



Special Issue Reprint

New Insights into the Diagnosis and Treatment of Temporomandibular Joint Diseases

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Dear Colleagues,

The temporomandibular joint (TMJ) can be remodeled even after growth has stopped, allowing it to undergo structural changes and adapt to different physiological demands. Temporomandibular disorders (TMDs) are a group of degenerative disorders involving the components of the TMJ and can lead to displacement of the disc and joint remodeling, and eventually, osteoarthritis.

Different methods of diagnosing and treating TMDs have been described in the literature. The aim of this Special Issue is to update the information on methods of TMD diagnosis, from clinical exams to immunohistology and molecular diagnosis, and on novel treatments for this disease; these include non-invasive techniques such as physical therapy, ultrasound, low-level laser therapy, and splints; minimally invasive techniques such as corticosteroid injections, arthrocentesis of the joint (with or without platelet-rich plasma or hyaluronic acid injections), and arthroscopic surgery; and invasive procedures for advanced stages of TMDs, which include discectomy, disc replacement, and total joint replacement.



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