CoV-2 infection. Doctors in the cohort of those exposed to tracheotomy had a higher frequency of involvement in tracheal intubation procedures in COVID-19 patients, but the infection rate for this cohort did not increase.

Tracheotomy is defined as early if it is performed within 10 days of tracheal intubation.1 Percutaneous tracheotomies were performed within the first 10 days in 98% of our patients, while the latest procedure was performed after 12 days. Early percutaneous tracheotomy can offer an organizational advantage compared to the surgical one because procedures can be performed at the bedside.8 This can be particularly useful in conditions of high demand, when almost all of the operating rooms are being used as ICU stations.

In conclusion, early percutaneous tracheotomy, even when performed in COVID-19 patients, appears to be safe for healthcare workers when personal protective equipment is used.

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References


Do we put frontline healthcare workers at more risk with the current CDC and WHO recommendations for ending isolation and precautions?

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To the Editor—Coronavirus disease 2019 (COVID-19), caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), has been a global health threat for nearly a year.1 In China, ~4% of confirmed cases in the first month of the COVID-19 outbreak occurred among healthcare workers, with even higher rates in Europe.2 With the current surge of COVID-19 cases, we are seeing an increasing number of inpatients with COVID-19. The mean hospitalization period (HP) revealed in one meta-analysis can be 14.88 days, and some studies indicate a mean HP > 20 days.3

In our hospital, we also have patients who have been hospitalized for >20 days or remain hospitalized beyond 20 days of...
Assessing the infection risk of a vertical garden in a hospital setting

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To the Editor—Although being exposed to nature may accelerate healing and enhance patients’ well-being,1 organic material and water sources in healthcare institutions can be harmful.2 There is little evidence on the impact of indoor gardens in healthcare settings; thus, we evaluated the potential for environmental contamination of an indoor plant wall from the time of its construction on to assess its risk for patient safety.

In 2016, an addition to our hospital was planned that included a windowless, 11-m² (118 ft²) waiting area next to the physical therapy rooms. Together with an interior designer and the infection prevention

References


To the Editor—Although being exposed to nature may accelerate healing and enhance patients’ well-being,1 organic material and procedures including terminal extubation were performed without precaution until her death 25 days after onset of symptoms. Notably, a repeated SARS-CoV-2 PCR test on day 23 of her symptoms was positive. After ending the isolation precautions, 1 ICU resident developed fever, cough, and shortness of breath within 2 days after exposure and tested positive for SARS-CoV-2. She is currently hospitalized for severe COVID-19. In addition, 3 ICU nurses also tested positive for SARS-CoV-2, with symptoms of cough, fever, anosmia, and dysgeusia. Furthermore, 3 of 5 other ICU residents developed transient mild symptoms, including diarrhea, cough, and myalgia within 2–7 days after exposure, but they were not tested for SARS-CoV-2. These staff members did not have any other known exposure to SARS-CoV-2. Universal masking, eye protection, gowns, gloves, hair cover, and shoe covers were implemented for all patient encounters, and appropriate personal protective equipment was used for patients with suspected or confirmed COVID-19.

COVID-19 patients who have been infectious for >20 days have been reported in a peer-reviewed journal,4 and severe COVID-19 infection has been associated with prolonged viral shedding.6 WHO recommendations on isolation cited the range of viral shedding as 0–20 days from a personal communication published on a preprint website instead of in a peer-reviewed journal,7,8 or from a study of asymptomatic patients9 or animal

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In the setting of an unprecedented global pandemic, this reckless recommendation on ending isolation and precautions may put frontline healthcare workers at an unnecessary higher risk of being infected and thus may exacerbate critical staff shortages. Using an abundance of caution, we should rethink the recommended criteria for releasing COVID-19 patients from isolation.