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### SARS-CoV-2, surgeons and surgical masks

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#### Abstract

The exact risk association of coronavirus disease 2019 (COVID-19) for surgeons is not quantified which may be affected by their risk of exposure and individual factors. The objective of this review is to quantify the risk of COVID-19 among surgeons, and explore whether facemask can minimise the risk of COVID-19 among surgeons. A systematised review was carried out by searching MEDLINE to locate items on severe acute respiratory syndrome coronavirus or COVID-19

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## Effectiveness of Adding Mask Recommendation to Prevent ...

<https://www.acc.org/.../effectiveness-of-adding-a-mask> ▾

Nov 23, 2020 · This randomized trial on recommending **surgical masks** for **prevention of SARS-CoV-2 infection** was performed in the setting of low community transmission. Adherence to **masking** was very poor (<50%) and likely overestimated in this study given reporting biases.

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## Surgical and Cotton Face Masks Ineffective at Blocking ...

<https://www.newsweek.com/surgical-cotton-face...> ▾

The researchers cited a previous study that suggested **wearing surgical and N95 respirator masks**, which **seal the nose and mouth**, may help prevent the spread of **SARS-CoV-2**...

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<https://pubmed.ncbi.nlm.nih.gov/32251511>

Effectiveness of **Surgical** and Cotton **Masks** in Blocking SARS-CoV-2: A Controlled Comparison in 4 Patients Ann Intern Med . 2020 Jul 7;173(1):W22-W23. doi: 10.7326/M20-1342.

Cited by: 112

Author: Seongman Bae, Min-Chul Kim, Ji Yeun Kim,...

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Studied different types of face coverings in non-clinical setting (August 2020).

<https://advances.sciencemag.org/content/early/2020/08/07/sciadv.abd3083>

## Effectiveness of surgical, KF94, and N95 respirator masks ...

<https://pubmed.ncbi.nlm.nih.gov/32845196>

Methods: Patients hospitalised with **SARS-CoV-2** infection were instructed to **cough** five times each while wearing (1) **no mask** (2) **surgical mask** (3) **KF94 mask** and (4) **N95 mask**. The coughs were separated