

Curriculum Vitae | Research

Assoc. Prof. Dr. Christian-Alexander Behrendt, MD

████████████████████ | Consultant Vascular and Endovascular Surgeon, Clinical Lecturer
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Current Appointment

Chief of Vascular and Endovascular Surgery, Senior Clinical Lecturer, Asklepios Medical School, Department of Vascular and Endovascular Surgery, Asklepios Clinic Wandsbek, Hamburg, Germany

Medical and Scientific Director of the German Institute for Vascular Research (DIGG gGmbH) of the German Society for Vascular Surgery and Vascular Medicine (DGG e.V.)

Academic Career

October 2020: Habilitation Thesis & Venia legendi (University of Hamburg)

August 2015: Medical Doctoral Thesis (University of Hamburg)

Honours and Awards

Chairman of the VASCUNET Committee of the ESVS (2020-2023)

Spokesman of the Research Council of the Hamburg City Health Study (HCHS)

Member Editorial Board of the European Journal of Vascular Medicine (EJVES)

Associate Editor of the VASA – European Journal of Vascular Medicine

Associate Editor of the BMJ Surgery, Interventions & Health Technologies

Section Editor of the GEFAESSCHIRURGIE (Springer)

Topical Editor of the Journal of Clinical Medicine

Julius Springer Award (2016), German Society for Angiology Young Investigators Award

Finalist (2016), International Scholar of the Society for Vascular Surgery (2019)

Memberships

Fellow Member of the European Society for Vascular Surgery (ESVS)

Elected International Member of the Society for Vascular Surgery (SVS)

Commission of the German Society for Vascular Surgery and Vascular Medicine (DGG)

Executive Director (Germany) of the Medical Device Epidemiology Network (MDEpiNet)

Leading Board of the International Consortium of Vascular Registries (ICVR)

Research Council of the Vascular Low Frequency Disease Consortium (VLFDC)

Member of the Society of Northern German Surgeons (NDCH)

Member of the German Centre for Cardiovascular Research (DZHK)

Project Lead as Principal Investigator

2020-2024: Sub-Investigator (proportionally: 292 000 EUR) INCREASE Study (funded by the Innovation Fund of the German Federal Joint Committee)

2019-2023: Principal Investigator (1 358 000 EUR) RABATT Study (funded by the Innovation Fund of the German Federal Joint Committee)

2017-2022: Principal Investigator (3 567 000 EUR) IDOMENEO Study (funded by the Innovation Fund of the German Federal Joint Committee)

2015-2021: Co-Principal Investigator (751 000 EUR) CORONA Study (funded by the CORONA Foundation and the German Stifterverband)

LACMAG Registry (2016-2017: 10 000 EUR), PSI Registry (2015-2017: 13 000 EUR)

Top-10 of the most important publications

Behrendt CA, Kreutzburg T, Nordanstig J, Twine CP, Marschall U, Kakkos S, Aboyans V, Peters F. **The OAC3-PAD Risk Score Predicts Major Bleeding Events one Year after Hospitalisation for Peripheral Artery Disease.** Eur J Vasc Endovasc Surg. 2022 Mar;63(3):503-510. doi: 10.1016/j.ejvs.2021.12.019.

Behrendt CA, Sigvant B, Kuchenbecker J, Grima MJ, Schermerhorn M, Thomson IA, Altreuther M, Setacci C, Svetlikov A, Laxdal EH, Goncalves FB, Secemsky EA, Debus ES, Cassar K, Beiles B, Beck AW, Mani K, Bertges D. **Editor's Choice - International Variations and Sex Disparities in the Treatment of Peripheral Arterial Occlusive Disease: A Report from VASCUNET and the International Consortium of Vascular Registries.** Eur J Vasc Endovasc Surg. 2020 Dec;60(6):873-880. doi: 10.1016/j.ejvs.2020.08.027.

Behrendt CA, Sedrakyan A, Peters F, Kreutzburg T, Schermerhorn M, Bertges DJ, Larena-Avellaneda A, L'Hoest H, Kölbel T, Debus ES. **Editor's Choice - Long Term Survival after Femoropopliteal Artery Revascularisation with Paclitaxel Coated Devices: A Propensity Score Matched Cohort Analysis.** Eur J Vasc Endovasc Surg. 2020 Apr;59(4):587-596. doi: 10.1016/j.ejvs.2019.12.034.

Behrendt CA, Sigvant B, Szeberin Z, Beiles B, Eldrup N, Thomson IA, Venermo M, Altreuther M, Menyhei G, Nordanstig J, Clarke M, Rieß HC, Björck M, Debus ES. **International Variations in Amputation Practice: A VASCUNET Report.** Eur J Vasc Endovasc Surg. 2018 Sep;56(3):391-399. doi: 10.1016/j.ejvs.2018.04.017.

Rodionov RN, Peters F, Marschall U, L'Hoest H, Jarzebska N, Behrendt CA. **Initiation of SGLT2 Inhibitors and the Risk of Lower Extremity Minor and Major Amputation in Patients with Type 2 Diabetes and Peripheral Arterial Disease: A Health Claims Data Analysis.** Eur J Vasc Endovasc Surg. 2021 Dec;62(6):981-990. doi: 10.1016/j.ejvs.2021.09.031.

Kreutzburg T, Peters F, Kuchenbecker J, Marschall U, Lee R, Kriston L, Debus ES, Behrendt CA. **Editor's Choice - The GermanVasc Score: A Pragmatic Risk Score Predicts Five Year Amputation Free Survival in Patients with Peripheral Arterial Occlusive Disease.** Eur J Vasc Endovasc Surg. 2021 Feb;61(2):248-256. doi: 10.1016/j.ejvs.2020.11.013.

Seiffert M, Brunner FJ, Rimmel M, Thomalla G, Marschall U, L'Hoest H, Acar L, Debus ES, Blankenberg S, Gerloff C, Behrendt CA. **Temporal trends in the presentation of cardiovascular and cerebrovascular emergencies during the COVID-19 pandemic in Germany: an analysis of health insurance claims.** Clin Res Cardiol. 2020 Dec;109(12):1540-1548. doi: 10.1007/s00392-020-01723-9.

Peters F, Kreutzburg T, Rieß HC, Heidemann F, Marschall U, L'Hoest H, Debus ES, Sedrakyan A, Behrendt CA. **Editor's Choice - Optimal Pharmacological Treatment of Symptomatic Peripheral Arterial Occlusive Disease and Evidence of Female Patient Disadvantage: An Analysis of Health Insurance Claims Data.** Eur J Vasc Endovasc Surg. 2020 Sep;60(3):421-429. doi: 10.1016/j.ejvs.2020.05.001.

Kreutzburg T, Peters F, Rieß HC, Hischke S, Marschall U, Kriston L, L'Hoest H, Sedrakyan A, Debus ES, Behrendt CA. **Editor's Choice - Comorbidity Patterns Among Patients with Peripheral Arterial Occlusive Disease in Germany: A Trend Analysis of Health Insurance Claims Data.** Eur J Vasc Endovasc Surg. 2020 Jan;59(1):59-66. doi: 10.1016/j.ejvs.2019.08.006.

Rieß HC, Debus ES, Schwaneberg T, Sedrakyan A, Kölbel T, Tsilimparis N, Larena-Avellaneda A, Behrendt CA. **Gender disparities in fenestrated and branched endovascular aortic repair.** Eur J Cardiothorac Surg. 2019 Feb 1;55(2):338-344. doi: 10.1093/ejcts/ezy249.