47th ANNUAL DIAGNOSTIC SLIDE SESSION 2006

CASE 2006-9

Submitted by:

Douglas Anthony, M.D., Ph.D., Dept. Pathology, University of Missouri, Columbia, MO, 65212 (573-882-1201; anthonydc@missouri.edu), and

Umberto DeGirolami, M.D., Brigham and Women's & Children's Hospitals, & Harvard Medical School, 75 Francis Street, Boston, MA, 02117 (617-732-5457; udegirolami@partners.org)

Clinical History:

A 60-year-old woman presented with recent onset of headaches and change in mental status. She has no significant past neurologic history. She noticed changes in memory over the last month. Over the last several days, she became less interactive with family members and disoriented. She has a remote history of breast cancer (13 years prior, treated with mastectomy and chemotherapy), depression (treated with Zoloft), and acid reflux disease (treated with Zantac).

MRI showed a homogeneously-enhancing mass in the left frontal lobe, based on the dura with a broad base of attachment and with 12 mm of midline shift. She was placed on intravenous decadron and taken to surgery for resection of the left frontal mass.

Material Submitted: 1 H&E-stained section

1 unstained section

Points for Discussion: 1. Diagnosis

2. Prognosis