

【CKD education Course 1-3】

Current status and prospects of stroke treatment

Shih-Hsuan Chen

Attending Physician, Division of Cerebrovascular Disorders, Chang Gung Memorial Hospital,
Kaohsiung, Taiwan.

Endovascular therapy (EVT) is a new and now standard treatment for acute ischemic stroke (AIS) for large vessel occlusion (LVO) since 2015. As the comprehensive stroke center, Kaohsiung Chang Gung Memorial Hospital was regional referral core in Southern Taiwan with experienced in transferring system. AIS is a time sensitive disease with limited therapeutic window, combined with first artificial intelligence (AI) application in computed tomography perfusion diagnosis, extended therapeutic time window for AIS treatment is well established. Combined with adjunctive therapy might increased recanalization rate in LVO and even median size vessel occlusion. Furthermore, new anticoagulant from coagulation pathway Factor XIa inhibitor is now under phase 3 trial which may change secondary stroke prevention in the coming future.

