

INTRODUCTION

The alveolar ridge may be unsuitable for the making a functionally satisfactory dentures due to natural or acquired deformities. These include mandibular and palatal torus, tuber maxillae an overdeveloped alveolar ridge, undermined ridges, and acquired deformities due to tooth extractions, trauma and infection. There may also be changes in the soft tissues that may interfere with the making dentures in the form of mucosal hypertrophy or changes in the tongue. It is now estimated worldwide that 4-6% of patients require pre-prosthetic preparation, i.e. surgical intervention on the hard or soft tissues before prosthetic compensation is performed.

GOAL

To monitor the incidence of bone tissue anomalies in patients presented for prosthetic restorations and the need for pre-prosthetic surgery.

METHOD

Patients presented for mobile restorations at the Rakovica Health Center, Department of mobile prosthodontic office in 2021. After a thorough examination, some of them were sent to surgery, where surgery and additionally prosthetic restorations were performed.



RESULTS

There were 330 patients in total. Five patients were referred for pre-prosthetic surgery of the bone tissue. This represents a total of 1.5% of the patients studied. The most common reason for referral was a severe and undermined alveolar ridge and tuber in the maxilla. We have five patients who had exostoses that were significant and were not sent for surgery, but the assessment was that it was possible to do compensation with constant monitoring of the patient.



CONCLUSION

The most common changes in the tuber are bumps on the outside. These can be undermined, with or without fibromatosis. Other changes requiring treatment include torus palatinus, torus mandibulae, sharp edge in the area of the lower front. Some irregularities are often acquired because of tooth extractions. Our research was related to bone changes and showed that 1.5% of patients in Rakovica municipality need surgical intervention on bone tissue.

