

# CURRICULUM VITAE



Title: Dr. med. univ.  
Name: Stefan Benedikt  
Date of birth: 10.09.1990  
Contact: stefan.benedikt@tirol-kliniken.at

## Medical Career:

since 2023	Specialist in Orthopedics and Trauma Surgery at the Dept. of Orthopedics and Trauma Surgery, University Hospital Innsbruck
since 2018	PhD Student at the Medical University of Innsbruck (Program: Musculoskeletal Science)
2017-2023	Resident at the Dept. of Orthopedics and Trauma Surgery, University Hospital Innsbruck
2017	Research assistant at the Dept. of Surgery, Medical University Graz
2016-2017	Doctor in Basic Training
2010-2016	Study of human medicine at the Medical University of Graz  Focus: Anatomy, Hand Surgery, Microsurgery, Nerve Surgery, Biostatistics, Medical English, Surgical trainings
2013, 2012	Student assistant (first aid and emergency medical training) at the Medical University Graz
2010-2012	Voluntary service as ambulance man for the Red Cross
2009-2010	Civilian service: Ambulance man for the Red Cross
2001-2009	Graduation at Bundesgymnasium Rein, Austria

## Memberships in Medical/Scientific Societies

since 2019	Austrian Society of Surgery for the Hand
since 2018	Young Hand Surgeons Forum of the Austrian Society of Surgery for the Hand

## Awards

2023	3rd place at the Leo Award of the Austrian Society of Surgery for the Hand
2022	2nd place at the Leo Award of the Austrian Society of Surgery for the Hand

## Publications

Ruzicka A, Kaiser P, Schmidle G, Benedikt S, Kastenberger T, Arora R. Die konservative Therapie der distalen Radiusfraktur. *Oper. Orthop. Traumatol.* (accepted)

Benedikt S, Horling L, Stock K, Degenhart G, Pallua J, Schmidle G, Arora R. The impact of motion induced artifacts in the evaluation of HR-pQCT scans of the scaphoid bone: an assessment of inter- and intraobserver variability and quantitative parameters. *Quant Imaging Med Surg.* 2023 Mar 1;13(3):1336-1349. doi: 10.21037/qims-22-345. Epub 2022 Nov 29. PMID: 36915364; PMCID: PMC10006159.

Kastenberger T, Kaiser P, Spicher A, Stock K, Benedikt S, Schmidle G, Arora R. Clinical and radiological outcome of Mason-Johnston types III and IV radial head fractures treated by an on-table reconstruction. *J Orthop Surg Res.* 2022 Nov 19;17(1):503. doi: 10.1186/s13018-022-03394-w. PMID: 36403016; PMCID: PMC9675101.

Gabl M, Kaiser P, Benedikt S, Schmidle G, Haselbacher M, Arora R. Risk profiles in two different alpine rock climbing styles. *Sportverletz Sportschaden.* 2022 Aug;36(3):145-154. English. doi: 10.1055/a-1833-8840. Epub 2022 Aug 16. PMID: 35973437.

Stock K, Benedikt S, Kastenberger T, Kaiser P, Arora R, Zelger P, Pallua JD, Schmidle G. Outcomes of distal ulna locking plate in management of unstable distal ulna fractures: a prospective case series. *Arch Orthop Trauma Surg.* 2022 Jul 18. doi: 10.1007/s00402-022-04549-4. Epub ahead of print. PMID: 35849186.

Benedikt S, Kaiser P, Schmidle G, Kastenberger T, Stock K, Arora R. Lessons learned with the Cobra prosthesis in elderly patients with complex distal radius fractures-a retrospective follow-up study. *Arch Orthop Trauma Surg.* 2022 Feb;142(2):343-353. doi: 10.1007/s00402-021-04101-w. Epub 2021 Aug 2. PMID: 34338885; PMCID: PMC8783885.

Kastenberger T, Kaiser P, Benedikt S, Stock K, Eigl M, Schmidle G, Arora R. Surgical treatment of the bony mallet thumb: a case series and literature review. *Arch Orthop Trauma Surg.* 2022 May;142(5):887-900. doi: 10.1007/s00402-021-04333-w. Epub 2022 Jan 15. PMID: 35032189; PMCID: PMC8994723.

Neuwirth M, Ziegler T, Benedikt S, Winter R, Kamolz LP, Schintler M, Rab M, Mueller-Eggenberger M, Mischitz M, Palle W, Hoenck K, Schoellnast H, Janek E, Borenich A, Buerger H. Donor site morbidity after the harvest of microvascular flaps from the medial and lateral femoral condyle region: Objective, radiologic, and patient-reported outcome of a multi-center trial. *J Plast Reconstr Aesthet Surg.* 2022 Jan;75(1):160-172. doi: 10.1016/j.bjps.2021.08.028. Epub 2021 Sep 17. PMID: 34635456.

