Surg*. 2014 Apr;23(4):536-41. **(IF 2.365/MR 0.800)**

Moor BK, Röthlisberger M, Müller DA, Zumstein MA, Ehlinger M, Bouaicha S, Gerber C: Age, Trauma and the Critical Shoulder Angle accurately predict Supraspinatus Tendon Tears. *Orthop Traumatol Surg Res*. 2014 Sep;100(5):489-94. **(IF 1.168/MR 0.415)**

Seiler C, Gazdhar A, Reyes M, Benneker LM, Geiser T, Siebenrock KA, Gantenbein-Ritter B: Time-lapse microscopy and classification of 2D human mesenchymal stem cells based on cell shape picks up myogenic from osteogenic and adipogenic differentiation. *J Tissue Eng Regen Med*. 2014 Sep;8(9):737-46. **(IF 4.428/MR 0.946)**

Siebenrock KA, Schaller C, Tannast M, Keel M, Büchler L: Anteverting periacetabular osteotomy for symptomatic acetabular retroversion: results at ten years. *J Bone Joint Surg Am*. 2014 Nov 5;96(21):1785-92. **(IF 4.309/MR 0.969)**

Steppacher SD, Huemmer C, Schwab JM, Tannast M, Siebenrock KA: Surgical hip dislocation for treatment of femoroacetabular impingement: factors predicting 5-year survivorship. *Clin Orthop Relat Res*. 2014 Jan; 472 (1): 337-48. **(IF 2.882/MR 0.892)**

Steppacher SD, Lerch TD, Gharanizadeh K, Liechti EF, Werlen SF, Puls M, Tannast M, Siebenrock KA: Size and Shape of the Lunate Surface in Different Types of Pincer Impingement: Theoretical Implications for Surgical Therapy. *Osteoarthritis Cartilage*. 2014 Jul;22(7):951-8. **(IF 4.663/MR 0.985)**

Tannast M, Pfander G, Steppacher SD, Mast JW, Ganz R: Total acetabular retroversion following pelvic osteotomy: presentation, management, and outcome. *Hip Int*. 2013 Nov-Dec;23 Suppl 9:S14-26. **(IF 0.763/MR 0.277)**

Zumstein MA, Rumian A, Lesbats V, Schaer M, Boileau P: Increased vascularization during early healing after biologic augmentation in repair of chronic rotator cuff tears using autologous leukocyte- and platelet-rich fibrin (L-PRF): a prospective randomized controlled pilot trial. *J Shoulder Elbow Surg*. 2014 Jan;23(1):3-12. **(IF 2.365/MR 0.800)**

Originalarbeiten Kollaborationen

Dietrich TJ, Moor BK, Puskas GJ, Pfirrmann CW, Hodler J, Peterson CK: Is the lateral extension of the acromion related to the outcome of shoulder injections? *Eur Radiol.* 2015 Jan;25(1):267-73. **(IF 4.338/MR 0.900)**

Fayaz HC, Haas N, Kellam J, Bavonratanavech S, Pravizi J, Dyer G, Pohlemann T, Jerosch J, Prommersberger KJ, Pape HC, Smith M, Vrahas M, Perka C, Siebenrock K, Elhassan B, Moran C, Jupiter JB: Improvement of research quality in the fields of orthopaedics and trauma: a global perspective. *Int Orthop.* 2013 Jul;37(7):1205-12. **(IF 2.019/MR 0.677)**

Gross M, Bieri K, Hoppeler H, Norman B, Vogt M: Beta-Alanine Supplementation Improves Jumping Power and Affects Severe-Intensity Performance in Professional Alpine Skiers. *Int J Sport Nutr Exerc Metab.* 2014 Dec;24(6):665-73. **(IF 1.982/MR 0.700)**

Hasler RM, Srivastava D, Aghayev E, Keel MJ, Exadaktylos AK, Schnüriger B: First results from a Swiss level I trauma centre participating in the UK Trauma Audit and Research Network (TARN): prospective cohort study. *Swiss Med Wkly.* 2014 Feb 13;144:w13910. **(IF 1.877 /MR 0.678)**

Maqungo S, Horn A, Bernstein B, Keel M, Roche S: Distal inter-locking screw placement in the femur: Free-hand versus electromagnet assisted technique (Surehot). *J Orthop Trauma* 2014;28(12):e281-3. **(IF 1.540/MR 0.550)**

Mica L, Vomela J, Keel M, Trentz O: The impact of body mass index on the development of systemic inflammatory response syndrome and sepsis in patients with polytrauma. *Injury* 2014;45(1):253-8. **(IF 2.462/MR 0.840)**

Pattappa G, Peroglio M, Sakai D, Mochida J, Benneker LM, Alini M, Grad S: CCL5/RANTES is a key chemoattractant released by degenerative intervertebral discs in organ culture. *Eur Cell Mater.* 2014 Feb 6;27:124-36; discussion 136. **(IF 4.887/MR 0.959)**

Übrige Publikationen (ohne Abstracts, z.B. Buchbeiträge, Artikel in nicht indextierten Zeitschriften, Reviews, Case Reports)

Albers CE, Steppacher SD, Tannast M, Siebenrock KA: Surgical Technique: Reverse Periacetabular Osteotomy. In: Nho SJ, Leunig M, Larson CM, Bedi A, Kelly BT, eds. Hip Arthroscopy and Hip Joint Preservation Surgery. New York, NY: Springer; 2014:637-651.

Attinger MC, Behrend H, Jost B: Complete rupture of the popliteal artery complicating high tibial osteotomy. J Orthop. 2014 (12); 11(4): 192–196.

Attinger MC, Siebenrock KA: Hüftgelenkersatzoperationen: Grenze zwischen Normalverlauf und Komplikation. Praxis (Bern 1994). 2014 Nov 26;103(24):1439-46.

Bain GI, McGuire D, Lee YC, Eng K, *Zumstein MA*: Anatomic Foveal Reconstruction of the Triangular Fibrocartilage Complex With a Tendon Graft. Tech Hand Up Extrem Surg. 2014 Jun;18(2):92-7.

Beck M, *Büchler L*, Ganz R, Leunig M: Chapter 6: Anatomy of the proximal femur. In: John Clohisy, ed. The Adult Hip: Hip Preservation Surgery. Third edition. Wolters Kluwer, 2014: EndFragment.

Benneker LM, Anderson G, Iatridis J, Sakai D, Haertl R, Ito K, Grad S: Cell therapy for intervertebral disc repair: advancing cell therapy from bench to clinics. Eur Cell Mater. 6;27:5-11.

Benneker LM: Effekt einer Kombination von Biomaterialien und Zellen zur Erhaltung der Bandscheibe nach Annulotomie. Orthopädische Nachrichten, Wirbelsäule Spezialausgabe, Biermann Verlag GmbH, Köln, Deutschland, Dezember, 2014.

Dohan Ehrenfest DM, Andia I, *Zumstein MA*, Zhang CQ, Pinto NR, Bielecki T: Classification of platelet concentrates (Platelet-Rich Plasma-PRP, Platelet-Rich Fibrin-PRF) for topical and infiltrative use in orthopedic and sports medicine: current consensus, clinical implications and perspectives. Muscles Ligaments Tendons J. 2014 May 8;4(1):3-9.

Ecker TM, Tannast M, Puls M: Computer-assisted Orthopaedic Surgery. In: Intraoperative Imaging and Image Guided Therapy, Jolesz F, ed. Springer Science and Business Media, New York, NY, USA; 2014.

Ecker T, Puls M, Siebenrock KA: Experimental models of femoroacetabular impingement. In: The Adult Hip: Hip Preservation Surgery 3e, Clohisy JC, Beaulé PE, Della Valle CJ, eds. Alphen aan den Rijn, Netherlands: Wolters Kluwer, 2014:460-476.

Hunziker EB, Lippuner K, Shintani N: How best to preserve and reveal the structural intricacies of cartilaginous tissue. Matrix Biol. 2014 Oct;39:33-43.

Keel MJ: Alternative Möglichkeiten bei Beckendiskontinuität. Orthopädie & Rheumatologie. Leading Opinion 2014;1:34-8.

