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The Angle Orthodontist: Vol. 56, No. 2, pp. 102–117.

Corrected Parasagittal Direct CT Imaging of the Temporomandibular Joint

With arthroscopic correlation

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ABSTRACT

Direct CT studies of the temporomandibular joints, using axial, coronal, and condylar axis corrections for parasagittal views perpendicular to the long axis of the condyle head to provide detailed CT examination of the bony structures and associated soft tissues. Images of selected patients are correlated with arthroscopic evaluation and treatment, yielding a unique perspective for evaluation of the imaging method and the joint itself. Based on these findings, a hypothetical mechanism of TMJ derangement is proposed.

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KEY WORDS: ARTHROSCOPY, COMPUTERIZED TOMOGRAPHY, RADIOGRAPHY, TEMPOROMANDIBULAR JOINT.