CASE 1992-9

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CLINICAL ABSTRACT:

B.M. is a 5 year old black female who was in her normal state of health until February
1991, when she was noticed to have subtle personality and behavioral changes. In
March of 1991 she had a seizure, while at home, described by her mother as "jerking
her head to the left and becoming unresponsive". B.M. lost bowel control, and
remained unresponsive for approximately 5 minutes. This was followed by a one hour
period of confusion, headache and neck pain.

She was brought to the emergency room by her parents. Her examination was
normal with no focal neurologic findings. Laboratory examinations were as follows:

Na 137, K 4.1, Cl 104, HCO₃ 22, BUN 6, cr. 0.7, Glu 95, HCT 37, Hgb 12.2,
WBC 14.5 (79% segs, 3% bands, 17% lymph., 1% monos), PLT 203

Serum Quantitative Immunoglobulins:

IgG 650mg/dL (550-1450)
IgA 57 mg/dL (28-140)
IgM 332mg/dL (40-220)

CT scan and MRI revealed a mass in the right parietal lobe.
A right parietal craniotomy for tumor was completed without complication.

B.M. was discharged on post op day 7.

One year later she is reported to have behavioral problems at school and home. She
is seizure free and without focal neurologic findings. Repeat CT scan (1/92) is
without evidence of residual tumor.

MATERIAL SUBMITTED: One H & E stained slide, one kodachrome (MRI).

POINTS FOR DISCUSSION: 1. Histogenesis of this lesion.
2. Relationship to meningiomas?