

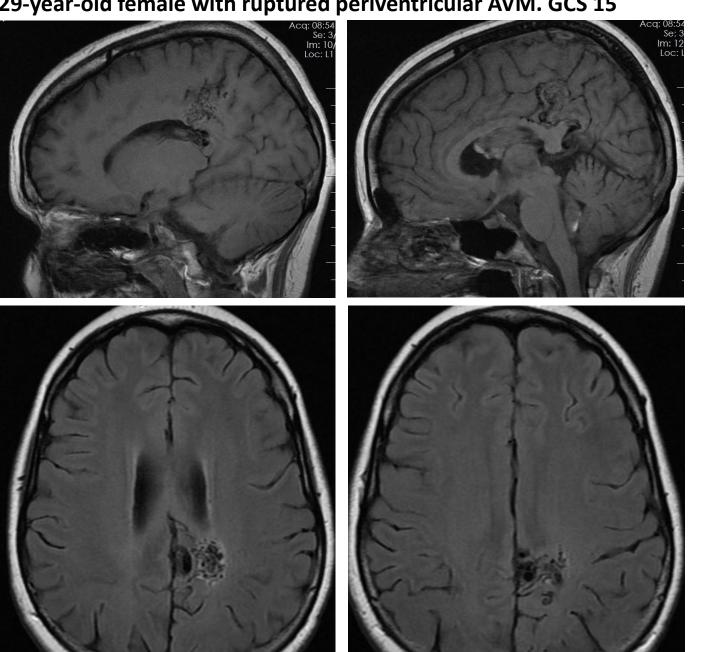


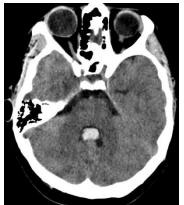
Transvenous approach as rescue during arterial curative treatment of a ruptured brain AVM

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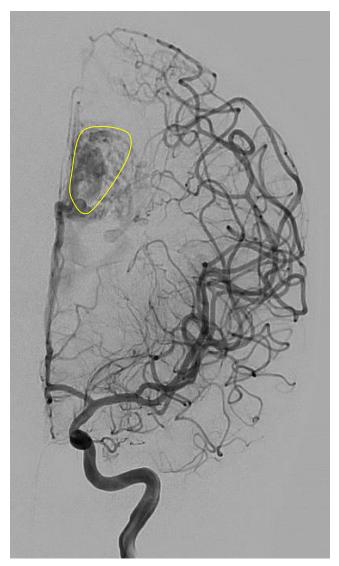
29-year-old female with ruptured periventricular AVM. GCS 15

