

## **Publikationen PD Dr. med. Sarah Ettinger**

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### **Originalarbeiten (Erst-/ oder Letztautor)**

1. **Ettinger S**, Sonnow L, Plaass C, et al. Arthroscopic defect size measurement in osteochondral lesions of the talus underestimates the exact defect size and size measurement with arthro-MRI (MR-A) and high-resolution flat-panel CT-arthro imaging (FPCT-A). *Knee Surg Sport Traumatol Arthrosc*; 2022. doi: 10.1007/s00167-022-07241-7.
2. **Ettinger S**, Hemmersbach LC, Schwarze M, et al. Biomechanical Evaluation of Tarsometatarsal Fusion Comparing Crossing Lag Screws and Lag Screw With Locking Plate. *Foot Ankle Int* 2021;10711007211033541. doi: 10.1177/10711007211033541.
3. Claassen L, Venjakob E, Yao D,... **Ettinger S**. The computed tomographybased anatomy of the ossa cuneiformia. *Orthop Rev (Pavia)* 2019;11(2):7876. doi: 10.4081/or.2019.7876.
4. **Ettinger S**, Altemeier A, Stukenborg-Colsman C, et al. Comparison of Isolated Screw to Plate and Screw Fixation for Tarsometatarsal Arthrodesis Including Clinical Outcome Predictors. *Foot Ankle Int* 2021;42(6):734-743. doi: 10.1177/1071100720980014.
5. **Ettinger S**, Gottschalk O, Kostretzis L, et al. One-year follow-up data from the German Cartilage Registry (KnorpelRegister DGOU) in the treatment of chondral and osteochondral defects of the talus. *Arch Orthop Trauma Surg* 2020. doi: 10.1007/s00402-020-03631-z.
6. Lerch M, Plaass C, Claassen L, **Ettinger S**. [Mini implants in foot and ankle surgery: an alternative to total joint replacement or joint fusion]. *Orthopade* 2021;50(2):96-103. doi: 10.1007/s00132-020-04052-x.
7. **Ettinger S**, Mattinger T, Stukenborg-Colsman C, Yao D, Claassen L, Daniilidis K et al. Outcomes of Evans Versus Hintermann Calcaneal Lengthening Osteotomy for Flexible Flatfoot. *Foot Ankle Int*. 2019;1071100719835464.
8. **Ettinger S**, Sibai K, Stukenborg-Colsman C, Yao D, Claassen L, Daniilidis K, et al. Comparison of Anatomic Structures at Risk With 2 Lateral Lengthening Calcaneal Osteotomies. *Foot Ankle Int*. 2018;39(12):1481-6.
9. **Ettinger S**, Schwarze M, Yao D, Ettinger M, Claassen L, Stukenborg-Colsman C, et al. Stability of supramalleolar osteotomies using different implants in a sawbone model. *Arch Orthop Trauma Surg*. 2018.
10. **Ettinger S**, Stukenborg-Colsman C, Waizy H, Becher C, Yao D, Claassen L, et al. Results of HemiCAP((R)) Implantation as a Salvage Procedure for Osteochondral Lesions of the Talus. *J Foot Ankle Surg*. 2017;56(4):788-92.

11. **Ettinger S**, Plaass C, Claassen L, Stukenborg-Colsman C, Yao D, Daniilidis K. Surgical Management of Charcot Deformity for the Foot and Ankle-Radiologic Outcome After Internal/External Fixation. *J Foot Ankle Surg.* 2016;55(3):522-8.
12. **Ettinger S**, Stukenborg-Colsman C, Plaass C, Yao D, Claassen L, Berger S, et al. Tibiocalcaneal arthrodesis as a limb salvage procedure for complex hindfoot deformities. *Arch Orthop Trauma Surg.* 2016;136(4):457-62.
13. **Ettinger S**, Razzaq R, Waizy H, Claassen L, Daniilidis K, Stukenborg-Colsman C, et al. Operative Treatment of the Insertional Achilles Tendinopathy Through a Transtendinous Approach. *Foot Ankle Int.* 2016;37(3):288-93.
14. Plaass C, Claassen L, Daniilidis K, Fumy M, Stukenborg-Colsman C, Schmiedl A, **Ettinger, S.** Placement of Plantar Plates for Lapidus Arthrodesis: Anatomical Considerations. *Foot Ankle Int.* 2016;37(4):427-32.

