CASE No 10

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In February of 2008 this previously well 9 month-old girl presented with two episodes of apnea and complex partial seizure. She had a CT and MRI in Victoria and was subsequently transferred to BCCH in Vancouver.

MR imaging at BCCH revealed a 3.9 x 2.7 x 3.8 cm solid mass in the left anteromedial aspect of the middle cranial fossa. This mass exhibited irregular gadolinium enhancement and was felt to most likely be extra-axial in location.

The girl was taken to surgery and a gross total resection was achieved. However, postoperative imaging revealed a small amount of residual enhancement at the anterior aspect of the tentorium that was felt to most likely represent residual tumor.

At her three month follow-up visit, this girl was clinically well and MR imaging at that time revealed no evidence of residual tumor progression.

Materials Submitted: One representative H&E slide

Question: Differential diagnosis?