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. The patient presented in 2007 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 July of 2011 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.
Material Submitted:
1. Virtual H&E section of right parietal lobe mass
2. Representative MRI images

Points for Discussion:
1. Diagnosis
2. Pathogenesis