

# Nasal Glioma

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## History

1 day old with nasal mass.

## Diagnosis

Nasal Glioma

## Discussion

Nasal gliomas are well circumscribed soft tissue masses that occur at the nasal dorsum or within the nasal cavity in infants. They are composed of dysplastic glial tissue, and are congenital nonneoplastic lesions best categorized as heterotopia. They may be connected to the brain by a stalk of fibrous tissue through a small defect in the cribriform plate. However, no direct fluid-filled tract that communicates with the subarachnoid spaces is present. Nasal gliomas are often isointense relative to normal brain on MRI.

## Findings

MR-Sagittal fat suppressed post-gadolinium T1 and FSE2 images show a mass extending through an enlarged foramen cecum isointense to brain parenchyma.

CT-Soft tissue mass emanates from the bridge of the nose on 3D volume rendered image.

## Reference

Moron F, et al. Lumps and Bumps on the Head in Children: Use of CT and MR Imaging in Solving the Clinical Diagnostic Dilemma. RadioGraphics, Nov 2004; 24: 1655 –1674.

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