

Patient Information for MRI and CT Scans

1. ***Hold Still:*** The quality of the pictures is dependent on how still you can remain during the scan. Holding completely still for several minutes is very difficult and will take some determination.
2. ***Be comfortable. Say something if not:*** If you are not comfortable with how the technician has placed you, speak out before the scan starts. Do not allow the scan to start until you are comfortable.
3. ***Teeth together:*** The CT and MRI scans will be done with your teeth comfortably together. One of the MRI scans is done with the mouth in the open position. One of the CT scans is done with you laying on your stomach with your head bent back so you are looking ahead. Make sure that your teeth are together and the lower jaw is not shoved forward or back.
4. ***Be Careful Swallowing.*** When you swallow, your jaw can move. After the technician positions you on the table, they have a fair amount of set up to do before they take the actual scan. When it is time to hold still they will let you know. Do not move your jaw if you have to swallow when they are taking the scan
5. ***Ask.*** If you have any questions or concerns please ask.
6. ***Take CD:*** After your appointment they will give you a CD with the scans on it. You will need to bring the CD with you to your consultation appointment. If you are able to drop the CD off before your appointment, that would be helpful.

THANK YOU

CT and MRI Scans of the TMJ

Notes to the Radiologist

Please rule out:

Osteoarthritis, avascular necrosis, osteochondritis dissecans, marrow edema, synovitis, cystic degeneration, cancer

CT Scan- Normal

Cortex intact- No cysts, no hypercalcifications

Intermedullary bone has a good pattern

Normal Size and shape of right and left condyle (70% condyle to fossa)

Non congruent ovoid shape of condyle with respect to fossa

No flat areas

CR Load Zone- Right and Left Condyles load on superior medial condyle

Closest bone distance between the condyle and fossa is at superior medial articular surface

Right and Left Condyles are centered medial-laterally. The Mandible sits centered under the skull base

The inferior border and angle of the mandible on the right and left are equidistant to the fossa

Right and left Condyle are centered in fossa in sagittal axial, and coronal views

The joint space indicates adequate room for a disc

No lesions or tumors in the TMJ and surrounding areas

MRI- Normal

Disc is in a proper position on both the medial and lateral pole

If not; Off both medial and lateral? Where is it? Size of disc?

Recaptures? Does Disc move in open view (Adhesed?)

PseudoDisc formation (fibrosis)?

Cortex intact- No cysts, No areas indicative of either sclerotic or necrotic bone

Normal Size and shape of right and left condyle (70% condyle to fossa)

Non congruent ovoid shape of condyle with respect to fossa

No flat areas, No lipping

Right and Left Condyles are centered anterior-posteriorly in fossa

No edema in the joint, synovial tissue or bone marrow on the T2 and STIR images.

No lesions or tumors in the TMJ and surrounding areas

