

Publikationsverzeichnis Jahresbericht 2019

Originalarbeiten

(In «Peer-Reviewed»-Zeitschriften)

1. **Aghayev E, Mannion AF, Fekete T, Janssen S, Goodwin K, Zwahlen M, Berlemann U, Lorenz T and Spine Tango Registry Group.** Risk factors for negative global treatment outcomes in lumbar spinal stenosis surgery: a mixed effects model analysis of data from an international spine registry. *World Neurosurg* (Epub ahead of print) DOI: 10.1016/j.wneu.2019.12.147, 2019.
2. **Aibinder WR, Bicknell RT, Bartsch S, Scheibel M and Athwal GS.** Subscapularis management in stemless total shoulder arthroplasty: tenotomy versus peel versus lesser tuberosity osteotomy. *J Shoulder Elbow Surg* 28: 1942-1947, 2019.
3. **Akgün D, Maziak N, Plachel F, Minkus M, Scheibel M, Perka C and Moroder P.** Diagnostic arthroscopy for detection of periprosthetic infection in painful shoulder arthroplasty. *Arthroscopy* 35: 2571-2577, 2019.
4. **Ames CP, Smith JS, Pellisé F, Kelly M, Alanay A, Acaroğlu E, Pérez-Gruoso FJS, Kleinstück F, Obeid I, Vila-Casademunt A, Shaffrey CI, Jr., Burton D, Lafage V, Schwab F, Shaffrey CI, Sr., Bess S, Serra-Burriel M, European Spine Study Group (ESSG) and International Spine Study Group (ISSG).** Artificial intelligence based hierarchical clustering of patient types and intervention categories in adult spinal deformity surgery: towards a new classification scheme that predicts quality and value. *Spine (Phila Pa 1976)* (Epub ahead of print) DOI: 10.1097/BRS.0000000000002974, 2019.
5. **Ames CP, Smith JS, Pellisé F, Kelly M, Gum JL, Alanay A, Acaroğlu E, Pérez-Gruoso FJS, Kleinstück FS, Obeid I, Vila-Casademunt A, Shaffrey CI, Jr., Burton DC, Lafage V, Schwab FJ, Shaffrey CI, Sr., Bess S, Serra-Burriel M, European Spine Study Group (ESSG) and International Spine Study Group (ISSG).** Development of predictive models for all individual questions of SRS-22R after adult spinal deformity surgery: a step toward individualized medicine. *Eur Spine J* 28: 1998-2011, 2019.
6. **Ames CP, Smith JS, Pellisé F, Kelly MP, Gum JL, Alanay A, Acaroğlu E, Pérez-Gruoso FJS, Kleinstück FS, Obeid I, Vila-Casademunt A, Burton DC, Lafage V, Schwab FJ, Shaffrey CI, Bess S, Serra-Burriel M, European Spine Study Group (ESSG) and International Spine Study Group (ISSG).** Development of deployable predictive models for minimal clinically important difference achievement across the commonly used health-related quality of life instruments in adult spinal deformity surgery. *Spine (Phila Pa 1976)* 44: 1144-1153, 2019.
7. **Audigé L, Graf L, Flury M, Schneider MM and Müller AM.** Functional improvement is sustained following anatomical and reverse shoulder arthroplasty for fracture sequelae: a registry-based analysis. *Arch Orthop Trauma Surg* 139: 1561-1569, 2019.
8. **Audigé L, Schwyzer HK, Shoulder Arthroplasty Core Event Set (SA CES) and Durchholz H.** Core set of unfavorable events of shoulder arthroplasty: an international Delphi consensus process. *J Shoulder Elbow Surg* 28: 2061-2071, 2019.
9. **Barreto G, Senturk B, Colombo L, Bruck O, Neidenbach P, Salzmann G, Zenobi-Wong M and Rottmar M.** Lumican is upregulated in osteoarthritis and contributes to TLR4-induced pro-inflammatory activation of cartilage degradation and macrophage polarization. *Osteoarthr Cartil* (Epub ahead of print) DOI: 10.1016/j.joca.2019.10.011, 2019.
10. **Bauer DE, Wieser K, Aichmair A, Zingg PO, Dora C and Rahm S.** Validation of a virtual reality-based hip arthroscopy simulator. *Arthroscopy* 35: 789-795, 2019.
11. **Beaudouin F, Rossler R, Aus der Funten K, Bizzini M, Chomiak J, Verhagen E, Junge A, Dvořák J, Lichtenstein E, Meyer T and Faude O.** Effects of the '11+ Kids' injury prevention programme on severe injuries in children's football: a secondary analysis of data from a multicentre cluster-randomised controlled trial. *Br J Sports Med* 53: 1418-1423, 2019.
12. **Berndt K, Rahm S, Dora C and Zingg PO.** Total hip arthroplasty with accolade/trident through the direct minimally invasive anterior approach without traction table: learning curve and results after a minimum of 5 years. *Orthop Traumatol Surg Res* 105: 931-936, 2019.
13. **Bertolini G, Romano F, Feddermann-Demont N, Straumann D, Tarnutzer AA and Ramat S.** Non-linearity in gaze holding: experimental results and possible mechanisms. *Prog Brain Res* 248: 167-181, 2019.

14. **Beuchat A and Maffiuletti NA.** Foot rotation influences the activity of medial and lateral hamstrings during conventional rehabilitation exercises in patients following anterior cruciate ligament reconstruction. *Phys Ther Sport* 39: 69-75, 2019.
15. **Bieri M, Beck M, Limacher A, Wyatt MC, Leunig M, Juni P and Reichenbach S.** Increased subchondral bone thickness in hips with cam-type femoroacetabular impingement. *Hip Int* 29: 430-437, 2019.
16. **Bodmer ES, Marks M, Hensler S, Schindele S and Herren DB.** Comparison of outcomes of three surgical approaches for proximal interphalangeal joint arthroplasty using a surface replacing implant. *J Hand Surg Eur Vol* (Epub ahead of print) DOI: 10.1177/1753193419891382, 2019.
17. **Boehm E, Minkus M and Scheibel M.** Autologous chondrocyte implantation for treatment of focal articular cartilage defects of the humeral head. *J Shoulder Elbow Surg* 29: 2-11, 2019.
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19. **Brorson S, Alispahic N, Bahrs C, Joeris A, Steinitz A and Audigé L.** Complications after non-surgical management of proximal humeral fractures: a systematic review of terms and definitions. *BMC Musculoskelet Disord* 20: 91, 2019.
20. **Brunner R, Friesenbichler B, Casartelli NC, Bizzini M, Maffiuletti NA and Niedermann K.** Effectiveness of multicomponent lower extremity injury prevention programmes in team-sport athletes: an umbrella review. *Br J Sports Med* 53: 282-288, 2019.
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22. **Casartelli NC, Bizzini M, Maffiuletti NA, Sutter R, Pfirrmann CW, Leunig M and Naal FD.** Exercise therapy for the management of femoroacetabular impingement syndrome: preliminary results of clinical responsiveness. *Arthritis Care Res (Hoboken)* 71: 1074-1083, 2019.
23. **Casartelli NC, Item-Glatthorn JF, Friesenbichler B, Bizzini M, Salzmann GM and Maffiuletti NA.** Quadriceps neuromuscular impairments after arthroscopic knee surgery: comparison between procedures. *J Clin Med* 8: E1881, 2019.
24. **Castagna C, Bizzini M, Araújo Póvoas SC, Schenk K, Büsser G and D'Ottavio S.** Aerobic fitness in top-class soccer referees. *J Strength Cond Res* 33: 3098-3104, 2019.
25. **Cavalli E, Levinson C, Hertl M, Broguiere N, Bruck O, Mustjoki S, Gerstenberg A, Weber D, Salzmann G, Steinwachs M, Barreto G and Zenobi-Wong M.** Characterization of polydactyly chondrocytes and their use in cartilage engineering. *Sci Rep* 9: 4275, 2019.
26. **Cockburn M, Gomez Y, Schick M, Maffiuletti NA, Gyax L, Savary P and Umstatter C.** Effect of milking stall dimensions on upper limb and shoulder muscle activity in milkers. *J Dairy Sci* 102: 4563-4576, 2019.
27. **Durchholz H, Salomonsson B, Moroder P, Lambert S, Page R, Audigé L, Sperling J and Schwyzer HK on behalf of the Shoulder Arthroplasty (SA) Monitoring Steering Group.** Core set of radiographic parameters for shoulder arthroplasty monitoring: criteria defined by an international Delphi consensus process. *JBJs Open Access* 4: e0025, 2019.
28. **Edouard P, Junge A, Sorg M, Timpka T and Branco P.** Illnesses during 11 international athletics championships between 2009 and 2017: incidence, characteristics and sex-specific and discipline-specific differences. *Br J Sports Med* 53: 1174-1182, 2019.
29. **Edouard P, Navarro L, Branco P, Gremeaux V, Timpka T and Junge A.** Injury frequency and characteristics (location, type, cause and severity) differed significantly among athletics ('track and field') disciplines during 14 international championships (2007-2018): implications for medical service planning. *Br J Sports Med* 54: 159-167, 2019.
30. **Edouard P, Richardson A, Navarro L, Gremeaux V, Branco P and Junge A.** Relation of team size and success with injuries and illnesses during eight international outdoor athletics championships. *Front Sports Act Living* 1: 1-8, 2019.