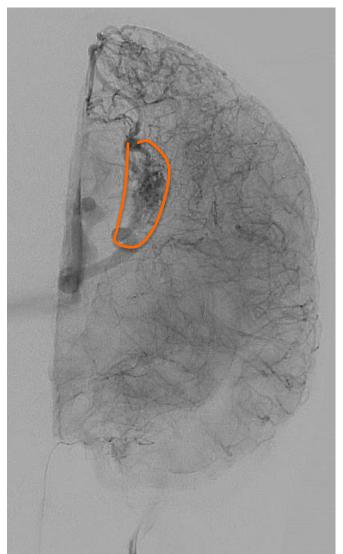


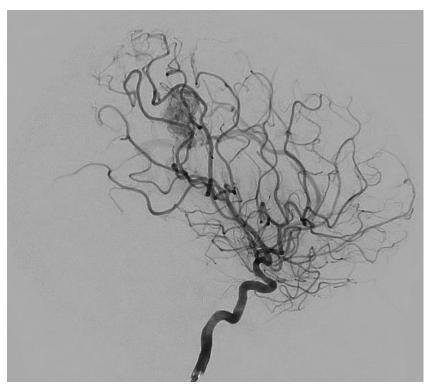


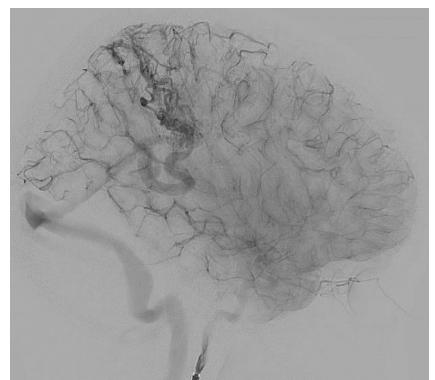


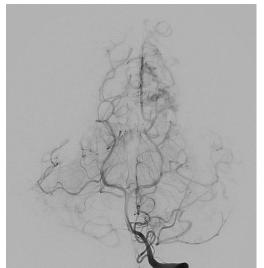




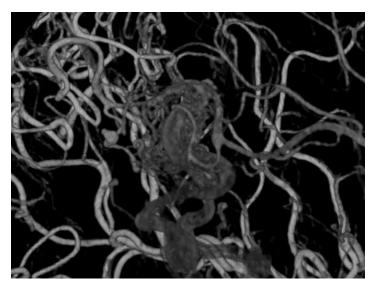


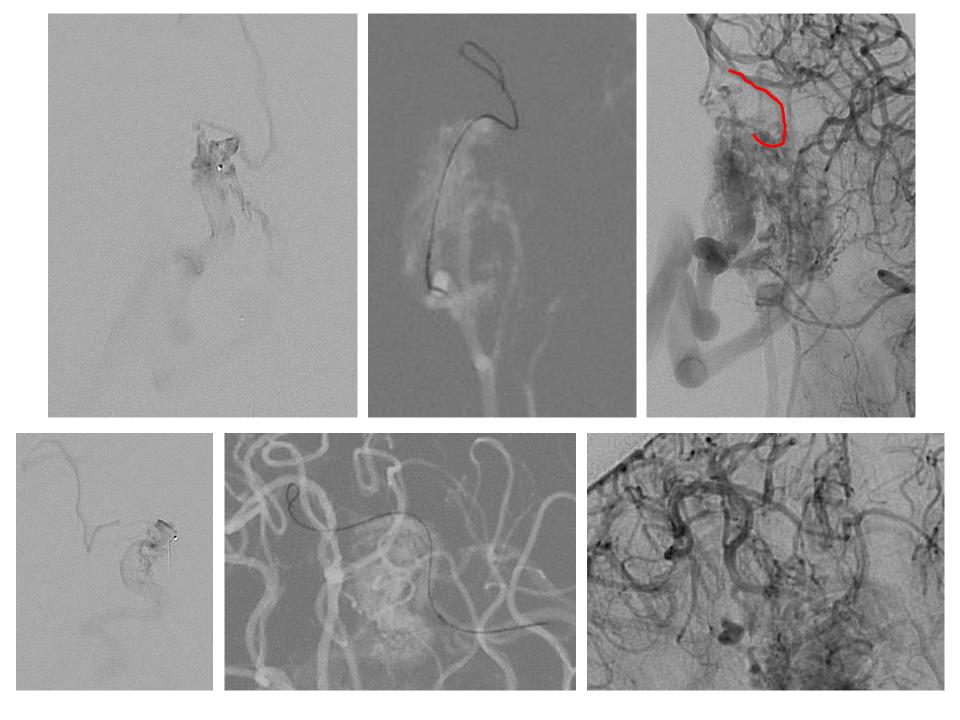




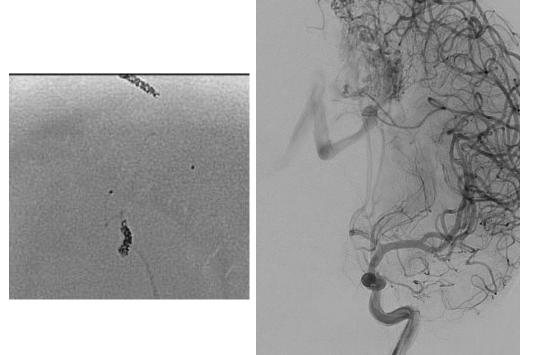


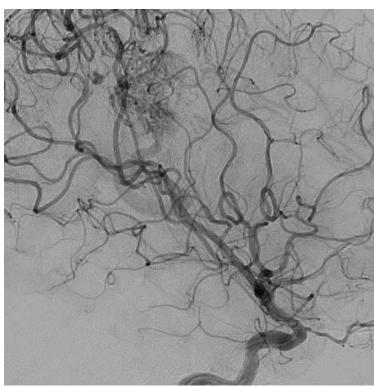


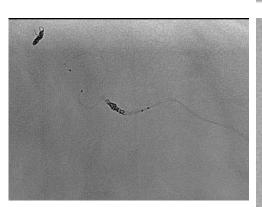


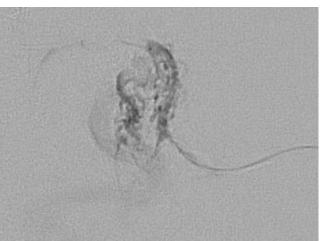


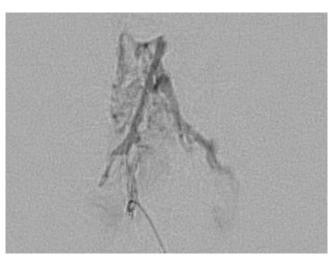
Post coiling and glue of the micro catheters

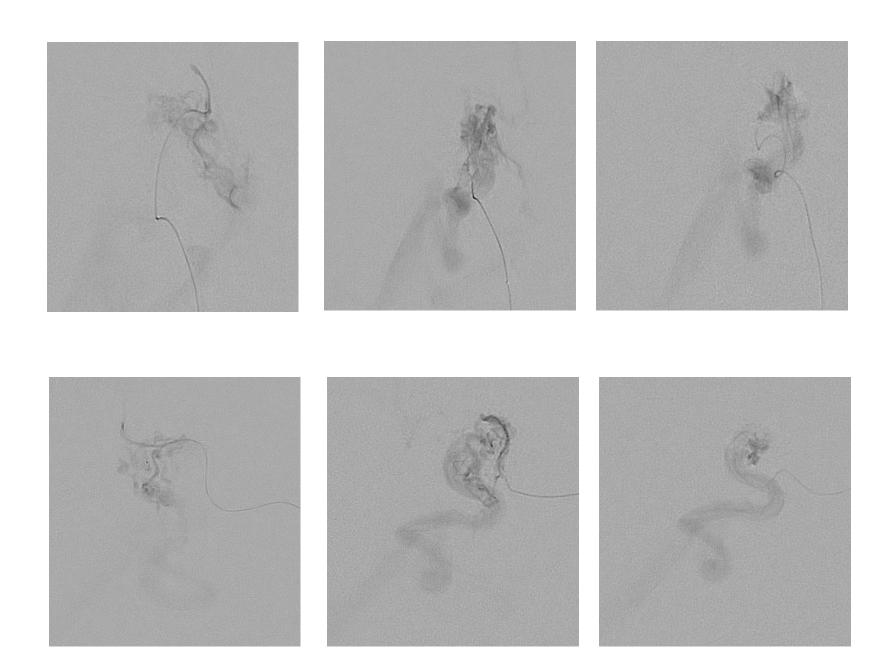




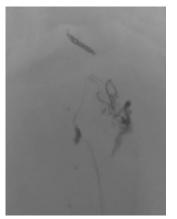








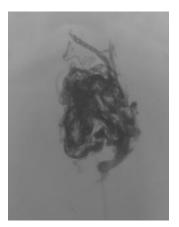
Onyx progression







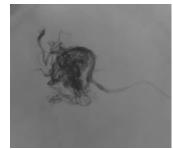


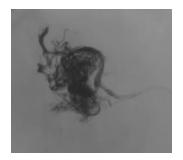




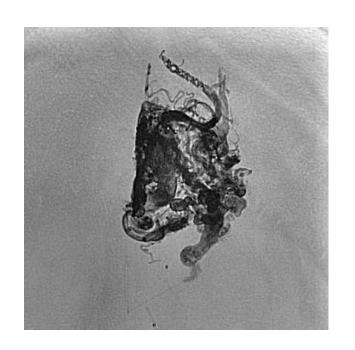


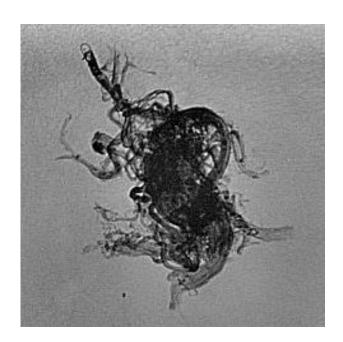


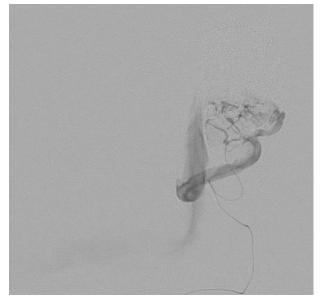




Cast of Onyx after ACA embolization and microcatheter injection from PChA

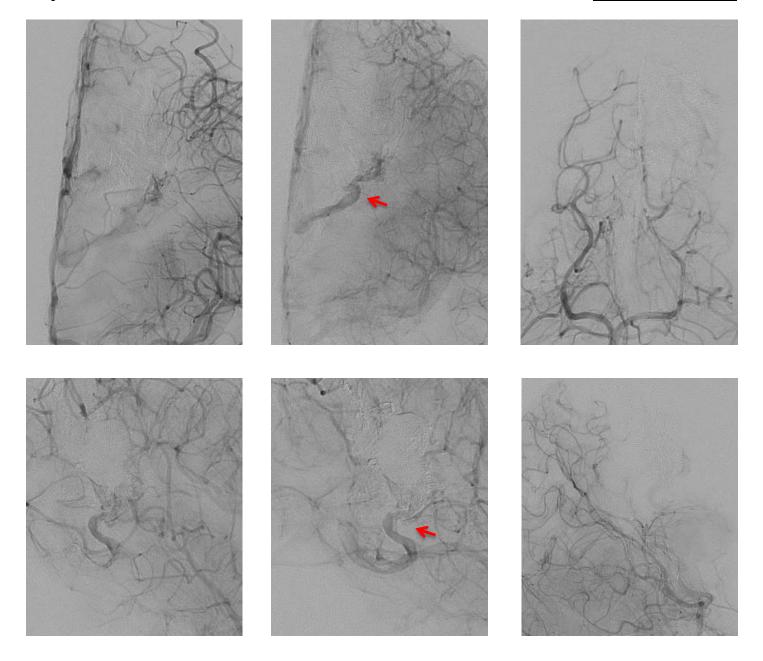




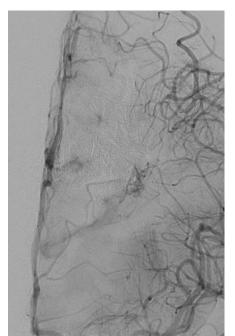


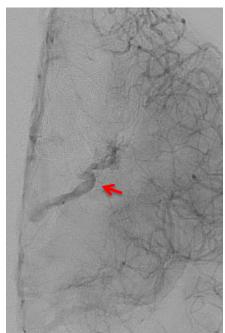


