

Case Presentation: Giant Midbasilar Aneurysm

Ricardo A Hanel, MD PhD

Director, Stroke and Cerebrovascular Center

Endowed Chair, Stroke and CV Surgery

Cerebrovascular Fellowship Director

Lyerly Neurosurgery, Baptist Neurological Institute

Jacksonville, FL

rhanel@lyerlyneuro.com



Jacksonville, FL



Acknowledgements

- Eric Sauvageau, MD
- Nima Aghaebrahim, MD
- J Entwistle, DO - CV Fellow
- Pedro Aguilar Salinas, MD - Research Fellow
- Lyerly Baptist NeuroCCS Team and Stroke Neurology Team

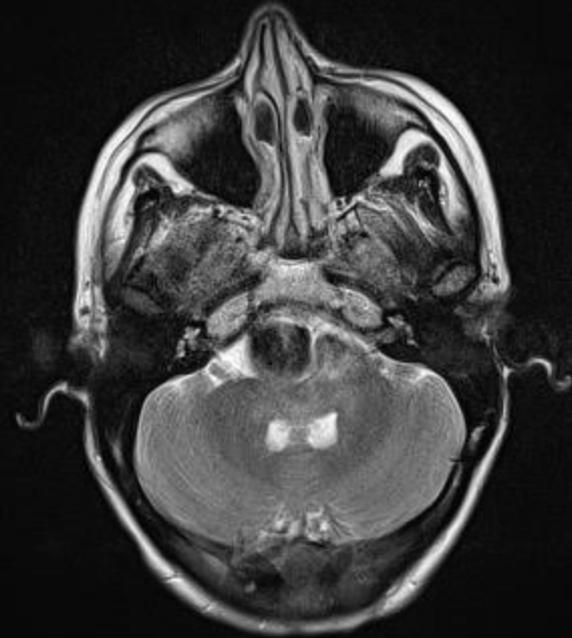
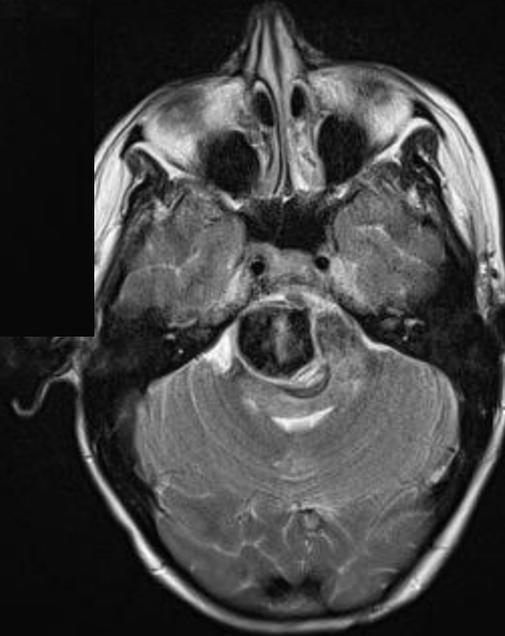
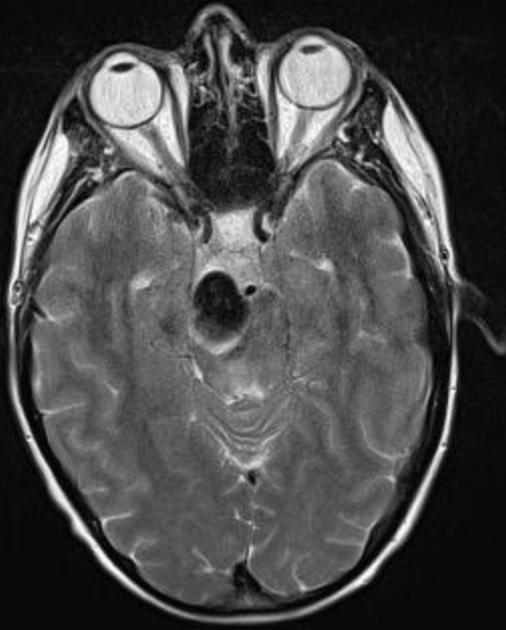


