Wisdom In Management Of Giant Aneurysm


*Faculty of Medicine, Universitas Pelita Harapan; Siloam Hospitals, Indonesia*

Giant intracranial aneurysm is defined as an aneurysm with greater than 2.5 cm in diameter. The management of giant aneurysm is a very challenging task, considered as the most difficult cerebrovascular lesions to treat and causing the most morbidity and mortality. The size, shape, projection, calcified neck, perforators, signs of thrombosis, previous attempt of coiling of the aneurysm need to be assessed before any attempt of treatment. Best clinical decision is needed to choose between clipping, trapping, the need of bypass either low-flow or high-flow; Endovascular intervention by coils, stent-assisted coiling, or flow diverter; or no operation at all. The management of giant aneurysms will be discussed as an institutional experience with 77 cases treated with surgical clipping, trapping, flow-diverter, stent assist coiling, and observation.

Keyword: Giant aneurysm, management