Keleg S, Titov A, Heller A, Giese T, Tjaden C, Ahmad SS, Gaida MM, Bauer AS, Werner J, Giese NA: Chondroitin sulfate proteoglycan CSPG4 as a novel hypoxia-sensitive marker in pancreatic tumors. PLoS One. 2014 Jun 16;9(6):e100178.

Klenke FM, Wirtz C, Banz Y, Keel MJB, Klass ND, Novak U, Benneker LM: Multiple myeloma-associated amyloidoma of the sacrum: case report and review of the literature. Global Spine J;4(2):109-14, 2014.

- Kohl S, Ahmad S: Die Vordere Kreuzbandruptur – und sie heilt doch! Schlaglichter der Orthopädie. *Schweiz Med Forum* 2014;14(3):41-42.
- Krause F, Schmid T: Die Osteotomien zur Behandlung des erworbenen Plattfusses. *Fuss & Sprunggelenk*. 2014;12(1):15-26.
- Liu L, Ecker T, Schumann S, Siebenrock K, Nolte L, Zheng G: Computer assisted planning and navigation of periacetabular osteotomy with range of motion optimization. *Med Image Comput Assist Interv*. 2014 ;17(Pt 2):643-50.
- Ma R, Schaer M, Hogan M, Demange M, Rodeo SA: The use of orthobiologics in sports medicine: The clinical application of platelet-rich plasma and stem cell therapy. In: Miller MD, Thompson SR, ed. *DeLee & Drez's Orthopaedic Sports Medicine: Principles and Practice*; 2014; 4th edition. Philadelphia, Elsevier, 2014:55-65.
- Schaer M, Moor BK, Zumstein MA: The Role of Growth Factors & Stem Cells in Rotator Cuff Repairs: Where are we Today? In: Boileau P, (ed). *Shoulder Concepts 2014: Arthroscopy & Arthroplasty*, Sauramps Médical, Montpellier, France.
- Schmid T, Krause FG: The modified Lapidus fusion. *Foot Ankle Clin*. 2014 Jun;20(5):223-33.
- Schwienbacher S, Bieri K, Ahmad SS, Kleer B, Stergios Evangelopoulos D, Schär M, Müller T, Kohl S: Biological treatment options in knee disorders. *Minerva Orthop Traumatol* 2014;65(2):163-70.
- Seidel U: Expert's comment concerning Grand Rounds case entitled "Late collapse osteoporotic vertebral fracture in an elderly patient with neurological compromise" (Ruiz Picazo D, Ramírez Villaescusa J, Portero Martínez E, Doñate Pérez F). *Eur Spine J*. 2014 Dec;23(12):2703-4.
- Sendi P, Moor BK, Zumstein MA: Periprosthetic Joint Infection after Shoulder Arthroplasty. In: Zimmerli W, ed. *Bone and Joint Infections: From Microbiology to Diagnostics and Treatment*. Wiley-Blackwell, 2014.
- Siebenrock KA, Attinger M, Steppacher SD, Tannast M: Femoroacetabular impingement – Current understanding. In: Johari A, Luk KDK, Wadell J, eds. *Current Progress in Orthopedics 1*. Mumbai, India: Kothari Medical Subscription Services; 2014:1-26.
- Siebenrock KA, Steppacher SD, Albers CE, Haefeli PC, Tannast M: Diagnosis and management of developmental dysplasia of the hip from triradiate closure through young adulthood. *Instr Course Lect*. 2014;63:325-34.
- Steppacher SD, Anwender H, Schwab JM, Siebenrock KA, Tannast M: Femoral dysplasia. In: Callaghan JJ, Rubash HE, Rosenberg AG, Clohisy JC, Beaulé PE, Della Valle CJ, eds. *The adult hip - hip preservation surgery*. Philadelphia, PA: Wolters Kluwer; 2014:418-443.
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Ecker TM: Case Presentations – Proximal Tibia. Osteosynthesis and Trauma Care Foundation, Sion, Switzerland, September 18-19, 2014.

Fox AJ, Schaer M, Wanivenhaus F, Chen T, Attia E, Binder N, Otero-Adran M, Gilbert S, Nguyen J, Chaudhury S, Warren R, Rodeo S: Fluoroquinolones Impair Tendon-Bone Healing in a Rat Rotator Cuff Repair Model. Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, USA, March 11-15, 2014.

Haefeli P, Attinger M, Flueckiger R, Klenke F, Siebenrock KA: Acetabular reinforcement ring: only a revision implant? A minimum 20-year follow-up. European Hip Society (EHS) 11th Congress, Stockholm, Sweden, October 9-11, 2014.

Haefeli PC, Keel MJB, Siebenrock KA, Tannast M: Long-term Follow-up after surgical hip dislocation for the treatment of acetabular fractures. 74. Jahreskongress der swiss orthopaedics (SGOT) 2014, St. Gallen, Switzerland, June 25-27, 2014.

Keel MJB: New techniques in acetabular fracture management. Postgraduate Conferences, Department of Orthopaedics and Traumatology, Vrije Universiteit Brussel, Brussels, Belgium, February 20, 2014.

Keel MJB: Endocrine response after trauma – the surgeons' perspective. 3rd Swiss Trauma & Resuscitation Day (STRD), Bern, Switzerland, February 28, 2014.

Keel MJB: The Pararectus approach for anterior fixation of acetabular fractures – outcome at two years. American Association for Orthopedic Surgery (AAOS), Annual Congress, New Orleans, USA, March 11-15, 2014.

Keel MJB: Management of pelvic fractures in multiple injured patients: state of the art. Resident Course, Al Razi Orthopaedic Hospital, Kuwait, Kuwait, March 31, 2014.

Keel MJB: Hints & tricks: case of management of failed trochanteric fracture. Symposium – Periprotthetic fractures & Osteosynthesis vs arthroplasty in osteoporotic fractures, Lugano, Switzerland, May 2, 2014.

Keel MJB: The case for two incisions. 4. Hamburger Beckenkurs/2nd European Pelvic Course, Hamburg, Germany, May 14-16, 2014.

Keel MJB : Pelvic packing. 16th Cooperative Course Polytrauma Management – beyond ATLS, Frankfurt, Germany, February 24-25, 2014.

Keel MJB: Management of acetabular fractures through the Pararectus approach: Anatomic reduction confirmed by computer tomography and clinical results after two years. 15th European Congress of Trauma & Emergency Surgery (ECTES), Frankfurt, Germany, May 24-27, 2014.

Keel MJB: The first hours after admission – how I do it – How to: handle the unstable pelvis. 15th European Congress of Trauma & Emergency Surgery (ECTES), Frankfurt, Germany, May 24-27, 2014.

Keel MJB: Treatment of acetabular fractures with labral tears. 15th European Congress of Trauma & Emergency Surgery (ECTES), Frankfurt, Germany, May 24-27, 2014.

Keel MJB: Alternative approaches to the acetabulum: Pararectus approach. AO Trauma Europe Masters Course – Pelvic and Acetabular Fractures with Anatomical Specimens, Homburg, Germany, June 25-27, 2014.

Keel MJB: Initiales Management des Weichteilschadens. 18. Bieler Fortbildungstage, Schweizerische Gesellschaft für Allgemeinchirurgie und Traumatologie (SGACT) und Schweizerische Gesellschaft für Traumatologie und Versicherungsmedizin (SGTV), Biel, Schweiz, September 04-05, 2014.

Keel MJB: Special cases: pelvis and acetabulum. 1st EU Trauma Case Controversies, Lucerne, Switzerland, September 4-5, 2014.

Keel MJB: Pelvic packing – when to and how to. AO Trauma Curso de Pelvis y Acetábulo, Mar del Plata, Argentina, October 1-4, 2014.

Keel MJB: Sacral fractures. AO Trauma Curso de Pelvis y Acetábulo, Mar del Plata, Argentina 1 October 4, 2014.

Keel MJB: Periacetabular osteotomy. AO Trauma Curso de Pelvis y Acetábulo, Mar del Plata, Argentina, October 1-4, 2014.

Keel MJB: Alternative anterior approaches – Stoppa vs Pararectus. AO Trauma Curso de Pelvis y Acetábulo, Mar del Plata, Argentina, October 1-4, 2014.

