Dizziness inPparkinson's may be due to cerebral hypoperfusion

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(HealthDay)—Cerebral hypoperfusion contributes to dizziness in patients with Parkinson's disease (PD), even without orthostatic hypotension (OH), according to a study published online April 12 in the *Journal of Clinical Ultrasound*.

Jinse Park, M.D., from Inje University in Busan, South Korea, and colleagues conducted transcranial Doppler and blood pressure monitoring for 10 minutes during the head-up tilt test in PD patients with dizziness and OH (22 patients; group 1), PD patients with dizziness but no OH (23; group 2), PD patients without dizziness (11; group 3), and age-matched healthy controls (10; group 4).

The researchers found that group 1 showed a significantly higher change in mean blood pressure within three minutes after head-up tilting, compared to the other groups (P middle cerebral artery than groups 1 and 2 (P

"Transcranial Doppler monitoring during head-up tilting may be a useful tool for evaluating dizziness in PD patients with or without OH," the authors write.

More information: Abstract
Full Text (subscription or payment may be required)