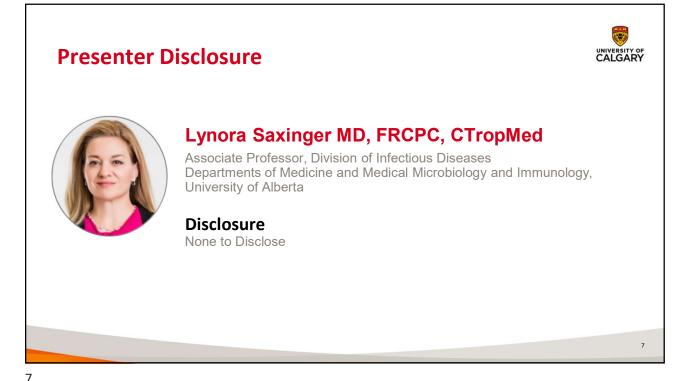
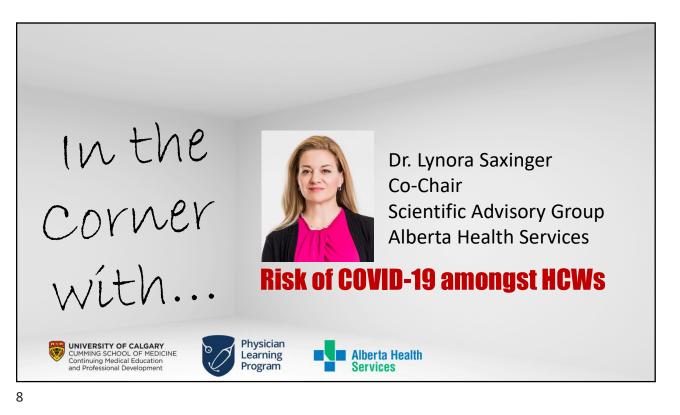
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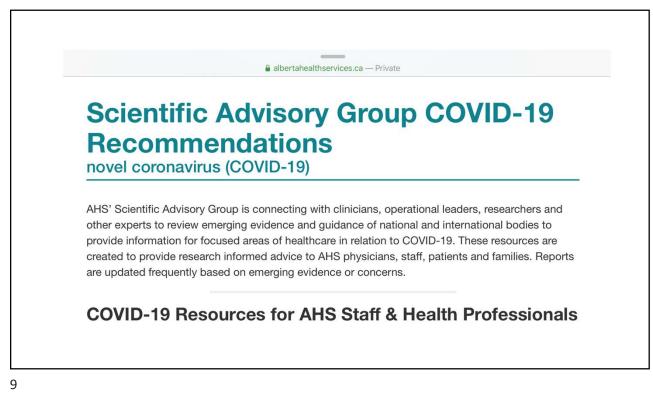


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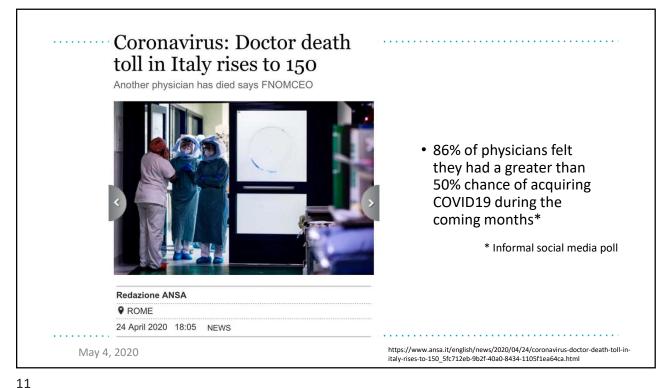
Key Research Questions: 1) Among countries who are past their initial peak of COVID-19 cases, what proportion of total cases were in healthcare workers (HCW), and what is the estimated proportion of the total number of HCWs who developed COVID-19 from presumed occupational exposure?

2) Is there any evidence that household members of HCWs are at elevated risk of COVID-19 disease, and if so, are there guidelines for mitigating that risk?



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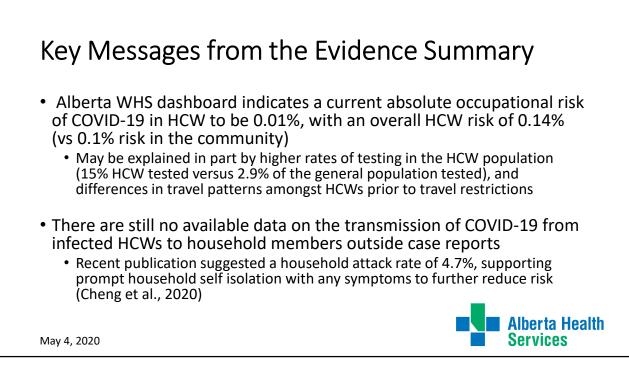


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	Country/ Region	Total HCW Cases	Total HCWs	General Population Cases	2018 General Population	HCW risk %	General populatior risk %
ſ	Italy	15,314	587,211	124,063	59,844,069	2.61%	0.21%
h _ <	China (Hubei)	1,809	75,075	65,993	7,480,925	2.41%	0.88%
	Spain	15,433	448,641	94,805	46,275,109	3.44%	0.21%
	Overall high-risk	25,600	1,110,927	284,861	113,600,103	2.93%	0.25%
	China (non- Hubei)	246	6,389,978	14,463	1,378,784,022	0.004%	0.001%
w sk –	Philippines	501	590,318	2,517	106,061,602	0.085%	0.003%
	Indonesia	23	760,699	1,963	266,902,731	0.003%	0.0007%
	Overall low-risk	770	7,740,996	18,943	1,751,748,354	0.010%	0.001%
	Alberta	137	103,467	4,307	4,287,068	0.13%	0.10%

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Group	Number	# tested	% tested	# (%) of test results positive for SARS-CoV-2	# (%) of test positives from occupational exposure	Occupational risk % (PAR)	Overall risk % (PAR)
Total AHS Employees* (non-physician)	103,467	15,603	15.1%	137 (0.9%)	12 (8.8%)	0.01%	0.13%
AHS Physician	7,408	933	12.6%	22 (2.4%)	N/A **	N/A	0.30%
General Population (non-HCW) ***	4,287,068	122,386	2.9%	4,307 (3.5%)	N/A	N/A	0.10%
Total AB Population	4,397,816	138,922	3.2%	4,469 (3.2%)	N/A	N/A	0.10%



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## For more information visit

• <u>https://www.albertahealthservices.ca/assets/info/ppih/if-ppih-covid-19-hcw-risk-rapid-review.pdf</u>

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