

COMPREHENSIVE APPROACH TO THE SEVERITY ASSESSMENT OF DIABETIC KETOACIDOSIS AMONG CHILDREN

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The observation group has been made up of 84 children with different diabetic ketoacidosis (DKA) severity. The main clinical results have been assessed. The levels of β -hydroxy-butyric acid in capillary blood have been tested on arrival at hospital. The dependence of ketonaemia values on ketoacidosis severity has been shown. The correlation analysis has been performed between clinical findings and laboratory results. The levels of β -hydroxy-butyric acid in capillary blood show statistically authentic ($p < 0,05$) correlation with the main severity-determining clinical and laboratory results in cases of different DKA severity.

Key words: type I diabetes, diabetic ketoacidosis, glycemia, ketonaemia, osmolarity.

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