

Different outcomes by race/ethnicity among patients with COVID-19 and rheumatic disease

November 4 2020

Among U.S. patients with rheumatic disease and COVID-19, racial/ethnic minorities had higher risks of needing to be hospitalized and put on ventilators. The findings come from an analysis published in *Arthritis & Rheumatology*.

The analysis included data on all U.S. patients with rheumatic disease and COVID-19 entered into the COVID-19 Global Rheumatology Alliance physician registry from March 24 to August 26, 2020. A total of 1,324 patients were included, of whom 36% were hospitalized and 6% died; 26% of hospitalized patients required mechanical ventilation.

Compared with white patients, Black, Latinx, and Asian patients had 2.74-, 1.71-, and 2.69-times higher odds, respectively, of being hospitalized. Latinx patients also had three-fold increased odds of requiring [mechanical ventilation](#). No differences in mortality based on race/ethnicity were found.

"Similar to the [general population](#), Black, Latinx, and Asian individuals with [rheumatic diseases](#) are more likely to experience severe outcomes of COVID-19. These data suggest that the current pandemic will further exacerbate the health disparities that already exist for many patients with rheumatic disease," said senior author Jinoos Yazdany, MD, MPH, of the University of California, San Francisco.

More information: Milena A. Gianfrancesco et al, Race/ethnicity association with COVID-19 outcomes in rheumatic disease: Data from the COVID-19 Global Rheumatology Alliance Physician Registry, *Arthritis & Rheumatology* (2020). [DOI: 10.1002/art.41567](https://doi.org/10.1002/art.41567)

Provided by Wiley

Citation: Different outcomes by race/ethnicity among patients with COVID-19 and rheumatic disease (2020, November 4) retrieved 5 May 2024 from <https://medicalxpress.com/news/2020-11-outcomes-raceethnicity-patients-covid-rheumatic.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>
--