

CASE STUDY  
**COVID-19**

**ELIMINATING  
THE PATHOGEN  
FROM  
SURFACES IS  
EXTREMELY  
IMPORTANT**

The **COVID-19 pandemic is fast evolving** and more than 175 countries across the globe continue to see more patients and community spread transmissions.

Initial review of the disease from the World Health Organization (WHO) indicates that COVID-19 has a higher transmission rate than influenza, and other coronaviruses like MERS-CoV.<sup>1</sup> Additionally, a recent NIH study indicates that the virus can survive for days on hard surfaces.<sup>2</sup>

**Eliminating this deadly pathogen from surfaces is extremely important in order to allow operations to resume safely. With the high transmission rate of COVID-19 and its ability to survive on surfaces for days, facilities must work quickly and effectively to clean surfaces and eliminate the pathogen to prevent this virus from further impacting the safety of the staff and key business operations.**

**COVID-19 AT A SINGAPOREAN HOSPITAL**

A private hospital in Singapore cared for one of the **first COVID-19 patients** in the country

The facility needed **a plan** to ensure the **ICU area** hosting the patient was **safe** for staff and future patients to occupy upon patient discharge

After just **two hours** from the start of a Bioquell cycle, the hospital was able to **reopen its ICU**

Bioquell's Rapid Biodecontamination Service (**RBDS**) was selected to perform enhanced disinfection on an as needed contract basis

Bioquell completed **10 separate deployments** in **less than 2 weeks** at this facility



**AFTER A TWO HOUR BIOQUELL CYCLE, THE HOSPITAL WAS ABLE TO REOPEN ITS ICU**

RBDS is available for **immediate response** in the United States, France, Germany, England, Ireland, Singapore and China. Response teams may be sent globally with advanced notice. Visit Bioquell today at [bioquell.com](http://bioquell.com)

1. Cascella M, Rajnik M, Cuomo A, et al. Features, Evaluation and Treatment Coronavirus (COVID-19) [Updated 2020 Mar 20]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020 Jan-. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK554776/>  
2. N van Doremalen, et al. Aerosol and surface stability of HCoV-19 (SARS-CoV-2) compared to SARS-CoV-1. The New England Journal of Medicine. DOI: 10.1056/NEJMc2004973 (2020).

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