Keel MJB: ORIF: anterior wall, anterior column, anterior column with posterior hemitransverse. AO Trauma Curso de Pelvis y Acetábulo, Mar del Plata, Argentina, October 1-4, 2014.

Keel MJB: Emergency Room – Damage Control Protocol. Damage Control Orthopaedics Course, Al Razi Orthopaedic Hospital, Kuwait, November 18-20, 2014.

Keel MJB: Role of external fixation – Pelvic fractures. Damage Control Orthopaedics Course, Al Razi Orthopaedic Hospital, Kuwait, November 18-20, 2014.

Keel MJB: Die lumbopelvine Stabilisierung für komplexe Situationen. Masters Kurs, AO Trauma Courses 2014, Davos, Schweiz, Dezember 07-11, 2014.

Keel MJB: Der gescheiterte Fall (the failed case). Masters Kurs, AO Trauma Courses 2014, Davos, Schweiz, Dezember 07-11, 2014.

Keel MJB: Der Pararectus-Zugang verbindet die Vorteile beider Zugänge. Masters Kurs, AO Trauma Courses 2014, Davos, Schweiz, Dezember 07-11, 2014.

Keel MJB: Osteosynthese versus Prothese: ARS-Fragen anhand eines Falles. Masters Kurs, AO Trauma Courses 2014, Davos, Schweiz, Dezember 07-11, 2014.

Keel MJB: Acute management of pelvic ring disruption: hemorrhage control, role of angiography and packing. Masters Course - Current Concepts - Soft Tissue and Polytrauma: Pelvis, AO Trauma Courses 2014, Davos, Switzerland, December 11, 2014.

Keel MJB: Indication and fixation techniques – spinopelvic fractures. Masters Course - Current Concepts - Soft Tissue and Polytrauma: Pelvis, AO Trauma Courses 2014, Davos, Switzerland, December 11, 2014.

Keel MJB Case presentation: Life threatening situations. Masters Course - Current Concepts - Soft Tissue and Polytrauma: Pelvis, AO Trauma Courses 2014, Davos, Switzerland, December 11, 2014.

Keel MJB: Damage control resuscitation – when, how, and outcomes. Masters Course - Current Concepts - Soft Tissue and Polytrauma: Polytrauma, AO Trauma Courses 2014, Davos, Switzerland, December 12, 2014.

Klenke FM: Bone Repair – from Autologous Bone Grafts to Bone Substitute Materials. 74. Jahreskongress der swiss orthopaedics (SGOT) 2014, St. Gallen, Switzerland, June 25-27, 2014.

Kohl S, Ahmad SS, Keel MJB, Schwienbacher S: Therapie der Knieluxation: Muss es immer eine Ersatzplastik sein?. 31. AGA Congress, Innsbruck, Österreich, September 18-20, 2014.

Kraler L: Reconstruction of AAOS Type III and IV Acetabular Defects with the Ganz Reinforcement Ring. 74. Jahreskongress swiss orthopaedics (SGOT), St. Gallen, Switzerland, June 25-27, 2014.

Kraler L: Endoprothetische Versorgung bei Typ III und IV Azetabulumdefekten mittels Ganz Abstützschale. Deutscher Kongress für Orthopädie und Unfallchirurgie, Berlin, Deutschland, Oktober 28-31, 2014.

Krause F: 1. Varus deformity of the 2nd toe 2. How have I managed my worst case. 17th Surgical Skill Course Hindfoot. Luzern, Januar 18-21, 2014

Krause F: 1. Konservative Behandlung der Rückfussarthrose. 2. Korrektur der OSG-Varusarthrose. SGOT Fortbildungstag, Bern, Februar 2014.

Krause F: Osteochondrale Läsionen, Epidemiologie und Klassifikationen. SFAS Jahressymposium, Lausanne, Mai 9, 2014.

Krause F: Ankle fusion or arthroplasty – what to choose? EFAS specialty day session, 15th EFFORT congress, London 4-6, 2014.

Krause F: 1. Ankle arthrosis – from osteotomy to total ankle replacement. 2. Symptomatic cavovarus foot – how can I salvage joints while balancing the foot? Orthopaedic update, Uniklinik Balgrist, Sept 4, 2014.

Krause F: 1. Konservativ, Cheilektomie, Arthrodesse, Prothese – wann welche Therapie der Arthrose des Grosszehengrundgelenkes. 2. Pearls and pitfalls – proximale Osteotomien (Basisosteotomie, Lapidus). 12. Video-Kurs Fuss-Sprunggelenk, München, Oktober 10, 2014.

Ma R, *Schaer M*, Sisto M, Chen T, Voigt C, Ying L, Deng XH, Rodeo SA: The interaction between ACL graft strain and graft tunnel incorporation: An experience with a small animal ACL reconstruction model. 31. AGA Kongress, Innsbruck, Austria, September 18-20, 2014.

Ma R, *Schaer M*, Sisto M, Chen T, Wang H, Ying L, Deng XH, Rodeo SA: The Use of Human Placental-Derived Adherent Stromal Cells Improves Tendon Healing in a Preclinical Model of Tendon Injury. 31. AGA Kongress, Innsbruck, Austria, September 18-20, 2014.

Ma R, *Schaer M*, Sisto M, Chen T, Voigt C, Ying L, Deng XH, Rodeo SA: The interaction between ACL graft strain and graft tunnel incorporation: An experience with a small animal ACL reconstruction model. 74. Jahreskongress swiss orthopaedics (SGOT), St. Gallen, Switzerland, June 25-27, 2014.

Ma R, *Schaer M*, Sisto M, Chen T, Wang H, Ying L, Deng XH, Rodeo SA: The Use of Human Placental-Derived Adherent Stromal Cells Improves Tendon Healing in a Preclinical Model of Tendon Injury. 74. Jahreskongress swiss orthopaedics (SGOT), St. Gallen, Switzerland, June 25-27, 2014.

Ma R, *Schaer M*, Chen T, Sisto M, Ying L, Deng XH, Rodeo SA: The Initial Anterior Cruciate Ligament Graft Pre-Tension Force Affects Graft Healing: An Experience with a Small Animal Reconstruction Model. 60th Annual Meeting Orthopaedic Research Society, New Orleans, USA, March 15-18, 2014.

Ma R, *Schaer M*, Rodeo S: The Effect of ACL In Situ Graft Force on the Biologic Healing Response of the ACL Graft-Tunnel Interface. Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, USA, March 11-15, 2014.

Moor BK, Bürki A, Massy AS, Zysset P, *Zumstein MA*: Extra-articular step osteotomy of the olecranon: a biomechanical assessment. 74. Jahreskongress swiss orthopaedics (SGOT), St. Gallen, Switzerland, June 25-27, 2014.

Nyffeler R, *Seidel A*: Operative versus conservative treatment of displaced greater tuberosity fractures: a radiological and biomechanical assessment. 74. Jahreskongress swiss orthopaedics (SGOT), St. Gallen, Switzerland, June 25-27, 2014.

Pawson DJ, Steiner TH, Zulliger MA, Wilke M, *Nesic D*, Müller R, Stok KS: Morphometric analysis of the tibial-femoral joint in a rabbit pre-clinical model of osteoarthritis. Abstracts 7th World Congress of Biomechanics, Boston, USA, July 6-11, 2014.

Rudez J, *Benneker LM*: First Clinical Experience With a carbon/PEEK Composite Plating System for Anterior Stabilization of the Cervical Spine. International Society Of Technology In Arthroplasty (ISTA) Annual meeting, Kyoto, Japan, September 24-27, 2014.

Schmid T, Roth M, *Krause FG*: The radiologic prediction of ankle arthritis in pes cavovarus . 74. Jahreskongress swiss orthopaedics (SGOT), St. Gallen, Switzerland, June 25-27, 2014.

Seidel U: Interdisziplinärer Dialog. Management bei lumbalen Diskushernien: Sichtweise des Wirbelsäulenorthopäden. Betakli 2014, Bern, Schweiz, November 12-15, 2014

Seidel U: Principles and techniques of spinal fusion. AOSpine Principles Specimen Course. Muttentz, Schweiz, October 16-17, 2014.

