

Prevalence of certain bacterial coinfections low for young COVID-19-positive febrile infants

May 12 2023, by Elana Gotkine



Febrile infants aged 8 to 60 days old who test positive for severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) have a low prevalence of urinary tract infection (UTI), bacteremia, and bacterial meningitis, according to a study published online May 12 in *JAMA Network Open*.

Paul L. Aronson, M.D., from the Yale School of Medicine in New Haven, Connecticut, and colleagues describe the prevalence of UTI, bacteremia, and [bacterial meningitis](#) among febrile infants aged 8 to 60 days with versus without SARS-CoV-2 in a multicenter cross-sectional study conducted at 106 hospitals in the United States and Canada. Data were included for 14,402 febrile infants, aged 8 to 60 days, with SARS-CoV-2 testing (26.1 percent tested positive).

The researchers found that a lower proportion of infants who tested positive for SARS-CoV-2 compared with those who tested negative had UTI (0.8 versus 7.6 percent), bacteremia without meningitis (0.2 versus 2.1 percent), and bacterial meningitis (

Citation: Prevalence of certain bacterial coinfections low for young COVID-19-positive febrile infants (2023, May 12) retrieved 5 May 2024 from <https://medicalxpress.com/news/2023-05-prevalence-bacterial-coinfections-young-covid-positive.html>

<p>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.</p>
--