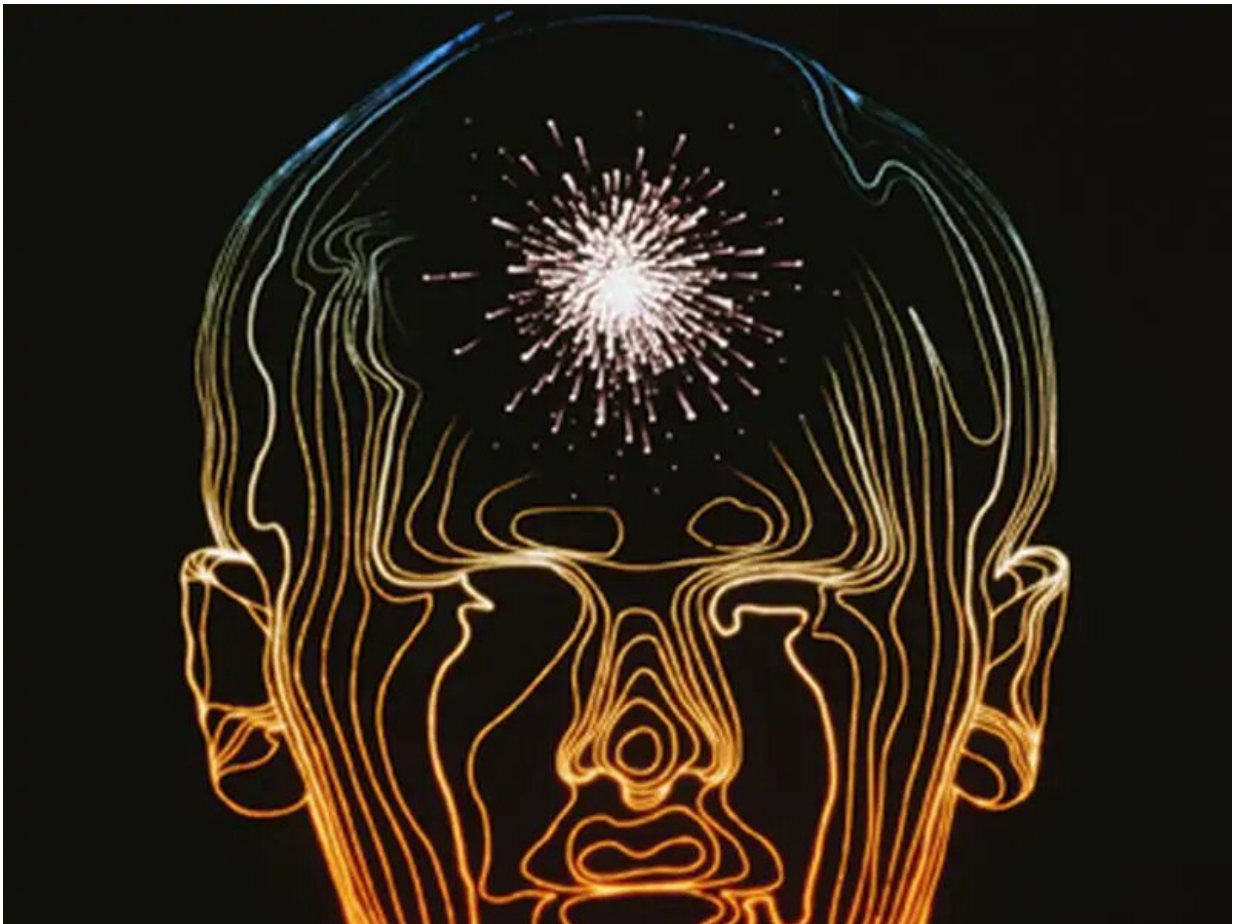


# Incidence of Parkinson disease increased in bipolar disorder

May 23 2019

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(HealthDay)—Patients with bipolar disorder (BD) have an increased

incidence of Parkinson disease (PD), according to a study published online May 22 in *Neurology*.

Mao-Hsuan Huang, M.D., from Taipei Veterans General Hospital in Taiwan, and colleagues examined 56,340 patients with BD and 225,360 age-and sex-matched controls between 2001 and 2009 using the Taiwan National Health Insurance Research Database. Patients were followed up to the end of 2011, and those who developed PD were identified.

The researchers found that during follow-up, the incidence of PD was higher among patients with BD than among controls (0.7 versus 0.1 percent). After adjustment for [demographic data](#) and medical comorbid conditions, patients with BD were more likely than controls to develop PD (hazard ratio, 6.78). After exclusion of the first year or first three years of observation, the findings were consistent (hazard ratios, 5.82 and 4.42, respectively). The risk for developing PD was increased in association with a high frequency of psychiatric admission for manic/mixed and [depressive episodes](#).

"Medical practitioners should be aware that the risk of subsequent PD should be particularly considered in patients with BD, especially those with multiple psychiatric admissions for mood episodes," the authors write.

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