31. **Fekete TF, Mannion AF, Haschtmann D, Loibl M, Kleinstück FS and Jeszenszky D.** Back pain and its change after surgery in adolescents and young adults with idiopathic scoliosis. *Spine Deform 7*: 754-758, 2019.
32. **Felsch QTM, Sievert P, Schotanus MGM and Jansen EJP.** The Dutch version of the American Shoulder and Elbow Surgeons Standardized Shoulder Assessment Form is a reliable and valid questionnaire for shoulder problems. *JSES Open Access 3*: 213-218, 2019.
33. **Feroli D, Rampinini E, Bosio A, La Torre A and Maffiuletti NA.** Peripheral muscle function during repeated changes of direction in basketball. *Int J Sports Physiol Perform 14*: 739-746, 2019.
34. **Filli L, Jungmann PM, Zingg PO, Rüdiger HA, Galley J, Sutter R and Pfirrmann CWA.** MRI with state-of-the-art metal artifact reduction after total hip arthroplasty: periprosthetic findings in asymptomatic and symptomatic patients. *Eur Radiol* (Epub ahead of print) DOI: 10.1007/s00330-019-06554-5, 2019.
35. **Finkenstaedt S, Mannion AF, Fekete TF, Haschtmann D, Kleinstück FS, Mutter U, Becker HJ, Bellut D and Porchet F.** Does neck pain as chief complaint influence the outcome of cervical total disc replacement? *Eur Spine J* (Epub ahead of print) DOI: 10.1007/s00586-019-06052-8, 2019.
36. **Flies A, Scheibel M, Kraus N, Kruppa P, Provencher MT, Becker R and Kopf S.** Isolated gracilis tendon harvesting is not associated with loss of strength and maintains good functional outcome. *Knee Surg Sports Traumatol Arthrosc* (Epub ahead of print) DOI: 10.1007/s00167-019-05790-y, 2019.
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72. **Moroder P, Danzinger V, Maziak N, Plachel F, Pauly S, Scheibel M and Minkus M.** Characteristics of functional shoulder instability. *J Shoulder Elbow Surg* 29: 68-78, 2019.
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104. **Wirth B, Grassi A, Grobet C, Audigé L, Schwyzer HK and Friesenbichler B.** Skapulothorakale und glenohumerale Bewegungsanalyse bei Patienten mit ausgezeichneter, durchschnittlicher und

- schlechter Funktion nach inverser Schultertotalprothese. 26. *Jahreskongress der Deutschen Vereinigung für Schulter- und Ellenbogenchirurgie (DVSE)*, St. Gallen, Schweiz, 16.-18.05.2019.
105. **Wirth B, Maziak N, Pauly S, Moroder P and Scheibel M.** Low-profile single tightrope stabilization for acute acromioclavicular dislocations. 79. *Jahreskongress der Schweizerischen Gesellschaft für Orthopädie und Traumatologie (SGOT)*, Baden, Switzerland, 26.-28.06.2019.
106. **Wirth B, Maziak N, Pauly S, Moroder P and Scheibel M.** Low-profile single TightRope Technik bei akuten Acromioclaviculargelenksluxationen – erste klinische und radiologische Ergebnisse. 36. *Kongress der Gesellschaft für Arthroskopie und Gelenkchirurgie (AGA)*, Mannheim, Deutschland, 12.-14.09.2019.
107. **Yilgor C, Seymen N, Lahut S, Abul K, Durace A, Kleinstück F, Pérez-Gruoso FJS, Acaroğlu E, Pellisé F and Alanay A.** Importance of postoperative and follow-up information on prediction mechanical complications. *Eurospine, the Spine Society of Europe*, Helsinki, Finland, 16.10.2020.
108. **Yilgor C, Seymen N, Orhun O, Ozmen BB, Yucekul A, Mannion AF, Sezerman U, Obeid I, Kleinstück F, Pérez-Gruoso FJS, Acaroğlu E, Pellisé F and Alanay A.** Forced decision tree classifier for determining widespread acting features affecting mechanical complications. *Eurospine, the Spine Society of Europe*, Helsinki, Finland, 16.10.2020.
109. **Yilgor C, Yucekul A, Asaroğlu CB, Kilickan D, Zulemyan T, Pérez-Gruoso FJS, Acaroğlu E, Pellise F and Alanay A.** Time-dependent interpretation of mechanical complications using cox regression and survival analysis. *Eurospine, the Spine Society of Europe*, Helsinki, Finland, 16.10.2020.
110. **Yilgor C, Yucekul A, Gurel I, Con Karoasian U, Zulemyan T, Yavus Y, Boissière L, Obeid I, Kleinstück F, Pérez-Gruoso FJS, Acaroğlu E, Pellisé F and Alanay A.** Assessment of sagittal shape and alignment using short-cassette radiographs and intraoperative fluoroscopic images for predicting mechanical complications. *Eurospine, the Spine Society of Europe*, Helsinki, Finland, 16.10.2020.
111. **Yucekul A, Erdogan B, Kilickan D, Yilgor C, Zulemyan T, Yavus Y, Pizones J, Obeid I, Kleinstück F, Acaroğlu E, Pellisé F and Alanay A.** Correlations of pelvic incidence-based relative radiographic parameters to lower extremity compensations. *Eurospine, the Spine Society of Europe*, Helsinki, Finland, 16.10.2020.

Vorträge und Fortbildungen

1. **Aepli M.** Hüftarthrose: von der Einzelfallbeschreibung zu systematischen Studien. *Demowoche Gesundheitswissenschaften und Technologie der Eidgenössischen Technischen Hochschule (ETH), Schulthess Klinik, Zürich, Schweiz, 04.-07.02.2019.*
2. **Agostino D.** V-KIT/Diagnostik Concussion. *Demowoche Gesundheitswissenschaften und Technologie der Eidgenössischen Technischen Hochschule (ETH), Schulthess Klinik, Zürich, Schweiz, 04.-07.02.2019*
3. **Audigé L.** Clinical Trials PhD Course. *Veterinary Faculty, University of Bern, Bern, Switzerland, 25.06.2019.*
4. **Audigé L.** Instructor Course Level 1. *AO Foundation Program for Education and Excellence in Research (AOPEER), Fribourg, Switzerland, 25.-26.10.2019.*
5. **Audigé L.** STEPS: Klinische Forschung. *Demowoche Gesundheitswissenschaften und Technologie der Eidgenössischen Technischen Hochschule (ETH), Schulthess Klinik, Zürich, Schweiz, 04.-07.02.2019.*
6. **Audigé L.** Tutor: Wissenschaftsmonat (WIMO) (Scientific month). *University of Basel, Basel, Switzerland, 21.02.-18.03.2019.*
7. **Behm P, Loibl M, Zimmermann L, Richner S, Kleinstück F, Mannion AF and Ferguson S.** Patient specific proximal spinal segment loading after fusion. *European Spine Study Group (ESSG) Meeting, Barcelona, Spain, 21.11.2019.*
8. **Bertolini G.** BESS/Therapie Concussion. *Demowoche Gesundheitswissenschaften und Technologie der Eidgenössischen Technischen Hochschule (ETH), Schulthess Klinik, Zürich, Schweiz, 04.-07.02.2019.*
9. **Bertolini G.** Optokinetic afternystagmus in concussed patients. *29th Annual Ocular Motor Meeting, Munich, Germany, 02.02.19.*
10. **Bertolini G.** Vestibulocerebellar nystagmus. *Frontiers Spotlight Event: Vestibular Contributions to Health and Disease, New York, USA, 25.10.19.*

