

Nearly 72% of Black patients with gynecologic cancer and COVID-19 were hospitalized, compared with 46% of non-Blacks

December 9 2020



Credit: CC0 Public Domain

Among patients in New York City with gynecologic cancer and COVID-19, Black patients younger than 65 years of age were five times

more likely to require hospitalization than non-Blacks in the same age group. Even though Black patients with gynecologic cancer represented only one-third of patients in this study, they accounted for 41 percent of deaths due to COVID-19 when compared with non-Black patients. These findings are published in *CANCER*, a peer-reviewed journal of the American Cancer Society.

In the study of 193 patients treated at eight New York City hospitals, 71.6 percent of Black patients required hospitalization, compared with 46.0 percent of non-Black patients. Of the 34 patients (17.6 percent) who died from COVID-19, 14 (41.2 percent) of the patients were Black. Investigators found that the disparities in COVID-19 severity were driven by a higher prevalence of comorbidities among Black patients rather than aspects related to cancer or its treatment.

"The underlying causes of racial disparities are multifactorial and include limited access to healthcare, social determinants of health, racism, and discrimination. The COVID-19 pandemic has only heightened these and brought awareness," said senior author Bhavana Pothuri, MD, MS, of NYU Langone Health. "It is critical we learn from this and address these longstanding differences in health outcomes among Black [patients](#) not just in gynecologic cancer, but across all disciplines."

More information: [DOI: 10.1002/cncr.33335](https://doi.org/10.1002/cncr.33335)

Provided by Wiley

Citation: Nearly 72% of Black patients with gynecologic cancer and COVID-19 were hospitalized, compared with 46% of non-Blacks (2020, December 9) retrieved 7 May 2023 from <https://medicalxpress.com/news/2020-12-black-patients-gynecologic-cancer-covid-.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.