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POSTFILLING PAIN AS COMPLICATION AFTER TREATMENT WITH LIGHT-CURED COMPOSITE FILLING MATERIAL

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Introduction. The problem of postfilling pain is a common problem among dentists nowadays. Despite the fact that light-cured composite materials are improved annually, qualification of doctors increases and methods of dental treatment are developed, the problem of postfilling pain is still actual as one of the main cause of complication after direct restoration.

Aim of the study: to analyze the knowledge and opinions of dentists regarding causes of postfilling pain and methods of its prevention after working with light-cured composite material; to explore the appearance of postfilling pain after dental treatment in clinical research.

Materials and methods. The first part of the research was to conduct a survey of dentists about postfilling pain problem. The survey was conducted individually, the respondents were required to fill out the questionnaire themselves. The second part of the research was to carry out clinical research. The object of the study was complications after the treatment of middle caries with light-cured composite filling materials.

Results. The level of knowledge of dentists about the causes of postfilling pain after using light-cured composite filling materials is insufficient. Successful clinical results in tooth restoration with light-cured composite filling material is provided by following the rules of work with adhesive system and restorative material, by keeping a certain sequence of actions (algorithm), by professional occlusal reduction.

Conclusion. Dentists need constant effective correction of knowledge, learning new methods in accordance with the recommendations of the manufacturers and technologies of work with light-cured composite materials to prevent the appearance of postfilling pain in professional practice.