11. **Blümel S, Rüdiger HA and Stadelmann V.** Estimation of femoral projection on plain AP pelvis views using the trochanteric contour: a novel method to correct for underestimation of femoral offset. 79. *Jahreskongress der Schweizerischen Gesellschaft für Orthopädie und Traumatologie (SGOT)*, Baden, Switzerland, 26.-28.06.2019.
12. **Brodbeck M.** Der schnellende Finger. *MediDays, Zurich Academy of Internal Medicine (ZAIM)*, Zürich, Schweiz, 04.09.2019.
13. **Brodbeck M.** A modular surface gliding implant CapFlex-PIP for proximal interphalangeal joint osteoarthritis. *32nd Annual Congress of the Hong Kong Society for Surgery of the Hand*, Hong Kong, Special Administrative Region of the People's Republic of China, 30.-31.03.2019.
14. **Büchi M.** Assessments Untere Extremitäten: standardisierte Messungen bestimmen die Progression einer kriterienbasierten Rehabilitation. *Physiotherapie Symposium 2019. Theoretisches und praktisches Update in der Orthopädie*, Schulthess Klinik, Zürich, Schweiz, 09.11.2019.
15. **Casartelli NC.** Clinical responsiveness of exercise therapy in patients with femoroacetabular impingement syndrome. *Schulthess Clinic Sport Therapy Advanced Training*, Zurich, Switzerland, 26.02.2019.
16. **Casartelli NC.** Laboratory course in exercise physiology (376-0130-00L). *Department of Health Sciences and Technology (ETH). Surface Electromyography*, Schulthess Clinic, Zurich, Switzerland, 26.09.2019 & 14.11.2019.
17. **Casartelli NC.** Objektive Muskelkraftmessungen in der klinischen Forschung. *Demowoche Gesundheitswissenschaften und Technologie der Eidgenössischen Technischen Hochschule (ETH)*, Schulthess Klinik, Zürich, Schweiz, 04.-07.02.2019.
18. **Casartelli NC.** Sports injuries and prevention. *Clinical Challenges in Musculoskeletal Disorders, Swiss Federal Institute of Technology (ETH) Master Lecture*, Schulthess Clinic, Zurich, Switzerland, 25.02.2019.
19. **Denzler R.** Ergonomie, Rückenschonendes Training und Sport im Alltag. *Holinger Firmenanlass*, Schulthess Klinik, Zürich, Schweiz, 05.09.2019.
20. **Denzler R.** Rückenschmerzen – in 15 Minuten zur klinischen Diagnose. *Update Rheumatologie – Fortbildung für Hausärzte*, Zürich, Schweiz, 16.05.2019.
21. **Dittrich M, Rüdiger HA and Mansour T.** The impact of heterotopic ossifications on self-reported functional outcomes after total hip replacement using the direct anterior approach. 79. *Jahreskongress der Schweizerischen Gesellschaft für Orthopädie und Traumatologie (SGOT)*, Baden, Switzerland, 26.-28.06.2019.
22. **Dohm-Acker M.** Trailrunning – Verletzungen – Laufanalyse. *Laufsportforum 2019*, Schulthess Klinik, Zürich, Schweiz, 27.03.2019.
23. **Drobny T.** Milestones in the development of total knee arthroplasty. *XXIII. Národní Kongres ČSOT 2019*, Prague, Czech Republic, 09.-11.05.2019.
24. **Feddermann-Demont N.** The heterogeneity of concussion. *Concussion Symposium, University Hospital Geneva*, Geneva, Switzerland, 19.09.19.
25. **Feddermann-Demont N.** Kopfverletzungen-Erstuntersuchung, Diagnose und Management in den ersten 72 Stunden. *Medical and Training Aspects in Football. 13th International Sports Medical Workshop*, Luxembourg, Luxembourg, 09.03.19.
26. **Feddermann-Demont N.** Sideline assessment concussion. *Deutscher Fussball-Bund (DFB)-Akademie Fortbildung Fussballmedizin*, Frankfurt, Germany, 23.01.19.
27. **Fekete TF.** Biomechanik der Wirbelsäule. *Basiskurs der Akademie der Deutschen Wirbelsäulengesellschaft (DWG)*, Bernau-Felden, Deutschland, 27.06.2019.
28. **Fekete TF.** Filum terminale ependymoma and dermoid cyst - case report. *Fallvorstellung*, Schulthess Klinik, Zürich, Schweiz, 2019.
29. **Fekete TF.** Neurochirurgie. *Semmelweis Universität, Klinik für Transplantation Vorlesung für Medizinstudenten*, Budapest, Hungary, 2019.
30. **Fekete TF.** Zervikale Myelopathie - Indikation und operatives Vorgehen. *Basiskurs der Akademie der Deutschen Wirbelsäulengesellschaft (DWG)*, Hamburg, Deutschland, 24.09.2019.
31. **Felsch QTM.** OSG-Supinationstrauma – ein Bagatellunfall? Differentialdiagnosen, Diagnostik und Behandlung. *3. Interdisziplinäres Symposium*, Schulthess Klinik, Zürich, Schweiz, 17.01.2019.

32. **Felsch QTM.** Sportmedizin: Leistungsdiagnostik/Leistungstests. *Demowoche Gesundheitswissenschaften und Technologie der Eidgenössischen Technischen Hochschule (ETH), Schulthess Klinik, Zürich, Schweiz, 04.-07.02.2019.*
33. **Forster A.** Arthrose – konservative Therapie: Was gibt es Neues? *Frühjahrskongress Schweizerische Gesellschaft für Allgemeine Innere Medizin (SGAIM), Basel, Schweiz, 05.06.2019.*
34. **Forster A.** Der Gichtpatient – ein Leitfaden zur konsequenten Behandlung. *Medical Tribune Seminar, Zürich, Schweiz, 12.09.2019.*
35. **Forster A.** Extra-artikuläre Manifestationen bei rheumatoider Arthritis und Update Sarilumab. *Expert Board Rheumatologie und Sanofi Genzyme, Zürich, Schweiz, 09.04.2019.*
36. **Forster A.** Gelenk- und Weichteilinfiltrationen aus rheumatologischer Sicht. *Fachtagung „Update Rheumatologie“, Rheumatologie Schweiz, Luzern, Schweiz, 26.10.2019.*
37. **Forster A.** Gelenkinjektionen: Wann? was? *Rheuma Top 2019 – Symposium für die Praxis, Universitätsspital Zürich, Inselspital und Universitätsspital Basel, Pfäffikon SZ, Schweiz, 22.08.2019.*
38. **Forster A.** Moderne rheumatologische Basistherapie. *Fachsymposium Klinik Davos und Zürcher Rehasentren, Davos, Schweiz, 20.06.2019.*
39. **Forster A.** Opiate, Antiepileptika und Antidepressiva als Schmerztherapeutika – Update für die Anwendung in der Praxis. *60. Jahreskongress Schweizerische Ärztegesellschaft für Manuelle Medizin (SAMM), Interlaken, Schweiz, 29.11.2019.*
40. **Forster A.** Pharmakologie der Glucocorticoide, Basismedikamente und Opioide. *Zürcher Hochschule für Angewandte Wissenschaft (ZHAW), Lehrgang MSc in Physiotherapie, Winterthur, Schweiz, 28.03.2019.*
41. **Forster A.** Wann welches Röntgenbild und was kann man sehen? *Update Rheumatologie 2018 für Grundversorger. Rheumaliga Schweiz, Zürich, Schweiz, 16.05.2019.*
42. **Forster A.** Workshop: Rückenuntersuchung. *42. Ärztekongress Arosa, Arosa, Schweiz, 29.03.2019.*
43. **Friesenbichler B.** Bracing for ACL and PFPS. *Vorlesung MSc Physiotherapie, Berner Fachhochschule, Bern, Switzerland, 05.12.2019.*
44. **Friesenbichler B.** Laboratory course in exercise physiology (376-0130-00L). *Department of Health Sciences and Technology (ETH). Surface Electromyography, Schulthess Clinic, Zurich, Switzerland, 17.10.2019 & 31.10.2019.*
45. **Friesenbichler B.** Objektive Muskelkraftmessungen in der klinischen Forschung. *Demowoche Gesundheitswissenschaften und Technologie der Eidgenössischen Technischen Hochschule (ETH), Schulthess Klinik, Zürich, Schweiz, 04.-07.02.2019.*
46. **Fuchs N.** Evidenzen in der Fingerreplantation – eine Übersicht. *53. Jahreskongress der Schweizerischen Gesellschaft für Handchirurgie (SGH)/20. Jahreskongress der Schweizerischen Gesellschaft für Handrehabilitation (SGHR), Interlaken, Switzerland, 21.-22.11.2019.*
47. **Fuchs N.** Fallvorstellung. *Handchirurgie Symposium, Schulthess Klinik, Zürich, Schweiz, 08.11.2019.*
48. **Fuchs N.** Scaphoid fractures: diagnostics. *106. Jahreskongress der Schweizerischen Gesellschaft für Chirurgie, Bern, Schweiz, 16.05.2019.*
49. **Gatenholm B, Lindahl C, Brittberg M and Stadelmann VA.** An automatic microCT workflow for assessing cartilage and subchondral bone morphology in osteoarthritic human knees. *Orthopedic Research Society Annual Meeting, Austin, USA, 02.-05.02.2019.*
50. **Glanzmann M.** Complications following reverse shoulder arthroplasty: what can bail us out? *14th Annual Congress of the Chinese Orthopädic Association, Shanghai, China 14.-17.11.2019.*
51. **Glanzmann M.** Demonstration: Muskelsehnentransfer (Latissimus dorsi, Pectoralis major). *Gesellschaft für Arthroskopie und Gelenkchirurgie (AGA) – Akademie Obere Extremität Schulter, Ellenbogen, Graz, Österreich, 07.-09.02.2019.*
52. **Glanzmann M.** Impingementsyndrome am Ellbogen. *Gesellschaft für Arthroskopie und Gelenkchirurgie (AGA) – Akademie Obere Extremität Schulter, Ellenbogen, Graz, Österreich, 07.-09.02.2019.*
53. **Glanzmann M.** Indikationen beim Normalbürger – weniger Muskeln heißt auch weniger OP. *36. Kongress der Gesellschaft für Arthroskopie und Gelenkchirurgie (AGA), Mannheim, Deutschland, 12.-14.09.2019.*
54. **Glanzmann M.** Knochenblockverfahren zur Behandlung des köchernen Glenoiddefektes. *Gesellschaft für Arthroskopie und Gelenkchirurgie (AGA) – Akademie Obere Extremität Schulter, Ellenbogen, Graz, Österreich, 07.-09.02.2019.*

