Incidence of hospitalization for hypoglycemia decreasing

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(HealthDay)—For patients with type 1 diabetes, the incidence of

hospitalization for hypoglycemia (HH) decreased over time in Denmark, with an 8.4 percent annual decrease, according to a study published online Nov. 29 in *Diabetes Care*.

Kazi Ishtiak-Ahmed, from the Steno Diabetes Center in Gentofte, Denmark, and colleagues used data for 17,230 patients with type 1 diabetes registered in the Danish Adult Diabetes Database from 2006 to examine nationwide incidence trends and predictors of HH. Patients were followed to 2012 (mean follow-up, 3.7 years).

The researchers found that there were 2,369 HH events among 1,735 patients with type 1 diabetes during 70,002 patient-years. With calendar time, there was a decrease in incidence rate, with an 8.4 percent annual decrease. Previous HH, age, diabetes duration, albuminuria, and glycated hemoglobin were predictors of HH.

"This study revealed a decreasing trend in incidence of HH in patients with type 1 diabetes," the authors write. "Previous HH, longer diabetes duration, macro-albuminuria, and HbA1c were associated with increased risk of HH in type 1 diabetes, and attention to those factors is warranted in both clinical and public health aspects."

Steno Diabetes Center is a hospital owned by Novo Nordisk; several authors disclosed financial ties to Novo Nordisk and other pharmaceutical companies.

More information: Full Text (subscription or payment may be required)

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