

Jahresbericht 2008

UNIVERSITÄTSKLINIK FÜR ORTHOPÄDISCHE CHIRURGIE
INSELSPITAL BERN

Inhaltsverzeichnis

Personelles	2–3
Kennzahlen (Patienten, Eingriffe)	4–5
Forschung und Lehre	6–43
Preise und Ehrungen	6
Drittmittel	7–10
Stipendien	11
Dissertationen	12
Originalarbeiten In-House	13–15
Originalarbeiten Kollaborationen	16–19
Übrige Publikationen	20
Abstracts	21–25
Poster	26–31
Vorträge	32–42

Personelles		
Funktion	Name	Fachbereich
Klinikdirektor und Chefarzt	Prof. Dr. K.-A. Siebenrock	
Stv. Chefarzt	PD Dr. P. Heini	
Leitender Arzt	PD Dr. S. Eggli PD Dr. M. Weber	
Teamleiter	Prof. Dr. K.-A. Siebenrock PD Dr. M. Beck, Stv. Prof. Dr. P. Heini PD Dr. S. Eggli PD Dr. M. Weber Dr. R. Nyffeler	Hüfte, Becken, Tumorchirurgie Wirbelsäule Knie und Sportverletzungen Sprunggelenk und Fuss Obere Extremität, Skelett- und Weichteilrekonstruktion
Oberärzte	Dr. L. Benneker Dr. L. Büchler Dr. U. Haupt Dr. M. Kleinschmidt Dr. F. Krause Dr. A. Krüger Dr. O. Lehmann Dr. D. Sägesser Dr. U. Seidel Dr. Ph. Wildisen	
Assistenzärzte	Dr. S. Brunner Dr. An. Fischer Dr. Al. Fischer Dr. P. Häfliger Dr. S. Heitkemper Dr. C. Hümmer Dr. L. Iselin Dr. M. Janke Dr. G. Klammer Dr. F. Klenke Dr. S. Kohl Dr. T. Kusano Dr. M. Neumann Dr. I. Raabe Dr. C. Rönn Dr. T. Schmid Dr. H.-J. Sebald Dr. M. Tannast Dr. W. Tatus Dr. R. Teuscher Dr. D. Völkle Dr. Ch. Warzecha Dr. V. Wienert Dr. A. Wolf Dr. K. Ziebarth	

Wissenschaftliche Oberärzte und Assistenzärzte	Dr. M. Dudda Dr. T. Ecker Dr. M. Hartel Dr. P. Henle (DKF) Dr. D. Kakaty Dr. H. Kohlhof Dr. T.C. Mamisch Dr. C. Röder Dr. S. Steppacher	
--	---	--

Sekretariat Direktor & Geschäftsleitung Departement DOPH Pflegeleitung OPS Pflegeleitung Klinik Fotolabor	S. Bonacina Ch. Matzner E. Müller U. Widmer	
---	--	--

Kennzahlen (Patienten, Eingriffe)

Stationäre Eingriffe	2007	2008
Wirbelsäule	1'137	1'205
Schultergürtel	335	330
Oberarm, Humerusschaft	42	49
Ellbogen	120	98
Unterarm, Ulna-, Radiuschaft	87	83
Handgelenk, distaler Radius	96	97
Beckengürtel, Hüfte	715	656
Oberschenkel, Femurschaft	176	197
Kniegelenk	787	819
Unterschenkel, Tibia-, Fibulaschaft	186	286
Sprunggelenk, Fusswurzel	132	156
Fuss	431	388
Total	4'244	4'358

Klinik	2007	2008
Patienten inkl. Tagesklinik	2'947	2'903
Pflegetage insgesamt	21'551	22'320
Durchschnittlicher Spitalaufenthalt Tage	7.92	8.30
Durchschnittliche Bettenbelegung	87.72	89.68
Zahl der durchschnittlich betriebenen Betten	68	68
Gesamtbettenzahl	70	70

Polikliniken		2007	2008
Becken, Hüfte	Neue Patienten	450	475
	Kontrollen	1'872	1'893
	Kontrollen Gipszimmer	141	164
Fuss	Neue Patienten	433	390
	Kontrollen	1'278	1'244
	Kontrollen Gipszimmer	980	930
Knie	Neue Patienten	492	509
	Kontrollen	1'706	1'718
	Kontrollen Gipszimmer	377	318
Obere Extremität	Neue Patienten	276	258
	Kontrollen	1'388	1'299
	Kontrollen Gipszimmer	473	508
Wirbelsäule	Neue Patienten	777	775
	Kontrollen	1'943	2'040
	Kontrollen Gipszimmer	327	332
Polikliniken Total	Neue Patienten	2'428	2'407
	Kontrollen	8'187	8'194
	Kontrollen Gipszimmer	2'298	2'252

Kinderorthopädie	2007	2008
Kinderorthopädie Wirbelsäulensprechstunde	142	205
Kinderorthopädie Hüftsprechstunde		36

Zentrale Gipsabteilung	2007	2008
Total Konsultationen	2'939	2'729

Quelle: Qualicare

Forschung und Lehre

Preise und Ehrungen

Hans Debrunner Preis 2008:

68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel,
24.-26.09.2008

Eggli S, Exadaktylos A

Der Berner Sprunggelenktest

Gesundheitspreis 2008:

Inselspital Bern

Haupt U

“Die Insel rennt“

Best Scientific Paper Presentation:

Annual Meeting of the European Society of Radiology (ECR), Wien, Österreich, 07.-10.03.2008

Mamisch TC et al

Three dimensional delayed gadolinium enhanced MRI of cartilage (dGEMRIC) at 3 Tesla for in vivo differentiation of normal hyaline cartilage and reparative tissue in patients after different cartilage reparative procedures: preliminary results.

Best Technical Paper:

8th Annual Meeting of the International Society for Computer Assisted Orthopaedic Surgery (CAOS), Hong Kong, China, June 4-7, 2008

Kozic N, Reyes M, Tannast M, Nolte LP, González-Ballester MA

Assessment of anatomical criteria across populations using statistical shape models and level sets.

Vasey-Award for the Best Swiss National Board Exam

68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel,
24.-26.09.2008

Zumstein MA

Drittmittel

Allevia AG

Kohl S

Projekt: Cartilage Regeneration

CHF 63'000.–

Dauer: 2008

Amgen Extramural Research Alliances

Klenke F

Promoting the resorption of bone substitutes: A new biomaterial coating technique for the administration of the osteoclast growth factor RANKL.

(Bereitstellung von RANKL)

Dauer: 2006–2009

AO Foundation, Davos

Heini P

Prospektive Studie Vertebroplastik

CHF 150'000.–

Dauer: 2006–2010

AO Foundation, Davos, Grant Nr. S-07-26R

Röder C, Elfering A

A prospective binational cohort study of surgical and conservative treatment for back pain with degenerated discs

CHF 120'000.–

Dauer: 2008–2010

Bundesamt für Gesundheit (BAG)

Kohlhof H, Eggli S

Schweizerisches Register für Medikamente in der Pädiatrie

CHF 650'000.–

Dauer: 2008–2009

Bundesamt für Gesundheit (BAG)

Kohlhof H

Aufbau einer schweizweiten Pädiatrie-Datenbank

CHF 600'000.–

Dauer: 2008–2009

Deutsche Arthrose-Stiftung

Siebenrock KA, Nyffeler R

Retrotorsion des Humeruskopfs bei Omarthrose

EUR 33'000.–

Dauer: 2007–2008

Deutsche Arthrose-Hilfe e.V.

Steppacher S, Tannast M, Siebenrock KA

P186-A163-Siebenrock-EP2-step1-hüfte-op-66k-2008-10

Intraoperative Dicke- und Steifigkeitsmessung am Hüftgelenksknorpel beim femoro-azetabulären Impingement

CHF 66'334.–

Dauer: 2008–2010

Dr. H.C. Robert Mathys Stiftung

Hofstetter W, *Siebenrock KA*

P07 0001E/PBMC-particles

Gene expression of peripheral blood mononuclear cells in response to wear particles

CHF 34'030.–

Dauer: 2007–2008

Dr. H.C. Robert Mathys Stiftung, Bettlach

Eggli S, Kohlhof H

Biunikondyläre Prothese

CHF 100'000.–

Dauer: 2008–2009

Dr. H.C. Robert Mathys Stiftung, Bettlach

Hartel M, Eggli S

Prothesendesign asymmetrisches Tibiaplateau

CHF 150'000.–

Dauer: 2008

Dr. H.C. Robert Mathys Stiftung, Bettlach

Klenke FM

RANKL delivering bone substitutes – a new approach to improve the resorption of CaP ceramics.

CHF 27'564.–

Dauer 2008–2010

Dr. H.C. Robert Mathys Stiftung, Bettlach

Kohl S

Projekt: A08_0610_6 ACI_H

CHF 75'000.–

Dauer: 2008

Dr. H.C. Robert Mathys Stiftung, Bettlach

Kohl S

Projekt: ACL-H

CHF 250'000.–

Dauer: 2008

KTI Projekt Bund 2008

Eggli S, Kohlhof H

eMed

CHF 1'500'000.–

Dauer: 2008–2009

KTI/CTI Projekt-Nr. 9556.1

Siebenrock KA, Industriepartner Smith and Nephew

Ultrasound-based intraoperative determination of pelvic orientation and shape – development and clinical evaluation

CHF 654'000.–

Dauer: 2008–2010

Schweizerischer Nationalfonds (SNF) NRP 53 Nr. 405340-104531

Anderson S, *Heini PF*

Frühzeitige Diagnose des Schleudertraumas mit hochauflösender Magnetresonanztomographie.

CHF 412'538.– (wird von Radiologie verwaltet)

Dauer: 2006–2008

Schweizerischer Nationalfonds (SNF) Nr. 5005-66380

Gonzalez Ballester MA, Nolte LP, Székeley G, Olson S, *Siebenrock KA*, Grützner P, Rüfenacht D, Chopard B

Computer assistance in orthopaedic surgery. National Center of Competence in Research CO-ME (Computer Aided and Image Guided Medical Inventions), Phase II

CHF 262'250.– (wird von Zürich verwaltet)

Dauer: 2005–2008

Schweizerischer Nationalfonds (SNF) Nr. 118205

Hunziker EB, Shintani N, *Siebenrock KA*

The influence of age and disease on the chondrogenic potential of human synovial stem cells

CHF 335'000.– (wird von DKF/Universität Bern verwaltet)

Dauer: 2007–2010

SECEC/ESSSE Research grant

Zumstein MA

Tendon repair technique using platelet rich fibrin (PRF) as an autologous augmentation in repair of chronic rotator cuff tendon tears.

CHF 38'500.–

Dauer 2008–2010

Suva-Fonds

Siebenrock KA, Kreutziger J

Wirken Vitamin C und E präventiv hinsichtlich Sudeck-Dystrophie der oberen Extremitäten?

CHF 90'534.–

Dauer: 2006–2010

Swisscom AG

Kohlhof H

Wissenschaftliche Begleitung des Projektes Swiss Essential Data Set (SEDS)/Medical Information Service EVITA

CHF 127'000.–

Dauer: August 2007–August 2008

Swisscom 2008

Kohlhof H, Eggli S

SEDS (swiss essential dataset)

CHF 145'000.–

Dauer: 2008

Swiss Society of Orthopaedic Surgeons

Zumstein MA

Platelet rich fibrin (PRF) as an autologous augmentation in repair of chronic rotator cuff tendon tears.

CHF 35'000.–

Dauer: 2008–2009

Synthes

Heini P

Wissenschaftliche Mitarbeiter Wirbelsäulenchirurgie

CHF 100'000.– jährlich

Dauer: ab 2006 bis auf weiteres

Universität Bern

Klenke FM

Unterstützung zur Vorbereitung eines Forschungsgesuches beim Schweizerischen Nationalfonds (SNF): RANKL delivering bone substitutes – a new approach to improve the resorption of CaP ceramics.

CHF 25'000.–

Dauer: 2008

Universität Bern

Montjovent MO

Unterstützung zur Vorbereitung eines Nationalfondsgesuches

CHF 24'000.–

Dauer: 2008

Universität Bern (Hochschulstiftung)

Siebenrock KA, Tannast M, Langlotz F

Computer-assisted minimally invasive treatment of femoroacetabular impingement.

Project in collaboration with the M.E. Müller Research Center for Orthopaedic Surgery, Institute for Surgical Technologies and Biomechanics: Development of a comprehensive surgical navigation system for minimally invasive treatment of femoroacetabular impingement.

CHF 16'328.–

Dauer: 2006 – 2008

Stipendien

Heini PF

Klinisches Fellowship Wirbelsäulenchirurgie
AO Spine
CHF 70'000.– p.a. bis auf weiteres

Klenke FM

Scholarship Program B: Clinical residential visit to the Mayo Clinic, Rochester, MN, USA
International Bone Research Association (IBRA), Schweiz
CHF 10'000.–

Krause F

Foot & Ankle Fellowship July 2007–June 2008, Prof. Alastair Younger, Department of Orthopaedics, University of British Columbia, Vancouver, BC, Canada
Schweizerische Gesellschaft für Orthopädie und Traumatologie: CHF 20'000.–
Zimmer: CHF 10'000.–
IBRA: CHF 10'000.–

Steppacher S, Tannast M, Murphy SB, Zheng G, Siebenrock KA

Zur Durchführung des Projekts „Accuracy of CT-based Computer-navigated Total Hip Arthroplasty“.
Stipendium für angehende Forscher des Schweizerischen Nationalfonds (SNF) für Forschungsaufenthalt am New England Baptist Hospital, Tufts University, Boston, MA, USA (für Aufenthalt von Januar–Dezember 2008)
USD 35'000.–

Tannast M

Surgical treatment of acetabular fractures – a 20-years perspective.
Project in collaboration with the Hip & Pelvis Institute at St. John's Health Center in Santa Monica, CA, USA.
Travel Fellowship
Association for Orthopaedic Research (AFOR)
EUR 2'000.–

Tannast M, Siebenrock KA, Matta JM

Surgical treatment of acetabular fractures – a 20-years perspective.
Project in collaboration with the Hip & Pelvis Institute at St. John's Health Center in Santa Monica, CA, USA.
Fellowship for advanced researchers (für Aufenthalt Okt. 2008–Sept. 2009)
Schweizerische Stiftung für medizinisch-biologische Stipendien
CHF 80'000.–

Dissertationen

Breuhahn Thomas

Gender related delayed timing of total hip arthroplasty compromises functional long-term outcome in female patients.

Leitung *Dr. C.P. Röder*, Departement Orthopädische Chirurgie, Inselspital, Universitätsklinik Bern, 17.12.2008

Diehl Peter

The SWISSspine registry: a nationwide multicenter study for health technology assessment of lumbar disc prostheses.

Leitung *Dr. C.P. Röder*, Departement Orthopädische Chirurgie, Inselspital, Universitätsklinik Bern, 15.10.2008

Ecker Timo

Pathomorphologic alterations predict presence or absence of hip osteoarthritis.

Leitung *Prof. Dr. K.A. Siebenrock*, Departement Orthopädische Chirurgie, Inselspital, Universitätsklinik Bern, 12.03.2008

Hartl Udo Bernhard

Reduktion der Proteoglykansynthese in bovinen artikulären Chondrozyten in Abhängigkeit von der Konzentration und Dauer einer Eisenüberlagerung.

Leitung *Prof. Dr. K.A. Siebenrock*, Departement Orthopädische Chirurgie, Inselspital, Universitätsklinik Bern, 15.10.2008

Mistry Sapan

Radiographic analysis of femoroacetabular impingement with Hip2Norm – Reliable and validated.

Leitung *Dr. M. Tannast*, Departement Orthopädische Chirurgie, Inselspital, Universitätsspital Bern, 02.07.2008

Pfäffli Sabine

Patients with pelvic ring injuries in hemodynamic shock: the role of the pelvic C-clamp, angiography and embolization.

Leitung *Prof. Dr. P.F. Heini*, Departement Orthopädische Chirurgie, Inselspital, Universitätsklinik Bern, 12.03.2008

Reuss Wolfgang Sebastian

The SWISSspine: a nationwide HTA-registry for balloon kyphoplasty – methodology and first results.

Leitung *Dr. C.P. Röder*, Departement Orthopädische Chirurgie, Inselspital, Universitätsklinik Bern, 17.12.2008

Schlüssmann Eric

SWISSspine: The case of a governmentally mandated HTA-registry for total disc arthroplasty. Methodology and results of cervical disc prostheses.

Leitung *Dr. C.P. Röder*, Departement Orthopädische Chirurgie, Inselspital, Universitätsklinik Bern, 12.03.2008

Wagner Andreas

Could full-body digital X-ray (LODOX-Statscan) screening in trauma challenge conventional radiography?

Leitung *Dr. L. Benneker*, Departement Orthopädische Chirurgie, Inselspital, Universitätsspital Bern, 17.12.2008

Originalarbeiten In-House

Benneker LM, Heini PF, Suhm N, Gisep A

The effect of pulsed jet lavage in vertebroplasty on injection forces of polymethylmethacrylate bone cement, material distribution, and potential fat embolism: a cadaver study. *Spine*. 2008 Nov 1;33(23):E906-10.

Benneker LM, Leitner C, Martinolli L, Kretschmer R, Zimmermann H, Exadaktylos AK

Isolated vertebral fractures give elevated serum protein S-100B levels. *Scand J Trauma Resusc Emerg Med*. 2008 Nov 7;16(1):13.

Bittersohl B, Mamisch TC, Welsch GH, Stratmann J, Forst R, Swoboda B, Bautz W, von Rechenberg B, Cavallaro A

Experimental model to evaluate in vivo and in vitro cartilage MR imaging by means of histological analyses. *Eur J Radiol*. 2008 Apr 21.

Busato A, Röder C, Herren S, Eggli S

Influence of high BMI on functional outcome after total hip arthroplasty. *Obes Surg*. 2008 May;18(5):595-600.

Ecker TM, Kleinschmidt M, Martinolli L, Zimmermann H, Exadaktylos AK

Clinical presentation of a traumatic cervical spine disc rupture in alpine sports: a case report. *Scand J Trauma Resusc Emerg Med*. 2008 Nov 12;16(1):14.

Ecker TM, Robbins C, van Flandern G, Patch D, Steppacher SD, Bierbaum B, Murphy SB

Squeaking in total hip replacement: no cause for concern. *Orthopedics*. 2008 Sep;31(9):875-6, 884.

Eggli S, Hartel MJ, Kohl S, Haupt U, Exadaktylos AK, Röder C

Unstable bicondylar tibial plateau fractures: a clinical investigation. *J Orthop Trauma*. 2008 Nov-Dec;22(10):673-9.

Haupt U, Völkle D, Waldherr C, Beck M

Intra- and retroperitoneal irrigation liquid after arthroscopy of the hip joint. *Arthroscopy* 2008 Aug;24(8):966-8.

Henle P, Tannast M, Siebenrock KA

Bildgebende Diagnostik der Hüftdysplasie. *Der Orthopäde*. 2008 Juni;37(6):525-31.

Janke M, Börner M, Mueller-Garamvölgyi E, Hess R

56-jährige Patientin mit pathologischer subkapitaler Humerusfraktur bei Morbus Gaucher. *Der Orthopäde*. 2008 März;37(3):251-6.

Janke M, Warzecha C, Ballmer PM

Traumatische chronische Instabilität des proximalen Tibiofibulargelenkes. *Der Unfallchirurg*. 2008 Dezember;111(12):1033-6.

Klenke FM, Liu Y, Yuan H, Hunziker EB, Siebenrock KA, Hofstetter W

Impact of pore size on the vascularization and osseointegration of ceramic bone substitutes in vivo. *J Biomed Mater Res A*. 2008 Jun 1;85(3):777-86.

Koch PP, Tannast M, Fujita H, Siebenrock KA, Ganz R

Minimum ten year results of total hip arthroplasty with the acetabular reinforcement ring in avascular osteonecrosis. *Int Orthop*. 2008 Apr;32(2):173-9.

Krause F, Gathmann S, Gorschewsky O

The use of intramedullary helix wire for the treatment of proximal humerus fractures. *J Orthop Trauma*. 2008;22(2):96-101.

Krause F, Bosshard A, Lehmann O, Weber M

Shell brace for stage II posterior tibial tendon insufficiency. *Foot Ankle Int*. 2008 Nov;29(11):1095-100.

Krause FG, Wing KJ, Younger AS

Neuromuscular issues in cavovarus foot. *Foot Ankle Clin*. 2008 Jun;13(2):243-58.

Mamisch TC, Bittersohl B, Hughes T, Kim YJ, Welsch GH, Dudda M, Siebenrock KA, Werlen S, Trattinig S

Magnetic resonance imaging of the hip at 3 Tesla: clinical value in femoroacetabular impingement of the hip and current concepts. *Semin Musculoskelet Radiol*. 2008 Sep;12(3):212-22.

Mamisch TC, Dudda M, Hughes T, Burstein D, Kim YJ

Comparison of delayed gadolinium enhanced MRI of cartilage (dGEMRIC) using inversion recovery and fast T1 mapping sequences. *Magn Reson Med*. 2008 Oct;60(4):768-73.

Mamisch TC, Menzel MI, Welsch GH, Bittersohl B, Salomonowitz E, Szomolanyi P, Kordelle J, Marlovits S, Trattinig S

Steady-state diffusion imaging for MR in-vivo evaluation of reparative cartilage after matrix-associated autologous chondrocyte transplantation at 3 tesla – preliminary results. *Eur J Radiol*. 2008 Jan;65(1):72-9.

Melloh M, Staub L, Aghayev E, Zweig T, Barz T, Theis JC, Chavanne A, Grob D, Aebi M, Roeder C

The international spine registry SPINE TANGO: status quo and first results. *Eur Spine J*. 2008 Sep;17(9):1201-9.

Röder C, Eggli S, Münger P, Melloh M, Busato A

Patient characteristics differently affect early cup and stem loosening in THA: a case-control study on 7535 patients. *Int Orthop*. 2008 Feb;32(1):33-8.

Sadri H, Pfander G, Siebenrock KA, Tannast M, Koch P, Fujita H, Ballmer P, Ganz R

Acetabular reinforcement ring in primary total hip arthroplasty: a minimum 10-year follow-up. *Arch Orthop Trauma Surg*. 2008 Aug;128(8):869-77.

Steppacher SD, Ecker TM, Timmerman I, Murphy SB

Managing length and stability: the role of the modular neck. *Orthopedics*. 2008 Sep; 31(9):900-2.

Steppacher SD, Tannast M, Ganz R, Siebenrock KA

Mean 20-year followup of Bernese periacetabular osteotomy. *Clin Orthop Relat Res*. 2008 Jul; 466(7):1633-44.

Steppacher SD, Tannast M, Werlen S, Siebenrock KA

Femoral morphology differs between deficient and excessive acetabular coverage. *Clin Orthop Relat Res*. 2008 Apr;466(4):782-90.

Tannast M, Goricki D, Beck M, Murphy S, Siebenrock KA

Hip damage occurs at the zone of femoroacetabular impingement. *Clin Orthop Rel Res*. 2008 Feb;466(2):273-80.

Tannast M, Mistry S, Steppacher SD, Reichenbach S, Langlotz F, Siebenrock KA, Zheng G
Radiographic analysis of femoroacetabular impingement with Hip2Norm – reliable and validated. J Orthop Res. 2008 Sep; 26(9):1199-205.

Tannast M, Siebenrock KA, Anderson SE
Femoroacetabular impingement: radiographic diagnosis – what the radiologist should know. Radiologia 2008 Jul-Aug;50(4):271-84.

Weber M, Lehmann O, Sägesser D, Krause F
Limited open reduction and fixation of displaced intra-articular fractures of the calcaneum. J Bone Joint Surg Br. 2008;90-B(12):1608-16.

Welsch GH, Trattinig S, Scheffler K, Szomonanyi P, Quirbach S, Marlovits S, Domayer S, Bieri O, Mamisch TC
Magnetization transfer contrast and T2 mapping in the evaluation of cartilage repair tissue with 3T MRI. J Magn Reson Imaging. 2008 Oct;28(4):979-86.

Zumstein MA, Hodler J, Jost B, Hempel J, Gerber C
The clinical and structural long-term results of open repair of massive tears of the rotator cuff. J Bone Joint Surg Am. 2008 Nov;90(11):2423-31.

