

Complication rate after bariatric surgery higher for black patients

March 7 2019



(HealthDay)—Black patients have higher rates of 30-day complications

and resource use than white patients after bariatric surgery, according to a study published online March 6 in *JAMA Surgery*.

Michael H. Wood, M.D., from Harper University Hospital and Wayne State University in Detroit, and colleagues examined the effect of race on perioperative and one-year outcomes of bariatric surgery in a [propensity score](#)-matched cohort of black and white patients (7,105 in each group).

The researchers found that the rate of any 30-day complication was higher for [black patients](#) (8.8 versus 6.8 percent; adjusted odds ratio, 1.33); rates of serious complications and mortality did not differ significantly between the groups. Black patients had a longer length of stay (mean, 2.2 versus 1.9 days; adjusted odds ratio, 0.30) and an increased rate of emergency department visits (11.6 versus 7.6 percent; adjusted odds ratio, 1.60) and readmissions (5.8 versus 3.5 percent; adjusted odds ratio, 1.73). Black patients had lower mean total body weight loss at one year (32.0 kg [26.0 percent] versus 38.3 kg [29 percent]). At one year, fewer black than [white patients](#) reported a good or very good quality of life (87.2 versus 90.4 percent) and being satisfied with the surgery (78.4 versus 84.2 percent).

"Racial and [cultural differences](#) among patients should be considered when designing strategies to optimize outcomes with [bariatric surgery](#)," the authors write.

Several authors disclosed financial ties to Blue Cross Blue Shield Michigan/Blue Care Network.

More information: [Abstract/Full Text \(subscription or payment may be required\)](#)
[Editorial \(subscription or payment may be required\)](#)

Copyright © 2019 [HealthDay](#). All rights reserved.

Citation: Complication rate after bariatric surgery higher for black patients (2019, March 7)
retrieved 19 December 2023 from

<https://medicalxpress.com/news/2019-03-complication-bariatric-surgery-higher-black.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>
--