



Interest of a multidisciplinary medical-surgical consultation for the management of temporomandibular joint pathologies

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Abstract :

Pathologies of the temporomandibular joint (TMJ) are frequent; the prevalence of temporomandibular disorders (TMD) in the general population is estimated at 31.1%. The diagnosis of these pathologies is only possible after a careful clinical examination, often completed by imaging (dental panoramic, CT or cone-beam CT, MRI, ultrasound). The diagnostic approach aims at identifying the muscular, disc, joint or mixed cause of the pathology. The medical and surgical treatments are varied, ranging from simple hygienic and dietary measures to surgical treatment of the TMJ. Minimally

invasive techniques such as intra-articular infiltrations, arthrocentesis and botulinum toxin injections into the masticatory muscles are most often preferred.

The multidisciplinary consultation for TMJ pathologies associates a maxillofacial surgeon and a rheumatologist. We provide a third-line referral for the diagnosis and treatment of articular TMJ pathologies. This consultation allows us to perform dynamic imaging of the joint using ultrasound, as well as ultrasound-guided infiltrations.

Through the presentation of clinical cases, the objective of this communication is to show the interest of a combined rheumatologist-maxillofacial surgeon consultation for the management of complex TMJ pathologies.