Originalarbeiten Kollaborationen

Aghayev E, Staub L, Dirnhofer R, Ambrose T, Jackowski C, Yen K, Bolliger S, Christe A, Roeder C, Aebi M, Thali MJ

Virtopsy – the concept of a centralized database in forensic medicine for analysis and comparison of radiological and autopsy data. *J Forensic Leg Med.* 2008 Apr;15(3):135-40.

Barz T, Melloh M, Staub L, Roeder C, Lange J, Smiszek FG, Theis JC, Merk HR

The diagnostic value of a treadmill test in predicting lumbar spinal stenosis. *Eur Spine J.* 2008 May;17(5):686-90.

Betsch BY, Eggli S, Siebenrock KA, Täuber MG, Mühlemann K

Treatment of joint prosthesis infection in accordance with current recommendations improves outcome. *Clin Infect Dis.* 2008 Apr 15;46(8):1221-6.

Bieri O, Mamisch TC, Trattnig S, Kraff O, Ladd ME, Scheffler K

Optimized spectrally selective steady-state free precession sequences for cartilage imaging at ultra-high fields. *MAGMA.* 2008 Mar;21(1-2):87-94.

Bieri O, Mamisch TC, Trattnig S, Scheffler K

Steady state free precession magnetization transfer imaging. *MAGMA Magn Reson Med.* 2008 Nov;60(5):1261-6.

Boger A, Bisig A, Bohner M, Heini P, Schneider E

Variation of the mechanical properties of PMMA to suit osteoporotic cancellous bone. *J Biomater Sci Polym Ed.* 2008;19(9):1125-42.

Boger A, Bohner M, Heini P, Schwieger K, Schneider E

Performance of vertebral cancellous bone augmented with compliant PMMA under dynamic loads. *Acta Biomater.* 2008 Nov;4(6):1688-93.

Boger A, Bohner M, Heini P, Verrier S, Schneider E

Properties of an injectable low modulus PMMA bone cement for osteoporotic bone. *J Biomed Mater Res B Appl Biomater.* 2008 Aug;86B(2):474-82.

Braunstein V, Sprecher CM, Gisep A, Benneker L, Yen K, Schneider E, Heini P, Milz S

Long-term reaction to bone cement in osteoporotic bone: new bone formation in vertebral bodies after vertebroplasty. *J Anat.* 2008 May;212(5):697-701.

Chevalier Y, Charlebois M, Pahr D, Varga P, Heini P, Schneider E, Zysset P

A patient-specific finite element methodology to predict damage accumulation in vertebral bodies under axial compression, sagittal flexion and combined loads. *Comput Methods Biomech Biomed Engin.* 2008 Oct;11(5):477-87.

Chevalier Y, Pahr D, Charlebois M, Heini P, Schneider E, Zysset P

Cement distribution, volume, and compliance in vertebroplasty: some answers from an anatomy-based nonlinear finite element study. *Spine.* 2008 Jul 15;33(16):1722-30.

Diaz-Romero J, Nesic D, Grogan SP, Heini P, Mainil-Varlet P

Immunophenotypic changes of human articular chondrocytes during monolayer culture reflect bona fide dedifferentiation rather than amplification of progenitor cells. *J Cell Physiol.* 2008 Jan;214(1):75-83.

Domayer SE, Kutscha-Lissberg F, Welsch G, Dorotka R, Nehrer S, Gäbler C, *Mamisch TC*, Trattnig S

T2 mapping in the knee after microfracture at 3.0 T: correlation of global T2 values and clinical outcome – preliminary results. *Osteoarthritis Cartilage*. 2008 Aug;16(8):903-8.

Domayer SE, Welsch GH, Dorotka R, *Mamisch TC*, Marlovits S, Szomolanyi P, Trattnig S
MRI monitoring of cartilage repair in the knee: a review. *Semin Musculoskelet Radiol*. 2008 Dec;12(4):302-17.

Espinosa N, *Dudda M*, Andersen J, Bernardi M, Kasser JR

Prediction of spatial orientation and morphology of calcaneonavicular coalitions. *Foot Ankle Int*. 2008 Feb;29(2):205-12.

Exadaktylos AK, *Benneker LM*, Jeger V, Martinolli L, Bonel HM, *Eggli S*, Potgieter H, Zimmermann H

Total-body digital X-ray in trauma. An experience report on the first operational full body scanner in Europe and its possible role in ATLS. *Injury*. 2008 May;39(5):525-9.

Franz T, Hasler RM, *Benneker L*, Zimmermann H, *Siebenrock KA*, Exadaktylos AK
Severe spinal injuries in alpine skiing and snowboarding: a 6-year review of a tertiary trauma centre for the Bernese Alps ski resorts, Switzerland. *Br J Sports Med*. 2008 Jan;42(1):55-8.

Fuchs B, *Zumstein MA*, Regenfelder F, Steinmann P, Fuchs T, Husmann K, Hellermann J, Jost B, Hodler J, Born W, Gerber C

Upregulation of alpha-skeletal muscle actin and myosin heavy polypeptide gene products in degenerating rotator cuff muscles. *J Orthop Res*. 2008 Jul;26(7):1007-11.

Gengenbacher M, *Sebald HJ*, Villiger PM, Hofstetter W, Seitz M

Infliximab inhibits bone resorption by circulating osteoclast precursor cells in patients with rheumatoid arthritis and ankylosing spondylitis. *Ann Rheum Dis*. 2008 May;67(5):620-4.

Hilty MP, Behrendt I, *Benneker LM*, Martinolli L, Stoupis C, Buggy DJ, Zimmermann H, Exadaktylos AK

Pelvic radiography in ATLS algorithms: a diminishing role? *World J Emerg Surg*. 2008 Mar 4;3(1):11.

Kickuth R, Waldherr C, Hoppe H, Bonel HM, Ludwig K, *Beck M*, Triller J

Interventional management of hypervascular osseous metastasis: role of embolotherapy before orthopedic tumor resection and bone stabilization. *AJR Am J Roentgenol*. 2008 Dec;191(6):W240-47.

Kim YJ, Bixby S, *Mamisch TC*, Clohisy JC, Carlisle JC

Imaging structural abnormalities in the hip joint: instability and impingement as a cause of osteoarthritis. *Semin Musculoskelet Radiol*. 2008 Dec;12(4):334-45.

Locher S, Burmeister H, Böhlen T, Eichenberger U, Stoupis C, Moriggl B, *Siebenrock K*, Curatolo M

Radiological anatomy of the obturator nerve and its articular branches: basis to develop a method of radiofrequency denervation for hip joint pain. *Pain Med*. 2008 Apr;9(3):291-8.

Marlovits S, *Mamisch TC*, Vekszler G, Resinger C, Trattnig S

Magnetic resonance imaging for diagnosis and assessment of cartilage defect repairs. *Injury*. 2008 Apr;39 Suppl 1:S13-25.

- Melloh M, Aebli N, Elfering A, Röder C, Zweig T, Barz T, Herbison P, Hendrick P, Bajracharya S, Stout K, Theis JC
Development of a screening tool predicting the transition from acute to chronic low back pain for patients in a GP setting: protocol of a multinational prospective cohort study. BMC Musculoskelet Disord. 2008 Dec 19;9(1):167.
- Melloh M, Röder C, Elfering A, Theis JC, Müller U, Staub LP, Aghayev E, Zweig T, Barz T, Kohlmann T, Wieser S, Jüni P, Zwahlen M
Differences across health care systems in outcome and cost-utility of surgical and conservative treatment of chronic low back pain: a study protocol. BMC Musculoskelet Disord. 2008 Jun 6;9:81.
- Moor BK, Klammer G, Maquieira GJ, Espinosa N
Salvage arthrodesis after failed total ankle replacement: reconstruction with structural allograft and intramedullary nail. Techniques in Foot & Ankle Surgery. 2008;7(4):271-78.
- Müller U, Tänzler K, Bürger A, Staub L, Tamcan O, Roeder C, Jüni P, Trelle S
A pain assessment scale for population-based studies: development and validation of the pain module of the Standard Evaluation Questionnaire. Pain. 2008 May;136(1-2):62-74.
- Pinker K, Szomolanyi P, Welsch GC, Mamisch TC, Marlovits S, Stadlbauer A, Trattnig S
Longitudinal evaluation of cartilage composition of matrix-associated autologous chondrocyte transplants with 3-T delayed gadolinium-enhanced MRI of cartilage. AJR Am J Roentgenol. 2008 Nov;191(5):1391-6.
- Schwab P, Benneker LM, Eggli S, Zimmermann H, Exadaktylos AK
Outcome and patients' satisfaction after functional treatment of acute lateral ankle injuries at emergency departments versus family doctor offices. BMC Fam Pract. 2008 Dec 23;9:69.
- Slongo T, Schmid T, Wilkins K, Joeris A
Lateral external fixation – a new surgical technique for displaced unreducible supracondylar humeral fractures in children. J Bone Joint Surg Am. 2008 Aug;90(8):1690-7.
- Trattnig S, Mamisch TC, Pinker K, Domayer S, Szomolanyi P, Marlovits S, Kutscha-Lissberg F, Welsch GH
Differentiating normal hyaline cartilage from post-surgical repair tissue using fast gradient echo imaging in delayed gadolinium-enhanced MRI (dGEMRIC) at 3 Tesla. Eur Radiol. 2008 Jun;18(6):1251-9.
- Wagner S, Gollwitzer H, Wernicke D, Langer R, Siebenrock KA, Hofstetter W
Interface membrane fibroblasts around aseptically loosened endoprostheses express MMP-13. J Orthop Res. 2008 Feb;26(2):143-52.
- Weiss S, Henle P, Bidlingmaier M, Moghaddam A, Kasten P, Zimmermann G
Systemic response of the GH/IGF-I axis in timely versus delayed fracture healing. Growth Horm IGF Res. 2008 Jun;18(3):205-12.
- Welsch GH, Mamisch TC, Domayer SE, Dorotka R, Kutscha-Lissberg F, Marlovits S, White LM, Trattnig S
Cartilage T2 assessment at 3-T MR imaging: in vivo differentiation of normal hyaline cartilage from reparative tissue after two cartilage repair procedures – initial experience. Radiology. 2008 Apr;247(1):154-61.
- Welsch GH, Mamisch TC, Hughes T, Domayer S, Marlovits S, Trattnig S
Advanced morphological and biochemical magnetic resonance imaging of cartilage repair procedures in the knee joint at 3 Tesla. Semin Musculoskelet Radiol. 2008 Sep;12(3):196-211.

Welsch GH, *Mamisch TC*, Hughes T, Zilkens C, Quirbach S, Scheffler K, Kraff O, Schweitzer ME, Szomolanyi P, Trattnig S
In vivo biochemical 7.0 Tesla magnetic resonance: preliminary results of dGEMRIC, zonal T2, and T2* mapping of articular cartilage. *Invest Radiol.* 2008 Sep;43(9):619-26.

Welsch GH, *Mamisch TC*, Weber M, Horger W, Bohndorf K, Trattnig S
High-resolution morphological and biochemical imaging of articular cartilage of the ankle joint at 3.0 T using a new dedicated phased array coil: in vivo reproducibility study. *Skeletal Radiol.* 2008 Jun;37(6):519-26.

Xafis K, Thalmann G, *Benneker LM*, Stoupis C, Buggy DJ, Zimmermann H, Exadaktylos AK
Forget the blood, not the stone! Microhematuria in acute urolithiasis and the role of early CT scanning. *Emerg Med J.* 2008 Oct;25(10):640-4.

Übrige Publikationen

Baroud G, Böhner M, Murphy K, Munk PL, McKiernan F, *Heini P*, Faciszewski T
Re: Weisskopf M, Ohnsorge JA, Niethard FU. Intravertebral pressure during vertebroplasty and balloon kyphoplasty: an in-vitro study. *Spine*. 2008 Dec 1;33(25):2839-40 (Comment).

Henle P, Siebenrock KA

Abstützschale ohne Laschen: Die Hakendachschale in der Revision komplexer Pfannenlockerungen. In: Wirtz D, Rader C, Reichel H (Hrsg.): *Revisionsendoprothetik der Hüftpfanne*. Springer-Verlag, Berlin, Heidelberg, 2008, pp. 165-176.

Kohl S, Eggli S

Zweiseitiger Knie-TP-Wechsel bei Infekt: Entwicklung von Gussformen zur intraoperativen Herstellung von Zementprothesen. *Leading Opinions*. 2008 May;3:61-75.

