

Patient Name: Morrishughes, Lori L  
DOB: [REDACTED]  
Sex: F  
Ordered By: [REDACTED] MD

SSN: [REDACTED]  
Request # R160-0571  
Proc. Date: 06/09/2002  
Patient Type: INPT

**MEDICAL CENTER RADIOLOGISTS**

10792452  
R160-0571

06/09/2002

CPT CODE: 70480, 76375  
CT OF THE PARANASAL SINUSES WITHOUT CONTRAST:

**HISTORY:** Cystic fibrosis, renal failure and probable infection.

The patient is intubated. Axial images of the paranasal sinuses and nasal cavities were obtained with coronal reconstruction.

The paranasal sinuses are fairly well developed except for the frontal sinuses which are mildly hypoplastic, especially on the right. The left sphenoid sinus compromises about 80% of the sphenoid sinus complex with a small right sphenoid sinus. There is mild S shaped nasal septal deviation. Diffuse mucoperiosteal thickening is present in the maxillary sinuses, left greater than right. There is also partial opacification of the right ethmoid air cells, especially posteriorly, and the sphenoid sinuses are more than half opacified. The posteroinferior walls of both maxillary sinuses are either surgically absent or demineralized to the point of being undetectable. The fat at that point does not appear particularly indurated so I do not think that this is an acute process. Previous CT of 4-12-02 shows a similar appearance of the sinus walls. At that time, however, there was greater disease in the right maxillary sinus and much less abnormality in the other paranasal sinuses. For example, the sphenoid sinuses were virtually clear at that time. There is some debris in both middle ear cavities extending to the epitympanic regions.

**IMPRESSION:**

1. Increased paranasal sinus disease compared to 4-12-02.
2. Bony defect at the inferolateral aspect of the maxillary sinuses, not an acute finding.
3. Fluid or debris in the middle ear cavities. The worsening of the sinus disease may be explained by the patient having been intubated, as that tends to disrupt the normal mechanisms of maintaining clear sinuses.

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**RADIOLOGY**

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Room/Bed: GICU034901  
ACCT #: 500930092160

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