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degree of the reduction, depending on the sex by analyzing percentage ratio of the first and second molar's crowns modules. So, after analyzing the results, it can be argued that the indicators module crowns of the men molars increase over women.

Conclusion. To sum everything up, we can make the following conclusions:

- 1) According to the odontometrical indexes of the size of the molar crowns, processes of reduction are more reflected in women's molars.
- 2) Sex differences of the crown sizes are especially defined on the second upper jaw and second lower jaw molars.
- 3) The citizens of Ternopil and Ternopil region relate to the South Europeoid ethnic group.

QUALITY EVALUATION OF CLINICAL APPLICATION OF ALL-CERAMIC INLAYS USED IN ORTHOPEDIC TREATMENT OF PATIENTS WITH DEFECTS OF DENTAL HARD TISSUES

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Introduction. Inlays, which are used for indirect restorations in orthopedic treatment of patients with congenital and acquired defects of dental hard tissues, contribute to the maximum preservation of healthy tooth tissues, restore reliable contact points and simulate their natural structure, have high strength and color fastness. The main evaluation criteria of clinical and technological quality of indirect restoration. They are: restoration of the anatomical shape of the tooth, the quality of the surface condition and the



quality of edge adhesion of the inlay. Experimentally determined the clinical benefit of different polishing systems in carrying out the final polishing of cement in the border "inlay – dental hard tissues" had been done. Discovered a clinical advantage of the system polishing burs of "SHOFU" against "Enhance®".

Scientific novelty: experimental determination of the clinical benefits of different polishing systems during finish polishing cement.

Purpose of the study: to improve the quality of orthopedic treatment of patients with defects of dental hard tissues by clinical evaluation as ceramic inlays, applied during orthopedic treatment of patients with defects of dental hard tissues, using different polishing systems.

Object and methods. To study the state of the hard tissue of teeth was conducted a comprehensive survey of 33 patients adults (16 men and 17 women) belonging to the group of "working age" (from 19 to 54 years) with defects filling cavities, as well as defects of hard tissues teeth. Distribution of patients was conducted in two groups: the first group carried 16 patients treated for finishing polishing fixing cement at the border " inlay – dental hard tissues " used the system «Enhance®» (DENTSPLY, USA). The second group consisted of 17 patients treated for finish polishing fixing cement used polishing burs (SHOFU INC, TF Hybrid TM Points Kit) and polishing brush with paste Profylaxpasta CCS (CCS, Tunavagen Borlange, Sweden), RD = 40.

Preparation of cavities carried out according to clinical requirements. In laboratory stages of ceramic used a lot of inlays «IPS e.max Press» (Ivoclar Vivadent, Liechtenstein). The full anatomical working and auxiliary impression taking procedure from upper and lower jaw denture foundation area by dental impression material of condensation type «Speedex» (Switzerland) had been done. For the permanent cementation of ceramic inlays the light- and dual-curing luting composite Variolink II (Ivoclar Vivadent, Liechtenstein) was used.



The polymerization of the composite cement was performed with the wireless 5W LED photo-polymerisation lamp Translux Power Blue (Heraeus Kulzer GmbH, Germany) followed by polishing one of the proposed polishing systems.

Results and discussion. Assessment of quality of indirect restorations, the state surrounding hard tissue of tooth was performed at 6, 12 and 24 months according the following criteria.

THE DEPENDENCE OF THE QUALITY OF LIFE OF PATIENTS WITH POSTTRAUMATIC DEFECTS OF THE UPPER JAW FROM ORTHOPEDIC TREATMENT

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Before dentists increases the urgency of the problem physical, emotional, psychological, social rehabilitation of patients with congenital, posttraumatic, postoperative defects and deformation of areas of the dentition, complicated by violation of the functions of respiration, speech, chewing, swallowing. The need of the population of Ukraine in prosthetics removable and non-removable structures are quite high and accounts for about 80%, and the level of satisfaction in various regions of Ukraine (22,0÷38,0)%, which is a prerequisite for the prevention of complications and improve the reliability, quality and increase in terms of clinical operation of structures materials for dentures. The frequency of gunshot wounds of the face in time of war is 5,19-10,7%, including the share of the ball accounts for 25%. In 68.3% of cases, they are accompanied by multisplintered fractures, 25.6% of the victims remain the disadvantages of bone structures and soft tissues (28,37%).