

Dr. Charbel is the Professor and Head of the Department of Neurosurgery at the University of Illinois at Chicago. He is internationally recognized for his research and clinical expertise in the area of stroke, cerebrovascular disorders, cerebral blood flow metabolism, and complex cerebral tumors. He is active in developing medical devices and his work has resulted in multiple innovations. He is the winner of prestigious awards such as the “Wall Street Journal Technology Innovation Awards: Medical Devices, Runner-up, 2006” ; “Inventor of the Year, The University of Illinois at Chicago, 2002” ; Top Surgeon, America’s Top Surgeons, Consumers’ Research Council of America; Best Doctor, Best Doctors in America; Top Doctor, Castle Conolly Medical Limited. He is the Developer and co-inventor of The “Charbel Micro-flowprobe®”Transonic systems Inc. and of the NOVA® system, Vassol, Inc. He currently holds eight patents, has produced over 200 scientific presentations and over 150 publications. He is an internationally sought after speaker and has been invited worldwide to lecture, teach and demonstrate complex surgical procedures. His Clinical Interests include the diagnosis and management of stroke and ischemic cerebrovascular disease; Cerebral revascularization: bypass, carotid and vertebral artery surgery; Surgical reconstruction of complex intracranial aneurysms; Resection of AVMs and treatment of complex brain tumors.