

Few racial differences in peds anesthesia meds administration

August 17 2017



(HealthDay)—There does not appear to be significant racial differences

in preoperative or intraoperative medication administration for children undergoing emergency appendectomies, according to a study published online Aug. 10 in *Pediatric Anesthesia*.

Julia M. Rosenbloom, M.D., from Massachusetts General Hospital in Boston, and colleagues retrospectively reviewed medications administered to patients for emergency appendectomies (preoperative midazolam; intraoperative ondansetron, lidocaine, and ketorolac; and weight-based doses of fentanyl and morphine) at a large academic [children's](#) hospital (2010 to 2015).

Of the 1,680 patients, 1,329 were white and 351 were black. The researchers found that for intraoperative anesthetic medications there were no significant racial differences in administration. In unadjusted analysis, black children were less likely to receive preoperative midazolam, compared to white children (odds ratio, 0.74; P = 0.012). However, after adjusting for confounders, there were no [racial differences](#) in administration of preoperative or intraoperative medications.

"We did not find a significant difference in preoperative or intraoperative [medication administration](#) based on race when we adjusted for age, gender, and attending anesthesiologist practice patterns," the authors write. "We encourage all institutions to monitor their own practice patterns with regard to race."

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

Copyright © 2017 [HealthDay](#). All rights reserved.

Citation: Few racial differences in peds anesthesia meds administration (2017, August 17)

retrieved 19 April 2024 from

<https://medicalxpress.com/news/2017-08-racial-differences-peds-anesthesia-meds.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.