Seidel U: Degenerative scoliosis: Fixation to the inferior lumbar spine or sacrum. 4th NeuroSpine Meeting, Bern, Schweiz, March 27, 2014.

Siebenrock KA: Change of epiphyseal growth under physical activity. Bernese Hip Symposium, Bern, Switzerland, February 6 – 8, 2014.

Siebenrock KA: Femoral head reduction plasty. Bernese Hip Symposium, Bern, Switzerland, February 6 – 8, 2014.

Siebenrock KA: The pararectus approach for PAO. Bernese Hip Symposium, Bern, Switzerland, February 6 – 8, 2014.

Siebenrock KA: Guidelines for femoral neck and acetabular rim resection. Hip Pathology in young adults: Basic course. EHS – EFORT Instructional Course. Madrid, Spain, March 7-9, 2014.

Siebenrock KA: Pathomorphology and –physiology in hip joint dysplasia. Hip Pathology in young adults: Basic course. EHS – EFORT Instructional Course. Madrid, Spain, March 7-9, 2014.

Siebenrock KA: Technique of surgical hip dislocation. Hip Pathology in young adults: Basic course. EHS – EFORT Instructional Course. Madrid, Spain, March 7-9, 2014.

Siebenrock KA: Managing the sequelae of impingement in young adults. Instructional Course Lecture 407; American Academy of Orthopedic Surgeons (AAOS). New Orleans, USA, March 11-15, 2014.

Siebenrock KA: Current perspectives on the diagnosis and management of DDH through early adulthood. Instructional Course Lecture 247; American Academy of Orthopedic Surgeons (AAOS). New Orleans, USA, March 11-15, 2014.

Siebenrock KA: Surgical hip dislocation: indication and technique. 2nd European Pelvic Course. Hamburg, Germany; May 14-16, 2014.

Siebenrock KA: Hip: Osteotomy and Arthroplasty. Comprehensive Review Course. 15th EFORT Congress, London, UK; June 4-6, 2014.

Siebenrock KA: Extraarticular impingement due to femoral torsional deformities. EHS-EFORT Instructional Course. Hip pathology in young adults: Advanced Course. Bern, Switzerland, August 27-29, 2014.

Siebenrock KA: Planning of acetabular rim trimming. EHS-EFORT Instructional Course. Hip pathology in young adults: Advanced Course. Bern, Switzerland, August 27-29, 2014.

Siebenrock KA: Treatment algorithm for residual deformities in Perthes. EHS-EFORT Instructional Course. Hip pathology in young adults: Advanced Course. Bern, Switzerland, August 27-29, 2014.

Siebenrock KA: The blood supply of the femoral head. Shanghai International DDH Summit. Shanghai, China, September 20-21, 2014.

Siebenrock KA: Change of epiphyseal growth under physical activity. Shanghai International DDH Summit. Shanghai, China, September 20-21, 2014.

Siebenrock KA: Bernese Periacetabular Osteotomy: Key points in surgical technique. Shanghai International DDH Summit. Shanghai, China, September 20-21, 2014.

Siebenrock KA: PAO: Long-term results and influencing factors. Shanghai International DDH Summit. Shanghai, China, September 20-21, 2014.

Siebenrock KA: Capsular arthroplasty (Colonna) for high dislocation. Shanghai International DDH Summit. Shanghai, China, September 20-21, 2014.

Siebenrock KA: Diagnosis and Treatment of classical FAI. Shanghai International DDH Summit. Shanghai, China, September 20-21, 2014.

Siebenrock KA: Femoral head reduction in Perthes-like hips. Shanghai International DDH Summit. Shanghai, China, September 20-21, 2014.

Siebenrock KA: Role of arthroscopy in FAI. Shanghai International DDH Summit. Shanghai, China, September 20-21, 2014.

Siebenrock KA: Hip preservation surgery: PAsT, present and future. Shanghai International DDH Summit. Shanghai, China, September 20-21, 2014.

Siebenrock KA: Acetabular Fractures – Diagnosis and Planning. 11th Congress of the European Hip Society. Stockholm, Sweden, October 9-11, 2014.

Siebenrock KA: Long-term follow-up of periacetabular osteotomy – 20 years series of Bern. IV Warsaw Symposium on Hip Dysplasia. Warsaw, Poland, October 24-25, 2014.

Siebenrock KA: Combined procedures in treatment of hip dysplasia using PAO – indications for additional intervention on the proximal femur. IV Warsaw Symposium on Hip Dysplasia. Warsaw, Poland, October 24-25, 2014.

Siebenrock KA: „Offene und arthroskopische Verfahren zur Gelenkerhaltung“. Seminar: Hüftschmerz – moderne Korrekturingriffe am Hüftgelenk. Deutscher Kongress für Orthopädie und Unfallchirurgie (DKOU). Berlin, Deutschland, Oktober 28-31, 2014.

Siebenrock KA: Fallbesprechungen. Seminar: Hüftschmerz – moderne Korrekturingriffe am Hüftgelenk. Deutscher Kongress für Orthopädie und Unfallchirurgie (DKOU). Berlin, Deutschland, Oktober 28-31, 2014.

Siebenrock KA: FAI treatment in combination with pelvic osteotomies. In Hip FAI: Luxation, arthroscopy or mini-open. Deutscher Kongress für Orthopädie und Unfallchirurgie (DKOU). Berlin, Deutschland, Oktober 28-31, 2014.

Siebenrock KA: Muscle size ratio between iliocapsularis and rectus femoris muscles helps to diagnose hip dysplasia. Closed meeting of the International Hip Society Meeting, Rio de Janeiro, Brasilia, November 20-22, 2014.

Siebenrock KA: Treatment strategy in femoro-acetabular impingement.“ Open meeting at the combined session SICOT and the International Hip Society Meeting, Rio de Janeiro, Brasilia, November 20-22, 2014.

Steppacher SD, Anwander H, Tannast M, Siebenrock KA: 10-Year Results of Open FAI Surgery – Bernese Experience. Bernese Hip Symposium, Bern, February 6 – 8, 2014

Steppacher SD, Zurmühle CA, Puls M, Siebenrock KA, Millis MB, Kim YJ, Tannast M: CT Analysis of Change of Hip Range of Motion (ROM) after PAO. Bernese Hip Symposium, Bern, February 6 – 8, 2014.

Steppacher SD, Lerch TD, Gharanizadeh K, Liechti EF, Werlen SF, Puls M, Tannast M, Siebenrock KA: Size and shape of the lunate surface in different types of pincer impingement: implications for surgical therapy. 74. Jahreskongress swiss orthopaedics (SGOT), St. Gallen, Switzerland, June 25-27, 2014.

Steppacher SD, Lerch TD, Gharanizadeh K, Liechti EF, Werlen SF, Puls M, Tannast M, Siebenrock KA: Size and shape of the lunate surface – Implications for surgical therapy. 15th Congress of the European Federation of National Associations of Orthopaedics and Traumatology (EFORT), London, June 4-6, 2014.

Steppacher SD, Anwander H, Tannast M, Siebenrock KA: Surgical hip dislocation for the treatment of femoroacetabular impingement: Factors predicting 10-year survivorship. 74. Jahreskongress swiss orthopaedics (SGOT), St. Gallen, Switzerland, June 25-27, 2014.

Steppacher SD: Cam-type deformities and treatment algorithm. EHS-EFORT Instructional Course, Bern, Switzerland, August 27-29, 2014.

Subramony S, Qu D, Ma R, Schaer M, Guo E, Doty S, Rodeo SA, Lu H: In Vitro Optimization and In Vivo Evaluation of a Multi-Phased Nanofiber-Based Synthetic ACL Scaffold. 60th Annual Meeting Orthopaedic Research Society, New Orleans, USA, March 15-18, 2014.

Tannast M: Radiographic reference values for the acetabulum. Bernese Hip Symposium, Bern, Switzerland, February 6-8, 2014.

Tannast M: Exploring the limits of surgical hip dislocation. Bernese Hip Symposium, Bern, Switzerland, February 6-8, 2014.

