

# Mortality higher for diabetic ketoacidosis with COVID-19

March 16 2021

---



(HealthDay)—Patients with diabetic ketoacidosis (DKA) with

COVID-19 have a much higher rate of mortality than patients without COVID-19, according to a research letter published online March 10 in *JAMA Network Open*.

Francisco J. Pasquel, M.D., from the Emory University School of Medicine in Atlanta, and colleagues used individual-level inpatient data from 175 U.S. hospitals (17 states; Feb. 1 to Sept. 15, 2020) to examine severity markers of DKA, insulin requirements, complications, and in-hospital case fatality in 5,029 patients treated with the same computerized continuous insulin infusion (CII) algorithm with and without COVID-19.

The researchers found that 4 percent of patients (210 patients) were positive for COVID-19. Those with COVID-19 were older and had a higher body mass index compared with patients without COVID-19. Older patients with COVID-19 (>65 years) were more likely to have [cardiovascular disease](#) and diabetes complications than younger patients with COVID-19 (

Citation: Mortality higher for diabetic ketoacidosis with COVID-19 (2021, March 16) retrieved 26 April 2024 from <https://medicalxpress.com/news/2021-03-mortality-higher-diabetic-ketoacidosis-covid-.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>
--