

## 45<sup>th</sup> Annual Diagnostic Slide Session 2004

### CASE 2004-4

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**Clinical History:** A healthy 54-year-old male presented with a 2-3 week history of short-term memory difficulty, unremitting headache and a shuffling gait. MRI of the brain showed a contrast enhancing 5.6 x 5.4 x 4.2 cm partially cystic, partially solid mass involving the right anterior parietal and frontal lobes. The cystic component accounted for over fifty percent of the lesion's volume, and the solid component contained areas of necrosis. Subfalcine herniation and effacement of the right lateral ventricle related to edema and tumor mass effect were present. Additional lesions were identified in the left frontal lobe and centrum semiovale. Gross total resection of the tumor was performed. Translucent golden-yellow fluid was aspirated from the cyst. Macroscopically, the specimen consisted of a 3.8 x 2.3 x 2.0 cm irregular firm mass. The cut surface demonstrated a variegated appearance with firm white-tan tissue interspersed with softer red-tan semi-translucent areas.

**Material Submitted:** H&E and unstained section of right frontal lobe of cerebrum

**Points for Discussion:** Diagnosis