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Abstract

We report a rare case of a traumatic aneurysm which developed after clipping surgery with review of the relevant literature. Endovascular treatment using coiling and stent assistance taking into account tec-Cccountin ptocur(6w0(d -323(i)-24(n (6w0((01

(Figure 2B). However, follow-up angiography 4 months therea er

Case Report

A 57year old woman su ering from subarachnoid hemorrhage from a large internal carotid artery (ICA) aneurysm with a broad neck de ned by computed tomography (CT) followed by three dimensional CT angiography in the local hospital, who was emergency transferred SA) preceded by a 5F catheter (Brite tip guiding catheter, Cordis, J & J, to our institute. Neurological status on admission was grade I on SA) preceded by a 5F catheter (Cathex, Japan) with a coaxial syster the H&H scale. is patient had had a past history of subarachnoid hemorrhage 14 years previously, undergoing surgery for a basilatempt was made to advance a microcatheter (Prowler Select Plus artery ruptured aneurysm) in other hospital. During the clipping surgery,(MCA) beyond the aneurysm but this failed and a so microcatheter the right internal carotid artery was injured, but fortunately it was (Excelsior SL 10, Striker, Boston) was therefore introduced into repaired by further clipping. She and her family were Jehovahs Witness, rejecting the blood transfusion during the operation on grounds of religion.

At our institute, endovascular surgery was selected for the large traumatic aneurysm. Two clips were made, one completely dislocated from the internal carotid artery and the other for BA-SCA aneurysm, which disturbed the therapeutic window (Figure 1A) but endovascular surgery could be successfully performed (Figure 1B) and the immediate clinical course was uneventful. Follow-up angiography one month a er the treatment showed opening of the aneurysm by coil compaction (Figure 2A) so additional coil embolization was performed

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