

# OPTIMIZATION OF THE DIAGNOSIS AND TREATMENT OF SEPSIS BY PRESEPSIN AND PROCALCITONIN IN YOUNG CHILDREN IN THE REPUBLIC OF UZBEKISTAN (REVIEW)

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## ABSTRACT

Early diagnosis of sepsis allows you to make a diagnosis on time, correctly assess the condition of young children, and start timely treatment. The article analyzes the diagnostic potential of new presepsin. When monitoring sepsis, presepsin unlike other markers, it reliably reflects the real dynamics of its severity, quickly and adequately changes depending on the effectiveness of therapy, predicts relapses of sepsis after remission, when the clinical signs of sepsis and procalcitonin levels normalize. With surgical pathology, injuries and burns in the absence of an infection, presepsin does not increase. A review of the results of international and domestic studies suggests that presepsin is an effective method for the early diagnosis and monitoring of systemic infections of young children.

**Keywords:** Young children, presepsin, procalcitonin, intrauterine infection, early sepsis, C systemic infection, sepsis, diagnostics.