

# COVID-19 Vaccine Information Session



# Welcome and Introduction



Brad Saunders  
CEO, Community  
Living Toronto

# Vaccines at CLTO



## SLEEVES UP



### For Grandparents

When Your Turn Comes, ROLL UP YOUR SLEEVE  
for the COVID-19 Vaccine

#sleevesupON

## SLEEVES UP



### For Hugs

When Your Turn Comes, ROLL UP YOUR SLEEVE  
for the COVID-19 Vaccine

#sleevesupON

# Launch of New Webpage



## COVID-19 Vaccine

**SLEEVES UP**

**For Family**

When Your Turn Comes, ROLL UP YOUR SLEEVE for the COVID-19 Vaccine

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### Plain Language Resources

[Informed Consent Vaccine](#)[Nervous about Needles](#)[Vaccine Information Sheet](#)[When I get the Vaccine](#)

### Vaccine Information Resources

[Vaccine Approval Process — At a Glance](#)[Common Questions](#)[Toronto Public Health Fact Sheet](#)[Health Canada Infographic](#)[What you need to know — Government of Canada](#)

[cltoronto.ca/covid-19-vaccine/](https://cltoronto.ca/covid-19-vaccine/)

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CLTO Health Team  
Team Lead

PharmD Candidate  
University of Toronto 2021

B.Sc., Biochemistry  
University of Windsor 2017



# Current State of the COVID-19 Pandemic



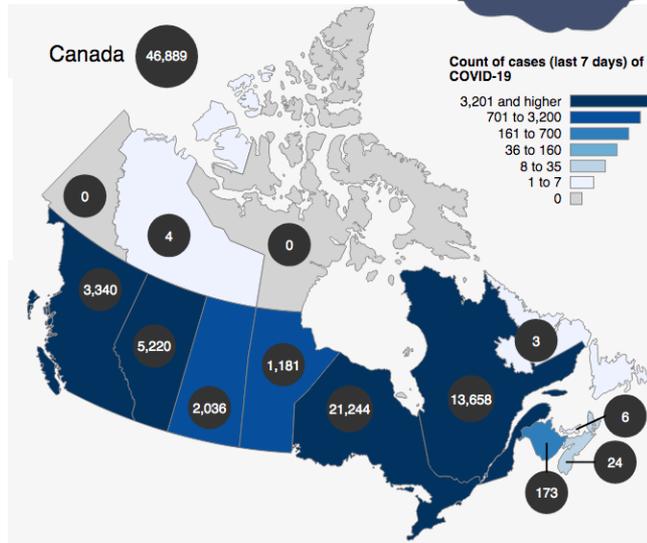
NATIONAL STATS:

**708,619**

confirmed cases

**18,014**

deaths



PROVINCIAL STATS:

**2,500+**

cases per day

**~ 40**

deaths per day

# Agenda



1. Ontario's current vaccination strategy
2. Where CLTO fits into the Provincial vaccination plan
3. The two vaccines currently available
4. Providing the best evidence for you!

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1. Ontario's current vaccination strategy
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# Current plan is split into 3 phases



## Priority in Phase 1:

Timeline: *ongoing*

1. Residents & essential caregivers in *congregate settings* (ie. Long term care, retirement homes)
2. Hospital workers and other health care personnel
3. Adults in Indigenous communities, including remote communities where risk of transmission is high
4. Adult recipients of chronic home health care

## Priority in Phase 2:

Timeline: *March – July 2021*

1. Older adults (starting with 80+)
2. people who live and work in high-risk congregate settings (shelters, **community living**)
3. frontline essential workers (first responders, teachers and the food industry)
4. individuals with high-risk chronic conditions and their caregivers

# Agenda



1. Ontario's current vaccination strategy
2. **Where CLTO fits into the Provincial vaccination plan**
3. The two vaccines currently available
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## Where does CLTO fit into this plan?

- Persons with developmental disabilities are **more susceptible** than the general population to develop more severe COVID-19 infections
- All persons with developmental or intellectual disabilities, and their caregivers, should be considered **priority** for the COVID-19 vaccine



Canadians with developmental disabilities and those that care for them and love them have felt forgotten throughout this pandemic. Let's change that by prioritizing them now in our vaccination policies and practices.



# Agenda



1. Ontario's current vaccination strategy
2. Where CLTO fits into the Provincial vaccination plan
3. **The two vaccines currently available**
4. Providing the best evidence for you!

# About the vaccines



Which vaccines are currently available?



# Comparing the major vaccine trials



**41,135** study participants aged **16+**

**30,413** study participants aged **18+**

**A typical vaccine trial: 6000-8000 participants!**

Who was **not** included in these trials?