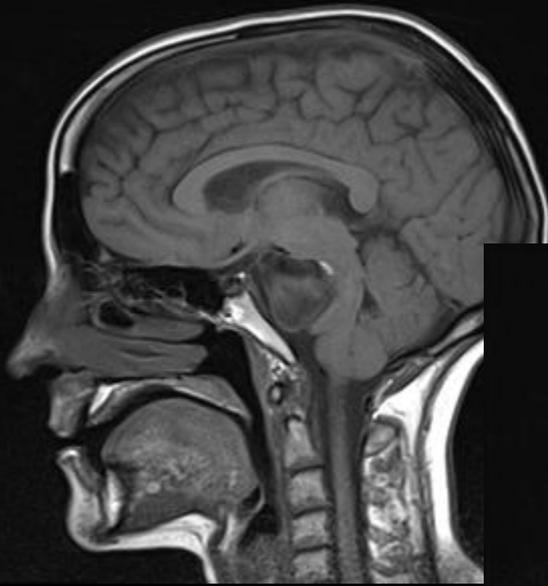
Disclosures

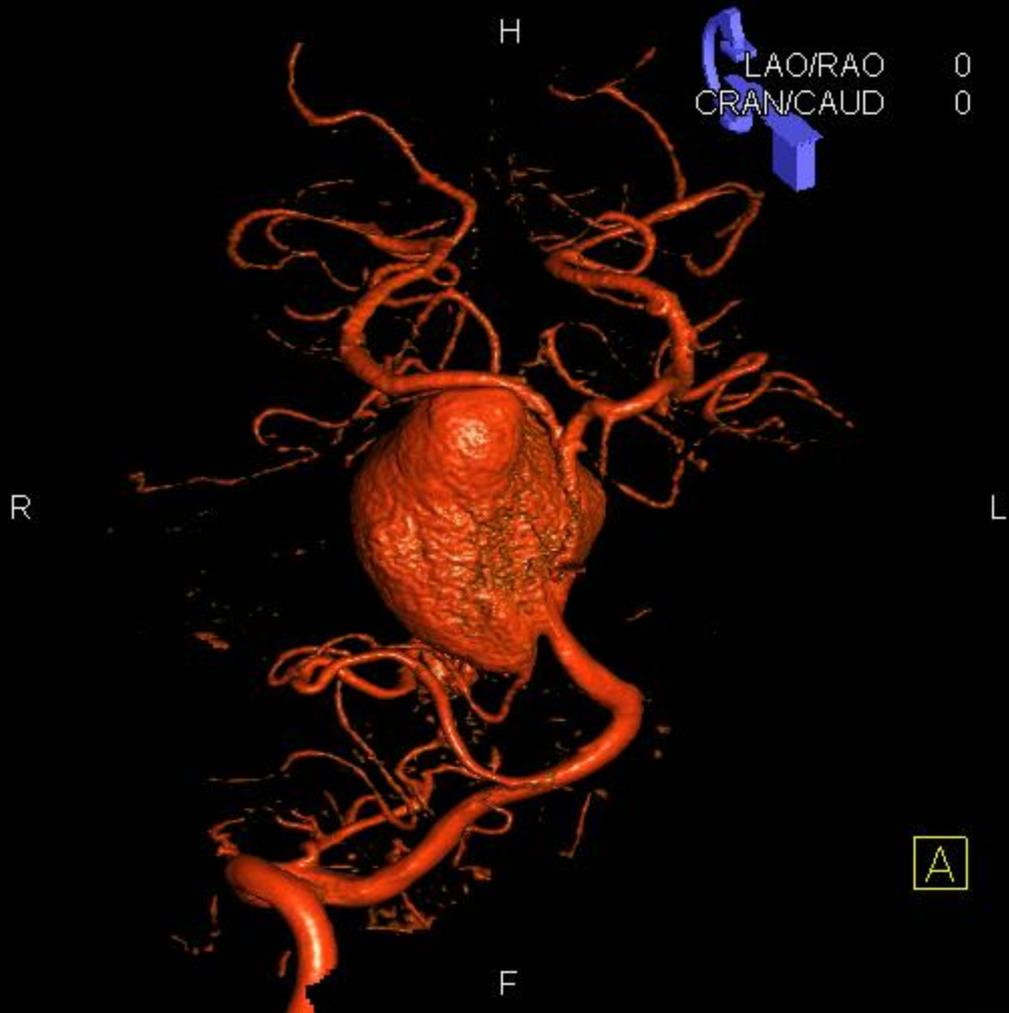
- Consultant:
 - Medtronic
 - Pipeline Proctor
 - PI Premier Pipeline
 - Stryker
 - PI SCENT Trial
 - Codman
- Educational Grant
 - Microvention
- Investor: InNeuroCo
- I do clip and coil, bypass and FD

