Clipping of a ruptured anterior communicating artery aneurysm with right A1–A2 sectioning and reanastomosis

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We showcase the microsurgical clipping of a previously coiled and ruptured anterior communicating artery aneurysm, done through a right-sided approach. Initial clipping with a fenestrated clip occluded the flow in the right A2. After temporary clipping of both A1 and A2 vessels, we cut the right A1 and A2, clipped the aneurysm with a straight clip while preserving the flow in the left A1 and A2 and then performed reanastomosis of the right A1–A2 in an end to end fashion. This strategy allowed for complete obliteration of the aneurysm while preserving the flow in all four vessels.

The video can be found here: <http://youtu.be/4Y024zU5NV0>.

KEYWORDS aneurysm clipping; anastomosis; anterior communicating artery; video

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