

50th ANNUAL DIAGNOSTIC SLIDE SESSION 2009

CASE 2009-4

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Clinical History: A previously healthy 11-year-old boy presented to an outside facility with a 4-day history of left sided weakness, bifrontal headache, facial numbness, nausea, and vomiting. A ten pound weight loss had occurred recently. An MRI of the brain showed a 5.3 x 4.7 x 4.3 cm extra-axial mass over the right cerebral convexity at the fronto-parietal junction. The mass had a broad base over the surface of the dura with a small dural tail and the tumor extended into the underlying brain parenchyma. Moderate edema associated with a 7 mm midline shift was noted. A surgical resection of the tumor was performed.

Material submitted: An H&E section of the right frontal tumor.

Points for discussion:

1. Differential Diagnosis
2. Immunohistochemistry
3. Molecular genetics