

This presentation is approved for the following audiences:

- ✓ External Customers
- ✓ External Sales (e.g. Distributor) Reps
- ✓ 3M Global Application Engineering

This presentation was approved by:

- ✓ 3M US PSD Application Engineering
- ✓ 3M US PSD Legal Counsel

Date Approved: Month Year

Opening Points

- This presentation is based on current Canadian requirements. Canadian provincial/territory or other country requirements may be different. Always consult User Instructions and follow local laws and regulations.
- This presentation contains an overview of general information and should not be relied upon to make specific decisions.
- Completing this program does not certify proficiency in safety and health.
- Information is current as of the date listed for this presentation, and requirements can change in the future.
- This presentation should not be relied upon in isolation, as the content is often accompanied by additional and/or clarifying information or discussion.
- 3M owns all rights in the presentation and digital recording or other reproduction is strictly prohibited without permission.

Lessons Learned from Covid-19

For: Canada Aerosol Transmission Coalition

Rely on Good Science

Good Science is critical and often that is not found in the media.



Mask vs. Respirator. what is the difference?

Source: <https://www.3m.com/coronavirus>

Lessons Learned from Covid-19

For: Canada Aerosol Transmission Coalition

**You're the
Translator**

**You're the
translator of
H&S. What
you say
matters.**

Be Agile

**Embrace
the changes
and help
others do
the same.**

Lessons Learned from Covid-19

For: Canada Aerosol Transmission Coalition

Prepare for the Future

Appropriate Stockpiling of PPE should be done for the next epidemic or pandemic. Update your RPP.

TABLE 1

Timeline of the pandemics described in this paper.

1347–1351	Black Death	<i>Yersinia pestis</i>	Fleas associated to wild rodents
1817–1824	First cholera pandemic	<i>Vibrio cholerae</i>	Contaminated water
1827–1835	Second cholera pandemic	<i>Vibrio cholerae</i>	Contaminated water
1839–1856	Third cholera pandemic	<i>Vibrio cholerae</i>	Contaminated water
1863–1875	Fourth cholera pandemic	<i>Vibrio cholerae</i>	Contaminated water
1881–1886	Fifth cholera pandemic	<i>Vibrio cholerae</i>	Contaminated water
1885–ongoing	Third plague	<i>Yersinia pestis</i>	Fleas associated to wild rodents
1889–1893	Russian flu	Influenza A/H3N8?	Avian?
1899–1923	Sixth cholera pandemic	<i>Vibrio cholerae</i>	Contaminated water
1918–1919	Spanish flu	Influenza A/H1N1	Avian
1957–1959	Asian flu	Influenza A/H2N2	Avian
1961–ongoing	Seventh cholera pandemic	<i>Vibrio cholerae</i>	Contaminated water
1968–1970	Hong Kong flu	Influenza A/H3N2	Avian
2002–2003	Severe acute respiratory syndrome (SARS)	SARS-CoV	Bats, palm civets
2009–2010	Swine flu	Influenza A/H1N1	Pigs
2015–ongoing	Middle East respiratory syndrome (MERS)	MERS-CoV	Bats, dromedary camels
2019–ongoing	COVID-19	SARS-CoV-2	Bats, pangolins?

Source: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7874133/>

Questions?