## Übersichtsarbeiten

1. **Ettinger S**, Claassen L, Plaass C, Stukenborg-Colsman C. Differentialdiagnose Fersenschmerz. *Fuß & Sprunggelenk* 03/2022, <https://doi.org/10.1016/j.fuspru.2022.02.005>
2. Stukenborg-Colsman C, Plaass C, Claassen L, Richter A, Altemeier A, Yao D, **Ettinger S.** Minimal-invasive Akin Osteotomie. *Fuß & Sprunggelenk* 05/2022, <https://doi.org/10.1016/j.fuspru.2022.05.002>
3. **Ettinger S**, Stukenborg-Colsman C, Yao D, Claassen L, Savov P, Plaass C. Komplikationen nach TMT-I-Arthrodesen zur Behandlung von Hallux valgus Deformitäten. *Fuß & Sprunggelenk* 06/2017, DOI:10.1016/j.fuspru.2017.05.006

Co-Autorenschaften

## Originalarbeiten

1. Ahrend MD, Aurich M, Becher C, **Ettinger S.**,.... et al. Preexisting and treated concomitant ankle instability does not compromise patient-reported outcomes of solitary osteochondral lesions of the talus treated with matrix-induced bone marrow stimulation in the first postoperative year: data from the German Cartilage Registry (KnorpelRegister DGOU). *Knee Surg Sports Traumatol Arthrosc* 2020. doi: 10.1007/s00167-020-06172-5.
2. Claassen L, **Ettinger S**, Yao D, Lerch M, Stukenborg-Colsman C, Plaass C. [Surgical procedures for the correction and stabilization of pes planovalgus]. *Orthopade* 2020;49(11):968-975. doi: 10.1007/s00132-020-03992-8.

3. Claassen L, Luedtke P, Nebel D, **Ettinger S**,... et al. Establishing a New Patient-Specific Implantation Technique for Total Ankle Replacement: An In Vitro Study. *Foot Ankle Spec* 2021;19386400211029741. doi: 10.1177/19386400211029741.
4. Lerch M, Yao D, **Ettinger S**, Claassen L, Plaass C, Stukenborg-Colsman C: The Ankle Spacer-a hemiarthroplasty for treatment of severe osteochondral defects of the talus. *Oper Orthop Traumatol* 2021.
5. Claassen L, Yao D, **Ettinger S**, et al. Relevance of SPECT-CT in Complex Cases of Foot and Ankle Surgery: A Comparison With MRI. *Foot Ankle Spec* 2020;13(6):451-462. doi: 10.1177/1938640019890987.
6. Daniilidis K, Stukenborg-Colsman C, **Ettinger S**, et al. Nylon sutures versus skin staples in foot and ankle surgery: is there a clinical difference? *Musculoskeletal Surg* 2020;104(2):163-169. doi: 10.1007/s12306-019-00605-2.
7. Gottschalk O, Baumbach SF, Altenberger S, **Ettinger S**,... et al. Influence of the Medial Malleolus Osteotomy on the Clinical Outcome of M-BMS + I/III Collagen Scaffold in Medial Talar Osteochondral Lesion (German Cartilage Register/Knorpelregister DGOU). *Cartilage* 2020;1947603520961169. doi: 10.1177/1947603520961169.
8. Korner D, Ateschrang A, Schroter S, **Ettinger S**,... et al. Concomitant ankle instability has a negative impact on the quality of life in patients with osteochondral lesions of the talus: data from the German Cartilage Registry (KnorpelRegister DGOU). *Knee Surg Sports Traumatol Arthrosc* 2020;28(10):3339-3346. doi: 10.1007/s00167-020-05954-1.
9. Kuestermann H, **Ettinger S**, Yao D, et al. Biomechanical evaluation of naviculocuneiform fixation with lag screw and locking plates. *Foot Ankle Surg* 2021. doi: 10.1016/j.fas.2020.12.008.
10. Pohler GH, Sonnow L, **Ettinger S**, Rahn A, Klimes F, Becher C, von Falck C, Wacker FK, Plaass C: High resolution flat-panel CT arthrography vs. MR arthrography of artificially created osteochondral defects in ex vivo upper ankle joints. *PLoS One* 2021, 16(8):e0255616.
11. Plaass C, Louwerens JW, Claassen L, **Ettinger S**,... et al. Treatment concepts for pes valgoplatus with concomitant changes of the ankle joint : Tibiotalocalcaneal arthrodesis, total ankle replacement and joint-preserving surgery. *Orthopade* 2020;49(11):991-999. doi: 10.1007/s00132-020-03996-4.
12. Venjakob E, Yao D, **Ettinger S**, et al. Feasibility and reliability of DEXA analysis after total ankle arthroplasty: A cadaver study. *Foot Ankle Surg* 2021;27(1):110-115. doi: 10.1016/j.fas.2020.03.001.
13. ao D, Bruns F, **Ettinger S**, et al. Manipulation under anesthesia as a therapy option for postoperative knee stiffness: a retrospective matched-pair analysis. *Arch Orthop Trauma Surg* 2020;140(6):785-791. doi: 10.1007/s00402-020-03381-y.
14. Yao D, Stukenborg-Colsman C, **Ettinger S**, et al. Subjective outcome following neurostimulator implantation as drop foot therapy due to lesions in the central nervous system-midterm results. *Musculoskeletal Surg* 2020;104(1):93-99. doi: 10.1007/s12306-019-00604-3.

