



Prevalence of Temporomandibular Disorders in Complete Denture Wearers



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Introduction:

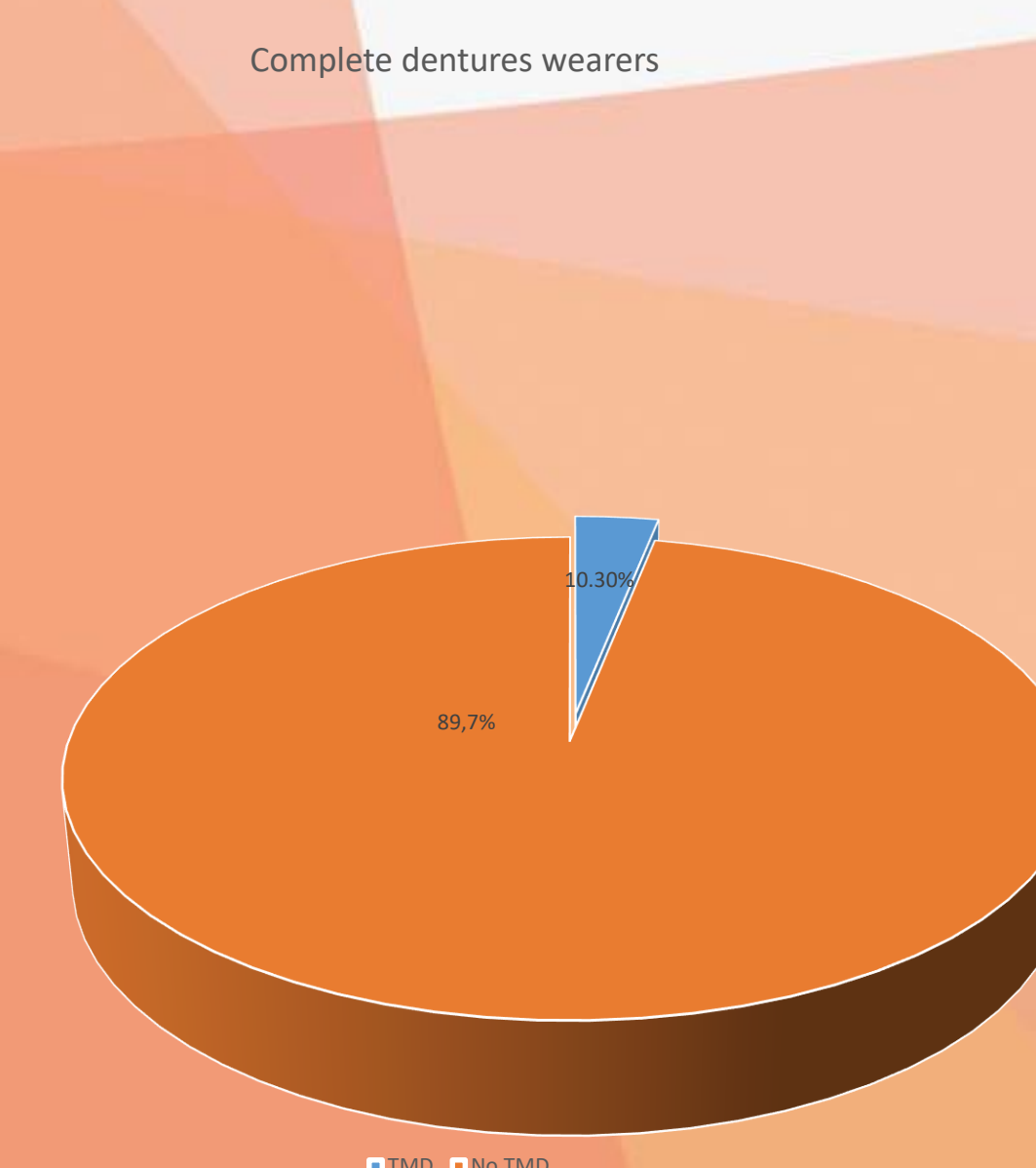
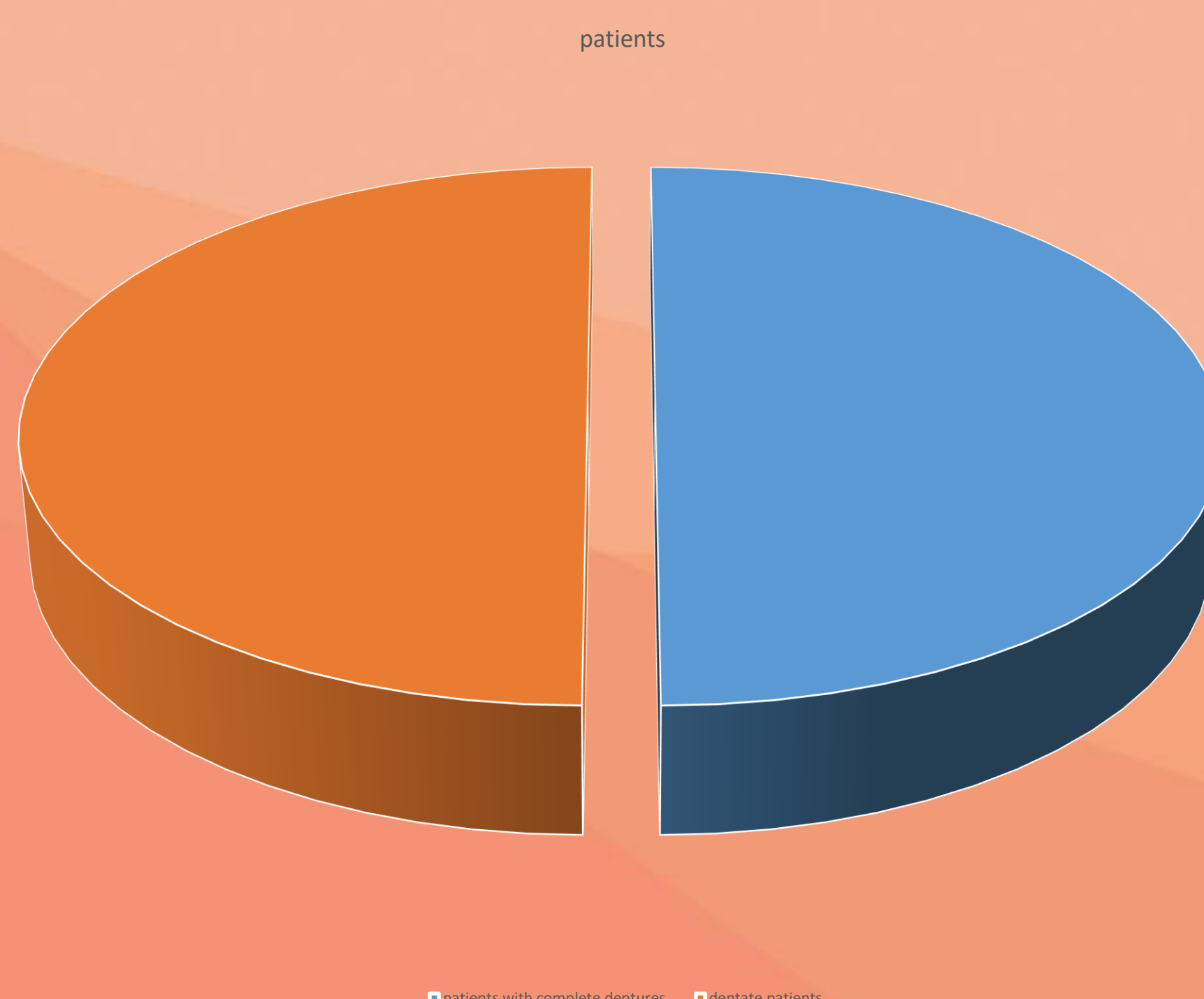
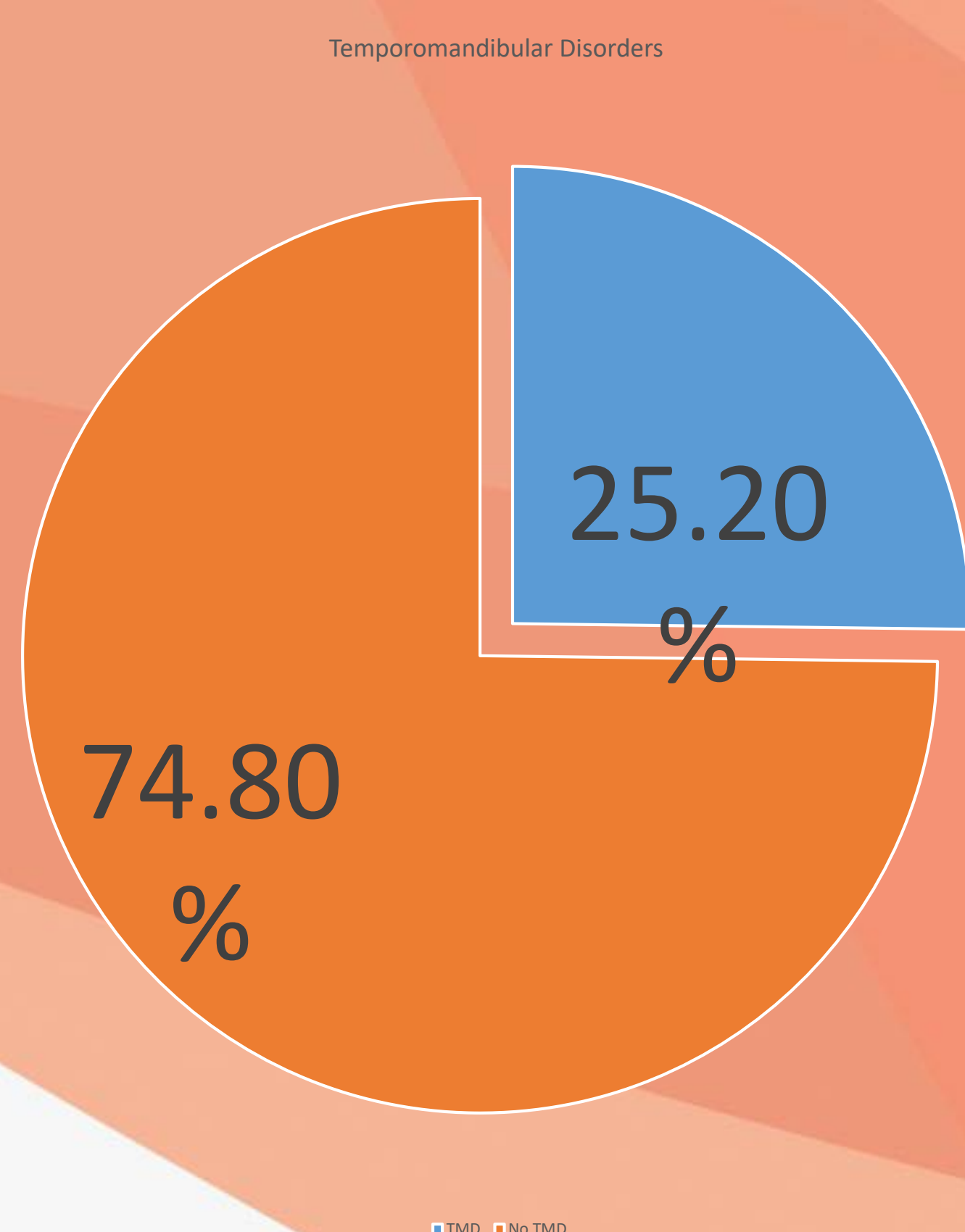
Occurrence of temporomandibular disorders increases with tooth loss, people who have over 10 tooth loss may have a higher risk of temporomandibular disorders. Epidemiological prevalence studies have shown that up to 50-70% of the population may experience at least one temporomandibular disorders sign.

Aim

The aim of the study was to determine the prevalence of temporomandibular disorders in complete denture wearers.

Material and method:

A total of 200 patients were selected from dental outpatient department. Patients was divided in two groups: group A - patients with complete dentures and group B - dentate patients. They were subjected to clinical examination and questionnaire for temporomandibular joint. Bilateral palpation was done to assess joint tenderness. Joint sounds were determined with the stethoscope. Mouth opening was measured using a digital caliper. Masticatory muscles were palpated for any signs and tenderness.



Results

Results of this study showed that there was a difference between the two groups about the prevalence of temporomandibular disorders. The prevalence of temporomandibular disorder signs was 25.2% while it was 10.3% in complete denture wearers.

Conclusion

Dentists and complete denture wearers should be aware of the new situation and changes in temporomandibular joint resulting from wearing of dentures.