

Publikationsverzeichnis Jahresbericht 2025

Originalarbeiten

(In „Peer-Reviewed“ Zeitschriften)

1. **Adams J, Al-Humadi S, Werner BC, Moroder P, Raiss P, Bedi A, Lederman E, Griffin J, Shoulder Arthroplasty Research Committee (ShARC) Group and Denard PJ.** Smaller glenosphere size and increased baseplate retroversion improve postoperative internal rotation after reverse total shoulder arthroplasty performed with a 135° humeral implant and lateralized glenoid. *JSES Int* 9: 2037-2043, 2025.
2. **Aeppli M, Carli A, Mündermann A, Rudiger HA and Leunig M.** Frame-based draping technique for standard table direct anterior approach THA: efficient and safe? *Clin Orthop Relat Res* (Epub ahead of print) DOI: 10.1097/corr.0000000000003789, 2025.
3. **Akgün D, Moroder P, Lacheta L, Siegert P, Bilsel K, Sencan K, Paksoy A, Rosa B, Werner LOE, Dey Hazra RO and Weiss I.** Differentiating and treating lateral clavicle fractures: a new simple classification system. *J Shoulder Elbow Surg* 35: 296-302, 2026.
4. **Akgün D, Paksoy A, Siegert P, Weiss I and Moroder P.** Primary osteoarthritis of the shoulder: are there differences in scapular morphology, orientation, and rotator cuff action lines between patients and healthy controls? *JSES Int* 9: 1319-1326, 2025.
5. **Al Attar WSA, Majrashi A and Bizzini M.** Effectiveness of FIFA 11+ injury prevention programs in reducing head and neck injuries, including concussion, among soccer players: a systematic review and meta-analysis. *Pediatr Exerc Sci* 37: 403-412, 2025.
6. **Ameziane Y, Audigé L, Schoch C, Flury M, Schwyzer HK, Scaini A, Maggini E and Moroder P.** Mid-term outcomes of a rectangular stem design with metadiaphyseal fixation and a 135° neck-shaft angle in reverse total shoulder arthroplasty. *J Clin Med* 14: 546, 2025.
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8. **Baettig SJ, Filipovic MG, Giroud M, Bomberg H, Hofer CK, Eichenberger U and Ganter MT.** SAFE anaesthesia for patients at risk of pulmonary aspiration: a nationwide survey. *Eur J Anaesthesiol Intensive Care* 4: e0070, 2025.
9. **Balaban B, Demirci N, Yilgor C, Yucekul A, Zulemyan T, Haddad S, Haleem S, Kilic F, Obeid I, Pizones J, Kleinstück F, Pérez FJS, Pellisé F, Alanay A, Bagci C, Sezerman OU and European Spine Study Group (ESSG).** Predicting mechanical complications in adult spinal deformity patients with postoperative proportioned and moderately disproportioned alignment. *Acta Orthop Traumatol Turc* 59: 210-221, 2025.
10. **Bandzaite L, Marks M, Schindele S and Herren DB.** Proximal interphalangeal surface replacement in patients with severe longitudinal joint axis deviation. *J Hand Surg Eur Vol* 50: 949-955, 2025.
11. **Baroncini A, Boissière L, Larrieu D, Haddad S, Pellisé F, Alanay A, Kleinstück F, Pizones J, Bourghli A, Obeid I and European Spine Study Group (ESSG).** Comparison of patients with and without predicted surgical indication between clusters of adult spine deformity (ASD) patients. *Spine (Phila Pa 1976)* 50: 975-980, 2025.
12. **Baroncini A, Bou Jaoude M, Boissière L, Bourghli A, Alanay A, Pellisé F, Kleinstück F, Pizones J, Ajoku U, Cecile R, Larrieu D, Obeid I and European Spine Study Group (ESSG).** Cosmetic appearance in adolescent idiopathic scoliosis: predictive factors and evaluation of the TAPS and SRS-22 self-image subdomains before and after posterior spinal fusion. *Orthop Traumatol Surg Res* (Epub ahead of print) DOI: 10.1016/j.otsr.2025.104244, 2025.
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14. **Baroncini A, Larrieu D, Bourghli A, Pizones J, Pellisé F, Kleinstück FS, Alanay A, Boissière L and Obeid I.** Machine learning can predict surgical indication: new clustering model from a large adult spine deformity database. *Eur Spine J* 34: 3659-3669, 2025.
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- clinically important difference for each cluster, comparing two clustering approaches. *Spine (Phila Pa 1976)* (Epub ahead of print) DOI: 10.1097/brs.00000000000005453, 2025.
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 22. **Bühl L, Müller S, Nüesch C, Halbeisen FS, Mündermann A and Egloff C.** Landing biomechanics in patients 2 years after augmented ACL repair and 2 years after hamstring autograft ACL reconstruction compared with controls. *Orthop J Sports Med* 13: 23259671251358386, 2025.
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„Peer-Reviewed“ Kongress Abstracts

