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## **Control of Cross-Contamination in Prosthodontics during Covid-19 Pandemic: A Review**

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**Abstract:** COVID-19 is a disease caused by the SARS-CoV-2 virus, which produces a severe form of pneumonia. The pandemic emergency has arisen due to the patho physiological characteristics of the COVID-19 illness, the unique transmissibility of SARS-CoV-2, and our era's high globalisation.

China's influence has extended swiftly throughout the world. Human-to-human transmission appears to be possible mostly through intimate interaction with COVID-19-affected patients, and the primary method. Contagion is spread through the inhalation of

respiratory droplets, such as when patients talk, sneeze, or cough. It has also been established that the virus may persist outside of living creatures, in aerosol. Because dental practitioners cannot always maintain a safe interpersonal distance of more than a meter and are exposed to saliva, blood, and other body fluids during surgical operations, they are particularly vulnerable to SARS-CoV-2 infection. Furthermore, many dental surgeries produce aerosol, raising the risk of infection spread through the air. The purpose of this study is to give dentists with practical suggestions based on available data that may be

effective in lowering the danger of COVID-19 spreading during clinical practice.

**Keywords:** COVID-19 infection; SARS- CoV-2 virus; prevention procedures; guidelines; corona virus infection; infection control in prosthodontics; hand hygiene; sterilization and disinfection in Prosthodontics; COVID-19 waste management

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