Schmidle G, Benedikt S, Kastenberger T, Kaiser P, Arora R, Gabl M. Arthroscopic debridement of the dorsal capsule in intraarticular distal radius fractures: does it provide superior outcomes? *Arch Orthop Trauma Surg.* 2022 Apr;142(4):691-699. doi: 10.1007/s00402-021-04246-8. Epub 2022 Jan 21. PMID: 35059823.

Atkins PR, Stock K, Ohs N, Collins CJ, Horling L, Benedikt S, Degenhart G, Lippuner K, Blauth M, Christen P, Müller R. Formation Dominates Resorption With Increasing Mineralized Density and Time Postfracture in

Cortical but Not Trabecular Bone: A Longitudinal HRpQCT Imaging Study in the Distal Radius. *JBMR Plus*. 2021 Apr 8;5(6):e10493. doi: 10.1002/jbm4.10493. PMID: 34189382; PMCID: PMC8216136.

Kaiser P, Stock K, Benedikt S, Ellenbecker T, Kastenberger T, Schmidle G, Arora R. Acute Tennis Injuries in the Recreational Tennis Player. *Orthop J Sports Med*. 2021 Jan 5;9(1):2325967120973672. doi: 10.1177/2325967120973672. PMID: 33457434; PMCID: PMC7789623.

Kaiser P, Stock K, Benedikt S, Kastenberger T, Schmidle G, Arora R. Retrospective comparison of conservative treatment and surgery for widely displaced olecranon fractures in low-demanding geriatric patients. *Arch Orthop Trauma Surg*. 2022 Oct;142(10):2659-2667. doi: 10.1007/s00402-021-04031-7. Epub 2021 Jul 5. PMID: 34226982; PMCID: PMC9474477.

Kastenberger T, Kaiser P, Schmidle G, Stock K, Benedikt S, Arora R. Clinical results of the BoneWelding®Fiji® anchor for the treatment of Stener lesions of the thumb. *Arch Orthop Trauma Surg*. 2021 Sep;141(9):1499-1507. doi: 10.1007/s00402-020-03625-x. Epub 2020 Oct 10. PMID: 33040206; PMCID: PMC8354924.

Kaiser P., Benedikt S., Arora R., 2020. Die primäre Radiusfrakturprothese bei nicht rekonstruierbaren osteoporotischen distalen Radiusfrakturen. *JATROS*.

Schmidle G, Kastenberger TJ, Kaiser P, Stock K, Benedikt S, Arora R. 3D-Bildgebung in der Analyse von Frakturen und Pseudarthrosen des Kahnbeins [3D Imaging for the analysis of scaphoid fractures and non-unions]. *Handchir Mikrochir Plast Chir*. 2020 Sep;52(5):392-398. German. doi: 10.1055/a-1250-7913. Epub 2020 Sep 29. PMID: 32992396.

Tapking C, Popp D, Hundeshagen G, Houschyar KS, Haug V, Boson AL, Benedikt S, Branski LK. Evaluation of the Online-Presence of ABA-Verified Burn Centers. *J Burn Care Res*. 2020 Sep 23;41(5):1063-1068. doi: 10.1093/jbcr/irz204. PMID: 32639010.

Benedikt S\*, Tuca AC, Palackic A, Wurzer P, Popp D, Tapking C, Kamolz LP. Re-evaluation of websites from burn centers in Austria, Germany and Switzerland. *Burns*. 2019 Feb;45(1):220-227. doi: 10.1016/j.burns.2018.08.013. Epub 2018 Sep 17. PMID: 30236817.

Krappinger D, Lindtner RA, Benedikt S\*. Preoperative planning and safe intraoperative placement of iliosacral screws under fluoroscopic control. *Oper Orthop Traumatol*. 2019 Dec;31(6):465-473. doi: 10.1007/s00064-019-0612-x. Epub 2019 Jun 3. PMID: 31161245; PMCID: PMC6879436.

Grohmann M, Benedikt S\*, Forbes A, Justich I. Ablation of facial adenoma sebaceum using the versajet™ hydrosurgery system. *Eur. J. Plast. Surg*. 2018. Aug 19;41: 93–96. <https://doi.org/10.1007/s00238-017-1347-2>

Grohmann M, Benedikt S\*, Vasilyeva A, Bürger H, Forbes A, Schintler MV. An Innovative Application of the Free Vascularized Medial Femoral Condyle Flap in the Prevention of Recurring Neuropathic Ulcer in the Diabetic Foot: A Case Report. *J Foot Ankle Surg*. 2018 Sep-Oct;57(5):1020-1023. doi: 10.1053/j.jfas.2018.01.006. Epub 2018 May 24. PMID: 29804922.

Benedikt S\*, Parvizi D, Feigl G, Koch H. Anatomy of the medial antebrachial cutaneous nerve and its significance in ulnar nerve surgery: An anatomical study. *J Plast Reconstr Aesthet Surg*. 2017 Nov;70(11):1582-1588. doi: 10.1016/j.bjps.2017.06.025. Epub 2017 Jun 28. PMID: 28756975.

