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CASENO : CN/32989 requisition no. ACHZ/MR/17/000082
name Mr. VASANT DASHRATH JADHAV
sex/age : M / 43 Years category/status : B/ Out Patient
dmg : DMG - HEAD & NECK(B)
service desc MRI Neck
reqn date : 09-01-2017
provisional diagnosis

report date : 10-01-2017

MRI OF THE FACE AND NECK DATED 09.01.2017:

Multiplanar imaging of the face and neck has been performed using TSE T1-weighted, TSE T2-weighted, STIR and post contrast T1-weighted fat saturated sequences.

Known case of sinonasal adenoid cystic carcinoma, for pre operative evaluation.

Lobulated soft tissue mass is seen expanding and completely occupying the left nasal cavity. It is involving the superior and middle nasal turbinates, with deviation of the nasal septum to the right side. The mass also invades the left maxillary, posterior ethmoid and sphenoid sinus. The posterior extension is extending into the choana

Laterally, there is erosion of the lamina papyracea, medial & inferior orbital wall with intra- orbital extension into the extraconal space. the medial bony wall of the optic nerve canal is also eroded. The extra ocular muscles and the intra-canalicular optic nerve are displaced laterally due to mass effect. The inferior oblique fissure is involved.

Superiorly, there is erosion of the anterior base skull but no infiltration of the underlying gyri.

Posteriorly, the mass destroys the pterygoid plates and infiltrates the pterygo-maxillary fissure and pterygo-palatine fossa. It also erodes the left side of body and greater wing of sphenoid. It infiltrates the sphenoid sinus and invades the left cavernous sinus, encasing the internal carotid artery. the mass abuts the medial surface of the temporal lobe but no brain invasion is noted.

There is no dural enhancement.

The mass appears isointense as compared to muscle on T1-weighted images, hyperintense on T2-weighted and STIR images, and exhibits intense homogeneous enhancement on post contrast scans. There are patchy areas of diffusion restriction within the mass. It measures 4.8x4 x 5 cm in its AP, transverse and superoinferior dimensions.

Dr.SEEMA KEMBHAVI
Consultant (Radio-diagnosis)

RADIOLOGY