Tannast M: From the sheep to the patient – a prospective 4-year Swiss National Foundation project. Bernese Hip Symposium, Bern, Switzerland, February 6-8, 2014.

Tannast M: CT-scan and 3D reconstruction. Hip pathology in young adults: Basic Course of the European Hip Society and the European Federation of National Associations of Orthopaedics and Traumatology. Madrid, Spain, March 5-7, 2014.

Tannast M: Function of the labrum. Hip pathology in young adults: Basic Course of the European Hip Society and the European Federation of National Associations of Orthopaedics and Traumatology. Madrid, Spain, March 5-7, 2014.

Tannast M: Finite element model of impingement. Hip pathology in young adults: Basic Course of the European Hip Society and the European Federation of National Associations of Orthopaedics and Traumatology. Madrid, Spain, March 5-7, 2014.

Tannast M: Hüftprothetik 2014 – was der Hausarzt wissen sollte. Diagnostisch Therapeutisches Seminar, Berner Hausärzte, Inselspital Bern, April 24, 2014.

Tannast M: Arthroscopy in the treatment of SCFE. 15th Congress of the European Federation of National Associations of Orthopaedics and Traumatology (EFORT), London, June 4-6, 2014.

Tannast M: Coxa profunda – what can we do today? 15th Congress of the European Federation of National Associations of Orthopaedics and Traumatology (EFORT), London, June 4-6, 2014.

Tannast M: Blood supply to the femoral head and its surgical implications. European Hip Society and EFORT Instructional Course, Bern, Switzerland, August 27-29, 2014.

Tannast M: Acetabular overcoverage – treatment algorithm. European Hip Society and EFORT Instructional Course, Bern, Switzerland, August 27-29, 2014.

Tannast M: Residual deformities in Perthes disease - pathophysiology. European Hip Society and EFORT Instructional Course, Bern, Switzerland, August 27-29, 2014.

Tannast M: Hüftchirurgie 2014 – Was der Hausarzt wissen sollte. Oberwalliser Ärztesgesellschaft, Brig, Switzerland, September 11, 2014.

Tannast M: As an open hip preservation surgeon, I find open preservation best for ... and I think arthroscopy should be reserved for ... Annual Scientific Meeting of the International Society for Hip Arthroscopy, Rio de Janeiro, Brasil, October 9-11, 2014.

Tannast M: Causes for failed open hip preservation surgery. Annual Scientific Meeting of the International Society for Hip Arthroscopy, Rio de Janeiro, Brasil, October 9-11, 2014.

Tannast M: Is there a role for hip arthroscopy in DDH?. Annual Scientific Meeting of the International Society for Hip Arthroscopy, Rio de Janeiro, Brasil, October 9-11, 2014.

Tannast M: Bildgebung der Hüfte. Deutsche Gesellschaft für Orthopädie und Unfallchirurgie (DKOU), Berlin, Germany, October 28-30, 2014.

Tannast M: Athletic hip pain – Differentiating from groin pain clinically and radiographically. First World Conference on Groin Pain in Athletes, Doha, Qatar, November 1-3, 2014.

Tannast M: Radiographic exam. 6th International Hip Arthroscopy Meeting, Munich, Germany, November 21-22, 2014

Zurmühle CA, Steppacher SD, Siebenrock KA, Kim YJ, Tannast M: Periacetabular Osteotomy Does not Result in Restricted Range of Motion. 74. Jahreskongress swiss orthopaedics (SGOT), St. Gallen, Switzerland, June 25-27, 2014.

Zumstein MA: Acute Injuries of the Shoulder. 27th Medical Congress of Swiss Football Association, Muri, Switzerland, 2014.

Zumstein MA: Biology of the cuff – from bone to muscle. Decision making: chronicity, age, sex, occupation – what to consider? Medial cuff failure: And now? Heidelberg Shoulder Convention Center, Heidelberg, Germany, 2014.

Zumstein MA: The Deltopectoral Approach Reverse Total Shoulder Arthroplasty: Indications in Rotator Cuff Tear. Affinis Meeting, Anatomy Workshop, Bern, Switzerland, 2014.

Zumstein MA: Primary Shoulder dislocation: Pro Surgery New Material Concepts in Shoulder Arthroplasty. Annual Meeting of the German Shoulder and Elbow Society, Wiesbaden, Germany, 2014.

Zumstein MA: News in Shoulder Arthroplasty: What works? Diagnostic and Therapeutic Meeting for General Practitioners, University of Bern, Switzerland, 2014.

Zumstein MA: Women and Sports: Typical pathologies of Female Athletes. Diagnostic and Therapeutic Meeting for General Practitioners, University of Bern, Switzerland, 2014.

Zumstein MA: Sense and Nonsense of Biologic Augmentation in Rotator Cuff Surgery. Grand Rounds of the Orthopaedic Department of District Hospital St. Gallen, Switzerland, 2014.

Zumstein MA: The Role of Biologic Augmentation, Growth Factors and Stem Cells in Rotator Cuff Repair. Where we are today? Nice Shoulder Course, Nice, France, 2014.

Zumstein MA: Scientific Principles of Rotator Cuff Repair: Biology? Balgrist Shoulder Course, Zürich, Switzerland, 2014.

Zumstein MA: Instructional Course Lectures: Diagnosis and Management of Soft Tissue Failure after Anatomic Total Shoulder Arthroplasty (=TSA). 25th Congress of the European Society for Surgery of the Shoulder and Elbow, Istanbul, Turkey, 2014.

Zumstein MA: Instructional Course Lectures EUSSER Day: The Influence of Biology in Rotator Cuff Repair on Postoperative Rehabilitation. 25th Congress of the European Society for Surgery of the Shoulder and Elbow, Istanbul, Turkey, 2014.

Zumstein MA: Affinis Meeting, Anatomy Workshop: Reduced Wear with HXLPE and Ceramic. 25th Congress of the European Society for Surgery of the Shoulder and Elbow, Istanbul, Turkey, 2014.

Zumstein MA: Use of Scaffolds in Rotator Cuff Repair? 34th National Congress of the Portuguese Society of Orthopaedics and Traumatology (SPOT), Albufeira, Portugal, 2014.

Zumstein MA: How to deal with Proximal Humerus Fractures with Osteoporosis. Indications and Strategy. 34th National Congress of the Portuguese Society of Orthopaedics and Traumatology (SPOT), Albufeira, Portugal, 2014.

Zumstein MA: Reverse Total Shoulder Arthroplasty: An update. DKOU, Berlin, Germany, 2014.

Zumstein MA: Posterior Approaches to the Scapula. AO Master Course, Davos, Switzerland, 2014.

Zumstein MA: Decision Making in Proximal Humerus Fractures. AO Master Course, Davos, Switzerland, 2014.

Zumstein MA: Pro-Contra Osteosynthesis versus Shoulder Arthroplasty. AO Master Course, Davos, Switzerland, 2014.

Zumstein MA: Arthroscopic Assisted Anatomic Bipod Stabilization for Chronic AC Injuries. American Academy of Orthopaedic Surgeons. Annual Meeting New Orleans, USA, 2014.

Zumstein MA: Extra-articular Step Osteotomy Of The Olecranon: A Biomechanical Evaluation. 74. Jahreskongress swiss orthopaedics (SGOT), St. Gallen, Switzerland, June 25-27, 2014.

Organisation Kurse/Symposien

Benneker LM

1st AO Spine Research Education Course, Davos, Switzerland, December 12-14, 2014.

Benneker LM

Research Symposium, Eurospine Spring Meeting, Prague, Czech Republic, May 8, 2014.

Keel MJB

3rd Swiss Trauma & Resuscitation Day (STRD), Bern, Switzerland, February 28, 2014.

Keel MJB

Masters Kurs, AO Trauma Courses 2014, Davos, Switzerland, November 07-11, 2014.

Siebenrock KA

Bernese Hip Symposium, Bern, Switzerland, February 6 – 8, 2014.

Siebenrock KA

Hip Pathology in young adults: Basic course. EHS – EFORT Instructional Course. Madrid, Spain, March 7-9, 2014.

