**MRI BRAIN AND ORBITS**   
   
 **History**: Orbital mass   
   
 **Technique**:   
 Brain:   
 - Sagittal 3D TFE T1W, 3D FLAIR T2W FS+Gd with axial and coronal reconstruction   
 - Axial 3D SE T1W, TSE T2W FS, DWI with ADC, SWI, 3D SE T1W FS+Gd with sagittal and coronal reconstruction, THRIVE T1W+Gd with sagittal and coronal reconstruction   
 Orbits:   
 - Axial 3D DRIVE T2W with coronal and sagittal oblique reconstruction, TSE T1W, TSE T2W FS, TSE T1W FS-/+Gd   
 - Coronal TSE T2W FS, TSE T1W FS-/+Gd   
   
 **Comparison**: None   
   
 **Findings**:   
 The study reveals three enhancing T1- and T2- isointense masses with restricted diffusion measured about 1.6x1.1x0.8 cm in AP, transverse and vertical dimension, respectively at superomedial extraconal space of the right orbit as well as 2.3x1.8x2.0 cm at superolateral extraconal space of the left orbit involving the left lacrimal gland and 0.5x0.5x0.3 cm at superomedial extraconal space of the right orbit. No definite their adjacent structural invasion is noted. DDx are lymphoma and IgG4-related disease.   
     The cerebrum, the cerebellum and the brain stem are unremarkable. No intracranial hemorrhage, infarction, brain edema, focal abnormal enhancing lesion, enhancing nodule or mass, leptomeningeal or pachy meningeal enhancement, hydrocephalus or brain herniation is noted.   
     Mild mucosal thickening at the right posterior ethmoid sinus is observed. The rest of the paranasal sinuses are clear.   
     Bilateral mastoid air cells are clear.   
     The bony structures are of normal marrow signal intensity.   
     There is an enhancing T1- and T2- isointense nodule without definite restricted diffusion measured about 1.6 cm in greatest dimension at superficial lobe of the right parotid gland. DDx includes benign tumors such as benign mixed tumor and Warthin tumor as well as malignant tumors such as lymphoma and malignant salivary gland tumors.   
   
 **Impression**:   
 - Three enhancing masses with restricted diffusion at superomedial extraconal space of the right orbit, and superolateral and superomedial extraconal space of the right orbit. DDx are lymphoma and IgG4-related disease.   
 - An enhancing nodule without definite restricted diffusion at superficial lobe of the right parotid gland. DDx includes benign tumors such as benign mixed tumor and Warthin tumor as well as malignant tumors such as lymphoma and malignant salivary gland tumors.