

Patient Name		ID No	
Exam Type	MRI SINUSES	Exam Code	70540
Exam Date	16/07/2021	DoB	
GESY Reg No		GESY Ref No	18054018

**MRI OF THE FACE WITH I.V CONTRAST**

**TECHNIQUE:**

The examination was conducted on a SIEMENS MAGNETOM Avanto 1.5 T scanner. Multiplanar multisequence magnetic resonance images through the face were obtained before and after the uneventful administration of intravenous contrast (Gadolinium).

**FINDINGS:**

There is evidence of a heterogeneous lesion within the right maxillary sinus, that measures approximately 35x18x33 mm and exhibits heterogeneous intense enhancement in the post-contrast images. The lesion seems to infiltrate the posterior/inferior wall of the sinus causing osteolysis of the right aspect of the maxilla. Destruction of the posterolateral wall of the maxillary sinus results in infiltration of the retromaxillozygomatic space and the lateral pterygoid muscle. A small component of the mass also abuts the right temporalis muscle. Even though the lesion abuts the floor of the orbital cavity and the medial wall of the maxillary sinus there is no clear evidence of a bone destruction or intraorbital tumoral infiltration. The soft tissues in the orbital cavities are unremarkable.

**CONCLUSION:**

Evidence of an osteodestructive process within the right maxillary sinus, that invades the right retromaxillozygomatic space, the lateral pterygoid muscle and the right portion of the maxilla.

ENT consultation and biopsy is advised.

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