

Prevalence of metformin use 0.7 percent in prediabetes

7 April 2017



There was no variation in metformin use by race, poverty-to-income ratio, or education.

"Metformin use was

(HealthDay)—For U.S. adults with prediabetes, the prevalence of metformin use is 0.7 percent, according to a study published online April 3 in *Diabetes Care*.

Eva Tseng, M.D., from Johns Hopkins University in Baltimore, and colleagues estimated the age-adjusted prevalence of [metformin](#) use among individuals with prediabetes and examined characteristics associated with metformin use using data from the National Health and Nutrition Examination Survey 2005 to 2012.

The researchers found that 7,652 of 22,174 adults had prediabetes. Among those with prediabetes, the age-adjusted prevalence of metformin use was 0.7 percent. Metformin use correlated with elevated body mass index (BMI) (35.1 versus 29.6 kg/m²) and with higher glucose (fasting glucose, 114 versus 105 mg/dL; two-hour post-stimulated glucose, 155 versus 128 mg/dL; and hemoglobin A1c, 6.0 versus 5.6 percent). Even among those with a BMI \geq 35 kg/m², metformin use was low.

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