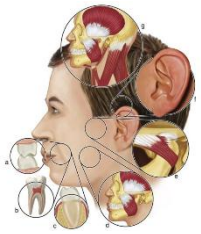
TMD PATIENTS TREATMENT WITH MAXILLARY STABILIZATION APPLIANCES

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Introduction

Occlusal splints are treatment approach in establishing neuromuscular functional balance between different parts of the stomatognathic system in patients with TMD.



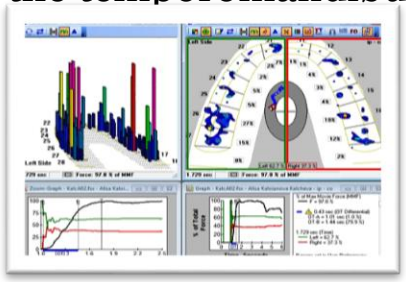


Aim

To show the effectiveness of the Maxillary stabilization appliances, also known as Michigan splint in management of various TMD.

Material and Method

Patient had presence of various temporomandibular disorders (TMD) symptoms, such as crepitations and subluxation of TMJ, headaches, myofascial pain, pain in the TMJ region and pain radiating to the neck and shoulders. After the complete clinical examination and digital T-Scan computerized occlusal analysis, we made the Michigan splint as a specific type of occlusal splint designed to reposition the jaw to a more optimal alignment, which works by gradually adjusting or stabilizing the position of the lower jaw to the most comfortable position to alleviate strain on the temporomandibular joint and surrounding muscles.



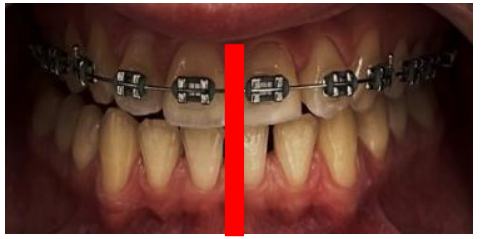






Results

Occlusal splint therapy is useful for the diagnosis and management of various masticatory system disorders and considerably reduce TMD symptoms.



Conclusion

Whenever rearrangement of the occlusion is required, use of splint therapy modifying the muscle hyperactivity and ensuring a stable relationship is essential.