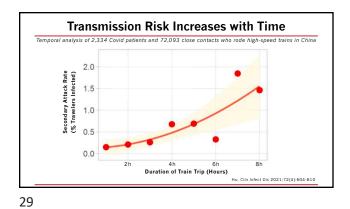
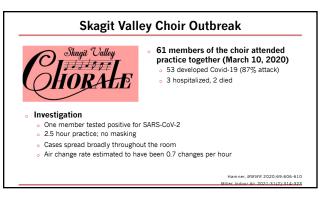
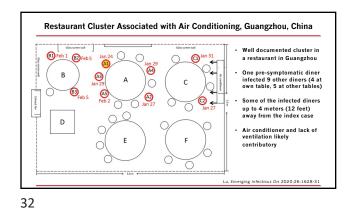


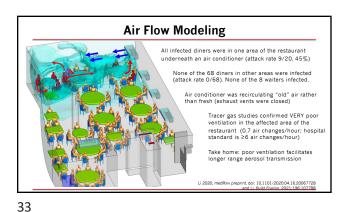
St					ses wit		
0.4m	0.03%	0.1%	0.2%	0.2%	0.2%	0.1%	0.03%
	0.4%	1.7%	3.5%	Index Patient	3.5%	1.7%	0.4%
0.4m	0.03%	0.1%	0.2%	0.2%	0.2%	0.1%	0.03%
	1.5m	1.0 m	0.5m		0.5m Hu,	1.0m Clin Infect Dis 202	1.5m 1;72(4):604-610









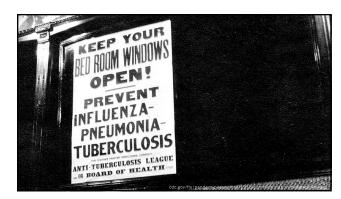


 Well ventilated outdoor area
 Moderately ventilated indoor area
 Poorly ventilated indoor area

 Dense viral plume at source, rapidly dilutes with distance
 Dense viral plume at source, gradual dilution with distance
 Dense viral cloud throughout the room

Impact of Ventilation on Viral Exposure

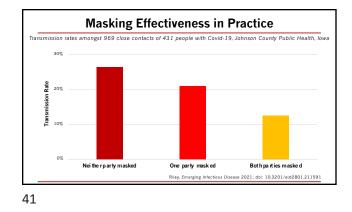


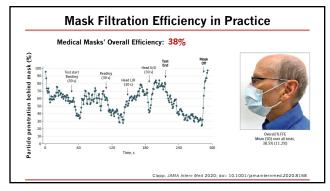


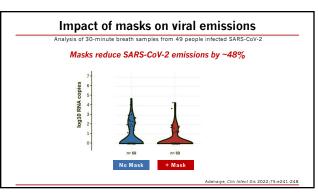


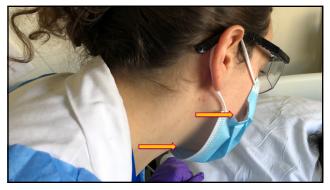


Medical Masks are Good! ... But Not Perfect using Golder with and without tightly fixed surgical masks between cage Index Naïve 67% Naïve 17% r al Index Naïve **33%** (4/12) Infected A B Fyn . Clin Infect Dis 2020;71:2139-2149





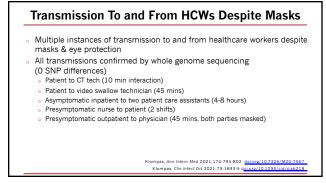






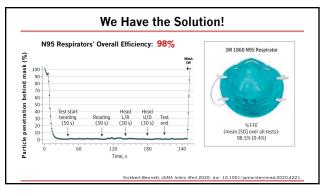




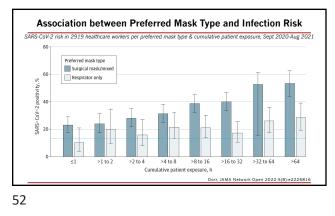


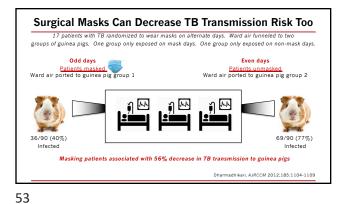












		Person 2							
_		Nothing	Cloth Mask	Surgical Mask	KN95	N95			
	Nothing	15min	20min	30min	2.5h	25h			
4	Cloth Mask	20min	27min	40min	3.3h	33h			
0.00	Surgical Mask	30min	40min	60min	5h	50h			
	KN95	2.5h	3.3h	5h	25h	10 days			
	N95	25h	33h	50h	10 days	100 days			





