

Curriculum Vitae

Dr. med. Manuel Stern

born in Düsseldorf, Germany


present position: Attending
Specialised in coronary and peripheral interventions

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EDUCATION AND TRAINING

2006 - 2013	Medical School, Heinrich-Heine University, Düsseldorf, Germany
2012	Medical Schools, Universities Düsseldorf, Zurich (Switzerland), New York (USA), Shanghai (China), Johannesburg (South Africa)
2013 - 2019	Residency, Division of Cardiology, Pulmonology and Vascular Medicine, University Hospital Düsseldorf, Germany
2017	Board Certification Emergency Medicine
2020	Board certification, Specialist in Internal Medicine and Vascular Medicine
2021	Specialist in Hypertension (DHL)
2022	Specialist in Interventional Vascular Medicine (DGA/DGK)
2022	Specialist in Lipidology (DGFF)
2022	Board certification, Specialist in Internal Medicine and Cardiology
since 2022	Co-PI PEERLESS Study

MAJOR PUBLICATIONS

Stern M, Gorressen S, van de Sandt AM, Cortese-Krott MM, Ohlig J, Rassaf T, Gödecke A, Fischer JW, Heusch G, Merx MW, Kelm M. Circulating NOS3 modulates left ventricular remodeling following reperfused myocardial infarction. *PLoS One*. 2015

Stern M, Broja M, Sansone R, Gröne M, Skene SS, Liebmann J, Suschek CV, Born M, Kelm M, Heiss C. Blue light exposure decreases systolic blood pressure, arterial stiffness, and improves endothelial function in humans. *Eur J Prev Cardiol*. 2018

Stern M, Busch L, 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

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

Stern M, Busch L, 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

Stern M, Schremmer J, Scharm S, Baasen S, Heinen Y, Sansone R, Polzin A, Jung C, Heiss C, Kelm M, Busch L. Microvascular tissue perfusion after postcatheterization pseudoaneurysm treatment. *Clin Hemorheol Microcirc*. 2022

Schremmer J, Busch L, Baasen S, Heinen Y, Sansone R, Heiss C, Kelm M, **Stern M**. Chronic PCSK9 inhibitor therapy leads to sustained improvements in endothelial function, arterial stiffness, and microvascular function. *Microvascular Research* 2023

[Complete list of publications](#)

Activity:

Co-PI PEERLESS Study

DGA: RECCORD Investigator

DGK: Member working group vascular medicine (AG 2)

DEGUM: Member working group vascular ultrasound

MAJOR RESEARCH INTERESTS

- peripheral interventions
- vascular assessment
- pulmonary embolism
- arterial hypertension
- lipidology