Siebenrock KA

EHS-EFORT Instructional Course. Hip pathology in young adults: Advanced Course. Bern, Switzerland, August 27-29, 2014.

Tannast M

Bernese Hip Symposium, University of Bern, Switzerland, February 6-8, 2014.

Tannast M

Hip Pathology in Young Adults, Advanced Course of the European Hip Society (EHS) and the European Federation of National Associations of Orthopaedics and Traumatology (EFORT), Bern, Switzerland, August 27-29, 2014.

Fakultät bei Kursen/Symposien

Albers C

EHS-EFORT, BAT-Program. Bern, Switzerland, August 27-29, 2014.

Albers C

Bernese Hip Symposium, Bern, Switzerland, February 6-8, 2014.

Benneker LM

7. Berliner Wirbelsäulenkongress, Berlin, Germany, Oktober 10-11, 2014.

Büchler L

Leipziger Hüft-Arthroskopie Workshop, Leipzig, Germany, Februar 28-März 1, 2014.

Büchler L

Berner Hüftsposium, Bern, Switzerland, Februar 6-8, 2014.

Büchler L

EHS- EFORT Instructional Course Bern, Bern, Switzerland, August 27-29, 2014.

Büchler L

Niederrheinischer Hüft-Arthroskopie Kongress mit Workshop, Essen, Germany, September 5-6, 2014.

Büchler L

Jahreskongress Chilenische Gesellschaft für Orthopädie und Traumatologie, Vina del Mar, Chile, November 30-December 2, 2014.

Ecker TM

Experimental Navigation of Acetabular Reorientation. Bernese Hip Symposium, Berne, Switzerland, February 6-9, 2014.

Ecker TM

Technique of Bernese Periacetabular Osteotomy. EHS-EFORT Instructional Course, Berne, Switzerland, August 27-29, 2014.

Ecker TM

Case Presentations – Proximal Humerus and Proximal Humerus. Osteosynthesis and Trauma Care Foundation. Sion, Switzerland, September 18-19, 2014.

Keel MJB

4. Hamburger Beckenkurs/2nd European Pelvic Course, Hamburg, Germany, May 14-16, 2014.

Keel MJB

16th Cooperative Course Polytrauma Management – beyond ATLS, Frankfurt, Germany, May 24-25, 2014.

Keel MJB

15th European Congress of Trauma & Emergency Surgery (ECTES), Frankfurt, Germany, May 24-27, 2014.

Keel MJB

AO Trauma Europe Masters Course – Pelvic and Acetabular Fractures with Anatomical Specimens, Homburg, Germany, June 25-27, 2014.

Keel MJB

Periacetabular osteotomy. AO Trauma Curso de Pelvis y Acetábulo, Mar del Plata, Argentina
October 1-4, 2014.

Keel MJB

Damage Control Orthopaedics Course, Al Razi Orthopaedic Hospital, Kuwait, November 18-20,
2014.

Keel MJB

Masters Course - Current Concepts - Soft Tissue and Polytrauma: Pelvis, AO Trauma Courses
2014, Davos, Switzerland, December 11, 2014.

Keel MJB

Masters Course - Current Concepts - Soft Tissue and Polytrauma: Polytrauma, AO Trauma
Courses 2014, Davos, Switzerland, December 12, 2014.

Krause F

Traumasyposium. EFAS, Barcelona, Spain, October 16-18, 2014.

Krause F

17th Surgical Skill Course Hindfoot. Luzern, Januar 18-21, 2014.

Siebenrock KA

Bernese Hip Symposium, Bern, Switzerland, February 6 – 8, 2014.

Siebenrock KA

Hip Pathology in young adults: Basic course. EHS – EFORT Instructional Course. Madrid,
Spain, March 7-9, 2014.

Siebenrock KA

Current perspectives on the diagnosis and management of DDH through early adulthood.
Instructional Course Lecture 407; American Academy of Orthopedic Surgeons (AAOS). New
Orleans, USA, March 11-15, 2014.

Siebenrock KA

Legg Calvé Perthes Disease: The beginning and the end. Instructional Course Lecture 247;
American Academy of Orthopedic Surgeons (AAOS). New Orleans, USA, March 11-15, 2014.

Siebenrock KA

2nd European Pelvic Course. Hamburg, Germany, May 14-16, 2014.

Siebenrock KA

15th EFORT Congress, London, Great Britain, June 4-6, 2014.

Siebenrock KA

EHS-EFORT Instructional Course. Hip pathology in young adults: Advanced Course. Bern,
Switzerland, August 27-29, 2014.

Siebenrock KA

Shanghai International DDH Summit. Shanghai, China, September 20-21, 2014.

Siebenrock KA

11th Congress of the European Hip Society. Stockholm, Sweden, October 9-11, 2014.

Siebenrock KA

IV Warsawer Symposium on Hip Dysplasia. Warsaw, Poland, October 24-25, 2014.

Siebenrock KA

Deutscher Kongress für Orthopädie und Unfallchirurgie (DKOU). Berlin, Deutschland, Oktober 28-31, 2014.

Steppacher SD

Bernese Hip Symposium, Bern, Switzerland, February 6-8, 2014.

Steppacher SD

EHS-EFORT Instructional Course, Bern, Switzerland, August 27-29, 2014.

Tannast M

Faculty/Course Organizer Hip Symposium Berne, Bern, Switzerland, February 6-8, 2014.

Tannast M

Faculty Hip pathology in young adults: Basic Course of the European Hip Society and the European Federation of National Associations of Orthopaedics and Traumatology. Madrid, Spain, March 5-7, 2014.

Vorsitz/Rundtischdiskussion bei Kursen/Symposien

Keel MJB

Trauma patients: Trauma beyond ATLS–The brain makes the difference. 3rd Swiss Trauma & Resuscitation Day (STRD), Bern, Switzerland, February 28, 2014.

Keel MJB

Case presentations and discussion of unusual and tricky trauma cases. 3rd Swiss Trauma & Resuscitation Day (STRD), Bern, Switzerland, February 28, 2014.

Keel MJB

Navigation – Complications in acetabular surgery. 4. Hamburger Beckenkurs/2nd European Pelvic Course, Hamburg, Germany, May 14-16, 2014.

Keel MJB

Priority of care of multiple injured patients. 16th Cooperative Course Polytrauma Management – beyond ATLS, Frankfurt, Germany, May 24-25, 2014

Keel MJB

Neuro- and spine trauma. 15th European Congress of Trauma & Emergency Surgery (ECTES), Frankfurt, Germany, May 24-27, 2014.

Keel MJB

Poster session – Surgical critical care I. 15th European Congress of Trauma & Emergency Surgery (ECTES), Frankfurt, Germany, May 24-27, 2014.

Keel MJB

Soft tissue injuries. 15th European Congress of Trauma & Emergency Surgery (ECTES), Frankfurt, Germany, May 24-27, 2014.

Keel MJB

Session 2: Surgery of the fractures of the pelvic ring. AO Trauma Europe Masters Course – Pelvic and Acetabular Fractures with Anatomical Specimens, Homburg, Germany, June 25-27, 2014.

Keel MJB

Case presentation: Damage Control Orthopaedics. Damage Control Orthopaedics Course, Al Razi Orthopaedic Hospital, Kuwait, November 18-20, 2014.

Keel MJB

Case presentation: Damage Control pelvis. Damage Control Orthopaedics Course, Al Razi Orthopaedic Hospital, Kuwait, November 18-20, 2014.

Keel MJB

Panel- und Teilnehmerdiskussion. Masters Kurs, AO Trauma Courses 2014, Davos, Schweiz, Dezember 07-11, 2014.

Krause F

17th Surgical Skill Course Hindfoot. Luzern, Switzerland, Januar 18-21, 2014.

Krause F

Symposium Neurologic foot. IFFAS / AOFAS Summer Meeting, Chicago, USA, September 19-21, 2014.

Krause F

Symposium Trauma. EFAS, Barcelona, Spain, Oktober 16-18, 2014.

Kohl S

Falldiskussion Knie. 74. Jahreskongress swiss orthopaedics (SGOT), St. Gallen, Switzerland, Juni 26, 2014.

