

55th ANNUAL DIAGNOSTIC SLIDE SESSION 2014

CASE 2014 – 7

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Clinical history: 7-year-old female with a medical history of headaches of two years duration. The past medical history was otherwise unremarkable. Magnetic resonance imaging (MRI) of the brain with and without contrast showed a relatively discrete mass in the tectal area, blocking the aqueduct of Sylvius and causing hydrocephalus (Fig.1). The mass demonstrated focal contrast-enhancement (Fig. 2). A biopsy was submitted for evaluation.

Material submitted:

- 1) Brain MR images (sagittal T2, sagittal T1+contrast)
- 2) One hematoxylin-eosin-stained virtual slide

Points for discussion:

- 1) Differential diagnosis
- 2) Ancillary studies
- 3) Prognostic implications