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Published on *IVT Network* (<http://www.ivtnetwork.com>)

Shining (Invisible) Light On Viral Pathogens: Virucidal Contamination Control Strategies Using UV-C Light



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By **Jul 28, 2021 7:00 am EDT**



Respiratory droplets are coronaviruses' primary transmission mode and thus the majority of coronavirus risk mitigation strategies focus on the control of air (from ventilation to face masks). However, contact (either direct contact with an infected subject or indirect contact through a hand-mediated transfer of the virus from contaminated fomites to the mouth, nose, or eyes) is an alternative infection route. Hence, it remains a concern that the SARS CoV-2 virus can remain viable on surfaces for several hours (and with viral RNA recoverable sometimes several days later). For example, the betacoronavirus...

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