Kohlhof H

Verbesserte Medikationsprozesse im Inselspital Bern. *f&w – Führen und Wirtschaften im Krankenhaus*. 2008 Nov./Dez.;25(6):649-51.

Kohlhof H, Eggli S

eMed: der Weg zu einem schweizweiten Qualitätsstandard in der Medikamentenverordnung. In Oggier W et al. (Hrsg.): *Gesundheitswesen Schweiz im Umbruch*. Trend Care AG, Sursee, 2008, Kapitel 10.7.

Kozic N, Gonzalez Ballester MA, *Tannast M*, Nolte LP, Reyes M

Statistical shape space analysis based on level sets. In: Dohl T, Sakuma I, Liao H (eds.): *Medical Imaging and Augmented Reality/MIAR*. Springer Verlag, Berlin, Heidelberg, 2008, pp. 160-167.

Krause F, Younger A, Weber M

Letter to the editor: Recombinant human BMP-2 and allograft compared with autogenous bone graft for reconstruction of diaphyseal tibial fractures with cortical defects. *J Bone Joint Surg Am*. 2008 May;90(5):1168.

Steinbrück I, Baumhoer D, *Henle P*

Intensivkurs Anatomie, ISBN 978-3-437-43670-3. Urban & Fischer Verlag/Elsevier, München, Heidelberg, Jena, 1. Auflage 2008.

Steppacher SD, Tannast M, Siebenrock KA

Labrumläsionen des Hüftgelenkes. *Orthopädie und Unfallchirurgie „up2date“*. Beckengürtel und untere Extremität. Georg Thieme Verlag KG, Stuttgart, New York. 2008;3:215-32.

Tannast M, Kubiak-Langer M, Murphy SB, *Ecker TM*, Puls M, Langlotz F, *Siebenrock KA*

Computer-assisted simulation of femoroacetabular impingement surgery. Concept and preliminary clinical results. In: Stiehl JB, Konermann WH, Haaker RG, DiGioia AM (eds.): *Navigation and MIS in Orthopaedic Surgery*. Springer Verlag, Berlin, Heidelberg, 2008, pp. 440-447.

Tannast M, Siebenrock KA

Imaging: plain radiographs. *Surgical techniques in hip arthroscopy and joint preserving surgery* (Auftraggeber Leunig). 2008.

Wildisen P

Plica mediopatellaris – Pathologie oder Normvariante. *Journal Schweizerische Sportmedizinische Gesellschaft SGSM*, 2008.

Abstracts

Ecker TM, Robbins C, van Flandern G, Patch D, Steppacher SD, Bierbaum B, Murphy SB
Avoiding complications in the use of the alumina ceramic on ceramic articulations: Pearls and pitfalls. 21st Annual Congress of the International Society for Technology in Arthroplasty (ISTA), Seoul, South Korea, October 1-4, 2008.

Ecker TM, Steppacher SD, Haimerl M, Murphy SB
Computer-assisted intraoperative measurement of leg length in total hip arthroplasty: An accurate and simple method. In: Davies BL, Joskowicz L, Leung KS (eds). Computer Assisted Orthopaedic Surgery. Berlin, Deutschland, ProBusiness: 2008, pp. 73-75.

Ecker TM, Steppacher SD, Tannast M, Murphy SB
Outcome of ceramic-ceramic total hip arthroplasty in patients with developmental dysplasia of the hip. 39th Annual Meeting of the Eastern Orthopaedic Association, Lake Las Vegas, Nevada, USA, October 22-25, 2008.

Ecker TM, Steppacher SD, Tannast M, Murphy SB
Safety and recovery after total hip arthroplasty using the superior capsulotomy technique. 39th Annual Meeting of the Eastern Orthopaedic Association, Lake Las Vegas, Nevada, USA, October 22-25, 2008.

Ecker TM, Tannast M, Puls M, Siebenrock KA, Murphy SB
Pathomorphological findings and prearthrotic deformities predicting osteoarthritis of the hip joint. J Arthroplasty 2008;23(2):327.

Friedrich KM, Plank C, Welsch GH, Langs G, Salomonowitz E, Trattnig S, Mamisch TC
Diffusion-weighted imaging of knee cartilage at 3.0T: Follow up of patients after matrix-associated autologous chondrocyte transplantation. Annual Meeting of the European Society of Radiology (ECR), Wien, Österreich, 07.-10.03.2008.

Klenke FM, Wernike E, Liu Y, Sebald HJ, Hunziker EB, Siebenrock KA, Hofstetter W
Long-term release of bioactive BMP2 from BCP ceramics via cell-mediated growth factor liberation. 9th Annual Meeting of the European Federation of National Associations of Orthopaedics and Traumatology (EFORT), Nice, France, May 29–June 1, 2008.

Kozic N, Reyes M, Tannast M, Nolte LP, González-Ballester MA
Assessment of anatomical criteria across populations using statistical shape models and level sets. In: Davies BL, Joskowicz L, Leung KS (eds). Computer Assisted Orthopaedic Surgery. Berlin, Deutschland, ProBusiness: 2008, pp. 46-49.

Mamisch TC, Rechenberg B, Fiechter R, Siebenrock KA
Experimentally induced early degeneration of the hip joint in a sheep model. OARSI, World Congress on Osteoarthritis, Rome, Italy, September 18-21, 2008.

Mamisch TC, Welsch GH, Quirbach S, Marlovits S, Trattnig S
Assessment of cartilage unloading by quantitative T2 mapping of knee cartilage: Initial results on the differentiation of healthy and altered cartilage. OARSI, World Congress on Osteoarthritis, Rome, Italy, September 18-21, 2008.

Mamisch TC, Welsch GH, Quirbach S, Marlovits S, Trattnig S
Quantitative T2 mapping of knee cartilage: Initial results on the differentiation of healthy and altered articular cartilage of the knee by means of unloading. 16th Scientific Meeting of the International Society for Magnetic Resonance in Medicine (ISMRM), Toronto, Canada, May 3-9, 2008.

Murphy SB, Ecker TM, Tannast M
Incidence of squeaking after alumina ceramic-ceramic total hip arthroplasty. J Arthroplasty 2008;23(2):327.

Pinker K, Szolomanyi P, Welsch GH, Mamisch TC, Marlovits TC, Trattnig S
3D GRE sequence with two different flip angle excitation pulses for zonal T1-mapping of articular cartilage at 3T: One-year follow-up in patients after matrix-associated autologous chondrocyte transplantation (MACT) of the knee joint. Annual Meeting of the European Society of Radiology (ECR), Wien, Österreich, 07.-10.03.2008.

Pinker K, Szomolanyi P, Welsch GH, Mamisch TC, Marlovits S, Trattnig S
3D GRE sequence with two different flip angle excitation pulses for zonal T1-mapping of articular cartilage at 3T: One-year follow-up in patients after matrix associated autologous chondrocyte transplantation (MACT) of the knee joint. 16th Scientific Meeting of the International Society for Magnetic Resonance in Medicine (ISMRM), Toronto, Canada, May 3-9, 2008.

Plank CM, Friedrich K, Langs G, Welsch GH, Mamisch TC, Trattnig S
T2-mapping versus diffusion-weighted imaging for the assessment of cartilage repair tissue after matrix-associated autologous chondrocyte transplantation at 3.0 T. Annual Meeting of the European Society of Radiology (ECR), Wien, Österreich, 07.-10.03.2008.

Puls M, Steppacher SD, Siebenrock KA, Tannast M, Kowal J
The equidistant method: A novel, robust and accurate strategy for computer-simulated femoroacetabular impingement detection. In: Davies BL, Joskowicz L, Leung KS (eds). Computer Assisted Orthopaedic Surgery. Berlin, Deutschland, ProBusiness: 2008, pp. 101-104.

Puls M, Steppacher SD, Tannast M, Kowal J
Simulation of hip joint motion for impingement detection: A comparison of four strategies. J Biomechanics. 2008; 41(S1):S166.

Quirbach S, Trattnig S, Friedrich K, Marlovits S, Mamisch TC, Welsch GH
Diffusionsgewichtete MR-Bildgebung des Kniegelenks bei 3.0T: Follow-Up von Patienten nach Matrix-assoziiierter autologer Chondrocyten-Transplantation. Deutscher Kongress für Orthopädie und Unfallchirurgie, Berlin, Deutschland, 22.-25.10.2008.

Quirbach S, Trattnig S, Marlovits S, Zimmermann V, Dorotka R, Domayer SE, Mamisch TC, Welsch GH
Initial results on in-vivo high-resolution biochemical cartilage imaging of patients after matrix-associated autologous chondrocyte implantation (MACI) of the ankle. OARSI, World Congress on Osteoarthritis, Rome, Italy, September 18-21, 2008.

Quirbach S, Welsch GH, Scheffler K, Marlovits S, Domayer SE, Bieri O, Mamisch TC, Trattnig S
Evaluation of cartilage repair tissue using novel contrast mechanism – initial results of magnetization transfer contrast compared to T2 relaxation. OARSI, World Congress on Osteoarthritis, Rome, Italy, September 18-21, 2008.

Röder C, Diel P, Benneker L, Heini P
Eine prospektive Einjahresfallserie von 242 Vertebroplastiken in einer akademischen Wirbelsäuleneinrichtung mit hohem OP-Volumen: Patientencharistika, Behandlungsergebnisse und Komplikationen. 3. Jahrestagung der Deutschen Wirbelsäulengesellschaft (DWG), Ulm, Deutschland, 27.-29.11.2008.

Schumann S, Tannast M, Nolte LP, Zheng G

Calibration of preoperative 2D X-ray radiographs and its potential applications in computer-assisted total hip replacement. In: Davies BL, Joscowicz L, Leung KS (eds). Computer Assisted Orthopaedic Surgery. Berlin, Deutschland, ProBusiness: 2008, pp. 382-384.

Stelzeneder D, Domayer SE, Welsch GH, Szomolanyi P, Quirbach S, Dorotka R, Nehrer S, Mamisch TC, Trattnig S

Prospective analysis of autologous chondrocyte transplantation of the knee with dGEMRIC and T2 mapping at 3T. OARSI, World Congress on Osteoarthritis, Rome, Italy, September 18-21, 2008.

Steppacher SD, Ecker TM, Haimerl M, Murphy SB

Computer-assisted intraoperative measurement of leg length in total hip arthroplasty: An accurate and simple method. 8th Annual Meeting of the International Society for Computer Assisted Orthopaedic Surgery (CAOS), Hong Kong, China, June 4-7, 2008.

Steppacher SD, Ecker TM, Murphy SB

Outcome of ceramic-ceramic total hip arthroplasty at two to ten years in patients with developmental dysplasia of the hip. 21st Annual Congress of the International Society for Technology in Arthroplasty (ISTA), Seoul, South Korea, October 1-4, 2008.

Steppacher SD, Ecker TM, Tannast M, Murphy SB

Clinical experience with the ceramic on ceramic articulation in THR in the USA. 21st Annual Congress of the International Society for Technology in Arthroplasty (ISTA), Seoul, South Korea, October 1-4, 2008.

Steppacher SD, Ecker TM, Tannast M, Murphy SB

Outcome of ceramic-ceramic total hip arthroplasty in patients younger than 50 years. 39th Annual Meeting of the Eastern Orthopaedic Association, Lake Las Vegas/Nevada, USA, October 22-25, 2008

Steppacher SD, Tannast M, Zheng G, Ganz R, Siebenrock KA

Computer-assisted detection of radiographic parameters predicting poor long-term outcome of Bernese periacetabular osteotomy. In: Davies BL, Joscowicz L, Leung KS (eds). Computer Assisted Orthopaedic Surgery. Berlin, Deutschland, ProBusiness: 2008, pp. 64-66.

Tannast M, Mistry S, Steppacher SD, Siebenrock KA, Zheng G

Are there inert radiographic parameters on AP pelvic radiographs? A computer-assisted study. In: Davies BL, Joscowicz L, Leung KS (eds). Computer Assisted Orthopaedic Surgery. Berlin, Deutschland, ProBusiness: 2008, pp. 292-294.

Tannast M, Röthlisberger M, Gathmann S, Steppacher SD, Murphy SB, Langlotz F, Siebenrock KA

The interrelationship among different reference coordinate systems of the pelvis – a computer-assisted anatomical study In: Davies BL, Joscowicz L, Leung KS (eds). Computer Assisted Orthopaedic Surgery. Berlin, Deutschland, ProBusiness: 2008, pp. 185-188.