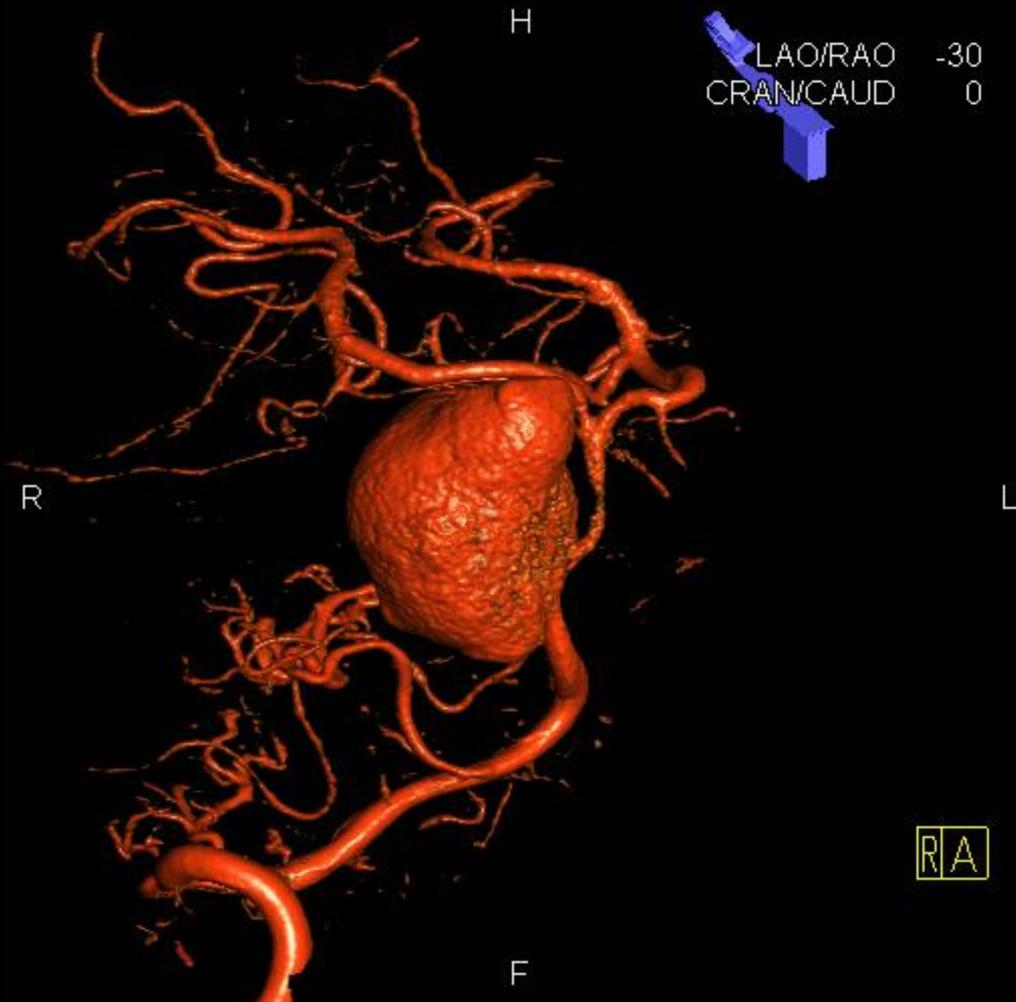


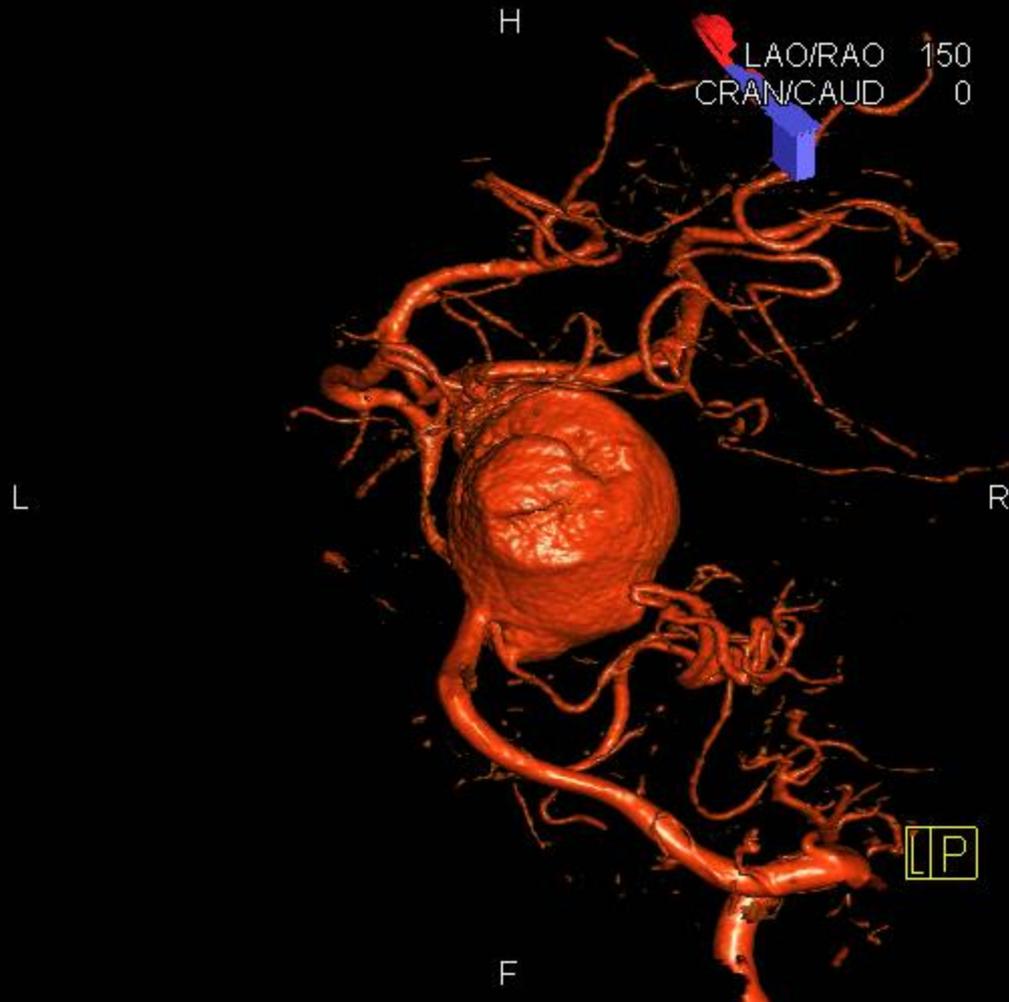
- 39 yo, female, Started in December with Brainstem compression symptoms: Rt 3rd ; left Hemiparesis; swallowing difficulty.
- 4 weeks post partum
 - Mother of 5 kids!









