Serum Levels of Neuron-Specific Enolase in Children With Diabetic Ketoacidosis

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Abstract:

Neuron-specific enolase is a sensitive marker of neuronal damage in various neurologic disorders. This study aimed to measure serum neuron-specific enolase levels at different time points and severities of diabetic ketoacidosis. This study included 90 children (age 9.2 ± 3.4 years) with diabetic ketoacidosis. Neuron-specific enolase was measured at 3 time points (baseline and after 12 and 24 hours of starting treatment). Among patients, 74.4% had diagnosis of new diabetes, 60% had Glasgow Coma Scale score

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