Trattnig S, Mamisch TC, Marlovits S, Juras V, Welsch GH

Kinematic biochemical studies of cartilage transplants at 3Tesla. 16th Scientific Meeting of the International Society for Magnetic Resonance in Medicine (ISMRM), Toronto, Canada, May 3-9, 2008.

Trattnig S, *Mamisch TC*, Pinker K, Domayer SE, Szolomaniy P, Marlovits S, Kutscha-Lissberg F, Welsch GH

In-vivo differentiation of normal hyaline cartilage and reparative tissue in patients after different cartilage repair procedures using three-dimensional dGEMRIC at 3 Tesla. OARSI, World Congress on Osteoarthritis, Rome, Italy, September 18-21, 2008.

Trattnig S, *Mamisch TC*, Pinker K, Szomolanyi P, Marlovits S, Kutscha-Lissberg F, Welsch GH
Three-dimensional delayed gadolinium enhanced MRI of cartilage (dGEMRIC) at 3 Tesla for in vivo differentiation of normal hyaline cartilage and reparative tissue in patients after different cartilage repair procedures: Preliminary results. Annual Meeting of the European Society of Radiology (ECR), Wien, Österreich, 07.-10.03.2008.

Trattnig S, Welsch GH, *Mamisch TC*, Schaffler K, Hughes T, Ladd M, Szomolanyi P
dGEMRIC at 7 Tesla – Feasibility Study. 16th Scientific Meeting of the International Society for Magnetic Resonance in Medicine (ISMRM), Toronto, Canada, May 3-9, 2008.

Welsch GH, Hughes T, Quirbach S, Domayer SE, Marlovits S, Trattnig S, *Mamisch TC*
T2 and T2* relaxation as a means to evaluate cartilage repair tissue – initial results. 16th Scientific Meeting of the International Society for Magnetic Resonance in Medicine (ISMRM), Toronto, Canada, May 3-9, 2008.

Welsch GH, *Mamisch TC*, Domayer S, Kutscha-Lissberg F, Marlovits S, Trattnig S
Differenzierung von Knorpelersatzgewebe nach Mikrofrakturierung (MFX) und Matrix-assoziiierter autologen Chondrozyten-Transplantation (MACT) mittels dGEMRIC (delayed Gadolinium Enhanced MRI of Cartilage). Deutscher Jahreskongress für Orthopädie und Unfallchirurgie, Berlin, Deutschland, 22.-25.10.2008.

Welsch GH, *Mamisch TC*, Hughes T, Schweitzer M, Quirbach S, Zillkens C, Kraff O, Schaffler K, Trattnig S
7 Tesla MR – initial results on T2 and T2* mapping of healthy articular cartilage and cartilage repair tissue. 16th Scientific Meeting of the International Society for Magnetic Resonance in Medicine (ISMRM), Toronto, Canada, May 3-9, 2008.

Welsch GH, *Mamisch TC*, Hughes T, Schweitzer M, Quirbach S, Zillkens C, Kraff O, Schaffler K, Szolomanyi P, Trattnig S
Clinical potential of in-vivo biochemical 7.0 Tesla MR – Preliminary results of dGEMRIC, Zonal T2 and T2* mapping of articular cartilage. OARSI, World Congress on Osteoarthritis, Rome, Italy, September 18-21, 2008.

Welsch GH, *Mamisch TC*, Marlovits S, Glaser C, Friedrich F, Hennig FF, Gruber S, Trattnig S
Quantitative T2 mapping during follow-up after matrix-associated autologous chondrocyte transplantation (MACT): Zonal variation as a marker to visualize the maturation of cartilage repair tissue. ISS, New Delhi, India, October 28–November 1, 2008.

Welsch GH, *Mamisch TC*, Weber K, Horger W, Bohndorf K, Trattnig S
High-resolution morphological and biochemical imaging of articular cartilage of the ankle joint at 3.0 T using a new dedicated phased array coil: In-vivo reproducibility study. 16th Scientific Meeting of the International Society for Magnetic Resonance in Medicine (ISMRM), Toronto, Canada, May 3-9, 2008.

Welsch GH, Trattnig S, Domayer S, Marlovits S, White LM, *Mamisch TC*
Clinical use of diffusion weighted imaging and T2 mapping for the differentiation of cartilage repair tissue in patients after microfracture (MFX) and matrix-associated autologous chondrocyte transplantation (MACT): A feasibility study. OARSI, World Congress on Osteoarthritis, Rome, Italy, September 18-21, 2008.

Welsch GH, Trattnig S, Quirbach S, Domayer S, Marlovits S, *Mamisch TC*
Multimodale Nachuntersuchung verschiedener Knorpelersatztherapieverfahren mittels
klinischer, MR-morphologischer und MR-biochemischer Evaluation. Deutscher Kongress für
Orthopädie und Unfallchirurgie, Berlin, Deutschland, 22.-25.10.2008.

Welsch GH, Trattnig S, Quirbach S, Marlovits S, Domayer SE, Bieri O, Scheffler K, *Mamisch TC*
Magnetization transfer contrast and T2 relaxation in the evaluation of cartilage repair tissue at
3T MRI. 16th Scientific Meeting of the International Society for Magnetic Resonance in Medicine
(ISMRM), Canada, May 3-9, 2008.

Wernike E, Hofstetter W, Liu Y, *Sebald HJ*, Wu G, Hunziker EB, *Siebenrock KA*, *Klenke FM*
Application of a biomimetic coating technique to induce a sustained, cell-mediated release of
proteins from biphasic calcium phosphate ceramics. Transaction of the 54th Annual Meeting of
the Orthopedic Research Society (ORS), San Francisco, USA, 2008.

Zheng G, *Steppacher SD*, *Tannast M*
Precise estimation of post-operative cup alignment from single standard X-ray radiograph.
In: Davies BL, Joskowicz L, Leung KS (eds). Computer Assisted Orthopaedic Surgery. Berlin,
Deutschland, ProBusiness: 2008, pp. 303-306.

Poster

Barz T, Melloh M, Staub L, Aghayev E, Theis JC, Röder C
Comparison of cervical disc replacement and fusion of adjacent segments versus disc replacement alone. Annual Meeting of the American Academy of Orthopaedic Surgeons (AAOS), San Francisco, USA, March 5-9, 2008.

Bastian JD, Zumstein MA, Wyss TF, Nötzli HP
Fixation periprothetischer Femurfrakturen durch periostal stabilisierte Cerclageösen und konventionelle Plattenosteosynthese. 68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel, 24.-26.09.2008.

Benneker LM, Gisep A, Krebs J, Heini PF
Cardiovascular changes during PMMA vertebroplasty in sheep – the effect of pulsed jet lavage. Tag der Klinischen Forschung, Universität Bern, 05.11.2008.

Benneker LM, Gisep A, Krebs J, Heini PF
The effect of pulsatile jet lavage on cement distribution, fat embolism and associated cardiovascular changes during percutaneous vertebroplasty in sheep. 68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel, 24.-26.09.2008.

Benneker LM, Hänni M, Soder R, Heini PF
Intraoperative Messung der Knochendichte bei transpedikulärer Verschraubung. 3. Jahrestagung der Deutschen Wirbelsäulengesellschaft (WG), Ulm, Deutschland, 27.-29.11.2008.

Benneker LM, Quirbach S, Heini PF, Werlen S, Mamisch TC
Axial T2 star mapping MRI for intervertebral disc degeneration and low back pain. 68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel, 24.-26.09.2008.

Benneker LM, Quirbach S, Heini PF, Werlen S, Mamisch CT
Axiales T2*-mapping zur Klassifizierung der Bandscheibendegeneration. 3. Jahrestagung der Deutschen Wirbelsäulengesellschaft (DWG), Ulm, Deutschland, 27.-29.11.2008.

Büchler L, Tannast M, Weber M
Reliability of radiological assessment of the fracture anatomy at the posterior tibial plafond in malleolar fractures. 68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel, 24.-26.09.2008.

Büchler L, Weber M
Arthroscopically-assisted removal of intra-osseous ganglion-cysts of distal tibia: mid-term results. 68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel, 24.-26.09.2008.

Deyle S, Wagner S, Benneker LM, Jeger V, Martinolli L, Bonel HM, Exadaktylos AK, Zimmermann H
Could full-body total X-ray (LODOX Statscan) screening in trauma challenge conventional radiography? Tag der Klinischen Forschung, Universität Bern, 05.11.2008.

Diel P, Hartel M, Kohlhof H, Thali M, Ross S, Eggli S
Winkelberechnung zur Erfassung der tibialen Anatomie. Deutscher Kongress für Orthopädie und Unfallchirurgie, Berlin, Deutschland, 22.-25.10.2008.

Ecker TM, Steppacher SD, Tannast M, Murphy SB
Safety and recovery after total hip arthroplasty using the superior capsulotomy technique. 39th Annual Meeting of the Eastern Orthopaedic Association, Lake Las Vegas, Nevada, USA, October 22-25, 2008.

Fischer AF, Dopke K, Boss AP
Isolierte Subscapularisruptur beim Jugendlichen. 68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel, 24.-26.09.2008.

Güteryüz A, Iselin L, Gautier E, Lottenbach M
Scharf-Osteotomie – Vorstellung einer neuen Fixationstechnik. 68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel, 24.-26.09.2008.

Hartel M, Kohlhof H, Kowal J, Krüger A, Safert S, Eggli S
Der Einfluss der Weichteilbalancierung in der Knieendoprothetik auf die Kompartiment-Druckverhältnisse. 68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel, 24.-26.09.2008.

Hartel M, Loosli Y, Kohl S, Haupt U, Gralla J, Hoppe S, Röder C, Kohlhof H, Eggli S
The mean anatomic shape of the tibial plate on total knee arthroplasty resection level is asymmetric. 9th Annual Meeting of the European Federation of National Associations of Orthopaedics and Traumatology (EFORT), Nice, France, May 29-June 1, 2008.

Hassler R, Benneker LM, Zimmermann H, Exadaktylos AK
Equus trojanus – Risk factors in horse riding. Tag der Klinischen Forschung, Universität Bern, 05.11.2008.

Heini P, Loosli Y, Baumgartner D, Bigolin G, Gasser B
Measurement of the cement augmentation influence on pedicular screw migration. 68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel, 24.-26.09.2008.

Henle P, Siebenrock KA, Hofstetter W
Effects of nickel and cobalt ions on human monocytes and osteoclasts. 9th Annual Meeting of the European Federation of National Associations of Orthopaedics and Traumatology (EFORT), Nice, France, May 29-June 1, 2008.

Kohl S, Krüger A, Hartel M, Kohlhof H, Gasser B, Eggli S
Zweiseitiger Knie-TP-Wechsel bei Infekt: Erste Ergebnisse nach Entwicklung einer intraoperativ formbaren Zementspacerprothese. 68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel, 24.-26.09.2008.

Kohl S, Krüger A, Hartel M, Kohlhof H, Gasser B, Eggli S
Zweiseitiger Knie-TP-Wechsel bei Infekt: Erste Ergebnisse nach Entwicklung einer intraoperativ formbaren Zementspacerprothese. 68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel, 24.-26.09.2008.

Kohl S, Krüger A, Tannast M, Röder C, Beck M, Stauffer E, Siebenrock KA
Histopathologic characteristics of acetabular cartilage degeneration in femoroacetabular impingement. 9th Annual Meeting of the European Federation of National Associations of Orthopaedics and Traumatology (EFORT), Nice, France, May 29-June 1, 2008.

Kohlhof H, Hartel M, Krüger A, Kowal J, Sarfert S, Kohl S, Eggli S
Intraoperative compartment-pressure-analysis via sensor-technique during balanced total knee replacement. Once balanced always balanced? 9th Annual Meeting of the European Federation of National Associations of Orthopaedics and Traumatology (EFORT), Nice, France, May 29-June 1, 2008.

Kohlhof H, Katthagen JC, Fankhauser C, Kohl S, Hartel M, Krüger A, Eggli S
Analyse des Offsets der femoralen Revisionsprothesen-Komponente: Wo gehört der Schaft hin? Deutscher Kongress für Orthopädie und Unfallchirurgie, Berlin, Deutschland, 22.-25.10.2008.

Kohlhof H, Kohl S, Krüger A, Hartel M, Eggli S
How to optimise the use of stem-offset implants in total knee arthroplasty. 68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel, 24.-26.09.2008.