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2. **Ameziane Y, Drescher P, Holschen M, Kiriazis A, Witt KA and Steinbeck J.** Beeinflussen subacromiale Platzhalter das radiologische und klinische Outcome im mittelfristigen Follow-up? *30. Jahreskongress der D-A-CH Vereinigung für Schulter- und Ellenbogenchirurgie (DVSE) e.V.*, Zürich, Schweiz, 15.-16.05.2025.
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 52. **Freisleder F, Imiolczyk JP, Schneller T, Scheibel M and Lazaridou A.** One size doesn’t fit all: Phänotypisierung von Patienten zur Optimierung der Implantatdesignwahl bei inverser Schultertotalendoprothese. 30. *Jahreskongress der D-A-CH Vereinigung für Schulter- und Ellenbogenchirurgie (DVSE) e.V.*, Zürich, Schweiz, 15.-16.05.2025.
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Masterarbeiten

1. **Brune D.** *The role of psychosocial factors in postsurgical pain following shoulder replacement surgery* (Master of Science in Psychology). Zurich, Switzerland: University of Zurich (UZH), 2025. Supervisors: Lazaridou A and Bierbauer W.
2. **Bühler S.** *Exploring the interplay of pain, sleep, and functional recovery following shoulder arthroplasty* (Master of Science). Zurich, Switzerland: Swiss Federal Institute of Technology (ETH), 2025. Supervisor: Lazaridou A.
3. **Bünter F.** *Motion capture data improves outcome prediction of hip impingement surgery* (Master of Science). Zurich, Switzerland: Swiss Federal Institute of Technology (ETH), 2025. Supervisors: Dätwyler K and List R.
4. **Hofstetter S.** *Sex differences in the associations between lower limb extension power, functional performance and PROMs in patients with knee osteoarthritis scheduled for knee arthroplasty* (Master of Science). Zurich, Switzerland: Swiss Federal Institute of Technology (ETH), 2025. Supervisor: Maffioletti NA.
5. **Kaister N.** *Modeling of muscle and hip joint forces in femoroacetabular impingement patients before and after surgery* (Master of Science). Zurich, Switzerland: Swiss Federal Institute of Technology (ETH), 2025. Supervisor: List R.
6. **McCarthy C.** *Integrating foot-worn force and inertial sensors to enhance exergaming for older adults* (Master of Science). Zurich, Switzerland: Swiss Federal Institute of Technology (ETH), 2025. Supervisor: List R.
7. **Ott N.** *Comparison of hip abduction and adduction strength using handheld versus fixed dynamometry with simultaneous surface EMG measurements in healthy adults. A validity and reliability study* (Master of Science in Physiotherapy). Winterthur, Switzerland: Zurich University of Applied Sciences (ZHAW), 2025. Supervisor: Bizzini M.
8. **Palermo M.** *Understanding patient's satisfaction disparities in total hip replacement in Switzerland: a case study of Schulthess Klinik* (Master of Human Medicine). Zurich, Switzerland: University of Zurich (UZH), 2025. Supervisor: Rüdiger HA and Stadelmann V.
9. **Richter H.** *Surface replacing proximal interphalangeal joint arthroplasty in patients with post-traumatic versus primary osteoarthritis* (Master of Human Medicine). Krems-Stein, Austria: Donau University, 2025. Supervisor: Marks M.
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11. **Sizaret A.** *Evaluation of the impact of exercise therapy on hip joint loading in femoroacetabular impingement syndrome using musculoskeletal modelling* (Master of Science). Lausanne, Switzerland: Swiss Federal Institute of Technology (EPFL), 2025. Supervisor: List R.