Hemodynamics and vascular diseases: Application to intracranial aneurysms

Pr. M.D. Loïc Boussel
Head of Radiology Department, Hospital de la Croix-Rousse – Creatis, Lyon, France

Hemodynamics play an important role in vascular disease. We will review the principal parameters related to progression and complications of these pathologies and compare different approaches, based on CFD and/or direct flow measurements with MRI, in the framework of intracranial aneurysms.