

SUBMITTED BY: John J. Kepes, M.D., Department of Pathology and Oncology,  
The University of Kansas Medical Center College of Health  
Sciences and Hospital, Kansas City, Missouri 66103

The patient was a 14 year old male with a "seizure disorder" since age 11. Prior to that, he was said to have been in good general health with a non-contributory family history and normal developmental milestones. For the first two years after the onset of seizures, he received only conservative treatment with Dilantin, but at age 13, he was referred

for a neurological work-up. Physical and neurological examinations were normal but the EEG showed a "right frontal focus", plain skull films revealed an area of calcification in the right frontal lobe and CAT scans confirmed this finding. A right frontal craniotomy was done and a cherry-sized mass was found superficially in the brain. It appeared to have a fibrous capsule and contained amorphous, rather dry-looking, yellow-gray material. The patient recovered well from surgery and is presently symptom-free.

MATERIAL SUBMITTED: One (1) section stained with H & E and one (1) 2 x 2  
Kodachrome of the EMI scan.

POINTS FOR DISCUSSION:

1. What is the diagnosis?
2. What additional investigations may help to elucidate the pathogenesis of this lesion?