Balloon-assisted coil embolization of small intracranial aneurysms

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It is generally considered difficult and risky to treat a small aneurysm (less than 4 mm) by use of coil embolization. The main issues are related to the following factors: frequently broad-based aneurysm with shallow dome, complex in shape, difficult to maintain microcatheter stability in an aneurysm, difficult to achieve complete coil packing, and higher risk of intra-procedure rupture hemorrhage. However, routine use of balloon-assisted coiling technique will enable us to achieve successful aneurysm embolization with safety. This video demonstrates some key nuances in the balloon-assisted coil embolization of small aneurysms via three case examples.

The video can be found here: http://youtu.be/E1il3oPnUD8.


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