Clipping of ipsilateral posterior communicating and superior cerebellar artery aneurysms

Babu G. Welch, M.D.

Departments of Neurosurgery and Radiology, The University of Texas Southwestern Medical Center, Dallas, Texas

The case is a 55-year-old female who presented with dizziness as the chief complaint. She has a family history of two relatives with subarachnoid hemorrhage. Digital subtraction angiography revealed the presence of a left-sided posterior communicating artery aneurysm and an ipsilateral superior cerebellar artery (SCA) aneurysm. Due to the smaller nature of the SCA, a decision was made to proceed with surgical clipping of both lesions through a pterional approach. A narrated video with illustrations depicts the intraoperative management of these lesions with postoperative angiography results.

The video can be found here: http://youtu.be/HCHToSsXv-4.

KEY WORDS aneurysm; posterior communicating artery; superior cerebellar artery; microsurgery