Krause F, Di Silvestro M, Penner M, Wing K, Glazebrook M, Daniels T, Stothers K, Younger A
Inter- and intraobserver reliability of the COFAS end-stage ankle arthritis classification system. 24th Annual Summer Meeting of the American Orthopaedic Foot and Ankle Society (AOFAS), Denver, USA, June 25-28, 2008.

Krause F, Di Silvestro M, Penner M, Wing K, Glazebrook M, Daniels T, Stothers K, Younger A.
Inter- and intraobserver reliability of the COFAS end-stage ankle arthritis classification system. 68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel, 24.-26.09.2008.

Krause F, Windolf M, Schwieger K, Weber M
Ankle pressure in pes cavus. 68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel, 24.-26.09.2008.

Krüger A, Katthagen C, Kohl S, Plock P, Hartel M, Kohlhof H, Siebenrock KA, Beck M
Veränderungen der Biomechanik des Gluteus medius nach Trochanter major Osteotomie. 68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel, 24.-26.09.2008.

Krüger A, Katthagen JC, Kohl S, Kohlhof H, Hartel M, Siebenrock KA, Beck M
Function and anatomy of the gluteus medius (GM) consequences of advancement of the greater trochanter. Tag der Klinischen Forschung, Universität Bern, 05.11.2008.

Krüger A, Katthagen JC, Kohl S, Kohlhof H, Hartel M, Siebenrock KA, Beck M
Biomechanik und Anatomie des Gluteus medius vor und nach Osteotomie des Trochanter major. Deutscher Kongress für Orthopädie und Unfallchirurgie, Berlin, Deutschland, 22.-25.10.2008.

Krüger A, Katthagen JC, Kohl S, Plock P, Hartel M, Kohlhof H, Siebenrock KA, Beck M
Veränderungen der Biomechanik des Gluteus medius nach Trochanter major Transfer. 68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel, 24.-26.09.2008.

Krüger A, Moser M, Kohl S, Hartel M, Kohlhof H, Eggli S
Current TKA mismatch the real anatomy of the femoral part of the knee joint. 9th Annual Meeting of the European Federation of National Associations of Orthopaedics and Traumatology (EFORT), Nice, France, May 29–June 1, 2008.

Kusano T, Nyffeler RW
Distale Bizepssehnenruptur bei einer athletischen Frau. 68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel, 24.-26.09.2008.

Leitner C, Benneker LM, Martinolli L, Kretschmer R, Zimmermann H, Exadaktylos AK
Isolated vertebral fractures give elevated serum protein S100B levels. 5th European Congress of Emergency Medicine, München, Deutschland, 15.-18.09.2008.

Montjovent MO, Wetterwald A, Siegrist M, Siebenrock KA, Hofstetter W
Establishment of a murine model for delayed bone repair. Tag der Klinischen Forschung, Universität Bern, 05.11.2008.

Neumann M

Mason III Frakturen des Radiusköpfchens – ist die Fixation an den Schaft notwendig? Tag der Klinischen Forschung, Universität Bern, 05.11.2008.

Nyffeler RW, Bourgeois A, Farron A

Glenohumeral motion after insertion of a reverse shoulder prosthesis. 68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel, 24.-26.11.2008.

Raabe I, Reiland Y, Harstall R, Weber D

Minimal invasive refixation of a dislocated Salter-Harris IV (Odgen 3A) fracture of proximal tibia. 68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel, 24.-26.09.2008.

Röder C, Benneker L, Heini P

Chirurgische Behandlung einer progressiven Skoliose bei einer jungen Frau mit rigid spine Syndrom. 3. Jahrestagung der Deutschen Wirbelsäulengesellschaft (DWG), Ulm, Deutschland, 27.-29.11.2008.

Röder C, Benneker LM, Heini P

Vertebroplastik bei osteoporotischen Wirbelkörperfrakturen – Untersuchung von Effizienz und Sicherheit. 68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel, 24.-26.09.2008.

Röder C, Benneker LM, Slongo T, Heini PF

Chirurgische Therapie einer progredienten Skoliose bei einer jungen Patientin mit sekundärer Calpainopathie und Rigid-Spine-Syndrom. 3. Jahrestagung der Deutschen Wirbelsäulengesellschaft (DWG), Ulm, Deutschland, 27.-29.11.2008.

Röder C, Benneker, L, Heini P

Sicherheit und Effizienz der Vertebroplastik – eine prospektive Einjahresfallserie. 68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel, 24.-26.11.2008.

Röder C, Neva M, Heini P

Spinal cord injury without radiographic abnormalities (SCIWORA) bei Patienten im arbeitsfähigen Alter: Ergebnisse, Berentung und prognostische Faktoren. 3. Jahrestagung der Deutschen Wirbelsäulengesellschaft (DWG), Ulm, Deutschland, 27.-29.11.2008.

Schober M, Ross S, Nyffeler RW

Einfluss der Skapulalage auf die Retroversionsmessung des Glenoids im CT. 68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel, 24.-26.09.2008.

Schumann S, Tannast M, Nolte LP, Zheng G

Calibration of preoperative 2D X-ray radiographs and its potential applications in computer-assisted total hip replacement. 8th Annual Meeting of the International Society for Computer-Assisted Orthopaedic Surgery (CAOS International), Hong Kong, China, June 4-7, 2008.

Sebald HJ, deWild M, Chiquet M, Reinle M, Hofstetter W

Rat tibia model to investigate the osteointegration of titanium implants with different surfaces. 68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel, 24.-26.09.2008.

Seidel U

Eine schwerwiegende Komplikation bei perkutaner lumbaler Fusionsoperation – Case report. 3. Jahrestagung der Deutschen Wirbelsäulengesellschaft (DWG), Ulm, Deutschland, 27.-29.11.2008.

Steppacher SD, Tannast M, Werlen S, Siebenrock KA

Femoral head morphology differs between hips with deficient and excessive acetabular coverage. 9th Annual Meeting of the European Federation of National Associations of Orthopaedics and Traumatology (EFORT), Nice, France, May 29–June 1, 2008.

Tannast M, Goricki D, Beck M, Murphy SB, Siebenrock KA

Hip damage occurs at the zone of femoroacetabular impingement. 9th Annual Meeting of the European Federation of National Associations of Orthopaedics and Traumatology (EFORT), Nice, France, May 29–June 1, 2008.

Tannast M, Kubiak-Langer M, Murphy SB, Langlotz F, Siebenrock KA

Range of motion in femoroacetabular impingement. 9th Annual Meeting of the European Federation of National Associations of Orthopaedics and Traumatology (EFORT), Nice, France, May 29–June 1, 2008.

Tannast M, Mistry S, Steppacher SD, Reichenbach S, Siebenrock KA, Zheng G

Computer-assisted correction of radiographic parameters on pelvic X-rays with Hip2Norm: reliable and validated. 54th Annual Meeting of the Orthopaedic Research Society, San Francisco, USA, March 2-5, 2008.

Tannast M, Sadri H, Pfander G, Siebenrock KA, Koch P, Fujita H, Ballmer P, Ganz R

Acetabular reinforcement ring in primary total hip arthroplasty: A minimum 10-year follow-up. 75th Annual Meeting of the American Academy for Orthopaedic Surgeons, San Francisco, USA, March 5-9, 2008.

Tannast M, Mistry S, Steppacher SD, Siebenrock KA, Zheng G

Are there inert parameters on AP pelvic radiographs? A computer-assisted study. 8th Annual Meeting of the International Society for Computer-Assisted Orthopaedic Surgery (CAOS International), Hong Kong, China, June 4-7, 2008.

Tannast M, Sadri H, Pfander G, Siebenrock KA, Koch P, Fujita H, Ballmer P, Ganz R

Acetabular reinforcement ring in primary total hip arthroplasty – a minimum of 10-year follow-up. 9th Annual Meeting of the European Federation of National Associations of Orthopaedics and Traumatology (EFORT), Nice, France, May 29–June 1, 2008.

Wernike E, Montjovent MO, Siebenrock KA, Hofstetter W, Klenke FM

Promotion of biomaterial vascularization using a sustained release system of VEGF from calcium phosphate ceramics. Tag der Klinischen Forschung, Universität Bern, 05.11.2008.

Wildisen P

Plica mediopatellaris – Pathologie oder Normvariante. Trinationaler Sportmedizinischer Kongress, Salzburg, Österreich, 25.-27.09.2008.

Wildisen P

Plica mediopatellaris – Pathologie oder Normvariante. Jahrestagung Schweizerische Sportmedizinische Gesellschaft SGSM, Fribourg, 23./24.10.2008.

Zheng G, Zhang X, Steppacher SD, Tannast M

Precise estimation of post-operative cup alignment from single standard X-ray radiograph. 8th Annual Meeting of the International Society for Computer-Assisted Orthopaedic Surgery (CAOS), Hong Kong, China, June 4-7, 2008.

Zumstein MA, Bastian JD, Bosshard C, Jakob RP, Schuster A

A ligament-balanced anterior cruciate ligament reconstruction technique to the tension of the contralateral knee for autologous patella Bone-Tendon-Bone (BTB) and autologous Quadriceps-Tendon-Bone (QTB) graft: a prospective consecutive study. 68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel, 24.-26.09.2008.

Zumstein MA, Bastian JD, Tomagra S, Bosshard C, Schuster AJ

A new technique in anterior cruciate ligament reconstruction to adjust the tension of the graft tendon to that of the contralateral anterior cruciate ligament. 13th Congress of the European Society of Sports Traumatology, Knee Surgery and Arthroscopy (ESSKA), Porto, Portugal, May 21-24, 2008.

Zumstein MA, Vlachopoulos L, Wyss TF, Nötzli HP

Anatomic refixation of the trochanteric fragment following stepwise osteotomy in revision total hip arthroplasty influence the union time. 68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel, 24.-26.09.2008.

Zumstein MA, Wüst DM, Jost B, Pfirrmann CWA, Hempel J, Gerber C

Effect of static posterior humeral head subluxation on the results of arthroscopic stabilized posterior shoulder instabilities? 21st Congress of the European Society for Surgery of the Shoulder and Elbow, Brugge, Belgium, September 17-20, 2008.

Vorträge

Apostle K, Di Silvestro M, Penner M, Wing K, Krause F, Glazebrook M, Younger A
Total Ankle Arthroplasty combined with hindfoot fusion for the treatment of pantalar arthritis.
AOFAS Summer Meeting, Denver, USA, June 25-28, 2008.

Beck M

Arthroscopy after FAI treatment. Bernese Hip-Symposium, Bern, 03.-05.04.2008.

Beck M

Grading of cartilage damage. Bernese Hip-Symposium, Bern, 03.-05.04.2008.

Beck M

How much correction is necessary? Bernese Hip-Symposium, Bern, 03.-05.04.2008.

Beck M

Prearthrotic deformities: acetabulum. Bernese Hip-Symposium, Bern, 03.-05.04.2008.

Beck M

Anatomie der Hüfte. Mathys: Hüft-Tag für OP-Personal, Bettlach, 25.04.2008.

Beck M

Warum welches Design? Mathys: Hüft-Tag für OP-Personal, Bettlach, 25.04.2008.

Beck M

Vor- und Nachteile zementierte Hüftprothese. Mathys: Hüft-Tag für OP-Personal, Bettlach, 25.04.2008.

Beck M

Open technique of chondral/labral repair. 7th Symposium on Joint Preserving and Minimally Invasive Surgery of the Hip Meeting, Montreal, Canada, May 8-10, 2008.

Beck M

Extraarticular impingement. 7th Symposium on Joint Preserving and Minimally Invasive Surgery of the Hip Meeting. Montreal, Canada, May 8-10, 2008.

Beck M

What can plain radiographs tell us? 7th Symposium on Joint Preserving and Minimally Invasive Surgery of the Hip Meeting. Montreal, Canada, May 8-10, 2008.

Beck M

Mechanical causes of OA: Dysplasia vs impingement. 7th Symposium on Joint Preserving and Minimally Invasive Surgery of the Hip Meeting, Montreal, Canada, May, 8-10, 2008.

Beck M

Is partial labral debridement good enough? 7th Symposium on Joint Preserving and Minimally Invasive Surgery of the Hip Meeting, Montreal, Canada, May 8-10, 2008.

Beck M

Update on femoro-acetabular impingement. Orthopaedic Grand Round. Royal Adelaide Hospital, Adelaide, Australia, July 10, 2008.

