

Gerrit Alexander Schubert is an Associate Professor of Neurosurgery at RWTH Aachen University, Aachen. He completed his medical school training at the University of Heidelberg, Germany, including scholarships at the University of Leicester (Great Britain) and the University of Massachusetts (USA), and electives at the National Hospital for Neurology and Neurosurgery at Queens Square London (Great Britain) and the University of Basel (Switzerland). Following his residency at the Department of Neurosurgery, Medical University Mannheim/University of Heidelberg under the tutelage of Professor Schmiedek, he completed a vascular/endovascular fellowship training program at the Swedish Neuroscience Institute in Seattle, USA. He then worked with his long term mentor Claudius Thomé at the Neurosurgical Department at the Medical University Innsbruck, Austria.

Since 2012 he is heading the section for Neurovascular Surgery and Neurointensive Care at RWTH Aachen University. His currently appointed spokesperson for the cerebrovascular section of the DGNC, the German Society of Neurosurgery.

His main research interests are the diagnosis and treatment of acute cerebrovascular diseases, with a particular focus on the acute phase of subarachnoid haemorrhage. He uses invasive neuromonitoring to assess the integrity of cerebral metabolism, autoregulation and neurovascular coupling and to guide rescue strategies for refractory DCI. Together with his research team, he recently established a new, non-invasive technique to assess neurovascular coupling during SAH using a funduscope for automated retinal vessel analysis.