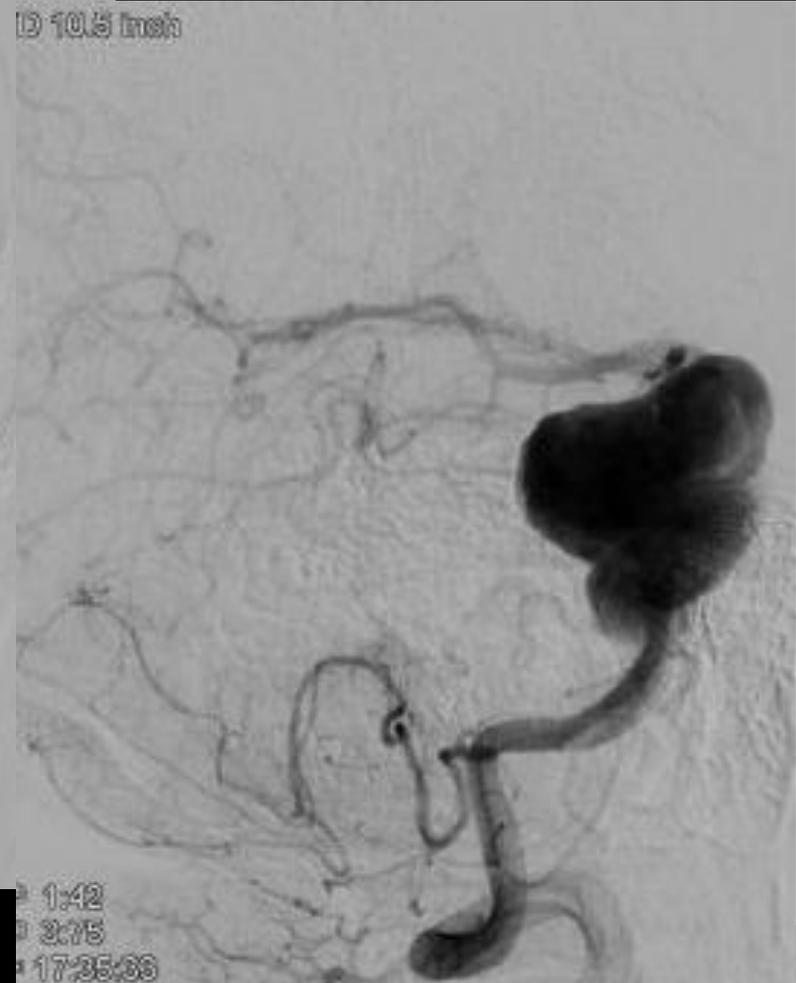


7
1:25
10 mesh



2
10
17:51

10 10.6 mesh



1:42
3:75
17:35:06



Diagnostic tests

- Alcock Test
 - Good Pcomm



Options

- Deconstructive approach?
- Stent assisted coiling