- Known history of COVID-19 infection
- Younger adolescents & children
- Participants from Long-term Care
- Pregnant/breastfeeding individuals
- Immunodeficient or immunosuppressed (except stable HIV infection)

# Comparing the major vaccine trials



## What if I'm in one of these groups? Can I get the vaccine?

- Known history of COVID-19 infection
- ~~Younger adolescents & children~~
- Participants from Long-term Care
- Pregnant/breastfeeding individuals
- Immunodeficient or immunosuppressed (except stable HIV infection)

# A closer look at the two approved COVID vaccines



Company	Vaccine type	Efficacy	Safety	Frequency of administration
<b>Pfizer</b>	mRNA	95% *	<b>Mild symptoms that resolved in a day or two:</b> <u>More common:</u> Injection site pain Fatigue Headache	2 shots <b>21</b> days apart
<b>Moderna</b>	mRNA	94.5% *	<u>Less common:</u> Muscle pain Chills Joint pain Fever	2 shots <b>28</b> days apart

\*The clinical trials of Pfizer and Moderna had a different study set-up, which could potentially affect the efficacy data. For instance, Pfizer started counting COVID-19 cases one week after the participants completed the two-dose series. On the other hand, Moderna started counting two weeks after the participants completed the two-dose series. Caution needs to be exercised when attempting to make cross-trial comparison.

# A closer look at the two approved COVID vaccines



## Efficacy



95% \*

moderna

94.5% \*

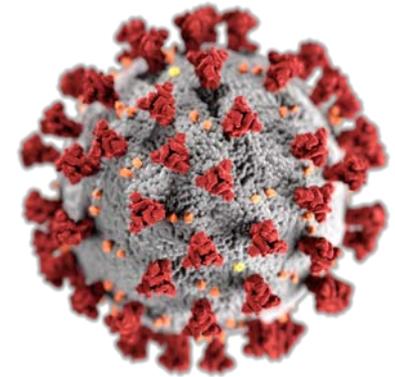
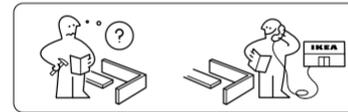
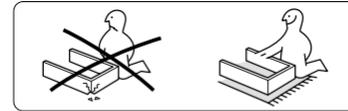
- *Better* than the average influenza vaccine, and *better* than the *50% threshold* set by the World Health Organization for an effective vaccine!

## How do these new vaccines work?

# How do these vaccines work?

## Revolutionary vaccine: mRNA

- mRNA is the instruction book for the vaccine,
- It cannot give you COVID
- Rather than giving you the protein from the virus (traditional method), this new method gives your body the “instructions”





# How do these vaccines work?



## Revolutionary vaccine: mRNA

- Why does this matter?
  - Protein takes time to produce! Production is the bottleneck
  - “Printing the instructions” is much more rapid
  - Your body produces the protein and the antibodies - this new type of vaccine is much better at replicating nature.

# Agenda



1. Ontario's current vaccination strategy
2. Where CLTO fits into the Provincial vaccination plan
3. The two vaccines currently available (Moderna, Pfizer)
4. Providing the best evidence for you!



# Importance of Vaccination



The COVID vaccine is our best shot at beating the virus

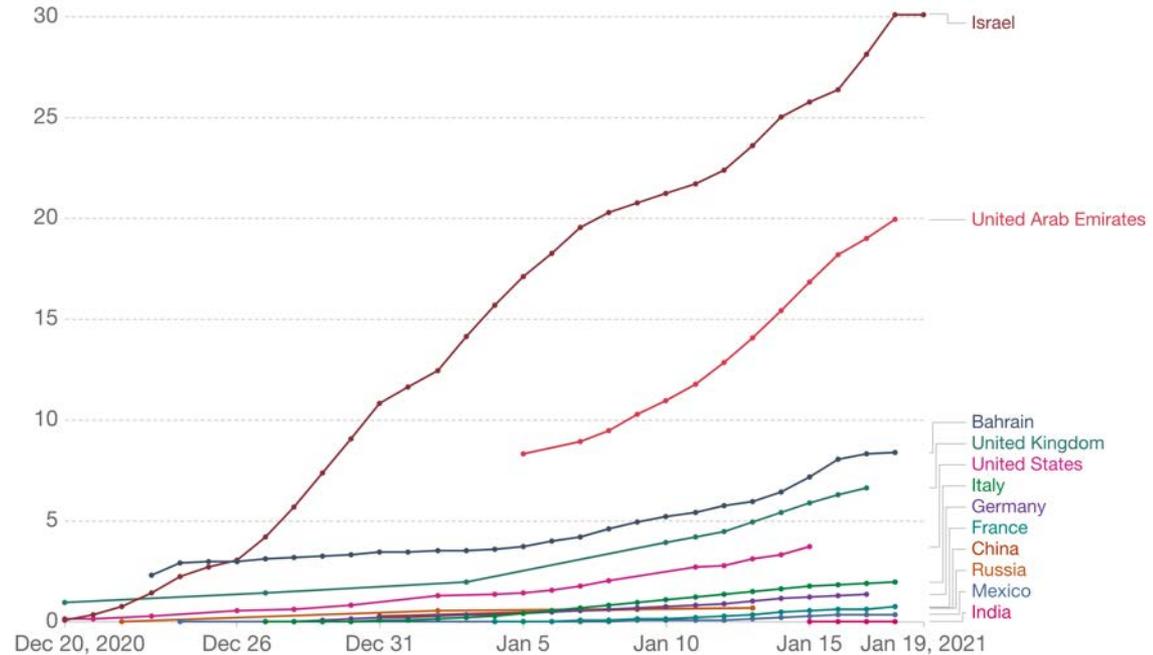
- The greater number of people vaccinated, the more difficult it will be for the virus to spread
- More people vaccinated = fewer hospitalizations and deaths
- Approximately **70%** of the population must be vaccinated for *herd immunity*
- We need to ensure that our most vulnerable populations are protected first

