**Neuropathology case (R. L. Hamilton)**

**Children’s Hospital Friday March 6, 2015 8 AM conference**

8 year old child with breathing difficulties and a mass in the nasal sinuses that was resected

Permanent H&E – [MAL.10B](http://image.upmc.edu:8080/NeuroPathology/Malformations/Malformations2/MAL.10B.svs/view.apml?)

What is the pathological process?

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**Answer:**

Malformation – Anterior Encephalocele (“nasal glioma”)

may appear in the nares, sinuses or anywhere in the midline face

Occipital encephaloceles are more common and larger (75%) of cases

these are due to defects in bone formation during development (“axial mesodermal defects with herniation of the neural tube)