Injection after embolization from PChA – Residual AVM – What to do???



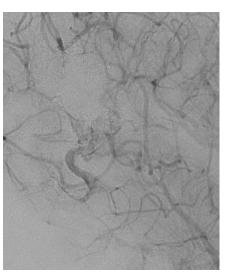
Injection after embolization from PChA – Residual AVM – What to do???

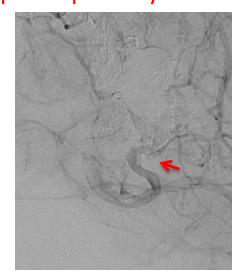


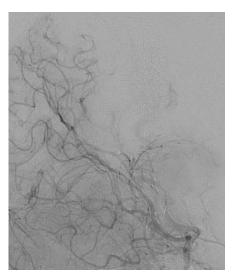




Deep vein partially thrombosed



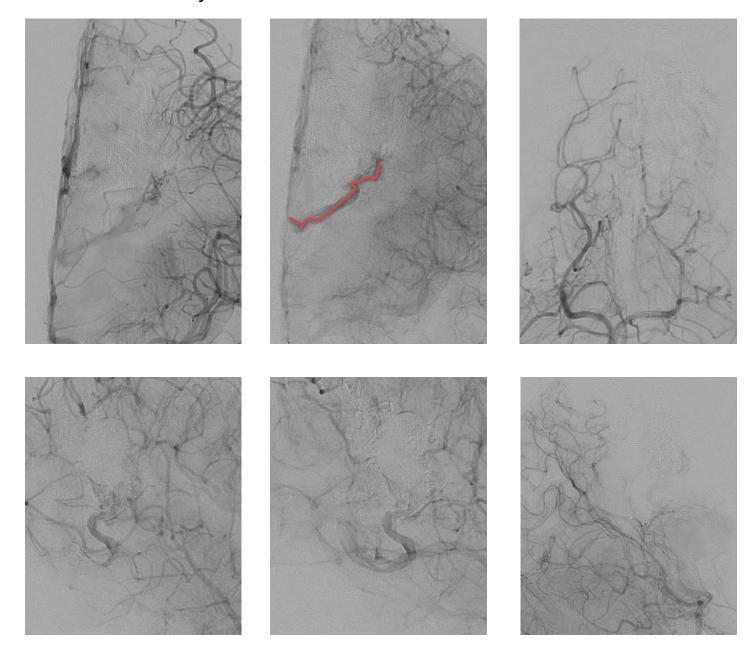




Alternatives

- A Continue embolization through the thalamic perforators and choroidal arteries
- B Leave it and complement with radiosurgery
- C Leave it
- D Finish the treatment transvenous