Benedikt, S., Daryousch, P., Koch, H. Die Anatomie des Nervus cutaneus antebrachii medialis und ihre Bedeutung für die Chirurgie des Nervus ulnaris. 2016. Medical University Graz. (Theses)

*\*corresponding author*

## Reviews

Journal Operative Orthopaedics and Traumatology 2019 (Issue 31)

Journal Archives of Orthopaedic and Trauma Surgery 2021

## Posters/Presentations

Oral presentation: Benedikt S\*, Kaiser P, Schmidle G, Kastenberger T, Stock K, Arora R. Lessons learned with the Cobra prosthesis in elderly patients with complex distal radius fractures. 14<sup>th</sup> International Wrist Symposium Innsbruck; MAR 27-28, 2023, Innsbruck, AUT.

Oral presentation: Benedikt S\*, Schmidle G, Gabl M. Arthroskopische Befunde bei CIND – Eine Fallserie. Annual Meeting 2023 of the Austrian Society of Surgery for the Hand; MAR 3-4, 2023; Ischl, AUT.

Poster: Benedikt S\*, Horling L, Stock K, Degenhart G, Pallua J, Schmidle G, Arora R. The Impact of Motion Induced Artifacts in the Evaluation of HR-pQCT Scans of the Scapoid Bone. IFSSH, IFSHT & FESSH COMBINED CONGRESS; Jun 6-10, 2022; London, UK.

Oral presentation: Benedikt S\*, Kaiser P, Schmidle G, Kastenberger T, Stock K, Arora R. Lessons learned with the Cobra prosthesis in elderly patients with complex distal radius fractures. IFSSH, IFSHT & FESSH COMBINED CONGRESS; Jun 6-10, 2022; London, UK.

Oral presentation: Benedikt S\*, Kaiser P, Gabl M, Stock K, Schmidle G, Arora R. Erfahrungen mit der Cobra-Prothese bei älteren PatientInnen mit komplexen distalen Radiusfrakturen- eine Fallserie. Annual Meeting 2021 of the Austrian Society of Surgery for the Hand; JUN 26-26, 2021; Murau, AUT.

E-Poster: Benedikt S\*, Kaiser P, Gabl M, Stock K, Schmidle G, Arora R. Experience with the Hemiarthroplasty in Elderly Patients with Complex Distal Radius Fractures – A Case Series. FESSH 2020; SEP 1-5, 2020, virtual Congress.

Oral presentation: Schmidle G, Arora R, Benedikt S\*, Gabl M\*. Arthroscopy in Distal Radius Fractures – First Results of a Prospective Study. 13<sup>th</sup> International Wrist Symposium Innsbruck; APR 8-9, 2019, Innsbruck, AUT.

Oral presentation: Benedikt S\*, Grohmann M, Vasilyeva A, Bürger KH, Schintler MV. Eine vielversprechende neue Anwendung des freien medialen Femurcondylappens in der Prävention rezidivierender neuropathischer Druckulcera bei diabetischen Füßen – Ein Fallbericht. ÖGO-Congress; NOV 29-OKT 1, 2017; Wien, AUT.

Poster: Benedikt S\*, Tuca AC, Palačkić A, Wurzer P, Kamolz LP. Re-Evaluation of the Online Presence of Burn Centers in Austria, Germany and Switzerland. 17th European Burns Association Congress; SEP 6-9, 2017; Barcelona, ESP.

Poster: Benedikt S\*, Tuca AC, Palačkić A, Wurzer P, Kamolz LP. Re-Evaluierung der Internetpräsenz von Verbrennungszentren in Österreich, Deutschland und der Schweiz. Annual Meeting of the ÖGPÄRC, DGPÄRC, VDÄPC; SEP 14-16, 2017; Graz, AUT.

Oral presentation: Benedikt S\*, Parvizi D, Feigl G, Koch H. Die Anatomie des Nervus cutaneus antebrachii medialis und ihre Bedeutung für die Chirurgie des Nervus ulnaris. Annual Meeting 2017 of the Austrian Society of Surgery for the Hand; MAR 3-4, 2017; Bad Radkersburg, AUT.

Oral presentation: Benedikt S\*, Parvizi D, Feigl G, Koch H. The Significance of the Medial Antebrachial Cutaneous Nerve concerning Ulnar Nerve Surgery – an Anatomical Study. 4th International Student Congress; MAI 26-28, 2016; Graz, AUT.

Oral presentation: Benedikt S\*, Parvizi D, Feigl G, Koch H. Die Anatomie des Nervus cutaneus antebrachii medialis und ihre Bedeutung für die Chirurgie des Nervus ulnaris. 53. Annual Meeting of the ÖGPÄRC; SEP 17-19, 2015; Salzburg, AUT.

\*presenter

## Teaching

Theses: Rieser L, Benedikt S, Arora R. Einfluss von epidemiologischen Faktoren auf das Ausmaß von Bewegungsartefakten in der HR-pQCT. 2023. Medical University of Innsbruck.

Semester credit hours since 2022: 5.21