55. **Glanzmann M.** Osteochondral defects at the elbow. *3rd Basel Elbow Course*, Basel, Switzerland, 08.02.2019.
56. **Glanzmann M.** Osteokapsuläre Plastik: Die Rückkehr der O-K Prozedur. *36. Kongress der Gesellschaft für Arthroskopie und Gelenkchirurgie (AGA)*, Mannheim, Deutschland, 12.-14.09.2019.
57. **Glanzmann M.** Vorsitz: Ellenbogen-Luxation: OP oder konservativ? *36. Kongress der Gesellschaft für Arthroskopie und Gelenkchirurgie (AGA)*, Mannheim, Deutschland, 12.-14.09.2019.
58. **Glanzmann M.** Vorsitz: Multiplanare Korrekturosteotomien. *26. Jahreskongress der Deutschen Vereinigung für Schulter- und Ellenbogenchirurgie (DVSE)*, St. Gallen, Schweiz, 16.-18.05.2019.
59. **Glanzmann M.** Zugänge und diagnostische Arthroskopie. *Gesellschaft für Arthroskopie und Gelenkchirurgie (AGA) – Akademie Obere Extremität Schulter, Ellenbogen*, Graz, Österreich, 07.-09.02.2019.
60. **Grobet C.** STEPS: Klinische Forschung. *Demowoche Gesundheitswissenschaften und Technologie der Eidgenössischen Technischen Hochschule (ETH), Schulthess Klinik*, Zürich, Schweiz, 04.-07.02.2019.
61. **Guggi T and Preiss S.** Medial unicondylar arthroplasty in the ACL deficient knee. *12. Endoprothetikongress Berlin*, Berlin, Germany, 14.-16.02.2019.
62. **Harder L.** Knee deformities and OA. *Clinical Challenges in Musculoskeletal Disorders, Swiss Federal Institute of Technology (ETH) Master Lecture, Schulthess Clinic*, Zurich, Switzerland, 11.03.2019.
63. **Haschtmann D.** Aktuelle Verfahren und Trends in der Wirbelsäulenchirurgie. *Physiotherapie Symposium 2019. Theoretisches und praktisches Update in der Orthopädie*, Schulthess Klinik, Zürich, Schweiz, 09.11.2019.
64. **Haschtmann D.** Fusionstechniken – die sichere Fusion durch Knochenersatzstoffe. *Akademie der Deutschen Wirbelsäulengesellschaft (DWG) Forum Wirbelsäulenchirurgie*, St. Anton am Arlberg, Österreich, 17.-19.01.2019.
65. **Haschtmann D.** Was wurde eigentlich aus Barricaid, Dynesis, PEEK-Stäben, Facettenprothesen? *Akademie der Deutschen Wirbelsäulengesellschaft (DWG) Forum Wirbelsäulenchirurgie*, St. Anton am Arlberg, Österreich, 17.-19.01.2019.
66. **Hensler S.** STEPS: Klinische Forschung. *Demowoche Gesundheitswissenschaften und Technologie der Eidgenössischen Technischen Hochschule (ETH), Schulthess Klinik*, Zürich, Schweiz, 04.-07.02.2019.
67. **Herren DB.** Artropatia della MF e della IPP: sostituzione protesica – quando e come. *Giornate di aggiornamento in chirurgia della Mano del Gaetano Pini – 3 Edizione*, Milano, Italia, 08.05.2019.
68. **Herren DB.** Die Hand aus golfmedizinischer Sicht. *Patienteninfoanlass: Golf und die Hand*, Schulthess Klinik, Zürich, Schweiz, 28.10.2019.
69. **Herren DB.** Dual mobility implant Touch® in the treatment of carpometacarpal osteoarthritis of the thumb. *53. Jahreskongress der Schweizerischen Gesellschaft für Handchirurgie (SGH)/20. Jahreskongress der Schweizerischen Gesellschaft für Handrehabilitation (SGHR)*, Interlaken, Switzerland, 21.-22.11.2019.
70. **Herren DB.** Dupuytren's disease. Reconstruction in extensor tendon. *17° Congreso Sudamericano de Cirugía de la Mano*, Cartagena, Colombia, 27.08.2019.
71. **Herren DB.** Four corner fusion. *International Bone Research Association*, Zurich, Switzerland, 31.01.-01.02.2019.
72. **Herren DB.** Outcome measurements in hand surgery focused on OA. *South African Society for Surgery of the Hand: Annual Refresher Course 2019*, Pretoria, South Africa, 22.-24.02.2019.
73. **Herren DB.** Partial or total wrist fusion. *17° Congreso Sudamericano de Cirugía de la Mano*, Cartagena, Colombia, 27.08.2019.
74. **Herren DB.** PIP joint: arthritis and deformity. *20th European Federation of National Associations of Orthopaedics and Traumatology (EFORT) Congress*, Lisbon, Portugal, 05.-07.06.2019.
75. **Herren DB.** Scaphoid non-union: What is more important vascularity or stability? *17° Congreso Sudamericano de Cirugía de la Mano*, Cartagena, Colombia, 27.08.2019.
76. **Herren DB.** Update on rheumatoid surgery of the hand. *South African Society for Surgery of the Hand: Annual Refresher Course 2019*, Pretoria, South Africa, 22.-24.02.2019.
77. **Hofstetter E.** Return to competition nach lumbaler Diskushernie am Beispiel einer Hochleistungs-Beachvolleyballerin. *Physiotherapie Symposium 2019. Theoretisches und praktisches Update in der Orthopädie*, Schulthess Klinik, Zürich, Schweiz, 09.11.2019.

