**Decreasing Trends in Mean HbA1c Are Not Associated with Increasing Rates of Severe Hypoglycemia in Children: A Longitudinal Analysis of Two Contemporary Population-Based Pediatric Type 1 Diabetes Registries from Australia and Germany/Austria Between 1995 and 2016**

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Diabetes patient registries are helpful to researchers in collating data to make useful observations for further proposals, as was done in this study.

The aim of this project was to investigate temporal trends in glycaemic control and severe hypoglycaemia rates for paediatric patients with type 1 diabetes. This project interpreted data from population-based German/Austrian and Western Australian diabetes registries between 1995 and 2016.

Findings show that over the past two decades, there have been concurrent improvements in HbA1c and decreasing severe hypoglycaemia rates in the two contemporary, longitudinal, population-based paediatric cohorts of type 1 diabetes.

Translating these findings into clinical practice and patient education may reduce fear of hypoglycaemia and enable better glycaemic control.