**Longitudinal Trajectories of BMI Z-Score: An International Comparison of 11,513 Australian, American and German/Austrian/Luxembourgian Youth with Type 1 Diabetes.**

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Data on individual change in BMI from childhood to young adulthood are limited in youth with type 1 diabetes.

This multinational study compared the longitudinal trajectories of body mass index z score (BMIz) from childhood to adolescence of 11,513 youth with type 1 diabetes.

The study presents unique BMIz trajectories in youth with T1D across three continents. Both the prevalence and the longitudinal persistence of overweight youth with type 1 diabetes supports the need for close monitoring of weight and nutrition in this population.