78. **Item JF.** Objektive Muskelkraftmessungen in der klinischen Forschung. *Demowoche Gesundheitswissenschaften und Technologie der Eidgenössischen Technischen Hochschule (ETH), Schulthess Klinik, Zürich, Schweiz, 04.-07.02.2019.*
79. **Jeszenszky D.** Complex pediatric cases: looking for a solution. *26th International Meeting on Advanced Spine Techniques (IMAST), Amsterdam, Netherlands, 17.-20.07.2019.*
80. **Jeszenszky D.** Complication avoidance in AIS surgery. *Johnson & Johnson Institute, EMEA Spine Symposium, Hamburg, Germany, 11.-12.04.2019.*
81. **Jeszenszky D.** Complications in the pediatric cervical spine: why they happen and how to avoid. *26th International Meeting on Advanced Spine Techniques (IMAST), Amsterdam, Netherlands, 17.-20.07.2019.*
82. **Jeszenszky D.** Current surgical treatment options for lumbar herniated disc. *University of Debrecen teaching lecture, Debrecen, Hungary, 09.11.2019.*
83. **Jeszenszky D.** Double rod constructs in revision surgery. *DePuy Synthes Revision Symposium, Zuchwil, Switzerland, 05.06.2019.*
84. **Jeszenszky D.** The growing spine. Surgical strategies. *XXIII Národní Kongres ČSOT 2019, Prague, Czech Republic, 09.-11.05.2019.*
85. **Jeszenszky D.** The impact of personalized medicine in challenging spine deformities. *9th M.O.R.E. International Symposium, Session 06 - Adolescent Spine Deformity and Treatment Options, Lugano, Switzerland, 11.-13.04.2019.*
86. **Jeszenszky D.** Never ending complication and still a good outcome: a case report. Severe pediatric case with Halo and staged surgery. *26th International Meeting on Advanced Spine Techniques (IMAST), Amsterdam, Netherlands, 17.-20.07.2019.*
87. **Jeszenszky D.** Surgical considerations in complex pediatric cervical spine deformities. *53rd Annual Meeting of the Japanese Scoliosis Society, Viento-Takasaki, Japan, 08.-09.11.2019.*
88. **Jeszenszky D and Meyer B.** Practical pros and cons in evaluation and decision making. *19th Schweizerische Gesellschaft für Spinale Chirurgie (SGS) Annual Meeting, St. Gallen, Switzerland, 23.08.2019.*
89. **Jörn Good U.** Rheumatoide Arthritis & Gelenkschutz. *Ergotherapie Austria, Wien, Österreich, 26.09.2019.*
90. **Jörn Good U.** Rhizarthrose & Co. *Ergotherapie Austria, Salzburg, Österreich, 19.09.2019.*
91. **Jung C.** Bildgebende Verfahren – Was benötigen wir bei welcher Diagnose? *Schultersymposium 2019, Schulthess Klinik, Zürich, Schweiz, 21.11.2019.*
92. **Jung C.** Diagnostik und Therapie der Subscapularis-Läsion. *10. Arthroskopiekurs Sylt, Kampen, Deutschland, 17.-19.10.2019.*
93. **Jung C.** Grundlagen der Rotatorenmanschettenläsionen. *10. Arthroskopiekurs Sylt, Kampen, Deutschland, 17.-19.10.2019.*
94. **Jung C.** Return To Sports nach Rotatorenmanschetten-Rekonstruktion und Schulterstabilisierung. *37. Arthroskopiekurs Arosa, Arosa, Schweiz, 02-06.12.2019.*
95. **Jung C.** Sehnentransfer-OPs? Lat. dorsi pect. major – was wann wie? *16. Allgäuer Symposium, Pfronten, Deutschland, 05.-06.07.2019.*
96. **Jung C.** Therapie chronischer ACG-Instabilitäten. *5. Deutschen Vereinigung für Schulter- und Ellenbogenchirurgie (DVSE) Resident's Summit, Pfronten, Deutschland, 04.-05.07.2019.*
97. **Jung C.** Therapie von LBS und SLAP - wo stehen wir? *10. Arthroskopiekurs Sylt, Kampen, Deutschland, 17.-19.10.2019.*
98. **Jung C.** Vordere Weichteilstabilisierung – wann und wie? *37. Arthroskopiekurs Arosa, Arosa, Schweiz, 02.-06.12.2019.*
99. **Jung C.** Vorsitz: Aktuelle Rehabilitations-Konzepte an Schulter und Ellenbogen. *26. Jahreskongress der Deutschen Vereinigung für Schulter- und Ellenbogenchirurgie (DVSE), St. Gallen, Schweiz, 16.-18.05.2019.*
100. **Jung C.** Vorsitz: Früharthrose der Oberen Extremität. *36. Kongress der Gesellschaft für Arthroskopie und Gelenkchirurgie (AGA), Mannheim, Deutschland, 12.-14.09.2019.*
101. **Keller E.** Hüft- und Knieprothese: was kommt auf mich zu? *Patienteninfoanlass 2019, Schulthess Klinik, Zürich, Schweiz, 14.11.2019.*
102. **Kleinstück F.** Spinal deformities. *Clinical Challenges in Musculoskeletal Disorders, Swiss Federal Institute of Technology (ETH) Master Lecture, Schulthess Clinic, Zurich, Switzerland, 18.03.2019.*

103. **Koller C.** Klinische Diagnostik der Schulter – welche Tests haben sich bewährt? *Schultersymposium 2019, Schulthess Klinik, Zürich, Schweiz, 21.11.2019.*
104. **Kramers-de Quervain I.** Clinical and movement biomechanics: clinical interpretation of gait data. *Swiss Federal Institute of Technology (ETH) Lecture, Zurich, Switzerland, 04.12.2019.*
105. **Kramers-de Quervain I.** Degenerative and rheumatoid diseases. *Clinical Challenges in Musculoskeletal Disorders, Swiss Federal Institute of Technology (ETH) Master Lecture, Schulthess Clinic, Zurich, Switzerland, 18.02.2019.*
106. **Leunig M.** Prearthritic hip deformities (FAI). *Clinical Challenges in Musculoskeletal Disorders, Swiss Federal Institute of Technology (ETH) Master Lecture, Schulthess Clinic, Zurich, Switzerland, 15.04.2019*
107. **List R.** Bewegungs- und Sportbiomechanik. *Department Gesundheitswissenschaften und Technologie Vorlesungen (376-1651-00L & 376-1651-00 G). Eidgenössische Technische Hochschule (ETH), Zürich, Schweiz, Herbstsemester 2019.*
108. **List R.** Clinical and movement biomechanics. *Department of Health Sciences and Technology Lectures (376-0203-00L and 376-0203-00 G). Swiss Federal Institute of Technology (ETH), Zurich, Switzerland, Autumn Semester 2019.*
109. **List R.** Praktikum Biomechanik. *Department Gesundheitswissenschaften und Technologie Vorlesungen (376-0131-00L & 376-0131-00 P). Eidgenössische Technische Hochschule (ETH), Zürich, Schweiz, Frühlingsemester 2019.*
110. **Loibl M.** 10 steps to ACDF. *AOSpine Local Junior Seminar, Basel, Switzerland, 09.04.2019.*
111. **Loibl M.** 10 steps to pedicle subtraction osteotomy. *AOSpine Advanced Course, Bern, Switzerland, 25.-26.10.2019.*
112. **Loibl M.** C5 palsy. *Eurospine, the Spine Society of Europe Education Week, Advanced Module II, Geneva, Switzerland, 03.-05.07.2019.*
113. **Loibl M.** Kindliche Wirbelsäulenverletzung - eine seltene Herausforderung. *Akademie der Deutschen Wirbelsäulengesellschaft (DWG) Trauma Modul, Ingolstadt, Deutschland, 26.09.2019.*
114. **Loibl M.** Pseudarthrosis management. *Eurospine, the Spine Society of Europe Education Week, Advanced Module II, Geneva, Switzerland, 03.-05.07.2019.*
115. **Loibl M.** Safety checklist for spine patients. *Eurospine, the Spine Society of Europe Education Week, Advanced Module II, Geneva, Switzerland, 03.-05.07.2019.*
116. **Loibl M.** Syringomyelia. *Eurospine, the Spine Society of Europe Education Week, Advanced Module II, Geneva, Switzerland, 03.-05.07.2019.*
117. **Loibl M.** Visceral complications. *Eurospine, the Spine Society of Europe Education Week, Advanced Module II, Geneva, Switzerland, 03.-05.07.2019.*
118. **Maffiuletti NA.** Did we forget the nervous system? *XXIV Congress of the Italian Society of Arthroscopy, Milan, Italy, 26.10.2019.*
119. **Maffiuletti NA.** Electrical stimulation for testing and optimizing the neuromuscular function. *South Bank University Invited Talk, London, UK, 03.04.2019.*
120. **Maffiuletti NA.** Evaluation and optimization of the neuromuscular function in orthopedic and sports medicine patients. *University of Salzburg Invited Course, Salzburg, Austria, 02.-03.07.2019.*
121. **Maffiuletti NA.** Evaluation and treatment of muscle weakness in orthopedics. *Swiss Federal Institute of Technology (ETH) Invited Course, Zurich, Switzerland, 06.05.2019.*
122. **Maffiuletti NA.** From 'De Motu Animalium' (1680) to 'De Velocitate Neuron-Motorium' (2019): towards a better understanding of how the nervous system drives muscles. *8th Congress of the Italian Society of Physical Therapy, Mestre, Italy, 27.10.2019.*
123. **Maffiuletti NA.** Laboratory course in exercise physiology (376-0130-00L). *Department of Health Sciences and Technology (ETH). Surface Electromyography, Schulthess Clinic, Zurich, Switzerland, 24.10.2019.*
124. **Maffiuletti NA.** Maximizing neural adaptations. *Finnish Sports Physiotherapists Association, Helsinki, Finland, 07.06.2019.*
125. **Maffiuletti NA.** Neural control of skeletal muscle. *Catholic University of Murcia Invited Course, Murcia, Spain, 14.-15.02.2019.*
126. **Maffiuletti NA.** Neuromuscular electrical stimulation: principles and applications. *XXVII Congress of the International Society of Biomechanics/43rd Annual Meeting of the American Society of Biomechanics, Calgary, Canada, 04.08.2019.*

