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This 5 year old girl presented with a 4 month history of primarily morning headaches and vomiting. In addition she had a 1 month history of right facial droop and left gaze preference. MRI was performed and subsequently a partial resection was performed. After embolization a second craniotomy achieved gross total resection of the mass including a 1cm area that was thought to be the attachment of the mass to the dura.

Diagnosis: Primary meningeal melanoma

Comment: Various diagnoses were entertained by members of the audience, including pleomorphic xanthoastrocytoma (PXA) and desmoplastic infantile ganglioglioma (DIG). The tumor cells were immunopositive for S-100 protein, vimentin and Melan A, but negative for HMB-45. Occasional cells were positive for GFAP, and the tumor had extensive reticulin proliferation.

References: