



정 종 원

삼성서울병원 신경과

Modulation of collateral circulation in acute ischemic stroke

Jong-Won Chung, MD, PhD

Department of Neurology, Samsung Medical Center, Seoul, Korea

Collateral-enhancing strategies are important for restoring blood flow within ischemic regions, particularly in patients who are ineligible for revascularization therapy or those with failed recanalization. Proposed collateral-enhancing strategies include a lying-flat position, external counterpulsation, partial aortic obstruction, sphenopalatine ganglion stimulation, emergent bypass surgery, and treatment with nitric oxide, erythropoietin/trophic factors, and albumin. For over three decades, researchers have investigated the ability of drug-induced hypertension to increase cerebral perfusion in patients with acute ischemic stroke. In this session, overview of previously proposed collateral enhancement strategies and final results of SETIN-induced hypertension trial will be discussed.

Jong-Won Chung, MD, PhD

Department of Neurology, Samsung Medical Center, Sungkyunkwan
University School of Medicine, 81, Irwon-ro, Gangnam-gu, Seoul
06351, Republic of Korea

Tel: +82-2-3410-3599 Fax: +82-2-3410-0052

E-mail: neurocjw@gmail.com