Injection after embolization from PChA



Transvenous approach

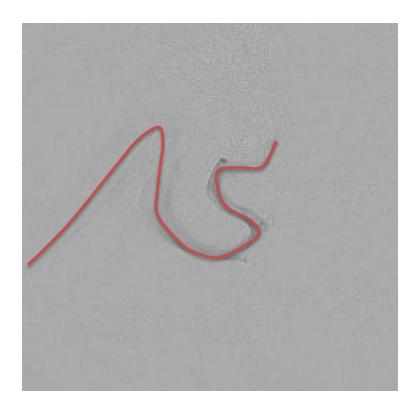




Venous injection before final embo

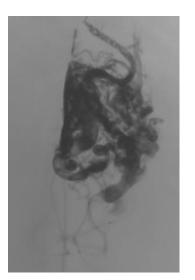
Transvenous approach

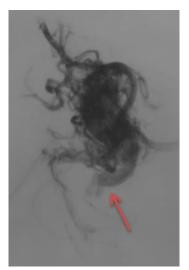




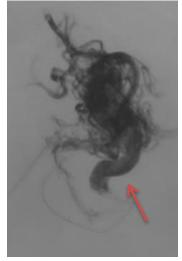
Venous injection before final embo

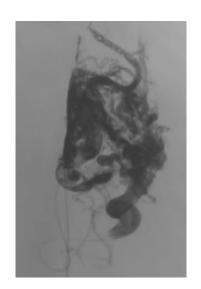
Transvenous approach

