МИНИСТЕРСТВО ЗДРАВООХРАНЕНИЯ РЕСПУБЛИКИ УЗБЕКИСТАН

МИНИСТЕРСТВО ВЫСШЕГО ОБРАЗОВАНИЯ, НАУКИ И ИННОВАЦИЙ РУЗ

ТАШКЕНТСКИЙ ГОСУДАРСТВЕННЫЙ СТОМАТОЛОГИЧЕСКИЙ ИНСТИТУТ

VI МЕЖДУНАРОДНЫЙ КОНГРЕСС СТОМАТОЛОГОВ

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СБОРНИК ТЕЗИСОВ

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USING THE GARRISON DENTAL SOLUTION MATRIX SYSTEM THE COMPOSI-TIGHT 3D FOR BLACK CLASS II CAVITY RESTORATION

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The high prevalence of dental caries, the variety of forms, the development of prevention and treatment methods remain practically the most important problems of therapeutic dentistry. The quality of treatment of the pathology of hard tissues of the tooth, the frequency of occurrence of recurrent and secondary caries largely depend on the quality of the parietal fixation of the filling.

At the same time, the reports available in the literature indicate that high-quality fixation of the filling, the long-term functioning of the completed restoration are achieved with a preparation method that ensures the preparation of cavities in accordance with the size of the defect, while maintaining a stable tooth substance. The main shape of the resulting cavities and the configuration of the enamel margin should correspond to the characteristics of the filling material and the mechanism of its connection with the hard tissues of the tooth. The effectiveness of various retention elements in Black class II cavities was studied, depending on the chosen filling material. A method was developed and substantiated for the treatment of class II carious cavities using a pzrapulpal pin as a retention element. The proposed method has been tested in the clinic and compared with two alternative classical methods. At the same time, the advantage of the new method has been proved significantly :). An abstract three-dimensional model of a molar based on the finite element method was created to calculate the "tooth-filling" system. On natural teeth, by holographic interferometry, a picture of the movement of filling materials on the proximal surface of the tooth was obtained.

The purpose of the study: to experimentally prove the convenience of the Garrison matrix system for the restoration of class II cavities according to Black.

Objectives: Restoration of Class II cavities according to Black on extracted teeth, jaw models and in the oral cavity of patients using the Garrison matrix system.
Research materials and methods: Garrison matrix system, extracted teeth, methylene blue, jaw models, 10 patients.
The obtained results and conclusions: the creation of an adequate contact point, the absence of trauma to the gingival papilla, ease of setting and use without significant time costs due to the tight fit of the matrix and the unhindered introduction of the wedge. And also plastic interdental wedges do not interfere with the spread of the light flux during the polymerization of the material.

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OZONIZATION OF PERIODONTAL POCKETS IN CHRONIC GENERALIZED PERIODONTITIS OF THE MIDDLE DEGREE

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Periodontal disease is one of the most common complex pathologies worldwide. According to official data, intact periodontium occurs only in a small percentage, while inflammatory nature has been identified in more than 90% of the population aged 35 years and over. Pathologies of periodontal tissues arising from traumatic factors are found everywhere and with timely treatment, the disease can be eliminated. Therefore, the search for methods that will immediately have a positive