# Vaccinations across the world



A tremendous number of people already vaccinated worldwide

**41.39 M**  
vaccinations to date



# Short-term effects of COVID-19 infection



## The importance of being vaccinated:

- Our most vulnerable populations (including individuals in our organization) have shown the greatest risk of serious health concerns when infected with COVID-19
- *More than 25% of the deaths* in Ontario due to COVID-19 have been in these populations
- These individuals, and our care givers who support them, are *currently at the greatest risk*

# Long-term effects of COVID-19 infection



## The importance of being vaccinated:

- Of 1733 patients who were *infected* with COVID-19 between June 16, to Sept 3, 2020 (avg. follow-up 6 months):
  - 63% experienced fatigue or muscle weakness,
  - 26% experienced sleep difficulties,
  - 23% experience anxiety or depression
- These symptoms are much more worrisome than the *mild side effects of the vaccine*, and last much longer. We are still learning the full consequences of the virus, while most people do not have symptoms within a few days after the vaccine.



## The current vaccines available:

- Were produced at record speeds by **removing funding barriers** early on, and allowing companies to **communicate with *Health Canada* in real-time**
- Used **revolutionary technology** to develop some of the most effective vaccines we have, that accurately replicate nature!
- Were tested in a **very large sample** of individuals compared to average vaccine trials
- Have been **administered to millions** worldwide already with great results
- Cause **mild side effects** after administration, but cannot give you COVID-19, and **will protect you** from the short- and long-term side effects of COVID-19 infection
- Will protect **not just you**, but **your loved ones**
- **Are our *best shot* at returning to a normal life again**

# What to do before you get your vaccine?



## Follow Toronto Public Health direction

- Continue to socially distance, wash your hands, and wear your mask when not possible to social distance