Beck M

Open surgical dislocation. Technique and results. Sports Hip Surgery, University of Warwick, USA, November 3-4, 2008.

Beck M

PAO. 20 years results and lessons in technique. Sports Hip Surgery, University of Warwick, USA, November 3-4, 2008.

Beck M

Osteotomies and combination surgery for complex deformities. Sports Hip Surgery, University of Warwick, USA, November 3-4, 2008.

Beck M

Pathophysiologie der Arthroseentstehung an der Hüfte. Update: Arthroseprävention an der Hüfte, Kantonsspital Luzern, 26.11.2008.

Beck M

Therapieoption Chirurgische Hüftluxation – Grenzen und Gefahren. Update: Arthroseprävention an der Hüfte, Kantonsspital Luzern, 26.11.2008.

Benneker LM, Quirbach S, Heini PF, Werlen S, Mamisch CT

Assessment of intervertebral endplate permeability and its correlation to intervertebral disc degeneration using a novel T2 star mapping MR technique. World Forum for Spine Research, Kyoto, Japan, January 2008.

Benneker LM, Soder R, Haenni M, Heini PF

Pedicular screw fixation in osteoporotic vertebrae: Intraoperative evaluation of local bone strength and bone augmentation via perforated pedicular screws. 9th European Cells and Materials Congress, Davos, 16.-19.06.2008.

Benneker LM

Operative Versorgung der Wirbelsäule. Physiotherapieschule Bern, Juli 2008.

Benneker LM, Quirbach S, Heini PF, Werlen S, Mamisch CT

Assessment of intervertebral endplate permeability and its correlation to intervertebral disc degeneration using a novel T2 star mapping MR technique. 68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel, 24.-26.09.2008.

Benneker LM, Gisep A, Krebs J, Boger A, Boner V, Heini PF

Der Effekt von pulsatiler Jet-Lavage auf Zementverteilung, Fettembolien und kardiopulmonale Veränderungen bei perkutaner Vertebroplastik beim Schaf. 3. Jahrestagung der Deutschen Wirbelsäulengesellschaft (DWG), Ulm, Deutschland, 27.-29.11.2008.

Benneker LM, Röder C, Seidel U, Diel P, Heini PF

Eine prospektive 1-Jahres-Fallserie von 242 Vertebroplastiken ein einer akademischen Wirbelsäulenabteilung: Patientencharakteristika, Behandlungsergebnisse und Komplikationen. 3. Jahrestagung der Deutschen Wirbelsäulengesellschaft (DWG), Ulm, Deutschland, 27.-29.11.2008.

Dudda M, Albers, Mamisch TC, Werlen S, Beck M

Do normal radiographs exclude femoro-acetabular impingement? Location of femoral head asphericity by MRI. Bernese Hip-Symposium, Bern, 03.-05.04.2008.

Eggl S

The balanced knee prosthesis. Invited Lecture, Arthro-Moscow, April 4, 2008.

Eggl S

Trends and fashion in TKA. Invited Lecture, Arthro-Moscow, April 4, 2008.

Eggli S

Knieprothetik – status quo und Zukunft. Invited Lecture, Balgrist Knee Course, Zürich, 10.04.2008.

Eggli S

Medikationssicherheit an Spitälern. Invited Lecture, Schweizerische Chefärztekonzferenz, Schaffhausen, 17.04.2008.

Eggli S

Zwischen Akademie und Industrie: angewandte klinische Forschung. Invited Lecture: Inselkonferenz, Bern, 11.06.2008.

Eggli S

Innovationen in der Kniegelenksendoprothetik – quo vadis? Invited Lecture: BGO Bern, 13.08.2008.

Eggli S

Behandlung der unikompartimentären Kniegelenksarthrose. Invited Lecture: 68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel, 26.09.2008.

Hartel M

Geschlechtsspezifische morphologische Unterschiede des Tibiaplateaus. Deutscher Kongress für Orthopädie und Unfallchirurgie, Berlin, Deutschland, 22.-25.10.2008.

Heini P

Ursachen der Beinschmerzen – nicht neural bedingt. AO Spine Kurs, Basel, 25.04.2008.

Heini P

Escoliosis del adulto, implanto de los tornillos poliaxiales para la correccion deformidades. 14. Congreso Venezolano de Neurocirugia, Venezuela, May 29-31, 2008.

Heini P

Cifosis post traumatica. 14. Congreso Venezolano de Neurocirugia, Venezuela, May 29-31, 2008.

Heini P

Osteoporosis – vertebroplastia: problema – correccion. 14. Congreso Venezolano de Neurocirugia, Venezuela, May 29-31, 2008.

Heini P

Osteoporosis – vertebroplastia: Tecnicas quirurgicas. 14. Congreso Venezolano de Neurocirugia, Venezuela, May 29-31, 2008.

Heini P

Vertecem nuevo procedimiento para vertebroplastia. 14. Congreso Venezolano de Neurocirugia, Venezuela, May 29-31, 2008.

Heini P

Revision de las estrategias en la cirugia espinal fallida. 14. Congreso Venezolano de Neurocirugia, Venezuela, May 29-31, 2008.

Heini P

Osteoporosis – problemas complejos espinales: estenosis, deformidad. 14. Congreso Venezolano de Neurocirugia, Venezuela, May 29-31, 2008.

Heini P

Häufigste Rückenerkrankungen im Kindesalter, Diagnostik und Therapie. Fortbildung Gesundheitsdienst der Stadt Bern, 21.-22.08.2008.

Heini P

Implementierung und praktische Anleitung der Rückenuntersuchung. Fortbildung Gesundheitsdienst der Stadt Bern, 21.-22.08.2008.

Heini P

Anteriore Revisionsstrategie, Management. AO Spine anterior spine surgery Course, Innsbruck, Österreich, 01.-02.09.2008.

Heini P

Anterior row support with PMMA after posterior instrumentation in burst split fractures type A3.2. International Trauma Meeting FREMAP (75th anniversary), Madrid, Spain, September 17-19, 2008.

Heini P

Interaktive Falldiskussion DDD ALIF vs. Prothese. AO Spine anterior spine surgery Course, Innsbruck, Österreich, 01.-02.09.2008.

Heini P

Interaktive Falldiskussion Tumor/Trauma/Revision Round Table. AO Spine anterior spine surgery Course, Innsbruck, Österreich, 01.-02.09.2008.

Heini P

Kadaverworkshop: Vordere Zugänge und Implantate LWS. AO Spine anterior spine surgery Course, Innsbruck, Österreich, 01.-02.09.2008.

Heini P

Kadaverworkshop: LWS und BWS von der Seite. AO Spine anterior spine surgery Course, Innsbruck, Österreich, 01.-02.09.2008.

Heini P

Percutaneous injection of PMMA in vertebral fractures type A3.1. International Trauma Meeting FREMAP (75th anniversary), Madrid, Spain, September 17-19, 2008.

Heini P

Adult scoliosis – posterior correction with polyaxial screws. 2. Scientific Meeting of the Polish Society of Spinal Surgery, Zakopane, Poland, October 24-25, 2008.

Heini P

Spine arthroplasty: FDA IDE studies and beyond. 2. Scientific Meeting of the Polish Society of Spinal Surgery, Zakopane, Poland, October 24-25, 2008.

Heini P

The osteoporotic spine: the impact of cement reinforcement. 2. Scientific Meeting of the Polish Society of Spinal Surgery, Zakopane, Poland, October 24-25, 2008.

Heini P

Bandscheibenprothesen für wen? Berner Tage der Klinik BETAKLI, Inselspital Bern, 19.-22.11.2008.

Heini P

WS-Chirurgie im Alter: Outcome? Berner Tage der Klinik BETAKLI, Inselspital Bern, 19.-22.11.2008.

Heini P

Screw loosening/breakage. 15. Brussels International Spine Symposium, Brussels, Belgium, November 21-22, 2008.

Heini P

Wirbelsäulenverletzung im Kindesalter – Diagnostik und Therapie. AO Trauma Kurs – Masters, Davos, 06.-11.12.2008.

Heini P

Augmentation in the spine (Vertebroplasty and beyond). AO Trauma Course – Geriatric Fractures, Davos, 08.-11.12.2008.

Heini P

Advances in vertebroplasty. AO Spine Advances Courses, Davos, 14.-19.12.2008.

Heini P

Global panel: Management controversies in degenerative scoliosis. AO Spine Advances Courses, Davos, 14.-19.12.2008.

Heini P

Osteopenic thoracic fractures – management options. AO Spine Advances Courses, Davos, 14.-19.12.2008.

Heini P

Percutaneous spine techniques. AO Spine Advances Courses, Davos, 14.-19.12.2008.

Heini P

Seminal learning cases. AO Spine Advances Courses, Davos, 14.-19.12.2008.

Heini P

Vertebroplasty or kyphoplasty? AO Spine Advances Courses, Davos, 14.-19.12.2008.

Heini P

Strategies for multilevel stenosis. AO Spine Masters Course, Davos, 14.-19.12.2008.

Heini P

Miscellaneous (Learning surgical tricks from the masters). AO Spine Masters Course, Davos, 14.-19.12.2008.

Iselin L, Reischl N, Maestretti G

Arbeitsaufnahme nach Kyphoplastie bei traumatischen Wirbelkörper-frakturen bei SUVA-versicherten Patienten. 68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel, 24.-26.09.2008.

Kohlhof H

e-MedXPlus – Der Schweizer Sicherheitsstandard im Medikationsprozess. Experten-Tagung Elektronischer Arzneimittelverordnung, Zürich, 03.07.2008.

Kohlhof H

eMed™ – der Weg zu einem schweizweiten Qualitätsstandard in der Medikamentenverordnung und SEDS/EVITA – Erfahrungen der ersten Schweizer Gesundheitskarte. 8. Schweizerischer eHealthcare Kongress, Nottwil, 24.-25.09.2008.

Kohlhof H

e-MedXplus – Computerized order entry. Wonca Europe, 14th Annual Conference, Istanbul, Turkey, September 4-9, 2008.

Kohlhof H

e-MedXPlus – Der Schweizer Sicherheitsstandard im Medikationsprozess. Swiss eHealth Summit, Bern, 26./27.08.2008.

Kozic N, Reyes M, *Tannast M*, Nolte LP, González-Ballester MA

Assessment of anatomical criteria across populations using statistical shape models and level sets. 8th Annual Meeting of the International Society for Computer-Assisted Orthopaedic Surgery (CAOS International), Hong Kong, China, June 4-7, 2008.

Krause F, Di Silvestro M, Penner M, Wing K, Glazebrook M, Daniels T, Stothers K, Younger A
Inter- and intraobserver reliability of the COFAS end-stage ankle arthritis classification system. Research Day – University of British Columbia, Vancouver, Canada, April 2008.

Krüger A, Katthagen JC, *Kohl S*, *Kohlhof H*, *Hartel M*, *Siebenrock KA*, *Beck M*

Veränderung der Biomechanik des Gluteus medius nach Trochanter major Osteotomie. Deutscher Kongress für Orthopädie und Unfallchirurgie, Berlin, Deutschland, 22.-25.10.2008.

Krüger A, Katthagen JC, *Kohl S*, *Kohlhof H*, *Hartel M*, *Siebenrock KA*, *Beck M*

Veränderung der Biomechanik des Gluteus medius nach Trochanter major Osteotomie. 68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel, 24.-26.09.2008.

Martinolli L, *Tannast M*, Exadaktylos A, Zimmermann H

Tricholoma equestre-induced rhabdomyolysis – a case report. Antidotes in depth 2008 and chemical emergencies – clinical and public health issues. Pavia, Italy, May 15-17, 2008.

Neumann M, *Nyffeler R*, *Beck M*, *Siebenrock KA*

Mason III Frakturen des Radiusköpfchens – ist die Fixation an den Schaft notwendig? 68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel, 24.-26.09.2008.

Nyffeler RW

Vorbeugung gesundheitlicher Schäden an Ellbogen- und Kniegelenken beim Hufschmied. Hufbeschlagtagung, Schweizerische Metallunion, Bern, 23.02.2008.

Nyffeler RW

Shoulder arthroplasty: what do we need to know before surgery? 5th International Shoulder Course ISC, Villach, Österreich, 19.-21.06.2008.

Nyffeler RW

Treatment of lateral clavicle fractures. 5th International Shoulder Course ISC, Villach, Österreich, 19.-21.06.2008.

