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A young doctor interested in pediatric endocrinology and diabetology, assistant in pediatric department, recently published author

A case of cerebral edema in a child with diabetic ketoacidosis- one center experience.

In the last 20 years, there were around 700 children admitted to our department with a new onset of type 1 diabetes mellitus, 30% in diabetic ketoacidosis (DKA). Severe DKA was observed in about 5% of patients. Cerebral edema is one of the most serious complications of DKA. It developed in 0,5 % of our pediatric patients. A 3-year-old boy was referred to tertiary center with DKA. The delay in the diagnostics contributed to development of diabetic coma with respiratory failure. The complications of cerebral edema included ischemic stroke and hydrocephalus. After initial treatment in ICU, the patient was referred to the endocrinological unit, where the personal insulin pump therapy was introduced. Within a few years of observation in out-patient clinic, he reached good glycemic control.