

**Canadian Association of Neuropathologists
L'Association Canadienne des Neuropathologistes**

CASE No 9

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At age 9 months, this boy's mother noticed a decreased level of consciousness (LOC), vomiting and seizures associated with fever. An EEG was performed which was unremarkable. His mother also noted developmental regression in that he stopped crawling and had difficulty in sitting up without assistance.

At age 18 months he had increased episodes of vomiting, weight loss and an episode of prolonged decreased LOC. A skull X-ray was done which was abnormal and he was referred to Edmonton. There a CT scan and MRI revealed a large intracranial mass centred upon the pineal gland. On 8 February 2005 a stereotactic biopsy was performed which was read as "Primitive Neuroectodermal Tumour".

He was shunted and treated for pineoblastoma: vincristine, cisplatin and VP-16. Despite this the neoplasm continued to increase in size and resection was undertaken on 24 May 2005. The section is from this resection.

Material submitted: One representative H&E stained section

Question: Diagnosis