

KENTUCKY SOCIETY OF PATHOLOGISTS
JUNE 1973 NEUROPATHOLOGY SEMINAR

Discussor: Dr. Joseph C. Parker, Jr.
Department of Pathology
University of Kentucky Medical Center

1. (S5058-68) - A 9-year-old girl with ataxia was found to have a posterior fossa tumor.
2. (A11-68) - This 57-year-old single woman has a right radical mastectomy which was followed by hormonal therapy, and a trans-sphenoidal cryohypophysectomy five years later. Terminally, she developed high fever, lethargy, dysarthria and coma.
3. (S112-69) - An epidural mass over the left cerebrum was found in this 40-year-old man with muscle weakness.
4. (A198-71) - This brain came from a 71-year-old woman with a recent fractured hip, pneumonia and renal failure.
5. (A182-72) - This 14-year-old girl developed early ataxia and subsequent mental changes, dysarthria, spasticity, retinitis pigmentosa and seizures. She died in acute heart failure.
6. (A187-72) - This transverse cervical spinal cord section was obtained from a 2 1/2-year-old boy who was knocked to the floor and subsequently developed quadriplegia.
7. (S2994-72) - 64-year-old man demonstrated a left temporal lobe tumor.
8. (S4947-72) - 64-year-old man developed a left temporal lobe mass.
9. (S4329-72) - A firm left upper neck mass was found in a 34-year-old woman with dysphagia and hoarseness.
10. (S5999-72) - This 6-year-old boy with sudden ataxia had a hemorrhagic mass in his posterior fossa.
11. (S923-73) - A 16-year-old boy with a "small lump" on his right arm.
12. (CBH #M-4149-73) - 18-year-old man with headache, blurred vision and papilledema had incomplete filling of his 3rd ventricle by pneumoencephalogram and was treated empirically with cobalt radiation. Two years later, he developed decreased interest and activity and required a craniotomy.

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Discussor's Diagnoses:

1. (S5858-68) - Well-differentiated fibrillary astrocytoma with focal cystic changes.
2. (A11-68) - Disseminated cryptococcosis with extensive central nervous system involvement.
3. (S112-69) - Degenerated epidermal cyst (cholesteatoma).
4. (A198-71) - Senile dementia with cerebral atrophy and scattered argyrophilic ("senile") plaques.
5. (A182-72) - Neuroaxonal dystrophy with basal ganglia atrophy and ferrugination consistent with Hallervorden-Spatz's disease.
6. (A187-72) - Massive remote destruction of the spinal cord consistent with chronic ischemic myelopathy due to severe vasospasms.
7. (S2994-72) - Malignant mixed glioma with astrocytic and oligodendroglial elements.
8. (S4947-72) - Acute meningoencephalitis due to Herpesvirus.
9. (S4329-72) - Chemodectoma (glomus jugulare).
10. (S5999-72) - Giant cell sarcoma of the cerebellum.
11. (S923-73) - Granular cell tumor (schwannoma).
12. (CBH #M-4149-73) - Germinoma (atypical teratoma or pinealoma).