127. **Maffiuletti NA.** Promoting neuroplasticity in postoperative rehabilitation. *Arthromeeeting SIA (Società Italiana di Artrosopia) 2019*, Rozzano, Italy, 13.04.2019.
128. **Maffiuletti NA.** Use it or lose it: the importance of muscle strength increases with increasing age. *XXI Convention ISSA Europe*, Rimini, Italy 08.06.2019.
129. **Manner H.** Limb deformities. *Clinical Challenges in Musculoskeletal Disorders, Swiss Federal Institute of Technology (ETH) Master Lecture, Schulthess Clinic*, Zurich, Switzerland, 25.03.2019.
130. **Mannion AF.** Chairperson: Aging spine. *46th Annual Meeting of the International Society for the Study of the Lumbar Spine (ISSLS)*, Kyoto, Japan, 04.06.2019.
131. **Mannion AF.** Chairperson: Lecture 1 - Clinical and imaging phenotyping: what we know, what we don't know, and future directions. *46th Annual Meeting of the International Society for the Study of the Lumbar Spine (ISSLS) Post-Congress Symposium*, Kyoto, Japan, 08.06.2019.
132. **Mannion AF.** Factors influencing the outcome of spine surgery. *Maastricht University Medical Centre, Department of Neurosurgery Visiting Lecturer Series*, Maastricht, Netherlands, 03.12.2019.
133. **Mannion AF.** Research and development at the Schulthess Klinik. *Demowoche Gesundheitswissenschaften und Technologie der Eidgenössischen Technischen Hochschule (ETH), Schulthess Klinik*, Zurich, Switzerland 04.-07.02.2019.
134. **Marks M.** Tutoriat: Clinical Research. *Eidgenössische Technische Hochschule (ETH), Zürich, Schweiz*, 08.03.-31.05.2019.
135. **Mayor C and Jörn Good U.** Ergotherapie in der Rheumatologie. *Vorlesung: Eidgenössische Technische Hochschule (ETH), Abteilung Humanmedizin*, Zürich, Schweiz, 18.10.2019.
136. **Mayor C and Jörn Good U.** Fallpräsentation. *60. Symposium der Deutschsprachigen Arbeitsgemeinschaft für Handchirurgie (DAH)*, Bern, Schweiz, 19.-21.09.2019.
137. **Moro F.** Better of two evils? Anconeus Interpositionsarthroplastik. *16. Allgäuer Symposium*, Pfronten, Deutschland, 05.-06.07.2019.
138. **Moro F.** Der humerale Knochenverlust und Lösungsmöglichkeiten: Knöcherner Aufbau am Humerus mit Allograft/Autograft. *36. Kongress der Gesellschaft für Arthroskopie und Gelenkchirurgie (AGA)*, Mannheim, Deutschland, 12.-14.09.2019.
139. **Moro F.** Endoprothetik – Lösungen und Grenzen im Revisionsfall. *Köln-Pforzheimer-Ellenbogentage 2019*, Pforzheim, Deutschland, 26.-28.09.2019.
140. **Moro F.** Ermüdungsbruch der Spina-Scapula – Therapieoptionen. *Deutschen Vereinigung für Schulter- und Ellenbogenchirurgie (DVSE) Traumakurs: Schulter- und Ellbogentraumatologie*, Würzburg, Deutschland, 21.-23.02.2019.
141. **Moro F.** Fallbasiert: Revisionsstrategien bei Pseudarthrosen. *Munich Elbow Reloaded*, München, Deutschland, 15.-16.03.2019.
142. **Moro F.** How to manage the failed osteosynthesis? *Paris International Shoulder Course*, Paris, France, 14.-16.02.2019.
143. **Moro F.** The lost elbow prosthesis case – revision arthroplasty and salvage procedures. *Trauma Academy International Master Course 2019*, Cologne, Germany, 04.-05.10.2019.
144. **Moro F.** Luxationsfrakturen, Monteggia und Monteggia-like-lesion. *3. Mitteldeutscher Ellenbogenkurs & Präparate Workshop*, Marburg, Deutschland, 22.-23.11.2019.
145. **Moro F.** Open release for post-traumatic elbow stiffness – technical aspects. *Trauma Academy International Master Course 2019*, Cologne, Germany, 04.-05.10.2019.
146. **Moro F.** Periprosthetic and peri-implant fractures at the proximal humerus. *106. Jahreskongress der Schweizerischen Gesellschaft für Chirurgie*, Bern, Switzerland, 15.-17.05.2019.
147. **Müller A.** Introduction. *Clinical Challenges in Musculoskeletal Disorders, Swiss Federal Institute of Technology (ETH) Master Lecture, Schulthess Clinic*, Zurich, Switzerland, 18.02.2019.
148. **Müller A.** Neuromuscular diseases. *Clinical Challenges in Musculoskeletal Disorders, Swiss Federal Institute of Technology (ETH) Master Lecture, Schulthess Clinic*, Zurich, Switzerland, 20.05.2019.
149. **Nauer S.** Fragebogen in der klinischen Forschung. *Demowoche Gesundheitswissenschaften und Technologie der Eidgenössischen Technischen Hochschule (ETH), Schulthess Klinik*, Zürich, Schweiz, 04.-07.02.2019.
150. **Nussbaumer M.** Rückenschmerzen – in 15 Minuten zur klinischen Diagnose. *Update Rheumatologie – Fortbildung für Hausärzte, Schulthess Klinik*, Zürich, Schweiz, 16.05.2019.
151. **Palla A.** Headache and migraine. *European League Against Pain (EULAP) Pain Course*, Zurich, Switzerland, 13.09.19.