15. Plaass C, Karch A, Koch A, Wiederhoeft V, **Ettinger S**, Claassen L et al. Short term results of dynamic splinting for hallux valgus – a prospective randomized study. *Foot and Ankle Surg.* 01/2019;; DOI:10.1016/j.fas.2019.01.002
16. Claassen L, Wirries N, **Ettinger S**, Pastor MF, Windhagen H, Floerkemeier T. Diagnosing periprosthetic hip joint low-grade infection via arthroscopic neo synovium biopsies. *Technol Health Care.* 2018.
17. Claassen L, Luedtke P, Yao D, **Ettinger S**, Daniilidis K, Nowakowski AM, et al. The geometrical axis of the talocrural joint-Suggestions for a new measurement of the talocrural joint axis. *Foot Ankle Surg.* 2018.
18. Claassen L, Luedtke P, Yao D, **Ettinger S**, Daniilidis K, Nowakowski AM, et al. Ankle morphometry based on computerized tomography. *Foot Ankle Surg.* 2018.
19. Plaass C, von Falck C, **Ettinger S**, Sonnow L, Calderone F, Weizbauer A, et al. Bioabsorbable magnesium versus standard titanium compression screws for fixation of distal metatarsal osteotomies - 3 year results of a randomized clinical trial. *J Orthop Sci.* 2018;23(2):321-7.
20. Yao D, Lahner M, Jakubowitz E, Thomann A, **Ettinger S**, Noll Y, et al. Hip and knee effects after implantation of a drop foot stimulator. *Technol Health Care.* 2017;25(3):599-606.
21. Yao D, Jakubowitz E, **Ettinger S**, Plaass C, Stukenborg-Colsman C, Daniilidis K. [Foot drop treatment by implantation of a neuroprosthesis (ActiGait(R))]. *Oper Orthop Traumatol.* 2017;29(3):266-78.
22. Yao D, Jakubowitz E, **Ettinger S**, Claassen L, Plaass C, Stukenborg-Colsman C, et al. [Functional electrostimulation for drop foot treatment : Clinical outcome]. *Orthopade.* 2017;46(3):227-33.
23. Daniilidis K, Jakubowitz E, Thomann A, **Ettinger S**, Stukenborg-Colsman C, Yao D. Does a foot-drop implant improve kinetic and kinematic parameters in the foot and ankle? *Arch Orthop Trauma Surg.* 2017;137(4):499-506.
24. Claassen L, Plaass C, Pastor MF, **Ettinger S**, Wellmann M, Stukenborg-Colsman C, et al. First Metatarsophalangeal Joint Arthrodesis: A Retrospective Comparison of Crossed-screws, Locking and Non-Locking Plate Fixation with Lag Screw. *Arch Bone Jt Surg.* 2017;5(4):221-5.
25. Claassen L, **Ettinger S**, Pastor MF, Budde S, Windhagen H, Floerkemeier T. The value of arthroscopic neosynovium biopsies to diagnose periprosthetic knee joint low-grade infection. *Arch Orthop Trauma Surg.* 2016;136(12):1753-9.
26. Yao D, Jakubowitz E, Tecante K, Lahner M, **Ettinger S**, Claassen L, et al. Restoring mobility after stroke: first kinematic results from a pilot study with a hybrid drop foot stimulator. *Musculoskeletal Surg.* 2016;100(3):223-9.
27. Plaass C, **Ettinger S**, Sonnow L, Koenneker S, Noll Y, Weizbauer A, et al. Early results using a biodegradable magnesium screw for modified chevron osteotomies. *J Orthop Res.* 2016;34(12):2207-14.

