ABSTRACT

Giant Aneurysm of the Extracranial Carotid Artery: Case Report

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We report a case of giant extracranial carotid aneurysm treated by carotid aneurysmectomy. A 70-year-old female was referred with a palpable swelling on left lateral region of the neck, associated with dizziness and dysarthria. Spiral-CT scan showed a 5-cm aneurysm of the internal carotid artery (ICA), kinking of ICA and increased flow in the right vertebral artery. Angiography showed a fusiform ICA aneurysm, with lengthening and tortuosity of intracranial vessels. An aneurysmectomy was performed with end-to-end repair of ICA. The patient was discharged on the 12 postoperative day. Twelve months after the operation, the patient showed a complete recovery from the neurological deficit and patency of ICA. We recommend surgical treatment in order to avoid rupture, thromboembolism and cerebrovascular insufficiency.

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