

## 58th ANNUAL DIAGNOSTIC SLIDE SESSION 2017

### CASE 2017-3

Submitted by:

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Clinical History:

This 9-year-old girl presented with partial seizure and occasional headaches. A brain MRI showed a large complex solid-cystic cortical and subcortical mass lesion measuring 7.1 x 4.2 x 3.6 cm within the left superior temporal and parieto-occipital lobes. A faint rim of enhancement was noted along its medial margin. A first biopsy was performed at an outside hospital and the diagnosis of oligodendroglioma was issued. The H&E of this first biopsy is presented in slide #1. After additional assessment and imaging, the patient was referred 6 months later for complete resection. The H&E of the second resection is presented in slide #2.

Material submitted:

1. Representative digital images of H&E slides
2. Representative MRI images

Points for discussion:

1. Differential Diagnosis (slides #1 and 2)
2. Molecular work up