152. **Palla A.** Is a treatment stop of prophylactic medication after 12 months justifiable in migraine patients? *TEVA - 3 Länder Experten Meeting*, Küsnacht, Switzerland, 19.10.19.
153. **Palla A.** Primary headaches. *Schweizerische Gesellschaft zum Studium des Schmerzes (SGSS) Pain Course 2019*, Zurich, Switzerland, 28.05.19.
154. **Porchet F.** Degenerative spine disease. *Clinical Challenges in Musculoskeletal Disorders, Swiss Federal Institute of Technology (ETH) Master Lecture, Schulthess Clinic*, Zurich, Switzerland, 29.04.2019.
155. **Preiss S.** ACL injuries. *Clinical Challenges in Musculoskeletal Disorders, Swiss Federal Institute of Technology (ETH) Master Lecture, Schulthess Clinic*, Zurich, Switzerland, 01.04.2019.
156. **Pürckhauer H.** Volkskrankheit Tennisarm – Diagnostik, Therapie und Differentialdiagnosen. *Physiotherapie Symposium 2019. Theoretisches und praktisches Update in der Orthopädie, Schulthess Klinik*, Zürich, Schweiz, 09.11.2019.
157. **Rippstein P.** Der Fuss in der Sprechstunde - ein Crashkurs. 58. *Ärztkongress Davos*, Davos, Schweiz, 07.-09.02.2019.
158. **Rippstein P.** Die klinische Untersuchung des Fusses. *Schweizerischen Gesellschaft für Allgemeine Innere Medizin Herbstkongress: Pure Medicine*, St. Gallen, Schweiz, 19.-20.09.2019.
159. **Rippstein P.** Fussbeschwerden - ein grobes «Diagnose-Raster» für die Praxis. 58. *Ärztkongress Davos*, Davos, Schweiz, 07.-09.02.2019.
160. **Rippstein P.** Fussbeschwerden in der Sprechstunde, ein praktischer Crashkurs. *Jahressymposium Health Professionals in Rheumatology*, Interlaken, Schweiz, 05.09.2019.
161. **Rippstein P.** Hallux rigidus - the failed implant. *European Foot and Ankle Society (EFAS) Advanced Symposium*, Helsinki, Finland, 06.-07.12.2019.
162. **Rippstein P and Lanz A.** Praktischer Kurs zur Untersuchung des Fusses. *Schulthess Klinik Hausärztfortbildung*, Zürich, Schweiz, 05.06.2019.
163. **Rippstein P and Lanz A.** Vom Befund zur Diagnose - ein interaktiver Workshop. 3. *Interdisziplinäres Symposium, Schulthess Klinik*, Zürich, Schweiz, 17.01.2019.
164. **Rippstein P and Lanz A.** Workshop: Die Fussuntersuchung. *Symposium Allgemeiner und Spezialisierter Internistinnen und Internisten Zürich*, Zürich, Schweiz, 31.01.2019.
165. **Romano F.** Kinesio-Tape. *Demowoche Gesundheitswissenschaften und Technologie der Eidgenössischen Technischen Hochschule (ETH), Schulthess Klinik*, Zürich, Schweiz, 04.-07.02.2019.
166. **Rüdiger H.** Interface problems (hip). *Clinical Challenges in Musculoskeletal Disorders, Swiss Federal Institute of Technology (ETH) Master Lecture, Schulthess Clinic*, Zurich, Switzerland, 08.04.2019.
167. **Rutishauser T.** Foot injuries and deformities. *Clinical Challenges in Musculoskeletal Disorders, Swiss Federal Institute of Technology (ETH) Master Lecture, Schulthess Clinic*, Zurich, Switzerland, 04.03.2019.
168. **Rutishauser T.** Haglund-Exostosis-Kelly-Keck-Osteotomy. *Swiss Federal Institute of Technology (ETH) Lecture, Schulthess Clinic*, Zurich, Switzerland, 04.03.2019.
169. **Rutishauser T.** Leitung: Praktischer Kurs Sprunggelenk/Fuss. *Bachelor Studiengang der Eidgenössischen Technischen Hochschule (ETH), Schulthess Klinik*, Zürich, Schweiz, 20.03.2019.
170. **Sacherer P.** Kinesio-Tape. *Demowoche Gesundheitswissenschaften und Technologie der Eidgenössischen Technischen Hochschule (ETH), Schulthess Klinik*, Zürich, Schweiz, 04.-07.02.2019.
171. **Sacherer P.** Stosswellentherapie in der Sportmedizin. 3. *Interdisziplinäres Symposium, Schulthess Klinik*, Zürich, Schweiz, 17.01.2019.
172. **Sacherer P.** V-KIT/Diagnostik Concussion. *Demowoche Gesundheitswissenschaften und Technologie der Eidgenössischen Technischen Hochschule (ETH), Schulthess Klinik*, Zürich, Schweiz, 04.-07.02.2019
173. **Salzmann GM.** Autologous minced cartilage. *International Cartilage Repair Society (ICRS) Focus Meeting*, Rome, Italy, 05.-07.06.2019.
174. **Salzmann GM.** Einzeitige innovative Knorpeltherapie – minced cartilage, allogenic cells. 8. *Berliner Knorpelsymposium*, Berlin, Deutschland, 10.-11.05.2019.
175. **Salzmann GM.** The future: minced cartilage. *Orthopedic Technology Innovation Forum - Sports Medicine*, Munich, Switzerland, 22.02.2019.
176. **Salzmann GM.** Knorpelchips. *Frankfurt MuskuloSkelettal 2019*, Frankfurt, Deutschland, 29.-30.11.2019.

177. **Salzmann GM.** Knorpelchips. *36. Kongress der Gesellschaft für Arthroskopie und Gelenkchirurgie (AGA)*, Mannheim, Deutschland, 12.-14.09.2019.
178. **Sannwald S.** Sportmedizin: Leistungsdiagnostik/Leistungstests. *Demowoche Gesundheitswissenschaften und Technologie der Eidgenössischen Technischen Hochschule (ETH), Schulthess Klinik*, Zürich, Schweiz, 04.-07.02.2019.
179. **Scheibel M.** Anteriore Glenoidfrakturen – warum arthroskopisch und nicht mehr offen? *36. Kongress der Gesellschaft für Arthroskopie und Gelenkchirurgie (AGA)*, Mannheim, Deutschland, 12.-14.09.2019.
180. **Scheibel M.** Anteriore und posteriore Luxationsfrakturen. *Deutschen Vereinigung für Schulter- und Ellenbogenchirurgie (DVSE) Traumakurs: Schulter- und Ellbogentraumatologie*, Würzburg, Deutschland, 21.-23.02.2019.
181. **Scheibel M.** Glenoid- und Tuberculum majus Frakturen bei Schulterinstabilität. *Deutscher Kongress für Orthopädie und Unfallchirurgie (DKOU)*, Berlin, Deutschland, 22.-25.10.2019.
182. **Scheibel M.** Neues aus der Schulterchirurgie 2018 – Was sie in der Praxis wissen sollten. 3. *Interdisziplinäres Symposium, Schulthess Klinik*, Zürich, Schweiz, 17.01.2019.
183. **Scheibel M.** Revisionsmöglichkeiten bei Glenoidlockerung nach anatomischer TEP. *36. Kongress der Gesellschaft für Arthroskopie und Gelenkchirurgie (AGA)*, Mannheim, Deutschland, 12.-14.09.2019.
184. **Scheibel M.** Rotatorenmanschettenrupturen – Standards und neue Trends. *Schultersymposium 2019, Schulthess Klinik*, Zürich, Schweiz, 21.11.2019.
185. **Scheibel M.** Superior capsular reconstruction: does it heal? *International Balgrist Shoulder Course 2019*, Zurich, Switzerland, 28.-30.03.2019.
186. **Scheibel M.** Surgical indications and technique to address high grade AC separations, and how the technique restores the anatomy and mechanics *14th International Congress of Shoulder and Elbow Surgery (ICSES)*, Buenos Aires, Argentina, 17.-20.09.2019.
187. **Scheibel M.** Therapie der chronischen AC-Gelenksluxation. *26. Jahreskongress der Deutschen Vereinigung für Schulter- und Ellenbogenchirurgie (DVSE)*, St. Gallen, Schweiz, 16.-18.05.2019.
188. **Scheibel M.** What you need to know about head-split fractures? *Paris International Shoulder Course*, Paris, France, 14.-16.02.2019.
189. **Scheifele U.** BESS/Therapie Concussion. *Demowoche Gesundheitswissenschaften und Technologie der Eidgenössischen Technischen Hochschule (ETH), Schulthess Klinik*, Zürich, Schweiz, 04.-07.02.2019.
190. **Schindele S.** CapFlex PIP – a real surface replacement! *CapFlex Workshop – Skills Lab*, Lucerne, Switzerland, 01.03.2019.
191. **Schindele S.** CapFlex PIP replacement – joining an established joint solution. *Bone Implant Research Group (BIRG) Symposium*, Tallinn, Estonia, 23.08.2019.
192. **Schindele S.** Die Hand aus golfmedizinischer Sicht. *Patienteninfoanlass: Golf und die Hand, Schulthess Klinik*, Zürich, Schweiz, 28.10.2019.
193. **Schindele S.** Distal radius fracture and associated lesions: carpal tunnel syndrome & DRF – to do or not to do? When and why? *Talking & Working Hands*, Sexten, Italy, 21.-23.03.2019.
194. **Schindele S.** Distal radius malunion: the role of IPS in corrective OT. *57° Congresso Nazionale Società Italiana di Chirurgia della Mano (SICM)*, Florence, Italy, 10.-12.10.2019.
195. **Schindele S.** Extra- and intra-articular radius reconstruction featuring 3D planned guides and implants. *Bone Implant Research Group (BIRG) Symposium*, Tallinn, Estonia, 22.08.2019.
196. **Schindele S.** Gong Show-Award. Greatest future clinical application award. Poster award. 53. *Jahreskongress der Schweizerischen Gesellschaft für Handchirurgie (SGH)/20. Jahreskongress der Schweizerischen Gesellschaft für Handrehabilitation (SGHR)*, Interlaken, Switzerland, 21.-22.11.2019.
197. **Schindele S.** PIP resurfacing prosthesis. *Brussels Hand Surgery Symposium: 27th Year Hand & Wrist Arthroplasty*, Brussels, Belgium, 30.03.2019.
198. **Schindele S.** Thumb degenerative pathology: prosthesis – implant arthroplasty. *Talking & Working Hands*, Sexten, Italy, 21.-23.03.2019.
199. **Schindele S.** Xiapex in der Schulthess Klinik – hard facts and learnings. *60. Symposium der Deutschsprachigen Arbeitsgemeinschaft für Handchirurgie (DAH)*, Bern, Switzerland, 19.-21.09.2019.
200. **Schmid-Vital S.** Live-Demo: Rehabilitation nach Schulteroperation. *Schultersymposium 2019, Schulthess Klinik*, Zürich, Schweiz, 21.11.2019.

