

# Coronavirus-infected patients needing emergency surgery: Anesthesia standards

16 March 2020



Procedure of Emergency Operation for Patients with Suspected or Confirmed COVID-19." The authors discuss the need for a negative pressure operating room, protection for the anesthesiologists, and special requirements for the anesthetic equipment, appliances, and drugs used. They describe the induction of anesthesia and the mechanical ventilation strategy during anesthesia maintenance to reduce ventilator-related [lung injury](#).

"Avoiding airborne droplets from infected [patients](#) that are being ventilated is important to avoid transmission of these infections to OR personnel and other patients receiving care in the OR," says Surgical Infections Editor-in-Chief Donald E. Fry, MD, Northwestern University Feinberg School of Medicine, Chicago, IL.

**More information:** Xianjie Wen et al, Anesthesia Procedure of Emergency Operation for Patients with Suspected or Confirmed COVID-19, *Surgical Infections* (2020). [DOI: 10.1089/sur.2020.040](https://doi.org/10.1089/sur.2020.040)

Provided by Mary Ann Liebert, Inc

Comprehensive and authoritative peer-reviewed journal dedicated to the biology, prevention, and management of post-operative infections Credit: Mary Ann Liebert, Inc., publishers

Physicians describe the standardized procedure of surgical anesthesia for patients with COVID-19 infection requiring emergency surgery to minimize the risk of virus spread and reduce lung injury in a Letter to the Editor published in *Surgical Infections*.

Xianjie Wen and Yiqun Li, the First Affiliated Hospital of Jinan University, Guangzhou, and the Second People's Hospital of Foshan City, China, coauthored the letter entitled "Anesthesia

APA citation: Coronavirus-infected patients needing emergency surgery: Anesthesia standards (2020, March 16) retrieved 18 November 2022 from <https://medicalxpress.com/news/2020-03-coronavirus-infected-patients-emergency-surgery-anesthesia.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.*