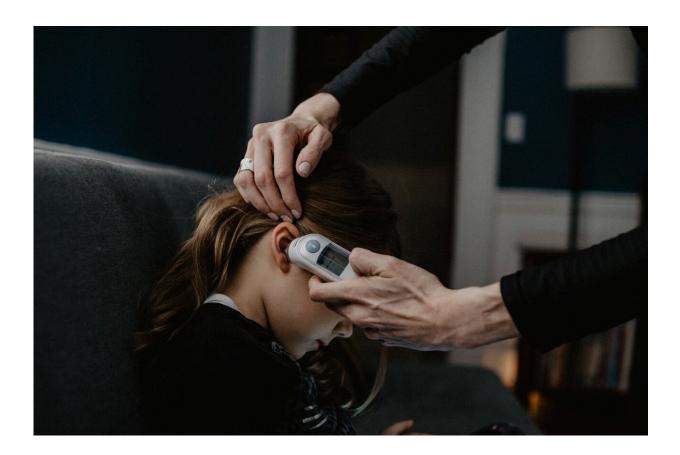


Long-term physical and mental health outcomes after COVID-19 occur in all ages

November 10 2022



Researchers find long-term physical and mental health outcomes after COVID-19 occur in all ages. Credit: Kelly Sikkema, Unsplash (CC0, creativecommons.org/publicdomain/zero/1.0/)

Following COVID-19 infection, there is significant new onset morbidity



in children, adolescents and adults across 13 distinct diagnosis and symptom complexes, according to a new study publishing November 10 in the open access journal *PLOS Medicine* by Martin Roessler of Technische Universität Dresden, Germany, and colleagues.

Studies have established that some people infected with COVID-19 suffer long-term health problems following the acute phase of the disease. However, evidence on post-acute (post-COVID-19) syndrome is still limited, especially for children and <u>adolescents</u>.

In the new study, using a health care dataset covering nearly half the German population and spanning all of 2019 and 2020, researchers identified patients with a <u>polymerase chain reaction</u> (PCR)-confirmed diagnosis of COVID-19.

They then compared the occurrence of pre-specified diagnoses, entered into the <u>medical record</u> at least three months post-infection, in these patients (11,950 children and adolescent and 145,184 <u>adults</u>) to a control cohort of more than 750,000 individuals with matched age, sex and pre-existing <u>medical conditions</u>, without PCR-confirmed COVID-19.

Overall, children and adolescents who had been infected with COVID-19 were 30% more likely than controls to have documented health problems beginning three months or more after infection (436.91 vs 335.98 per 1,000 person-years, IRR=1.30, 95% CI=1.25–1.35, p

Citation: Long-term physical and mental health outcomes after COVID-19 occur in all ages (2022, November 10) retrieved 26 April 2024 from <u>https://medicalxpress.com/news/2022-11-long-term-physical-mental-health-outcomes.html</u>

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.