201. **Schwyzler HK.** Endoprothetik am Schultergelenk – was leisten moderne Implantate? *Schultersymposium 2019, Schulthess Klinik, Zürich, Schweiz, 21.11.2019.*
202. **Sonderegger M.** Organisation: Symposium. *Physiotherapie Symposium 2019. Theoretisches und praktisches Update in der Orthopädie, Schulthess Klinik, Zürich, Schweiz, 09.11.2019.*
203. **Stadelmann VA.** MicroCT imaging of the osteochondral interface. *7th Swiss Bone and Mineral Society Summer School. The Osteochondral Interface, Interlaken, Switzerland, 16.-17.05.2019.*
204. **Stadelmann VA, Bourgoin L and Bonnet N.** Automatic quantification of intermuscular fat in standard mouse proximal tibia microCT scan. *22nd International Workshop on Quantitative Musculoskeletal Imaging (QMSKI), Lake Louise, Canada, 26.02.-01.03.2019.*
205. **Stadelmann VA, Gatenholm B, Lindahl CA and Brittberg M.** An automatic microCT workflow for relating subchondral bone morphology to the overlying cartilage damage in osteoarthritic human knees. *22nd International Workshop on Quantitative Musculoskeletal Imaging (QMSKI), Lake Louise, Canada, 26.02.-01.03.2019.*
206. **Stadelmann VA, Thompson K, Eberli U, Arens D, Richards RG and Moriarty TF.** Impact of osteoporosis and bisphosphonate on Staphylococcus epidermidis implant infection and response to antibiotic treatment. *19th Annual eCells & Materials (eCM) conference, Davos, Switzerland, 26.-28.06.2019.*
207. **Stadelmann VA, Thompson K, Eberli U and Moriarty TF.** A rat model of implant fixation with dynamic histomorphometry of the peri-implant space after contamination with low virulence microorganisms. *22nd International Workshop on Quantitative Musculoskeletal Imaging (QMSKI), Lake Louise, Canada, 26.02.-01.03.2019.*
208. **Stephan A.** Fragebogen in der klinischen Forschung. *Demowoche Gesundheitswissenschaften und Technologie der Eidgenössischen Technischen Hochschule (ETH), Schulthess Klinik, Zürich, Schweiz, 04.-07.02.2019.*
209. **Stulz S.** Laboratory course in exercise physiology (376-0130-00L). *Department of Health Sciences and Technology (ETH). Surface Electromyography, Schulthess Clinic, Zurich, Switzerland, 10.10.2019 & 21.11.2019.*
210. **Stulz S.** Objektive Muskelkraftmessungen in der klinischen Forschung. *Demowoche Gesundheitswissenschaften und Technologie der Eidgenössischen Technischen Hochschule (ETH), Schulthess Klinik, Zürich, Schweiz, 04.-07.02.2019.*
211. **Team Obere Extremitäten.** Workshop: Epikondylopathie – aktuelle Behandlungsansätze. *Physiotherapie Symposium 2019. Theoretisches und praktisches Update in der Orthopädie, Schulthess Klinik, Zürich, Schweiz, 09.11.2019.*
212. **Team Sportphysiotherapie.** Workshop: Best Practice der LWS-Sportrehabilitation? *Physiotherapie Symposium 2019. Theoretisches und praktisches Update in der Orthopädie, Schulthess Klinik, Zürich, Schweiz, 09.11.2019.*
213. **Team Untere Extremitäten.** Workshop: Assessments UE – Standardisierte Messungen bestimmen die Progression einer kriterienbasierten Rehaplanung. *Physiotherapie Symposium 2019. Theoretisches und praktisches Update in der Orthopädie, Schulthess Klinik, Zürich, Schweiz, 09.11.2019.*
214. **Team Wirbelsäule.** Workshop: Assessments LWS. *Physiotherapie Symposium 2019. Theoretisches und praktisches Update in der Orthopädie, Schulthess Klinik, Zürich, Schweiz, 09.11.2019.*
215. **Thiesmeyer B.** Return to competition nach lumbaler Diskushernie am Beispiel einer Hochleistungs-Beachvolleyballerin. *Physiotherapie Symposium 2019. Theoretisches und praktisches Update in der Orthopädie, Schulthess Klinik, Zürich, Schweiz, 09.11.2019.*
216. **Ventura A.** Kinesio-Tape. *Demowoche Gesundheitswissenschaften und Technologie der Eidgenössischen Technischen Hochschule (ETH), Schulthess Klinik, Zürich, Schweiz, 04.-07.02.2019.*
217. **Wirth B.** AC-Instabilität – akut und chronisch. *37. Arthroskopiekurs Arosa, Arosa, Schweiz, 02-06.12.2019.*
218. **Wirth B.** Partialrupturen – was versorge ich wann und wie? *37. Arthroskopiekurs Arosa, Arosa, Schweiz, 02-06.12.2019.*
219. **Wirth B.** Re-Live-Operation: arthroskopische Supraspinatusrekonstruktion. *Schultersymposium 2019, Schulthess Klinik, Zürich, Schweiz, 21.11.2019.*
220. **Wirth B.** Schulterreckgelenksprengungen – was gibt es Neues? *Schultersymposium 2019, Schulthess Klinik, Zürich, Schweiz, 21.11.2019.*

221. **Wirth B.** Volkskrankheit Tennisarm: Diagnostik, Therapie und Differenzialdiagnosen. 3. *Interdisziplinäres Symposium, Schulthess Klinik, Zürich, Schweiz, 17.01.2019.*
222. **Zehnder P, Held U and Mannion AF.** Predictive modelling on the Spine Tango Registry. *Eurospine, the Spine Society of Europe Lunch Symposium, Vienna, Austria, 16.-18.10.2019.*

Dissertationen, Diplomarbeiten

1. **Helbling B.** *Literature review to evaluate the effectiveness of trigger finger interventions* (Master of Science Physical Therapy). Zurich, Switzerland: Zürcher Hochschule für Angewandte Wissenschaften (ZHAW), 2019. Supervisor: Marks M.