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Correlation between mandibular condylar position and clinical dysfunction index after bilateral sagittal split osteotomies

Several articles have discussed mandibular condyle position after bilateral sagittal split osteotomies (BSSO). However, previous studies have sought to establish a relationship between orthognathic surgery and the improvement of temporomandibular joint (TMJ) signs and symptoms. Also, they have been limited to two-dimensional evaluation of condylar position considering only the condylar “sag” or improper inferior seating of the condyle. The purpose of this study was to investigate a relationship between changes in condylar position using three-dimensional computed tomography and the negative clinical impact of BSSO on the temporomandibular joint.