

## 58th ANNUAL DIAGNOSTIC SLIDE SESSION 2017

### CASE 2017-1

Submitted by:

Natalya Hakim, Janna Neltner, Dianne Wilson, Peter Nelson, Vanessa D. Smith  
University of Kentucky, Department of Pathology, 800 Rose Street, Lexington KY 40536

Clinical History:

The patient is a 51 year old female found to have a right temporal nonenhancing lesion upon workup for episodes of subacute progressive confusion and new onset seizures over the past two months. She also reports new frequent headaches and blurry vision. Her past medical history is significant for restless leg syndrome, anxiety and depression. Neurologic examination did not demonstrate any focal deficits. An MRI of the head demonstrated right temporal lobe cortical thickening with T2 hyperintense signal involving both the cortex and deep parenchyma, consistent with an infiltrating lesion. No enhancement was noted. The patient underwent a right temporal lobectomy, sparing the hippocampus and medial structures, with subtotal excision of the lesion.

Material submitted: 1 H&E slide and pre-operative images of MRI head with and without contrast

Points for discussion:

1. Clinical and radiographic presentation
2. Histologic and immunohistochemical characteristics
3. Prognosis