

THE INFLUENCE OF FIXED - PROSTHETIC RESTORATIONS ON PERIODONTAL HEALTH

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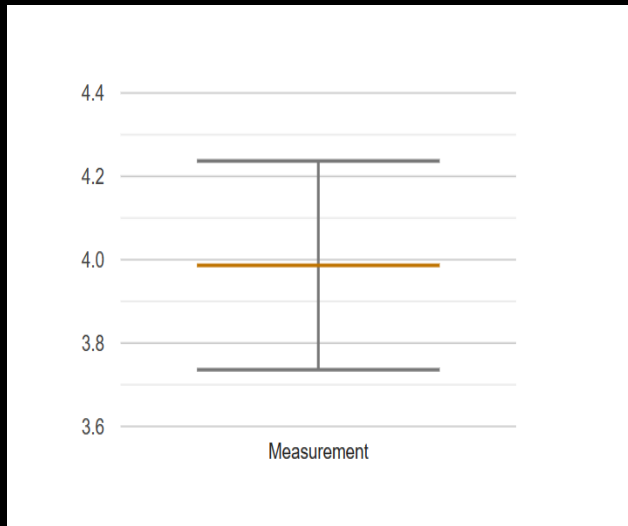
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Introduction: Definitive fixed prosthetic restorations are cemented in the patients mouth and should be in a harmonious relationship with the periodontium and must not affecting these tissues negatively. The main aim of this research was to determine the prevalence of periodontal changes in people with fixed-prosthetic reconstructions.



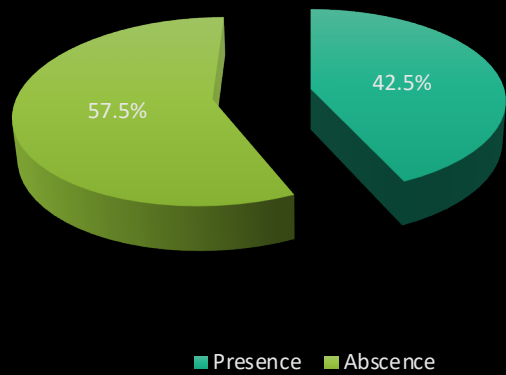
Material and methods: The research includes total number of 40 subjects in the age range of 20-75 years with fixed prosthetic structures. For each patient during the dental examination, the following parameters were determined: the depth of the periodontal pockets (PD) and the clinical attachment loss (CAL); the degree of involvement of the furcation; the degree of gingival inflammation and the presence of gingival recession. The examination was performed only on the abutment teeth of the prosthetic reconstructions.





PD

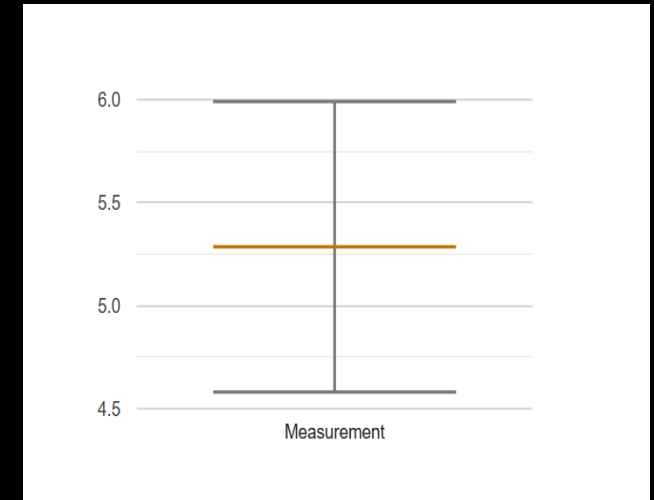
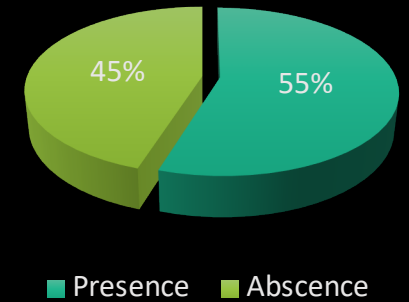
furcation involvement



Results: The average depth of the periodontal pockets among subjects was 3.98654 ± 0.25045 . From data, can be noted that average amount of the clinical loss of attachment was 5.28592 ± 0.70523 . According to this, it is observed that most of the subjects has a moderate form of periodontal disease. Presence of gingival recession is observed in 55% from the subjects. Furcation involvement was observed in 42.5% of the molar abutment teeth.

Conclusion: Based on the presented data, it can be concluded that there are significant changes on the abutment teeth among patients who have fixed prosthetic constructions.

gingival recession



CAL

- **Key words:** abutment teeth, furcation involvement, gingival recession, periodontal status, periodontitis