
◆ Vitor Mendes Pereira

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Dr Mendes Pereira is specialized in minimally invasive surgical procedures of the intracranial and spinal circulation and spinal erectness interventions. Procedures include treatment of cerebral aneurysms, brain and craniofacial arteriovenous malformations, cerebral ischemia, acute stroke and other conditions leading to stroke in adults and pediatric patients.

He studied medicine in Sao Luis and Sao Paulo, Brazil. After, he trained Neurosurgery at the State University of Sao Paulo, Brazil and Interventional Neuroradiology in Sao Paulo, Brazil (Unesp with Prof. Jose Guilherme Caldas), and in Paris, France at the CHU Bicetre (with Prof. Pierre Lasjaunias) and at Rothschild Foundation (with Prof. Jacques Moret). He is Privat-Dozent at the University of Geneva, Switzerland where he worked as the head of Interventional Neuroradiology division in from 2008 until he was appointed as Associate Professor at the University of Toronto in 2014. In Geneva, he worked on the development of the endovascular treatment of acute stroke as well as leading clinical research as global PI for the STAR trial and global interventional PI of the ongoing SWIFT-PRIME study. He also helped the development stroke programs in different countries worldwide.

He has helped the implementation of new therapeutic technologies like new intracranial stents (Flow diverting devices, low profile stents and intra-saccular devices), bifurcation constructions and new embolic liquids. His research interests also include the evaluation of the cerebral hemodynamics with Computational Flow Dynamics and intracranial flow assessment using Digital Subtracted Angiography (DSA), 4D phase contrast MRI and Transcranial doppler. He has been active in many international meetings and he is one of the co-organizers of the LINNC meeting held in Paris every year as a live case center. He has written more than 100 peer reviewed articles and book chapters on various aspects of neuroendovascular therapy, including acute stroke management, aneurysm treatment, arteriovenous malformations, pediatric vascular interventions, dural shunts and carotid stenting.

