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**COMPARATIVE EVALUATION OF THE APPLICATION OF CALCIUM HYDROXIDE AND MATERIAL ON THE BASIS OF MINERAL TRIOXIDE OF THE BIO-DENT UNIT IN THE TREATMENT OF DEEP CARIES WITH TEMPORARY TEETH WITH LOW INVASIVE METHODS**

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**ABSTRACT**

*The aim of the work was to evaluate the comparative clinical efficacy of the use of a material based on calcium hydroxide, which has successfully proven itself in pediatric dental practice, and the innovative material "Bio-Dent" (DentalsPfarma), the experience of which is limited in the treatment of deep caries of deciduous teeth using minimally invasive methods. Clinical studies were carried out on the basis of the Department of Hospital and Clinical Dentistry at the Children's Regional Dental Clinic in Andijan. The basis for the clinical analysis was the data obtained during the examination and treatment of 52 somatically healthy children 4 - 5 years of age with a compensated form of caries. Summarizing the results of the studies, it was concluded that the use of the "Bio-Dent" material in the teeth of temporary occlusion is the most effective and promising in the treatment of deep caries while maintaining the vitality of the pulp.*

**KEYWORDS:** *Children, Temporary Teeth, Deep Caries, Calcium Hydroxide, "Bio-Dent"*

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