Kohl S

Komplexverletzungen am Kniegelenk. AO Trauma Courses 2014, Davos, Schweiz, Dezember 07-11, 2014.

Steppacher SD

Discussion rounds. Bernese Hip Symposium, Bern, Switzerland, February 6- 8, 2014.

Schwiendbacher S

Session: Sports Medicine: Free Papers - Sports Medicine Miscellaneous. XXVI SICOT Triennial World Congress combined with 46thSBOT Annual Meeting, Rio de Janeiro, Brazil, 19-22 November, 2014.

Siebenrock KA

Case Discussions. Bernese Hip Symposium, Bern, Switzerland, February 6 – 8, 2014.

Siebenrock KA

Hip Pathology in young adults: Basic course. EHS – EFORT Instructional Course. Madrid, Spain, March 7-9, 2014.

Siebenrock KA

2nd European Pelvic Course. Hamburg, Germany, May 14-16, 2014.

Siebenrock KA

Clinical Cases: Pelvis, Hip & Femur. 15th EFORT Congress, London, June 4-6, 2014.

Siebenrock KA

EHS-EFORT Instructional Course. Hip pathology in young adults: Advanced Course. Bern, Switzerland, August 27-29, 2014.

Siebenrock KA

Shanghai International DDH Summit. Shanghai, China, September 20-21, 2014.

Siebenrock KA

IV Warsawer Symposium on Hip Dysplasia. Warsaw, Poland, October 24-25, 2014.

Siebenrock KA

Deutscher Kongress für Orthopädie und Unfallchirurgie (DKOU). Berlin, Deutschland, Oktober 28-31, 2014.

Tannast M

Hip morphology. Bernese Hip Symposium, Bern, Switzerland, February 6- 8, 2014.

Tannast M

Advanced functional outcome measurement in THA. 15th Congress of the European Federation of National Associations of Orthopaedics and Traumatology (EFORT), London, UK, June 4-6, 2014.

Tannast M

DDH and treatment of congenital hip pathology. 15th Congress of the European Federation of National Associations of Orthopaedics and Traumatology (EFORT), London, UK, June 4-6, 2014.

Tannast M

Freie Mitteilungen Hüfte. Annual Meeting of the Swiss Society of Orthopaedics and Traumatology, St. Gallen, Switzerland, Juni 25-27, 2014.

Instruktor bei Kursen/Symposien

Bieri K

Rehabilitation & Back to Sports. Ligamys® Day, Zürich, Switzerland, July 18, 2014.

Büchler L

Leipziger Hüft-Arthroskopie Workshop, Leipzig, Germany, Februar 28-März 2, 2014.

Büchler L

Niederrheinischer Hüft-Arthroskopie Kongress mit Workshop, Essen, Germany, September 5-6, 2014.

Ecker TM

Table Instructor: Intramedullary Nailing of Fractures of the Proximal Tibia and Humerus. Osteosynthesis and Trauma Care Foundation, Sion, Switzerland, September 18-19, 2014.

Keel MJB

Cadaver: Stoppa. 4. Hamburger Beckenkurs/2nd European Pelvic Course, Hamburg, Germany, May 14-16, 2014.

Keel MJB

Exercises: classification of fractures of the pelvic ring and acetabulum. AO Trauma Europe Masters Course – Pelvic and Acetabular Fractures with Anatomical Specimens, Homburg, Germany, June 25-27, 2014.

Keel MJB

Fireside discussion. AO Trauma Europe Masters Course – Pelvic and Acetabular Fractures with Anatomical Specimens, Homburg, Germany, June 25-27, 2014.

Keel MJB

Parcours 1: cadaver – Stoppa and Pararectus approach. AO Trauma Europe Masters Course – Pelvic and Acetabular Fractures with Anatomical Specimens, Homburg, Germany, June 25-27, 2014.

Keel MJB

Parcours 2: periacetabular screw directions. AO Trauma Europe Masters Course – Pelvic and Acetabular Fractures with Anatomical Specimens, Homburg, Germany, June 25-27, 2014.

Keel MJB

Evaluation parcours: fractures of the pelvic ring – emergency situation. AO Trauma Europe Masters Course – Pelvic and Acetabular Fractures with Anatomical Specimens, Homburg, Germany, June 25-27, 2014.

Keel MJB

Practical exercise: spino-pelvic stabilization. AO Trauma Curso de Pelvis y Acetábulo, Mar del Plata, Argentina, October 1-4, 2014.

Keel MJB

Diskussionsgruppe Beckenring. Masters Kurs, AO Trauma Courses 2014, Davos, Schweiz, Dezember 07-11, 2014.

Keel MJB

Diskussionsgruppe Azetabulum. Masters Kurs, AO Trauma Courses 2014, Davos, Schweiz, Dezember 07-11, 2014.

Keel MJB

Discussion groups. Masters Course - Current Concepts - Soft Tissue and Polytrauma: Pelvis, AO Trauma Courses 2014, Davos, Switzerland, December 11, 2014.

Keel MJB

Discussion groups. Masters Course - Current Concepts - Soft Tissue and Polytrauma: Polytrauma, AO Trauma Courses 2014, Davos, Switzerland, December 12, 2014.

Kohl S

Komplexverletzungen am Kniegelenk. AO Trauma Courses 2014, Davos, Switzerland, December 12, 2014.

Krause F

17th Surgical Skill Course Hindfoot. Luzern, Switzerland, Januar 18-21, 2014.

Krause F

1. Workshop OSG-Supinationstrauma. 2. Klinische Visite. BETAKLI, Bern, Switzerland, November 12-15, 2014.

Schmid T

Kaderkurs 2 Medizin (Med OS) 41-1/2014 der Schweizer Armee. Kurs für die klinische Untersuchung des Bewegungsapparates. Mai 5, 2014.

Seidel U

AOSpine Principles Specimen Course. Muttens, Schweiz, Oktober 16-17, 2014.

Siebenrock KA

Hip Pathology in young adults: Basic course. EHS – EFORT Instructional Course. Madrid, Spain, March 7-9, 2014.

Siebenrock KA

EHS-EFORT Instructional Course. Hip pathology in young adults: Advanced Course. Bern, Switzerland, August 27-29, 2014.

Steppacher SD

Hip arthroscopy workshop, EHS-EFORT Instructional Course, Bern, Switzerland, August 27 – 29, 2014.

Zusätzliche Lehrleistungen ausserhalb des Medizinstudiums auf Stufe Ausbildung (nicht Weiterbildung)

Ahmad SS

Lecture: Biological treatment options for knee joint disorders. 03/2014

Tissue Engineering Course, Master of Science in Biomedical Engineering. Prof. Lutz Nolte.
Institute for Surgical Technology & Biomechanics. University of Bern

Attinger MC

Klinischer Dozent „Biomedizin Bewegungsapparat: Biomechanik der Hüftprothese“ an der
Berner Fachhochschule, Medizin und Informatik, Oktober 2, 2014. 4 Stunden

Benneker LM

Workshop 'Wirbelsäulenprobleme`für angehende Hausärzte (BIHAM, 3h/Jahr)
Vorlesung Physiotherapieschule (2h/Jahr)

Ecker TM

Vorlesung Fachhochschule Technik und Informatik Bern, Studiengang Mikro- und
Medizintechnik 2012: Robotik und Computer-assistierte Chirurgie. (3 Stunden)

Ecker TM

Kurs-Dozent am 'Kurs für die klinische Untersuchung des Bewegungsapparates' im Kaderkurs 2
Medizin (Med OS) 41-1/2014, Moudon, Mai 19, 2014.

Ecker TM

Computer Assisted Orthopaedic Surgery, IGT Clinical Applications Lecture Series 2014, Master
Studiengang Biomedical Engineering, Universität Bern. (1 Jahr)

Kohl S

Sportverletzungen und Sportschaden. Sportphysiotherapie Magglingen – Untere Extremität am
20.10.2014 / (8 Stunden)

Moor BK

Referent für Sportphysiotherapie (SPT-eduction) in Magglingen (6 Stunden)
Referent der Schweizerischen Gesellschaft für Sportmedizin (SSMS);
Clinique romande de réadaptation, Sion (5 Stunden)

Zumstein MA

University of Innsbruck, Unfallchirurgie und Sporttraumatologie, Austria (4x2 Stunden)
4th International Innsbruck cadaver course on surgery of the shoulder.