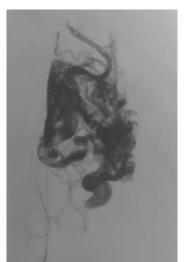


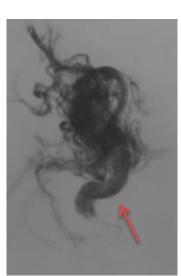


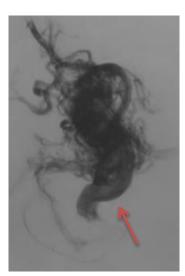




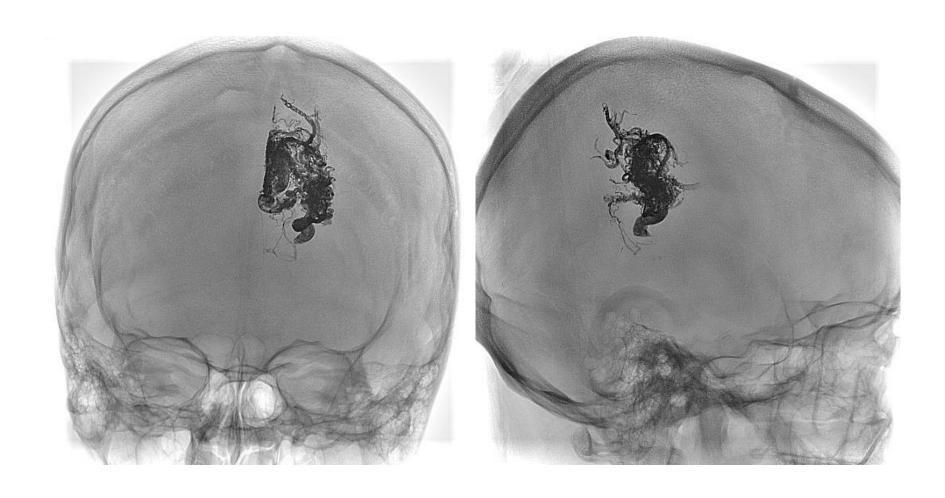


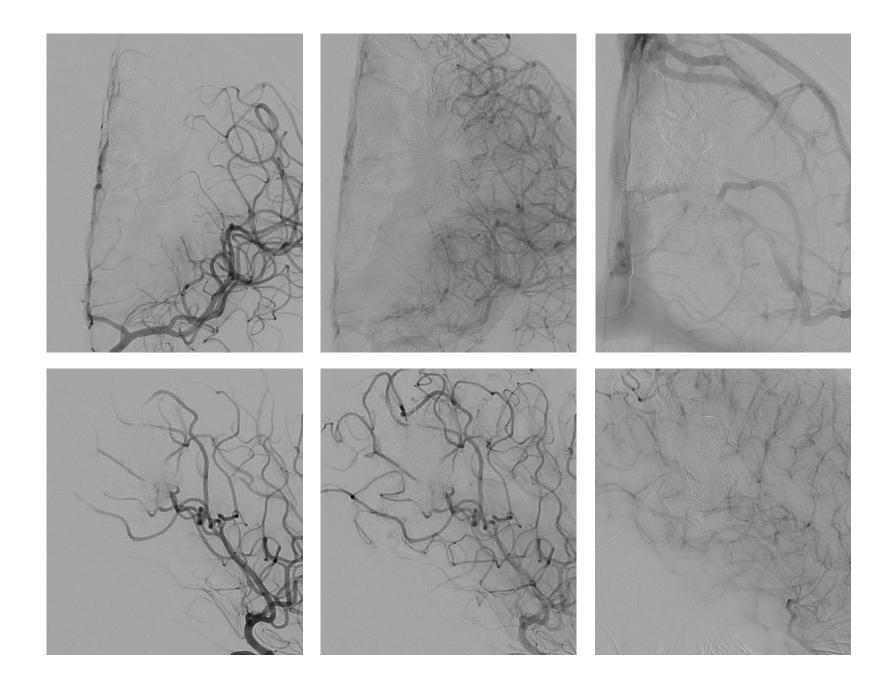


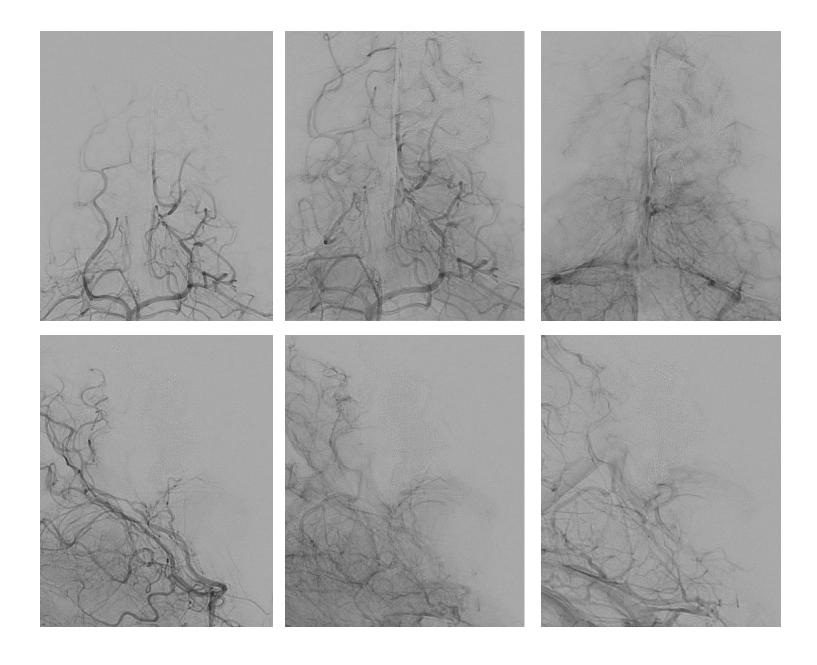




Final Onyx cast

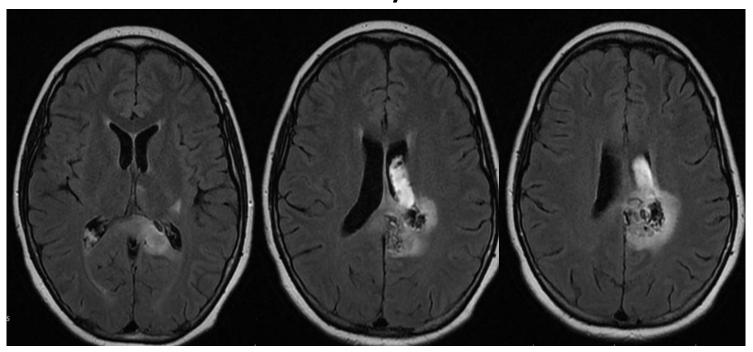






Follow up

5-day MRI



Discharged home after 7 days. MRS 1

