Nuances of carotid artery stenting under flow arrest with dual-balloon guide catheter

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Cerebral protection device utilization during carotid artery stenting (CAS) has been demonstrated to decrease the risk of perioperative stroke. The ProximAI Protection with the MO.MA Device During CaRotid Stenting (ARMOUR) Trial had the lowest event rates of any independently adjudicated study. In this video of two cases of severe carotid artery stenosis, the authors present the nuances of the CAS procedure utilizing a dual-balloon guide catheter device (MO.MA). This device has the benefit of being in place before the lesion is crossed with any device, being able to arrest flow while the atherosclerotic lesion is crossed, and aiding in protection from distal emboli and stroke.

The video can be found here: https://youtu.be/0o8DIC1n6_M.

KEYWORDS carotid artery stenting; carotid angioplasty; carotid artery stenosis; flow arrest; stroke; video

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