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CASE 2018-8

Submitted by:

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Clinical History:

A 38 year old female with no significant past medical history presented with headache, nausea and photophobia for three days. She subsequently developed visual loss and aura in both eyes which prompted imaging studies. A large, predominantly cystic left parietal mass measuring 6.4 x 4.3 x 5.2 cm associated with irregular and nodular peripheral enhancement and areas of hemorrhage around its periphery was seen on brain MRI. There was mass effect including 7-8 mm rightward midline shift and partial effacement of the basal cisterns. The patient underwent left craniotomy for gross-total resection of the enhancing mass.

Material submitted:

1. One representative H&E slide
2. Representative pre-operative MRI image

Points for discussion:

1. Differential diagnosis
2. Molecular findings