Twitter Thread by Robin Monotti



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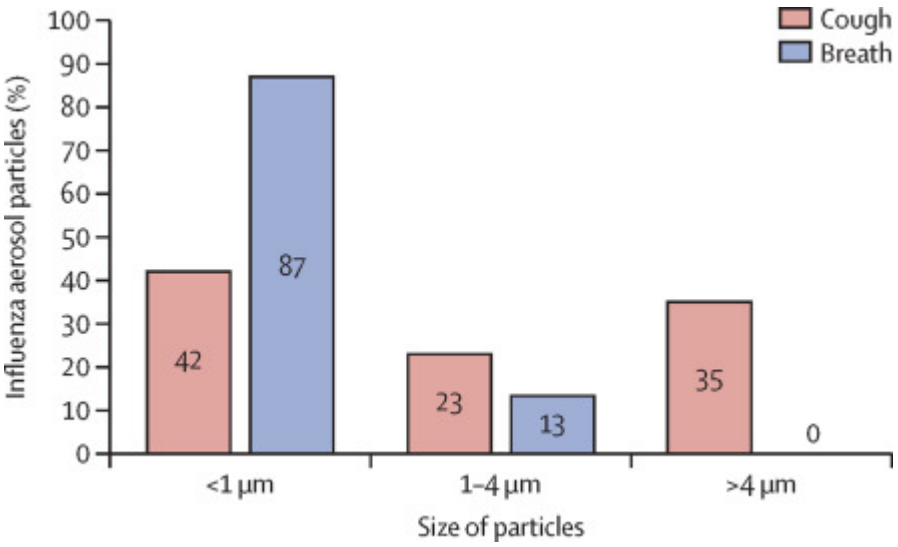
WHY MASKS DON'T WORK:
Coughing is NOT the issue.
Large droplets are NOT the issue. Breathing exhales MUCH MORE virus in fine aerosols than coughing. Finer aerosols bypass masks/nose & reach the lungs. Masks NEBULIZE. Solution is VENTILATION not face masks.
https://t.co/FMqYszHKVt



"Once direct measurement of particles containing viruses in exhaled breath was technically feasible, most particles (87%) with influenza viral RNA were found to be smaller than 1 µm."

"Influenza viral RNA was detected in the exhaled breath of 92% of adults. The fine particles contained 8·8-times more viral copies than did the coarse ones. Respiratory viruses have been found in both coughs (82% of participants) and exhaled breath (81% of participants)"

■ "Human rhinovirus was collected more frequently in exhaled breath than in cough aerosols using a filter method." ■

"The Middle East Respiratory Syndrome (MERS) coronavirus was isolated from seven room air samples from dedicated MERS units in two South Korean hospitals. All seven were positive by PCR and four of seven were positive on viral culture."

SARSCoV2 "was detected in both surface and air samples in another hospital in Wuhan, China, with positive PCR tests on 14 (35%) of 40 air samples from the intensive care unit and two (12·5%) of 16 air samples from the general ward"

"Experiments using the golden hamster model have shown 100% efficient aerosol transmission among animals caged separately.."

■■"There is no evidence to support the concept that most respiratory infections are associated with primarily large droplet transmission. In fact, small particle aerosols are the rule, rather than the exception, contrary to current guidelines"■■ https://t.co/FMqYszHKVt ■■

"The logic that transmission within close proximity defines respiratory droplet spread is fallacious, as small particle aerosols are in the highest concentration close to patients and dissipate with distance." [if there is ventilation].