

Raimund Helbok is Assoc. Professor Neurology and specialist in Neurocritical Care at the Neurological Intensive Care Unit, Medical University of Innsbruck, in Innsbruck, Austria.

He did his medical training at the Medical University of Innsbruck and obtained a Master Degree in Clinical Tropical Medicine at Mahidol University in Bangkok, Thailand. After his training in General Medicine and Neurology he conducted his research fellowship at the Division of Neurocritical Care, Department of Neurology, Columbia University Medical Center, New York, USA.

Dr. Helbok's clinical practice covers the spectrum of neurocritical care, including the management of ischemic and hemorrhagic stroke, subarachnoid hemorrhage, traumatic brain injury, status epilepticus, neuromuscular diseases, autoimmune encephalitis and neuroinfectious diseases.

His major research interest is monitoring of the central nervous system in critical care patients with primary head injury as tool to prevent secondary brain injury, in specific in patients with subarachnoid hemorrhage, ischemic and hemorrhagic stroke, traumatic brain injury, and neuroinfectious diseases. He has conducted many academic studies in the field of advanced neuromonitoring techniques including cerebral microdialysis, brain oxygen monitoring and electroencephalography with specific interest in "cortical spreading depolarisations". Another field of interest is infectious diseases involving the central nervous system based on clinical care of patients with i.e. meningitis, encephalitis, brain abscess and his academic degree in clinical tropical medicine. He is collaborator of different international trials and is involved in guidelines and consensus conferences. He is active member of several national and international societies, i.e. European Society of Intensive Care Medicine (ESICM, neurocritical care section), European Academy of Neurology (EAN, scientific committee neurocritical care and neuroinfectious diseases), Austrian Society of Neurology.