PulseRider treatment of an anterior communicating artery aneurysm

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We present a case of a patient with an anterior communicating artery aneurysm treated by PulseRider-assisted coil embolization. PulseRider is a new device, FDA approved for treatment of broad-necked aneurysms of the basilar apex or internal carotid artery terminus. The aneurysm was broad-necked and involved the anterior communicating artery and was considered for traditional stent-assisted coiling as well as PulseRider-assisted coiling. The authors present the treatment plan and strategy and then fluoroscopic recording of the PulseRider delivery and subsequent coiling phase. Nuances of technique for this new device used in a challenging setting are discussed.

The video can be found here: <https://youtu.be/ont7ggqgLH8>.

KEYWORDS aneurysm; coil embolization; anterior communicating artery; stent; PulseRider; video

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