

# Higher weight in first year may up risk of islet autoimmunity

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(HealthDay)—Development of islet autoimmunity and multiple islet

autoantibodies appears to be related to weight z-scores at age 12 months, according to a study published online March 23 in *Diabetes*.

Helena Elding Larsson, M.D., Ph.D., from Lund University in Malmö, Sweden, and colleagues examined the correlation between weight, height, and development of persistent islet autoimmunity and progression to type 1 diabetes during the first four years of life. The correlations were examined in a cohort of 7,468 children at [genetic risk](#) of type 1 diabetes.

The researchers found that development of islet autoimmunity correlated with weight z-scores at 12 months (hazard ratio, 1.16 per 1.14 kg in males or per 1.02 kg in females; P diabetes).

"In conclusion, greater [weight](#) in the first years of life was associated with an increased risk of [development](#) of islet autoimmunity," the authors write.

**More information:** [Abstract](#)  
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