

Characteristics				Outcomes			
Publication	Study Type	Population	Pathogen/Particle	Filtration	Fit	Airflow	Effectiveness
							Infection
MacIntyre 2015	Randomized Control Trial	Health care providers (HCP) in high risk wards in Vietnam (N=1607)	Viral respiratory infection* Aerosolized particles	Cloth < Medical	--	--	Medical < Cloth (↑ in Cloth)
Davies 2013	Non-Randomized Trial	Volunteers - general population (N=21)	Aerosolized Virus [†] Aerosolized Bacteria [†]	Cloth < Medical	Cloth < Medical	Cloth < Medical	--
Liu 2019	Non-Randomized Trial	Surgeons (N=50)	Bacteria [†]	Cloth < Medical	--	Cloth < Medical	--
Sellers 1970	Non-Randomized Trial	Human subjects exposed to Foot and Mouth virus (N=8)	Picomavirus ^Σ	--	--	--	Medical = Cloth (↑ in both)
van der Sande 2008	Non-Randomized Trial	Volunteers - general population (N=39)	Particles 0.02 μm to 1 μm	--	Cloth < Medical	--	--
Furuhashi 1978	Laboratory Efficacy Study	n/a	Bacteria [†]	Cloth < Medical	--	Cloth < Medical	--
Ma 2020	Laboratory Efficacy Study	n/a	Aerosolized Virus [×]	Cloth = Medical	--	--	--
Rengasamy 2010	Laboratory Efficacy Study	n/a	Aerosolized particles (20–1000 nm)	Cloth < N95	--	--	--
Quesnal 1975	Single-Case Experiment	Single human test subject - general population	Bacteria [†]	Cloth = Medical	--	--	--

Pathogen Detection Method:
* Influenza like illness and/or pharyngeal swab multiplex PCR confirmed infection (Rhinovirus, hMPV, influenza etc.)
[†] Viable pathogen detected via post filter colony formation
^Σ Viral colony formation from nasal swab
[×] Virus detected via post filtration PCR