Nyffeler RW

Treatment of midshaft clavicle fractures. 5th International Shoulder Course ISC, Villach, Österreich, 19.-21.06.2008.

Nyffeler RW, Ross S, Schober M

Measurement of glenoid version with CT-scans. 21th Congress of the European Society for Surgery of the Shoulder and the Elbow, Brugge, Belgium, September 17-20, 2008.

Nyffeler RW

The acromion, deltoid and rotator cuff: the biomechanical basis for impingement. Symposium at the 21th Congress of the European Society for Surgery of the Shoulder and the Elbow, Brugge, Belgium, September 17-20, 2008.

Nyffeler RW

Versorgung der frischen Radiusköpfchenfraktur. 68. Jahreskongress der Schweizerischen Gesellschaft für Orthopädie (SGO), Basel, 24.-26.09.2008.

Nyffeler RW

Schulter-TP: bald Standard? Berner Tage der Klinik BETAKLI, Bern, 19.11.2008.

Nyffeler RW

Rotatorenmanschettenruptur: wen wie behandeln? Berner Tage der Klinik BETAKLI, Bern, 20.11.2008.

Nyffeler RW

Schultereingriffe und postoperative Röntgenaufnahmen. MTRA Fortbildung, Bern, 04.12.2008.

Puls M, Steppacher SD, Siebenrock KA, Tannast M, Kowal J

The equidistant method: A novel, robust and accurate strategy for computer-simulated femoroacetabular impingement detection. 8th Annual Meeting of the International Society for Computer-Assisted Orthopaedic Surgery (CAOS International), Hong Kong, China, June 4-7, 2008.

Puls M, Steppacher SD, Tannast M, Kowal J

Simulation of hip motion for impingement detection: a comparison of four strategies. 16th Congress of the European Society of Biomechanics, Luzern, 06.-09.07.2008.

Seidel U, Heini PF, Röder C, Benneker LM

Einfluss der Zementaugmentation auf die Pedikelschraubenlockerung im osteoporotischen Wirbelkörper. 3. Jahrestagung der Deutschen Wirbelsäulengesellschaft (DWG), Ulm, Deutschland, 27.-29.11.2008.

Seidel U

Komplikation der Minimalinvasiven Verfahren. Minimalinvasive perkutane Stabilisierungsverfahren an der Wirbelsäule. Marburg, Deutschland, 2008.

Seidel U

Neues aus dem Berner Labor. Minimalinvasive perkutane Stabilisierungsverfahren an der Wirbelsäule. Marburg, Deutschland, 2008.

Seidel U

Einfluss der Zementaugmentation auf die Pedikelschraubenlockerung im osteoporotischen Wirbelkörper Rektumperforation. 3. Jahrestagung der Deutschen Wirbelsäulengesellschaft (DWG), Ulm, Deutschland, 27.-29.11.2008.

Seidel U

Vertebroplastie/Kyphoplastie. 36. Kongress der Deutschen Gesellschaft für Rheumatologie, Berlin, Deutschland, 24.-27.09.2008.

Siebenrock KA

Radiological exam in adult hip dysplasia. III Jornadas de Cirugia de cadera del adulto joven, Henanez, Madrid, Spain, February 2, 2008.

Siebenrock KA

Reverse periacetabular osteotomy: when should we perform it? III Jornadas de Cirugia de cadera del adulto joven, Henanez, Madrid, Spain, February 8, 2008.

Siebenrock KA

Conventional radiographs to assess FAI. Instructional Course Lecture. 75th Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, USA, March 5-9, 2008.

Siebenrock KA

How and when to treat retroversion by rim trimming or PAO? Instructional Course Lecture, 75th Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, USA, March 5-9, 2008.

Siebenrock KA

Management of the femoral side during acetabular osteotomy. Instructional Course Lecture, 75th Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco, USA, March 5-9, 2008.

Siebenrock KA

Mechanism of Impingement. Bernese Hip Symposium, Bern, 03.-05.04.2008.

Siebenrock KA

Cartilage degeneration and 3 T MRI in sheep. Bernese Hip Symposium, Bern, 03.-05.04.2008.

Siebenrock KA

Midterm results after open surgery with labral refixation. Bernese Hip Symposium, Bern, 03.-05.04.2008.

Siebenrock KA

Femoro-acetabuläres Impingement – Chirurgische Hüftluxation. Hüfte aktuell, Wiesbaden, Deutschland, 18.04.2008.

Siebenrock KA

Das femoro-acetabuläre Impingement – Diagnostik und Therapie. 56. Jahrestagung der Vereinigung Süddeutscher Orthopäden, Baden-Baden, Deutschland, 01.-04.05.2008.

Siebenrock KA

Instructional Course Lecture: The painful young adult hip. 9th Annual Meeting of the European Federation of National Associations of Orthopaedics and Traumatology (EFORT), Nice, France, May 29–June 1, 2008.

Siebenrock KA

Conventional radiographs to assess FAI. Symposium Conservative Surgery. 8th Domestic Meeting of the European Hip Society, Madrid, Spain, June 11-13, 2008.

Siebenrock KA

Indication of PAO for FAI. Symposium Conservative Surgery. 8th Domestic Meeting of the European Hip Society, Madrid, Spain, June 11-13, 2008.

Siebenrock KA

Früharthrose beim jungen Patienten. Fortbildungsveranstaltung der Niedergelassenen Ärzte des Kreis Rottweil, Rottweil, Deutschland, 01.10.2008.

Siebenrock KA

Bewegung beim Bewegungsapparat? Hüfte: offset-Problematik (Impingement). Berner Tage der Klinik BETAKLI, Inselspital Bern, 19.11.2008.

Siebenrock KA

FAI – Concept. 3rd International Hip Arthroscopy Meeting, Homburg/Saar, Deutschland, 21.-23.11.2008.

Siebenrock KA

FAI – only surgical dislocation. 3rd International Hip Arthroscopy Meeting, Homburg/Saar, Deutschland, 21.-23.11.2008.

Steppacher SD, Tannast M, Ganz R, Siebenrock KA

20-year results of Bernese periacetabular osteotomy (PAO). 75th Annual Meeting of the American Academy of Orthopaedic Surgeons (AAOS), San Francisco, USA, March 5-9, 2008.

Steppacher SD

Morphology of femoral head in dysplasia vs. protrusio. Bernese Hip Symposium, Bern, 03.-05.04.2008.

Steppacher SD

20-year results of PAO. Bernese Hip Symposium, Bern, 03.-05.04.2008.

Steppacher SD, Tannast M, Ganz R, Siebenrock KA

20-year follow-up of Bernese periacetabular osteotomy. 9th Annual Meeting of the European Federation of National Associations of Orthopaedics and Traumatology (EFORT), Nice, France, May 29–June 1, 2008.

Steppacher SD, Ecker M, Haimerl M, Murphy SB

Computer-assisted intraoperative measurement of leg length in total hip arthroplasty: An accurate and simple method. 8th Annual Meeting of CAOS-International, Hong Kong, China, June 4-7, 2008.

Steppacher SD, Tannast M, Zheng G, Ganz R, Siebenrock KA

Computer-assisted detection of radiographic parameters predicting poor long-term outcome of Bernese periacetabular osteotomy. 8th Annual Meeting of the International Society for Computer-Assisted Orthopaedic Surgery (CAOS), Hong Kong, China, June 4-7, 2008.

Steppacher SD, Ecker TM, Murphy SB

Outcome of ceramic-ceramic total hip arthroplasty at two to ten years in patients with developmental dysplasia of the hip. 21st Annual Congress of the International Society for Technology in Arthroplasty (ISTA), Seoul, South Korea, October 1-4, 2008.

Steppacher SD, Tannast M, Zheng G, Zhang X, Kowal J, Murphy SB

HipMatch: A 2D-3D matching software – accurate and reliable. 21st Annual Congress of the International Society for Technology in Arthroplasty (ISTA), Seoul, South Korea, October 1-4, 2008.

Steppacher SD, Ecker TM, Tannast M, Murphy SB

Outcome of ceramic-ceramic total hip arthroplasty in patients with developmental dysplasia of the hip. 39th Annual Meeting of the Eastern Orthopaedic Association, Lake Las Vegas/Nevada, USA, October 22-25, 2008.

Steppacher SD, Ecker TM, Tannast M, Murphy SB

Outcome of ceramic-ceramic total hip arthroplasty in patients younger than 50 years. 39th Annual Meeting of the Eastern Orthopaedic Association, Lake Las Vegas/Nevada, USA, October 22-25, 2008.

Tannast M

AP pelvis: Do inert parameters exist? Bernese Hip-Symposium, Bern, 03.-05.04.2008.

Tannast M

3D imaging of hip motion. Bernese Hip-Symposium, Bern, 03.-05.04.2008.

Tannast M

Gender-dependent discrepancies in impingement. Bernese Hip-Symposium, Bern, 03.-05.04.2008.

Tannast M

Technique of surgical hip dislocation. Bernese Hip-Symposium, Bern, 03.-05.04.2008.

Tannast M

Periacetabular osteotomy for adolescent hip dysplasia: technical aspects and long term follow-up. Plenary lecture. 27th Annual Meeting of the European Paediatric Orthopaedic Society (EPOS), Warsaw, Poland, April 10, 2008.

Tannast M, Mistry S, Steppacher SD, Reichenbach S, Siebenrock KA, Zheng G

A comprehensive validation of a new method for correction of radiographic hip parameters for pelvic malpositioning. 17th Annual Meeting of the European Orthopaedic Research Society, Madrid, Spain, April 24-26, 2008.

Tannast M, Röthlisberger M, Gathmann S, Steppacher SD, Murphy SB, Langlotz F, Siebenrock KA

The interrelationship among different reference coordinate systems of the pelvic – a computer-assisted anatomical study. 8th Annual Meeting of the International Society for Computer-Assisted Orthopaedic Surgery (CAOS International), Hong Kong, China, June 4-7, 2008.

Werlen S, Mamisch TC, Dudda M, Siebenrock KA, Beck M

Postoperative MR arthrography in patients with FAI prior to re-surgery: Comparison to preoperative MRA and intraoperative findings. Bernese Hip-Symposium, Bern, 03.-05.04.2008.

Weber M

Hindfoot driven forefoot problems. 11th Surgical Skills Course Forefoot, Oberdorf, 26.-29.01.2008.

Weber M

Metatarsal realignment – the importance of the radiographic appearance. 11th Surgical Skills Course Forefoot, Oberdorf, 26.-29.01.2008.

Weber M

Osteosynthese der Calcaneusfraktur mit Sinus tarsi-Zugang. Videosymposium 2008 – OSG und Fuss – MHH Hannover, Deutschland, 14.03.2008.

Weber M

Das Loch im Fuss aus der Sicht des orthopädischen Fusschirurgen. Wundtagung des SBK Sektion Bern, Inselspital Bern, 17.04.2008.

Weber M

Gelenkerhaltende Behandlung der OSG-Arthrose. 4. Berner Fortbildungskurs Rheumatologie und Klinische Immunologie, Inselspital Bern, 25.04.2008.

Weber M

Lisfranc instability. Foot and Ankle Meeting of the SFAS and AUFAS, Basel, 02.05.2008.

Weber M

Chopart and Lisfranc joint injuries. 12. Bieler Fortbildungstage der SGAUC+SGTV, Biel, 11.09.2008.

Weber M

Malleolar fractures – facts and controversies. AO Principles Course for Swiss Residents, Davos, 10.12.2008.

Wildisen P

Plica mediopatellaris – Pathologie oder Normvariante. Jahrestagung Schweizerische Sportmedizinische Gesellschaft SGSM, Fribourg, 23./24.10.2008.

Zumstein MA

Scaffolds in rotator cuff repair. 5th International Shoulder Course, Villach, Österreich, 19.-21.06.2008.

Zumstein MA

Scientific basis of rotator cuff tears and repairs. 5th International Shoulder Course, Villach, Österreich, 19.-21.06.2008.

Zumstein MA

Modern aspects of rotator cuff repair. Gesellschaft für Orthopädisch-Traumatologische Sportmedizin (GOTS), Summer Meeting, Engelberg, 05.-07.07.2008.

Zumstein MA

MRI findings in shoulders of handball players. Gesellschaft für Orthopädisch-Traumatologische Sportmedizin (GOTS), Summer Meeting, Engelberg, 05.-07.07.2008.