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REACTION THE PULP OF TOOTH ON OPERATION OF PREPARATION HARD TISSUE IN DURING TREATMENT BY FIXED DENTAL PROSTHESIS

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The changes which happen in hard tissue of teeth, pulp and paradont of vital teeth in response on operation are preparation on stages the treatment by fixed dental prosthesis in during analysis of data to indicated on changes with processes of odontoblast that located in dentins canal, with other cellular element of pulp, with elements of blood-vascular system and the nervous system. In addition to produce the data about influence the preparation on permeance of enamel and on formation the replacing dentin in dependence from volum of preparation hard tissue of teeth.

To indicate suddenly character of changes which to occur in hard tissue of teeth, pulp and to tie with maintenance of rules preparation. The irreversible changes to occur in application Єdryï preparation and used preparation without anaesthesia, the centre high-speed instruments, interrupted preparation, without antisepitize the operation area (stump of tooth).

Also, to mark the term pending which to happen this is pathologic changes and from to depend and suddenly to occur at a later date; to lead to necrosis or join the mechanism of restoration. This is changes to occur and at tissue of paradontum and the same to depend from number of factors which to indicated in paper of multiple research.

To indicated changes conclude in appearance the inflammation, infiltration, necrosis and destruction of odontoblast, destructive changes of
nerve ending, hyperaemia of blood vessels, edema, inflammation and like consequence are pulpitis.

To irritation the process of odontoblast on early period of preparation to insert the mechanism formation replacing dentin but in increase volume of preparation hard tissue of teeth this is process to suspend and then to full stop. To engaging the mechanism of formation replacing dentin and restoration the primary state of pulp to provide the multiple factors.

Many authors to observe pathological changes in first hours after preparation, second wave of this is changes was in 15 days and complete till 30 days. And only in 12 months was first feature reactions on preparation.

The defense reaction of paradontum to reveal in to organization of mechanical barrier.

Thereby, to draw the analysis of literary data to show that problem are keeping all tissue of tooth and paradontum has the actual meaning. The preparation with account of rules of preparation hard tissue of teeth - anaesthetic protection, forced water cooling and air cooling, sharp and centered instrument, fair speed of revolution and interrupted preparation has positive impact on tissue of teeth but don’t decide the task of prevention to development the distant complication of operation of preparation hard tissue of teeth.
Наукове видання

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