

Pediatric T1DM medication adherence drops on weekends, holidays

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(HealthDay)—For children with type 1 diabetes, medication adherence

is lower during school holidays and on weekends, according to a study recently published in the *Archives of Disease in Childhood*.

Catherine Leggett, from Women's and Children's Hospital in North Adelaide, Australia, and colleagues randomly assigned 90 children with type 1 diabetes (mean age, 13.6 years) to electronic monitoring of [medication adherence](#) to either metformin (45 patients) or placebo (45 patients) over 12 months. Tablet count was evaluated at three, six, and 12 months.

The researchers found that adherence was reduced during [school holidays](#) (adjusted odds ratio [aOR], 0.81; 95 percent confidence interval [CI], 0.72 to 0.91; P

"Clinicians should be alert to this temporal trend when managing children with [chronic conditions](#) and develop targeted strategies to enhance adherence during vulnerable periods in these [children](#), improving overall quality of health care," the authors write.

More information: [Abstract/Full Text \(subscription or payment may be required\)](#)

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