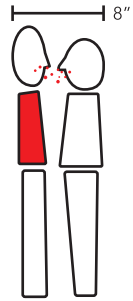
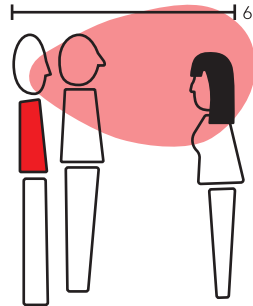


# SARS-CoV-2 IN THE AIR

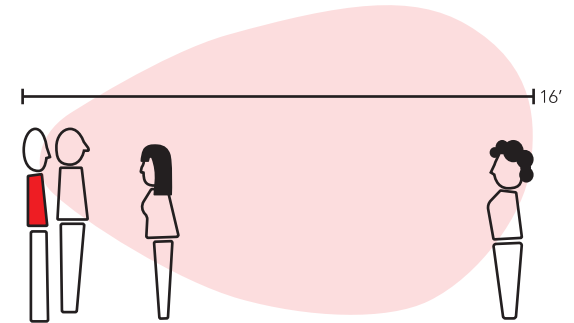
## CLOSE CONTACT DROPLET RISK



## CONVERSATION AEROSOL RISK

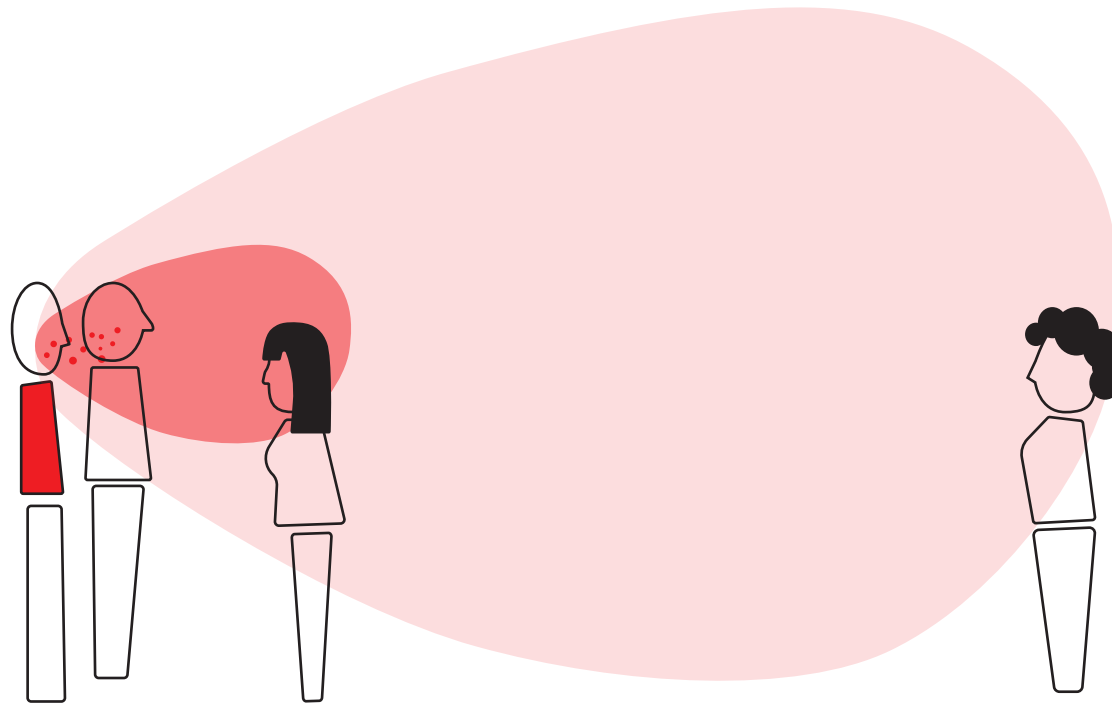


## ROOM AEROSOL RISK



## TRANSMISSION RISK SCENARIOS

- ..... Droplets
- High Aerosol Risk
- Aerosol Risk



In droplet based transmission, the virus is contained in drops of fluid that are often produced via cough or sneeze by a symptomatic person. The hallmark of droplets is that they drop to surfaces before they evaporate. Transmission often occurs through droplet/contact spread, where droplets contaminate surfaces when they land, people touch contaminated surfaces and then touch their face. Droplets are heavy enough to fall to surfaces in relatively close proximity to an infected person.

In aerosol transmission, the virus is suspended in air and stays airborne. Virus can be aerosolized through talking or even exhaling, which means that the person producing aerosolized virus may not be symptomatic. Because virus in air moves with air current, it can float away from the infected person and even gather in places with stagnant air in enclosed spaces. In other words, there is risk of transmission farther away from the infected person if a virus is in an aerosol.

