

# Sven Rudolf Hauck

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## Clinical experience

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Since January 2022	<b>General Hospital of Vienna, Vienna, Austria</b> Residency Department of Biomedical Imaging and Image-guided Therapy Division of General and Pediatric Radiology
2021 June - 2021 December	<b>General Hospital of Vienna, Vienna, Austria</b> Senior Scientist in the group of Prof. Funovics Department of Biomedical Imaging and Image-guided Therapy, Division of Cardiovascular and Interventional Radiology
2020 August - 2021 May	<b>Clinic Favoriten, Vienna, Austria</b> Basic physicians training (Basisausbildung) Departments of Urology, Neurology and Infectiology
2020 February - 2020 April	<b>University Hospital Hamburg-Eppendorf, Hamburg, Germany</b> Final clinical year Neurosurgery
2019 December - 2020 February	<b>Kantonsspital Obwalden, Sarnen, Schweiz</b> Final clinical year General Surgery
2019 September- 2019 December	<b>Kaiser-Franz-Josef Spital, Wien, Vienna, Austria</b> Final clinical year, (Erasmus) Neurology
2019 May - 2019 September	<b>General Hospital of Vienna, Vienna, Austria</b> Final clinical year Cardiology & Nephrology
2018 February - 2018 March	<b>Duke University Hospital, Durham, North Carolina, USA</b> Elective Neurosurgery & Interventional Neuroradiolgy
2017 July - 2017 August	<b>Beaumont Hospital Dublin, Royal College of Surgeons, Ireland</b> Elective Nephrology
2016 November - 2017 July	<b>Israelitic Hospital, Hamburg, Germany</b> Nurse's assistant

2016 August - 2016  
September

University Hospital Münster, Münster, Germany  
Elective  
General Surgery

## Publications

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### First Author

Hauck SR et al. Preliminary results of the austrian national registry with the novel iCover bridging stentgraft in fenestrated endovascular aortic repair. *Asian J Surg*. 2024 Apr 15:S1015-9584(24)00638-9. doi: 10.1016/j.asjsur.2024.04.006. Epub ahead of print. PMID: 38627118.

Hauck SR et al. Applicability of endovascular branched and fenestrated aortic arch repair devices to treat residual type A dissection after ascending replacement. *J Vasc Surg*. 2022 Aug 23:S0741-5214(22)02207-8. doi: 10.1016/j.jvs.2022.08.018. Epub ahead of print. PMID: 36028159.

Hauck SR et al. Endovascular aortic repair of endoleaks : Diagnosis, treatment, and outcomes. *Radiologie (Heidelb)*. 2022 Jul;62(7):592-600. German. doi: 10.1007/s00117-022-01033-3. Epub 2022 Jun 23. PMID: 35736998; PMCID: PMC9242926.

Hauck SR et al. Branched versus fenestrated thoracic endovascular aortic repair in the aortic arch: A multicenter comparison. *J Thorac Cardiovasc Surg*. 2022 Apr 6:S0022-5223(22)00374-9. doi: 10.1016/j.jtcvs.2022.03.023. Epub ahead of print. PMID: 35534283.

Hauck SR et al. Use of a Steerable Sheath for Completely Femoral Access in Branched Endovascular Aortic Repair Compared to Upper Extremity Access. *Cardiovasc Intervent Radiol*. 2022 Jun;45(6):744-751. doi: 10.1007/s00270-022-03064-8. Epub 2022 Apr 7. PMID: 35391546; PMCID: PMC9117381.

Hauck SR et al. Structural failure in bridging stentgrafts for branched endovascular aneurysm repair: a case-control study. *Insights Imaging*. 2022 Mar 28;13(1):62. doi: 10.1186/s13244-022-01196-6. PMID: 35347467; PMCID: PMC8960492.

Hauck SR et al. Endovascular Stent-Graft Repair of the Ascending Aorta: Assessment of a Specific Novel Stent-Graft Design in Phantom, Cadaveric, and Clinical Application. *Cardiovasc Intervent Radiol*. 2021 Sep;44(9):1448-1455. doi:10.1007/s00270-021-02859-5. Epub 2021 Jun 27. PMID: 34180002 ; PMCID: PMC8382630.

## Coauthor

Haider L et al. Cerebrovascular Involvement in Transthyretin Amyloid Cardiomyopathy. *Journal of Clinical Medicine*. 2024; 13(15):4474. <https://doi.org/10.3390/jcm13154474>

Dachs TM et al. Fenestrated and branched endovascular aortic prostheses : An update. *Radiologie (Heidelb)*. 2022 Jul;62(7):586-591. German. doi: 10.1007/s00117-022-01019-1. Epub 2022 Jun 20. PMID: 35726073; PMCID: PMC9242898.

Kern M et al. Endovascular repair in type A aortic dissection: Anatomical candidacy for currently manufactured stent grafts and conceptual valve-carrying devices for an Endo-Bentall procedure. *Eur J Cardiothorac Surg*. 2023 May 2;63(5):ezad085. doi: 10.1093/ejcts/ezad085. PMID: 36916747; PMCID: PMC10206284.

Kupferthaler A et al. Endovascular Repair of Penetrating Thoracic Aortic Ulcers Using Tubular Stent Grafts Versus Stent Grafts With a Proximal Scallop. *J Endovasc Ther*. 2023 Jan 20:15266028221149919. doi: 10.1177/15266028221149919. Epub ahead of print. PMID: 36680393.

## Education

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2022 April	<b>University Hospital Hamburg-Eppendorf, Hamburg, Germany</b> Thesis (Dr. med.) - "cum laude" Department of Radiotherapy and Radiation Oncology, Prof. C. Petersen „Bedeutung der Strahlentherapie in der Behandlung von Vestibularisschwannomen"
2013 October - 2020 June	<b>University of Hamburg, Hamburg, Germany</b> Medical school
2017 September - 2018 February	<b>Universidad de Sevilla, Spanien</b> Exchange semester, (Erasmus)
2010 - 2013	<b>Wilhelm-Hittorf-Gymnasium, Münster, Germany</b> Best male graduate, (Numerus Clausus 1,1)
2005 - 2010	<b>Gymnasium Paulinum, Münster, Germany</b>

## Abilities & Interests

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### Languages

Native: German.

Fluent: English & Spanish

Basic: French

Latinum certificate

### Interests

Skiing, Handball & Rowing

History & Piano