

Repeated mechanical thrombectomy in relapsing acute ischemic stroke with occlusion of large intracranial artery

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Endovascular thrombectomy of large vessel ischemic stroke is known as both efficient and safe treatment for acute stroke patients. The treatment significantly reduces post-stroke patients disability. Up to this date there haven't been defined the exact incidence of recurrent large vessel occlusion in early post-procedural period. It is also questionable the efficacy and safety of repeated thrombectomy in daily clinical practice. Authors present an overview of 10 patients treated with repeated thrombectomy from 368 stroke patients treated in our „high volume“ comprehensive stroke center (over 200 EVT last year for stroke), between the period of years 2015-2018 and overview of literature on this controversial topic. Authors also evaluate rates of recanalization, efficacy of repeated endovascular treatment (EVT) by using modified Rankin scale after 3 months to establish final functional outcome. Authors also compared these results with patients treated only once with EVT at same comprehensive stroke unit. In this poster we show short review of available literature on this controversial topic and assumed incidence of recurrent large vessel occlusion. Key words: stroke, endovascular treatment of stroke