

Cognitive symptoms common with post-COVID-19 condition, study finds

February 16 2024, by Elana Gotkine



For individuals with post-COVID-19 condition, cognitive symptoms are common, according to a [study](#) published online Feb. 14 in *JAMA Network Open*.

Abhishek Jaywant, Ph.D., from Weill Cornell Medicine in New York City, and colleagues examined the prevalence of self-reported [cognitive symptoms](#) in post-COVID-19 condition compared to individuals with prior acute severe acute respiratory syndrome coronavirus 2 infection who did not develop post-COVID-19 condition. Data were included for 14,767 individuals reporting test-confirmed COVID-19 illness at least two months before completing an internet survey.

The researchers found that 56.7 percent of the 1,683 individuals reporting post-COVID-19 condition and 27.1 percent of those who did not report post-COVID-19 condition reported at least one cognitive symptom experienced daily. More daily cognitive symptoms were associated with increased odds of at least moderate interference with functioning (adjusted odds ratio, 1.30), reduced odds of full-time employment (adjusted odds ratio, 0.92), and greater severity of depression symptoms (adjusted coefficient, 1.27).

Associations were also seen for cognitive symptoms and at least moderate interference with everyday functioning and lower odds of full-time employment after including [depressive symptoms](#) in regression models (adjusted odds ratios, 1.27 and 0.92, respectively).

"In light of their marked association with poorer functioning and [quality of life](#), these symptoms represent important targets for assessment and identifying scalable interventions to remediate cognitive dysfunction in post-COVID-19 condition," the authors write.

More information: Abhishek Jaywant et al, Cognitive Symptoms of Post-COVID-19 Condition and Daily Functioning, *JAMA Network Open* (2024). [DOI: 10.1001/jamanetworkopen.2023.56098](https://doi.org/10.1001/jamanetworkopen.2023.56098)

Copyright © 2024 [HealthDay](#). All rights reserved.

Citation: Cognitive symptoms common with post-COVID-19 condition, study finds (2024, February 16) retrieved 12 May 2024 from <https://medicalxpress.com/news/2024-02-cognitive-symptoms-common-covid-condition.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.