UKD Universitätsklinikum Düsseldorf

hhu Heinrich Heine Universität Düsseldorf

Curriculum Vitae

Dr. med. Hans Lucas Busch

born in Bremen, Germany

present position: Attending, vascular medicine

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EDUCATION AND TRAINING

2004 - 2011	Medical School, RWTH Aachen, Aachen, Germany
2007 - 2008	Université Claude Bernard Medical School, Lyon, France, ERASMUS scholarship
2011	Medical Schools, Universities Aachen, San Diego (US), Tel Aviv (Israel)
2012 - 2018	Residency, Division of Cardiology, Pulmonology and Vascular Medicine, University Hospital Düsseldorf, Germany
2017	Board Certification Emergency Medicine
2018	Board certification Vascular Medicine, attending for Vascular Medicine
2020	Lead practitioner in vascular medicine
2021	Specialist in Interventional Vascular Medicine (DGA/DGK)
	Specialist in Hypertension (DHL)

MAJOR PUBLICATIONS

Busch L, Heinen Y, Stern M, Wolff G, Ozaslan G, Tzetou K, Sansone R, Heiss C and Kelm M. **Angioplasty of Flow-Limiting Stenosis Reduces Aortic and Brachial Blood Pressure in Patients With Peripheral Artery Disease**. *J Am Heart Assoc*. 2021:e019724.

Busch L, Stern M, M'Pembele R, Dannenberg L, Mourikis P, Grone M, Ozaslan G, Heinen Y, Heiss C, Sansone R, Huhn R, Kelm M and Polzin A. **Impact of high on-treatment platelet reactivity after angioplasty in patients with critical limb ischemia.** *Vascul Pharmacol*. 2021:106925.

Busch L, Stern M, Dannenberg L, Mourikis P, Grone M, Ozaslan G, Heinen Y, Heiss C, Sansone R, Polzin A and Kelm M. **Impact of high on-treatment platelet reactivity after angioplasty in patients with peripheral arterial disease.** *Platelets***.** 2020:1-7.

Busch L; Stern, M; Wolff, G; Gördes, L; Kelm, M
Endovascular snare retrieval of an Angio-Seal causing acute limb ischemia
Clinical Case Reports 2021, DOI: 10.1002/ccr3.5170

Stegemann E, Busch L, Stegemann B, Lauer T, Hoffmann R, Heiss C and Kelm M. **Evaluation of a structured training program for arterial femoral sheath removal after percutaneous arterial catheter procedures by assistant personnel.** *The American journal of cardiology*. 2015;115:879-83.

Complete list of publications

Activity:
Reviewer for Vasa - European Journal of Vascular Medicine
DGA: Mitglied Arbeitsgemeinschaft leitender Krankenhaus – Angiologen
DGA: RECCORD Investigator
DGK: Mitglied der Arbeitsgruppe Angiologie (AG 2)

MAJOR RESEARCH INTERESTS

- peripheral interventions
- large artery stiffness
- pulmonary embolism