- Flow diverter
 - To coil or not to coil

- Any prophylactic invasive measures?



- VP Shunt placement
- PEG Tube placement



Treatment

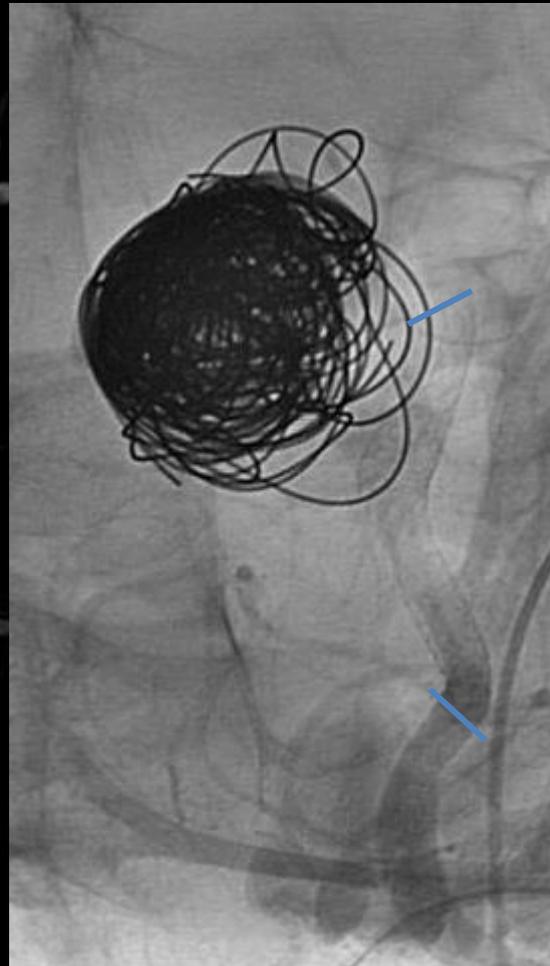
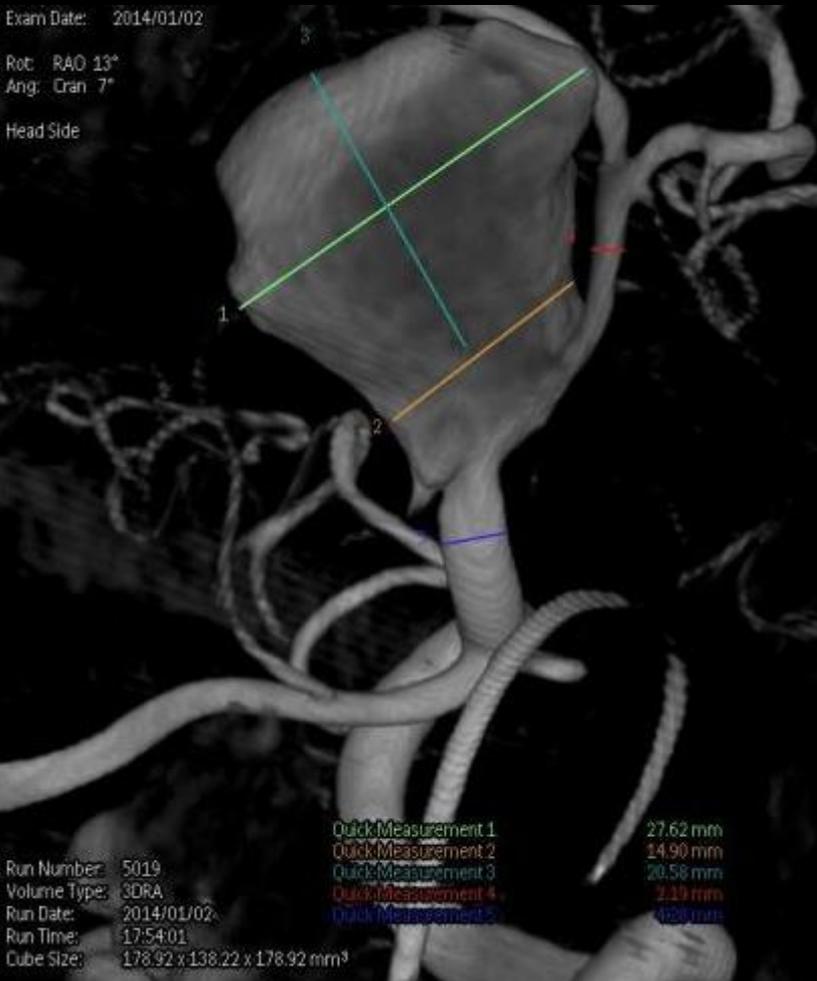
Neuron 070

