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Age at DKA onset, gender, BMI, duration, type of diabetes (type 1 or 2), and DKA treatment were collected from the Finnish National Diabetes Registry. DKA tre

Tays during person-time were divided to determine the overall incidence of DKA in Finland. The incidence of DKA was calculated as the number of DKA events per 1000 person-years.

From the pilot version of the Finnish National Diabetes Registry, three controls for each DKA patient were collected [5]. These controls



A retrospective, descriptive case-control study was conducted at the Helsinki University Hospital (HUS) in Finland. The study included patients with a first episode of DKA between 2007 and 2014. Controls were selected from the Finnish National Diabetes Registry.

Goldman J (2023) Ketoalkalosis in Diabetics: A Diabetic Ketoacidosis Alkalemic Variant Commonly Overlooked in Relation to Mixed Acid-Base Disorders. *J Obes Metab* 6: 155.

there was insufficient information regarding diabetic complications; However, autonomic dysfunction was present in both of our patients, indicating either poor glycemic control or prolonged disease duration. Although only four of the patients, including ours, had their HbA1c measured, all of them had HbA1cs greater than 10%, indicating poor glycemic control and the possibility of delayed gastric emptying.

All of the patients in this case report had alkalemia upon admission. However, in order to avoid underdiagnosing metabolic acidosis, particularly DKA, clinicians must obtain arterial blood gas and calculate AG. Patients run the risk of developing unnecessarily complicated conditions if the presence of DKA is not detected promptly, delaying the necessary treatment [10]. The treatment of DKA with alkalemia is the same as for pure DKA: DKA can be treated with intravenous insulin and enough fluid replacement, and nausea and vomiting go away in a few days.

In conclusion, our case report revealed that DKA with alkalemia can occur in poorly controlled diabetics with an HbA1c of more than 10%. With alkalemia, autonomic neuropathy appeared to accelerate DKA and predicted additional admissions.

None

None

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