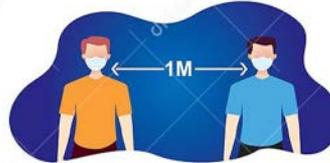
WASH HANDS



WEAR MASK



USE SANITIZER



KEEP DISTANCE

## SLEEVES UP



### For Family

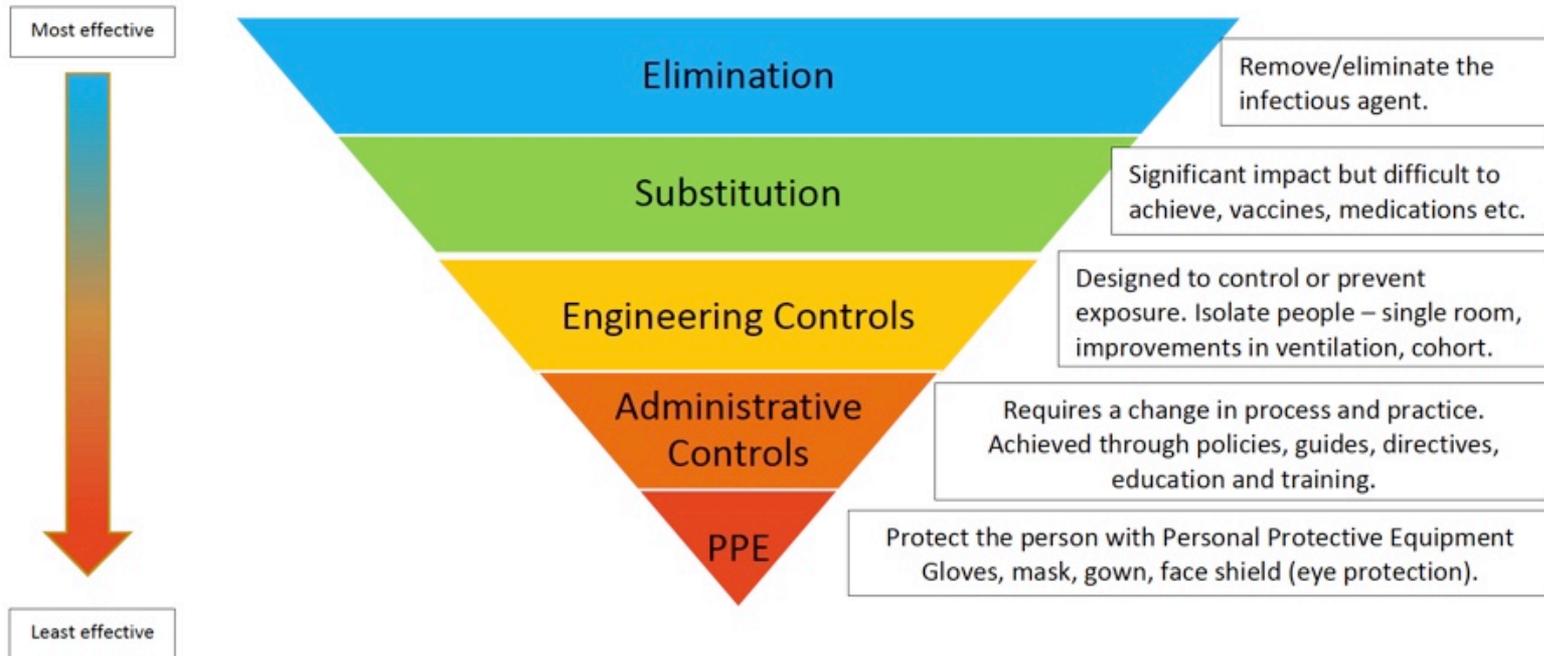
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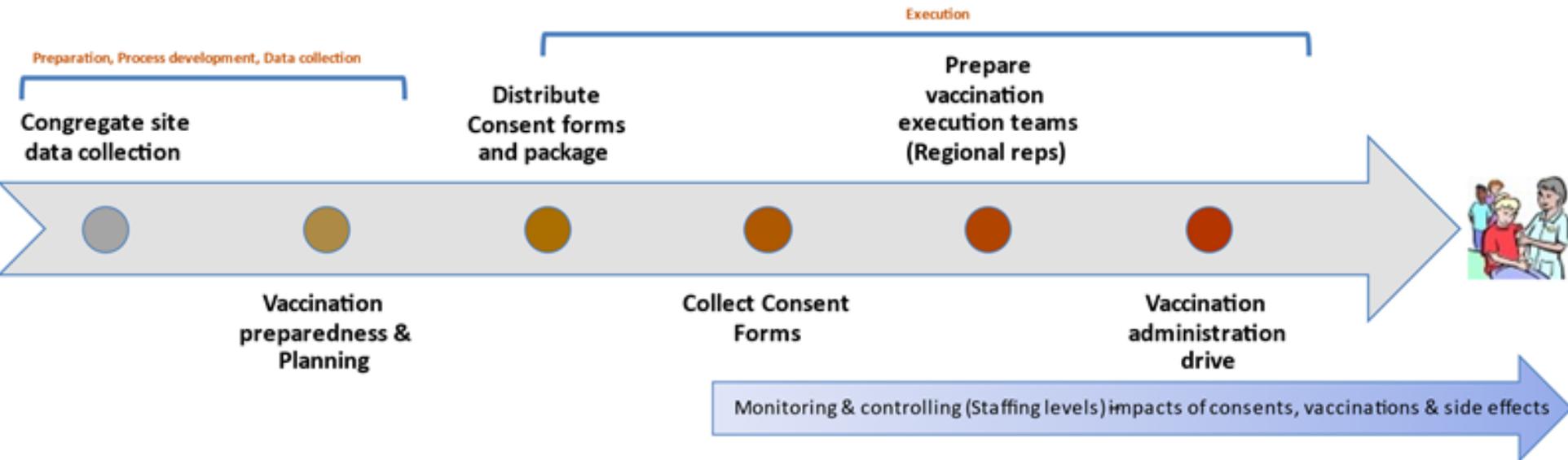
# How to prevent, detect and manage COVID-19?



## Hierarchy of Controls



# Proposed Project Approach



# Questions?



## SLEEVES UP

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## SLEEVES UP



## For Drinks with Friends

When Your Turn Comes, ROLL UP YOUR SLEEVE  
for the COVID-19 Vaccine

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