

INDICATION: Bilateral temporomandibular joint pain and pressure. The patient was hit in the face in the chin area two weeks ago. The patient also has constant popping on both sides since.

TECHNIQUE: Coronal T1, sagittal T1, dual-echo closed-mouth, and sagittal T1 open-mouth views of the right temporomandibular joint.

FINDINGS: The intra-articular disc is normal in size and signal characteristics without degeneration or tear. The disc is noted in normal anatomic position between the mandibular condyle and temporal eminence. There is only mild excursion of the mandibular condyle and intra-articular disc on the open-mouth view and normal recapture on the closed-mouth position. This is approximately 60% of the normal anterior excursions. Mild sclerosis is noted along the temporal eminence. No cortical erosion or marginal osteophyte formation. Normal mandibular condyle.

The masseter muscles are normal. Normal visualized mastoid air cells.

IMPRESSION:

1. Normal intra-articular disc between the mandibular condyle and temporal eminence on both the open and closed-mouth views. There is limited anterior excursion of the mandibular condyle and intra-articular disc on the open-mouth position approximately 60% of what is typically seen. There is normal recapture on the closed-mouth position.
2. Mild sclerosis along the temporal eminence without cortical erosion or marginal osteophyte formation. No joint effusion.