

Do BLUE SURGICAL MASKS WORK?



** Reduces Viruses Transmission? Or just ReDirecting the AirFlow?*

(1) Famous TV scientists like Bill Nye trying to blow out a candle with a mask to show the effectiveness of a mask is 100% misleading. This is because when Bill Nye attempts to blow out a candle (and cannot), a lot of the air has to escape out the SIDES / EDGES of the masks. Hence, virus particles float in the air all around him, instead of in front of him.

(2) Thus, the more the mask reduces the virus transmission, the more the mask **“redirects”** the AirFlow and Droplets to the SIDES and EDGES of the mask. Thus Blue Surgical Mask have essentially ZERO effectiveness against the virus as one cannot make a perfect seal with the person’s face, to begin with. Moreover, AirFlow is greatest where there is the least resistance. This means any tiny gaps at the SIDES and EDGES of the Blue Surgical Mask have the greatest AirFlow (and Droplets) that can be full of viruses.

(3) - So why do medical staff wear those blue surgical masks? It was never to prevent influenza or the common cold. It was only to reduce fine SALIVA and SPIT particles from landing on a patient in surgery. Hence the name “surgical” mask, not virus prevention masks.