Two microwires to get to the PCA and park the Marksman

Scepter balloon assisted coiling to protect AICA in case of herniation

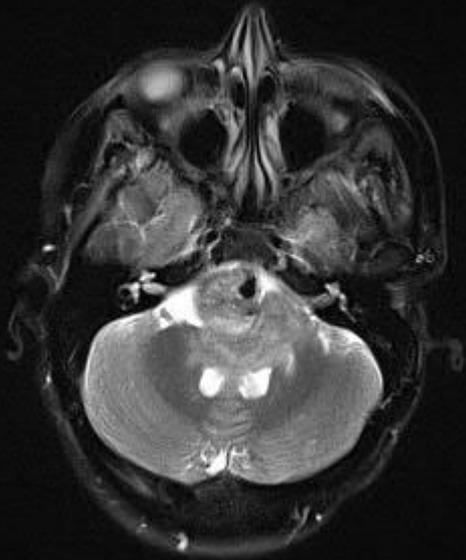
8 coils; most of them Deltamaxx (24 mm x 60 cm to 14 mm x 45 cm)

PED 5 x 25

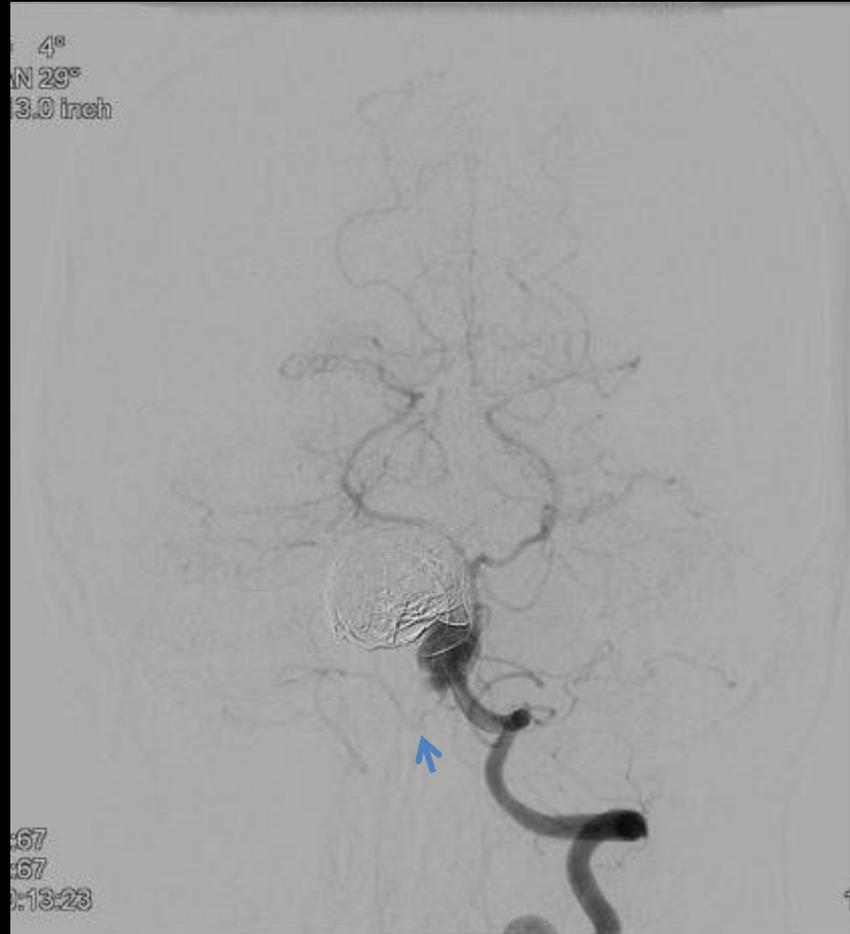


First day POP

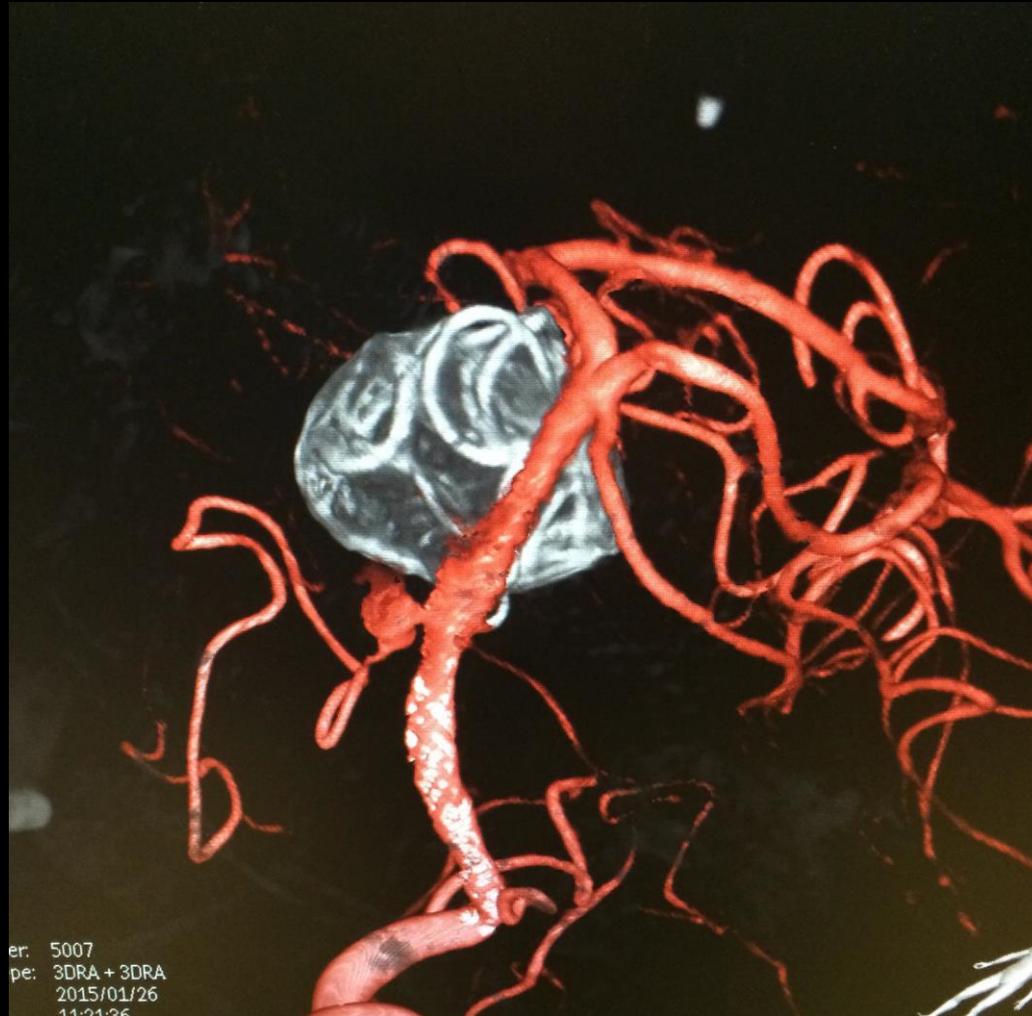
- After getting out of bed: complete right IIIrd, left hemibody 1/5, increased slurred speech.



One week angiogram



18 months FU: Deficits Resolved







Options
Retreat
Vs
Watch