Stipendien

Anwanderer H

Schweizerischer Nationalfonds
Fellowship in research; the Ottawa Hospital
(für Aufenthalt 1.3.2014-28.02.2015)
CHF 46'500.-

Bastian JD

Schweizerische Gesellschaft für Orthopädie und Traumatologie
Fellowship Peter Giannoudis MD, FRCS, Professor of Trauma & Orthopaedic Surgery
School of Medicine, University of Leeds
Appearance of intrapelvic femoral head displacement in anterior acetabular fracture patterns:
Predictors for associated femoral head impaction injuries and implications on the outcome at
mid-term. (für Aufenthalt von 01.05.2014–31.10.2014)
CHF 27'500.–

Bastian JD, Keel MJB

Dr. h.c. Robert Mathys Foundation
Fixation strength assessment of different instrumentations for treatment of specific acetabular
fractures involving the anterior column and quadrilateral surface
CHF 41'000.–

Hunziker EB

China Scholarship Council
Scholarship for Dr. Hairong Huang
Dauer: 2013 - 2014
Betrag: 110 000.- CHF

Schmid T

Fortbildungsstipendium, Swisorthopaedics
UBC Foot and Ankle Reconstruction Adult Fellowship
University of British Columbia, Vancouver
(Aufenthalt von 1.8.2014 – 31.7.2015)
CHF 30'000.–

Habilitationen

Tannast M

Dr. med. Moritz Tannast, Universitätsklinik für Orthopädische Chirurgie und Traumatologie, Inselspital, wurde am 01. Juli 2014 die Venia docendi für das Fach Orthopädische Chirurgie und Traumatologie erteilt.

Röder C

PD Dr. med. C. Röder, Institut für Evaluative Forschung in orthopädischer Chirurgie, Universität Bern, wurde der Titel eines Assoziierten Professors auf den 01. März 2014 verliehen.

Dissertationen

Ahmad Sufian

The Hundred Most-Cited Publications in Orthopaedic Knee Research.

Leitung: Dr. med. Sandro Kohl, Departement of Orthopaedic Surgery and Traumatology, Inselspital, University of Bern, 2014.

Fritsch Stefan

Which radiographic hip parameters do not have to be corrected for pelvic rotation and tilt?

Leitung: Dr. med. Simon D. Steppacher und Prof. Dr. med. Moritz Tannast, Departement of Orthopaedic Surgery and Traumatology, Inselspital, University of Bern, 2014.

Huber Kim

The Cement Prosthesis-Like Spacer: An Intermediate Halt on the Road to Healing

Leitung: Dr. med. Sandro Kohl, Departement of Orthopaedic Surgery and Traumatology, Inselspital, University of Bern, 2014.

Huemmer Carmen

Surgical Hip Dislocation for Treatment of Femoroacetabular Impingement: Factors Predicting 5-Year-Survivorship.

Leitung: Prof. Dr. med. Klaus A. Siebenrock, Departement of Orthopaedic Surgery and Traumatology, Inselspital, University of Bern, 2014.

Kistler Lea

The Acetabular Wall Index for Assessing Anteroposterior Femoral Head Coverage in Symptomatic Patients

Leitung: Prof. Dr. med. Klaus A. Siebenrock, Departement of Orthopaedic Surgery and Traumatology, Inselspital, University of Bern, 2014.

Lerch Till Dominic

Size and Shape of the Lunate Surface in Different Types of Pincer Impingement: Theoretical Implications for Surgical Therapy.

Leitung: Dr. med. Simon D. Steppacher und Prof. Dr. med. Klaus A. Siebenrock, Departement of Orthopaedic Surgery and Traumatology, Inselspital, University of Bern, 2014.

Massy Anne-Sophie

Extra-articular step osteotomy of the olecranon: a biomechanical assessment

Leitung: Dr. med. Beat K. Moor und PD Dr. med. Matthias A. Zumstein, Departement of Orthopaedic Surgery and Traumatology, Inselspital, University of Bern, 2014.

Röthlisberger Martin

Age, Trauma and the Critical Shoulder Angle accurately predict Supraspinatus Tendon Tears.

Leitung: Dr. med. Beat K. Moor, Departement of Orthopaedic Surgery and Traumatology, Inselspital, University of Bern, 2014.

Stock Anna

Dynamic intraligamentary stabilization and primary repair: A new concept for the treatment of knee dislocation.

Leitung: Dr. med. Sandro Kohl, Departement of Orthopaedic Surgery and Traumatology, Inselspital, University of Bern, 2014.

Stutz Chantal

Mid-term results of transphyseal anterior cruciate ligament reconstruction in children and adolescents.

Leitung: Dr. med. Sandro Kohl, Departement of Orthopaedic Surgery and Traumatology, Inselspital, University of Bern, 2014.

Vogel Sara

Incidence, Treatment and Clinical Outcome of Type C Injuries of the Thoracic Spine – A Retrospective Study – under investigation

Leitung: Dr. med. Timo M. Ecker, Departement of Orthopaedic Surgery and Traumatology, Inselspital, University of Bern, 2014.

Von Allmen Matthias

What Is the Incidence of Intracranial Bleeding in Patients with Mild Traumatic Brain Injury?

Leitung: Dr. med. Christoph M. Albers, Departement of Orthopaedic Surgery and Traumatology, Inselspital, University of Bern, 2014.

Züllig Nicolas Gregory

Development and validation of a quantitative method to assess pedicle screw loosening in posterior spine instrumentation on plain radiographs

Leitung: PD Dr. med. Lorin M. Benneker, Departement of Orthopaedic Surgery and Traumatology, Inselspital, University of Bern, 2014.

Masterarbeiten

Barattiero Fabio

Master of Medicine and MD student. Muscle quality after surgical hip dislocation – an MRI based study.

Leitung: Prof. Dr. med. Klaus A. Siebenrock und Prof. Dr. med. Moritz Tannast, Departement of Orthopaedic Surgery and Traumatology, Inselspital, University of Bern, 2014.

Hüsler Manuela

Radiologische Analyse der Meniskuskonfiguration im MRI

Leitung: PD Dr. med. Matthias Zumstein und Dr. med. Sandro Kohl, Departement of Orthopaedic Surgery and Traumatology, Inselspital, University of Bern, 2014.

Jenni Stefanie

A new reconstruction of the acromioclavicular joint using bi- resp. tripodal anchorage.

Biomechanical comparison with a conventional reconstruction with Tight-Rope fixation.

Leitung: Dr. med. M. Schär und PD Dr. med. Matthias A. Zumstein, Departement of Orthopaedic Surgery and Traumatology, Inselspital, University of Bern, 2014.

Jost Julien

Radiologische Analyse humaner Sakrumformen.

Leitung: Prof. Dr. med. Marius Keel und Dr. med. Johannes D. Bastian, Departement of Orthopaedic Surgery and Traumatology, Inselspital, University of Bern, 2014.

Kistler Lea

Bestimmung der acetabulären Version im axialen Röntgenbild

Leitung: Prof. Dr. med. Marius Keel und Dr. med. Lorenz Büchler, Departement of Orthopaedic Surgery and Traumatology, Inselspital, University of Bern, 2014.

Roth Manuel

Radiographic evaluation of cavovarus deformity and correlation with ankle arthrosis

Leitung: PD Dr. med. Fabian Krause, Departement of Orthopaedic Surgery and Traumatology, Inselspital, University of Bern, 2014.

Vogel Sara

Incidence, Treatment and Clinical Outcome of Type C Injuries of the Thoracic Spine – A Retrospective Study – under investigation

Leitung: Dr. med. Timo M. Ecker, Departement of Orthopaedic Surgery and Traumatology, Inselspital, University of Bern, 2014.

Wangler Sebastian

Evaluation der sequentiellen Zementaugmentation am Leakage Modell

Leitung: PD Dr. med. Lorin M. Benneker und Dr. med. Sven Hoppe, Departement of Orthopaedic Surgery and Traumatology, Inselspital, University of Bern, 2014.