Endovascular treatment of a complex bilobed left superior hypophyseal internal carotid artery aneurysm: a case illustration

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We report the case of a 62-year-old female who presented for stent-assistant coiling of an incidental 11-mm complex bilobed left superior hypophyseal internal carotid artery aneurysm. A microcatheter was navigated into the aneurysm and trapped by a 37-mm stent. Using three-dimensional and two-dimensional coils, the elongated aneurysm was coiled. The bigger lobe was coiled first followed by the smaller lobe. Minimal residual filling of the smaller lobe will be re-evaluated at 6-month follow up. The patient tolerated the procedure well and no complications were encountered.

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

Key Words • aneurysm • endovascular • coiling • stent • video