28. Ettinger M, **Buermann S**, Calliess T, Omar M, Krettek C, Hurschler C, et al. Tibial Inlay Press-fit Fixation Versus Interference Screw in Posterior Cruciate Ligament Reconstruction. Orthop Rev (Pavia). 2013;5(4):e35.
29. Ettinger M, Ettinger P, Ezechieli M, **Buermann S**, Budde S, Calliess T, et al. CCD and offset after Nanos short stem in total hip arthroplasty. Technol Health Care. 2013;21(2):149-55.

## **Übersichtsarbeiten**

1. Claassen L, **Ettinger S**, Yao D, Lerch M, Plaass C, Stukenborg-Colsman C. Die konservative Therapie des Hallux rigidus. Fuß & Sprunggelenk 02/2019; DOI: 10.1016/j.fuspru.2019.01.006
2. Daniilidis K, Durst H, Graeff U, Stukenborg-Colsman C, Plaass C, Lerch M, **Ettinger S** et al. Die Arthrodese des MTP-I-Gelenkes zur Behandlung des Hallux rigidus. Fuß & Sprunggelenk 02/2019; DOI: 10.1016/j.fuspru.2019.02.006
3. Waizy H, Bouillon B, Stukenborg-Colsman C, Yao D, **Ettinger S**, Claassen L, et al. [Rupture of the tendon of the tibialis anterior muscle : Etiology, clinical symptoms and treatment]. Unfallchirurg. 2017;120(12):1015-9.
4. Stukenborg-Colsman C, Claassen L, **Ettinger S**, Yao D, Lerch M, Plaass C. [Distal osteotomy for the treatment of hallux valgus (Chevron osteotomy)]. Orthopade. 2017;46(5):402-7.
5. Plaass C, Claassen L, **Ettinger S**, Daniilidis K, Stukenborg-Colsman C. [Lapidus arthrodesis]. Orthopade. 2017;46(5):424-33.
6. Plaaß C, **Ettinger S**, Yao D, Lerch M, Sibai K, Daniilidis K et al. Die isolierte Arthrodese des Talo-Navicular Gelenkes bei Fehlstellungen – Effekte, Möglichkeiten und Grenzen. Fuß & Sprunggelenk 10/2016; DOI:10.1016/j.fuspru.2016.09.001
7. Claassen L, **Ettinger S**, Modrejewski C, Daniilidis K, Stukenborg-Colsman C, Plaass C. Das SPECT-CT in der Fuß- und Sprunggelenkschirurgie. Fuß & Sprunggelenk 03/2015; 13(2),, DOI:10.1016/j.fuspru.2015.03.011

## **Buchbeitrag**

My medibook – elearning & medical science: Die Verwendung eines lokalen metallischen Oberflächenersatzes (HemiCAP®) in der Behandlung osteochondraler Läsionen am Talus; 03/2017