

As cases surge, 3 in 4 US hospitals already facing COVID-19

April 7 2020, by Ricardo Alonso-Zaldivar



In this April 2, 2020, file photo a nurse holds a vial and a swab at a drive-up coronavirus testing station at a hospital in Seattle. A federal report due out Monday, April 6, finds that three out of four U.S. hospitals surveyed are already treating patients with confirmed or suspected COVID-19. (AP Photo/Ted S. Warren, File)

Three out of four U.S. hospitals surveyed are already treating patients with confirmed or suspected COVID-19, according to a federal report that finds hospitals expect to be overwhelmed as cases rocket toward their projected peak.

A report Monday from a federal watchdog agency warns that different, widely reported problems are feeding off each other in a vicious cycle. Such problems include insufficient tests, slow results, scarcity of protective gear, the shortage of breathing machines for seriously ill [patients](#) and burned-out staffs anxious for their own safety.

"There's this sort of domino effect," said Ann Maxwell, an assistant inspector general at the Department of Health and Human Services. "These challenges play off each other and exacerbate the situation. There's a cascade effect."

The inspector general's report is based on a telephone survey of 323 hospitals around the country, from March 23-27. With hundreds of new coronavirus cases daily, the situation is becoming more dire for many the nation's 6,000 hospitals. Others can still scramble to prepare.

"Hospitals reported that their most significant challenges centered on testing and caring for patients with known or suspected COVID-19, and keeping staff safe," the report concluded.



Hospital workers appear at a staff entrance as motorcyclists and friends of Chad Edmonds, of Cedar Rapids, wave from a parking ramp on the UnityPoint St. Luke's campus in Cedar Rapids, Iowa, on Sunday, April 5, 2020. Edmonds has been battling COVID-19, the disease caused by the new coronavirus, in the hospital and is in an induced coma, according to his parents, who took part in the show of support. (Rebecca F. Miller/The Gazette via AP)

"It's likely that every [hospital](#) in America is going to have to deal with this," Maxwell said.

In most people, the coronavirus causes mild to moderate symptoms. Others, particularly older people and those with underlying health issues, can develop life-threatening breathing problems. The U.S. has more diagnosed cases in the global pandemic than any other country,

according to figures compiled by Johns Hopkins University. Projections show the nation will see the peak impact later this month.

Maxwell said the key insight from the report is that different problems—usually addressed individually—are building on each other to entangle the whole system.

For example, a lack of testing and slow results means hospitals must keep patients with unconfirmed coronavirus disease longer.

That takes up precious beds and uses up protective equipment like gowns, masks and face shields, since doctors and nurses have to assume that patients with symptoms of respiratory distress may be positive.



Piedmont Athens Regional Medical Center health care professionals stand and wave from the sidewalk at the Caravan of Care as it parades around the hospital in Athens, Ga., Sunday, April 5, 2020. The Caravan was organized to show support for the community's health care professionals who are battling the coronavirus pandemic. (Joshua L. Jones/Athens Banner-Herald via AP)

The increased workload raises the stress on clinical staff, who are also concerned they may be unable to properly protect themselves.

"Health care workers feel like they're at war right now," a hospital administrator in New York City told the inspector general's investigators. They "are seeing people in their 30s, 40s, 50s dying. ... This takes a large emotional toll." The inspector general's office did not identify survey respondents due to privacy concerns.

Overtime hours and increased use of supplies are raising costs at the same time that many hospitals experience a revenue crunch because elective surgeries have been canceled. The recently passed federal stimulus bill pumps money to hospitals.

"It is in fact a national challenge, not just from the hot spots, but from all over the country," Maxwell said. Rural hospitals are vulnerable because of a limited number of beds and smaller staffs.

Of the 323 hospitals in the survey, 117 reported they were treating one or more patients with confirmed COVID-19, while 130 said they were treating one or more patients suspected to have the disease. Suspected infections are treated similarly, because of the uncertainties around testing. Only 32 hospitals said they were not treating any patients with confirmed or suspected COVID-19. Another 44 hospitals did not provide that information.



An emergency room nurse dons her face protectors after taking a break in a driveway for ambulances and emergency medical services vehicles outside Brooklyn Hospital Center's emergency room, Sunday, April 5, 2020, in New York, during the coronavirus crisis. (AP Photo/Kathy Willens)

"Hospitals anticipated being overwhelmed by a surge in COVID-19 patients, who would need specialty beds and isolation areas for effective treatment," the report said.

Trade groups representing hospitals said Monday that more problems are emerging in the care of COVID-19 patients.

"We are finding that their lengths of stay are much longer than

comparable illnesses like pneumonia and flu, and they are requiring a lot of drugs," said Chip Kahn, president of the Federation of American Hospitals.

Rick Pollack, president of the American Hospital Association, said there are also shortages of critical drugs that are normally used to help patients being treated on breathing machines called ventilators.

Parts of Europe provide a glimpse of what hospitals in the U.S. are trying to avoid. The AP reported last week that some European nations are throwing together makeshift hospitals and shipping [coronavirus](#) patients out of overwhelmed cities via high-speed trains and military jets. In Spain, doctors are having to make agonizing decisions about who gets the best care. In the U.S., two Navy hospital ships have been deployed and field hospitals erected.



A sign acknowledging the work of doctors and nurses is posted on a traffic control box outside Brooklyn Hospital Center, as a hospital worker, right, waits for a traffic light to change before reporting to duty, Sunday, April 5, 2020, in New York. The Brooklyn hospital is one of several in the area treating high numbers of coronavirus patients. (AP Photo/Kathy Willens)

How to set priorities for the use of ventilators, breathing machines that can sustain life, is one of the most worrisome questions. Hospitals from Louisiana to New York and Michigan are already confronting projected shortages, the AP reported last week.

"Government needs to provide guidelines on ethics if health resources are limited and decisions need to be made about which patients to treat," a hospital official in Broward County, Florida, told the inspector general's office. "Are physicians liable for their decisions if that happens?"

Many hospitals are responding by improvising their own solutions. Some explored buying face masks from nail salons due to the shortage of personal [protective equipment](#), or PPE. Others have been trying to make their own hand sanitizer by blending ultrasound gel with alcohol from local distilleries.

Ingenuity can create its own worries.

"We are throwing all of our PPE best practices out the window," a hospital administrator in West Texas told the inspector general's office. "That one will come back and bite us."

© 2020 The Associated Press. All rights reserved. This material may not be published, broadcast, rewritten or redistributed without permission.

Citation: As cases surge, 3 in 4 US hospitals already facing COVID-19 (2020, April 7) retrieved 26 April 2024 from <https://medicalxpress.com/news/2020-04-cases-surge-hospitals-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.