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DIFFERENTIAL DIAGNOSIS OF TEMPOROMANDIBULAR DISORDERS (TMD)

CONCEPT

TDM comprise myopathies and arthropathies of the craniomandibular join system. They cause the largest amount of orofacial pain after the dental and periodontal pain.

The most frequent myopathies are myofascial pain (strong bodily pain with trigger points and reference areas), local myalgia (without reference areas) and myospasm. The most frequent arthropathies are disk displacement and its consequence, arthrosis. Myopathies and arthropathies could come together. These pathologies are more frequent in women (5/1-9/1) and in their pathogenesis are implied other factors (genetic or acquired), parafunction (stress with stimulation of the dopaminergic system) and maybe occlusal disorders.

		FUNCTIONAL MYOPATHY: MYOFASCIAL PAIN/ LOCAL MYALGIA TYPE	ARTHROPATHY: CONDYLE DISK DISPLACEMENT/AR- THROSIS TYPE
SUBJECTS	-Sex -Age	Any	Start in first stages of fertile age (women)
HISTORY	Heredity Customs Work (Stress):	Affected relatives Bruxism Stress	Traumatisms (males) Hypermobility (females) Asymmetries Bruxism Stress
ANAMNESIS	PAIN -Evolution time: -Spatial profile (auto imposition of hands): -Quantitative profile: -Qualitative profile: -Temporal profile: -Influence profile -Concomitant neurological profile: JOINT SOUNDS: MANDIBULAR FUNCTION: NOSE & EAR SYMPTOMS:	Chronic (>6 months) Widespread, bilateral. Pointed at with the hand. Moderate Burning (dull) Continuous, progressive, hours, daytime Parafunctions. Dynamic and static. Negative Irregular or Negative Limited Negative	Chronic (>6 months) Localized, unilateral. Pointed at with the finger. Moderate Sharp Critical, sudden, minutes, daytime. Mastication. Dynamic. Negative Regular Disordered Occasional
EXPLORATION	INSPECTION: PALPATION: AUSCULTATION: MANDIBULAR MOTION: MANDIBULAR MOVEMENTS:	Muscular hypertrophy Allodynia muscular Negative Elasticity. Tenderness. Assisted opening > 5mm Symmetric limited. Lateral excursions > 7mm.	Denture asymmetry, occasional lack of molars Joint hyperalgesia with synovitis. Reciprocal click in disk displacement with reduction. No elasticity. Roughness. Assisted opening <5mm Asymmetric disordered. Lateral excursions < 7mm
COMPLEMENTARY EXAMINATIONS	HARD STRUCTURES SOFT STRUCTURES	Unnecessary Photography	OPG. CT. MR
DIAGNOSIS		CLINICAL	CLINICAL + IMAGES

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