

53rd ANNUAL DIAGNOSTIC SLIDE SESSION 2012

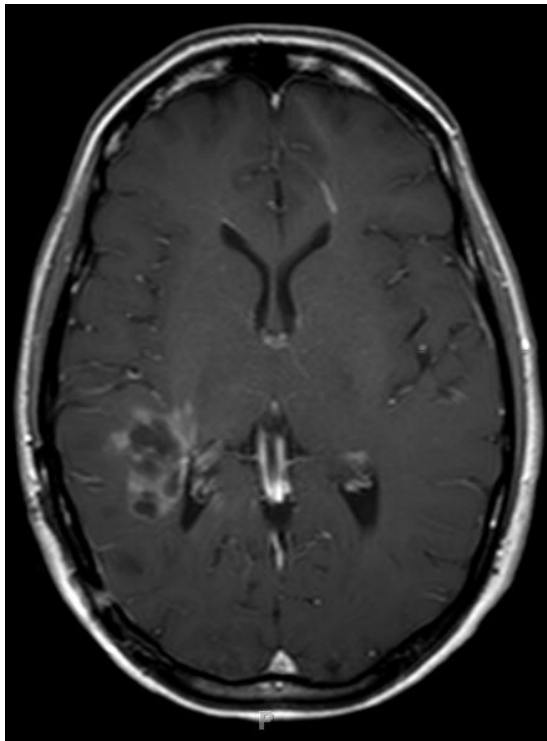
CASE 2012-10

Submitted by:

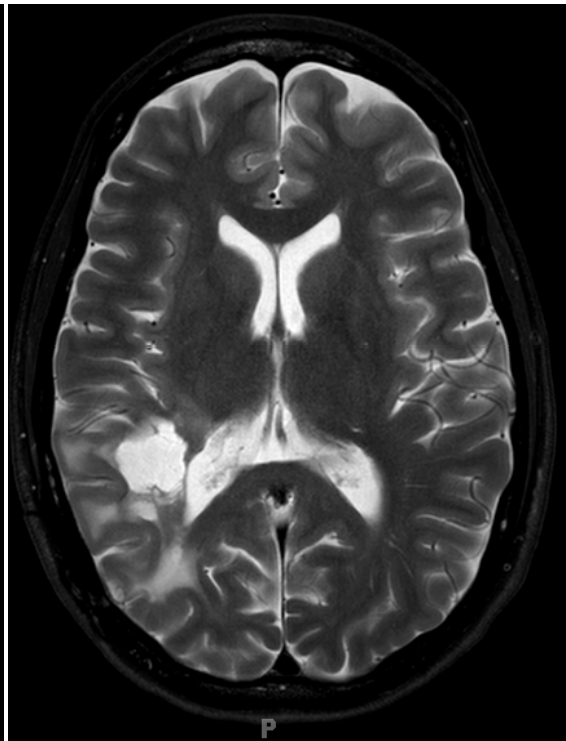
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Clinical History:

The patient is a 38-year-old caucasian female with a clinical history of chronic headaches and hemochromatosis. 4 years ago, the patient presented with grand mal seizure. An MRI revealed a T2 intense and T1 hypointense lesion with irregular peripheral enhancement measuring 2.7 X 2.0 X 2.2 cm centered in the right parietal lobe. A biopsy and subsequent resection was performed and interpreted as showing inflammatory changes. Despite surgical intervention, the patient's seizures persisted. The patient was followed with serial MRI, noting no change until the current admission at which time the lesion was found to show increases in heterogeneous enhancement and extension to the ependyma of the lateral ventricle. She presented for additional evaluation and management.



T1 weighted image with contrast



T2 weighted image

Material submitted:

1. Virtual H&E section of right parietal lobe mass
2. Representative MRI images

Points for discussion:

1. Diagnosis
2. Pathogenesis