



JUNE 2022

# COVID IMMUNITY STUDY NEWSLETTER

Official Study Newsletter for Participating Long-Term Care, Assisted Living & Retirement Homes

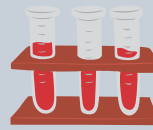
## Study Updates:

### Activity Book



Residents of participating homes will be receiving an activity book. Flip to the last page to enter our draw to win great prizes.

### Blood Collection



We have now collected blood and saliva samples from participants who got their 4th dose of the COVID-19 vaccine. Our lab technicians are busy processing your samples!

### Health Questionnaires



We are collecting health-related information from our participants. Your research coordinator may be in touch for assistance.

## Save the Date!

### Next Town Hall

June 22nd, 2022



Dr. Costa

(10:00-11:00 a.m) ( 6:30- 7:30 p.m)



Dr. Bowdish

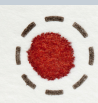
Stay tuned for more information



## Fun Facts about Blood



One drop of blood contains millions of cells, including red and white blood cells.

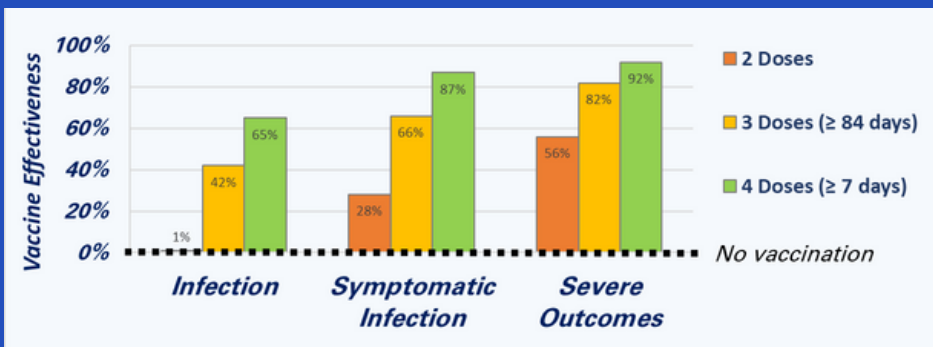


A 1 mm dried blood spot can contain up to 9600 white blood cells.



A type of white blood cell called B-cells make antibodies.

# New Research on COVID-19 Vaccine Effectiveness in Ontario's LTCs

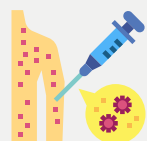


In LTC residents, 4 doses were more effective than 3, and 3 doses were more effective than 2, at protecting against:

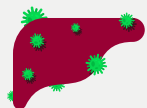
- Infections
- Symptomatic infections
- Severe outcomes

\*Data reported is ≥84 days after vaccination for 3 doses ≥7 days for 4 doses.  
Source: Grewal et al. (2022), <https://doi.org/10.1101/2022.04.15.22273846>

## Vaccinations can come in twos, threes, fours, or more!



**Measles, Mumps, Rubella**



**Hepatitis B**



**Whooping cough**



**Meningitis**



[ + more if there is an outbreak ]

**Flu Shot**

annual boosters



+ many more

## Want More Study Information and Updates?

Visit the study station on Main Street at participating villages to learn more about what's new and upcoming with the study.

Phone: 289-639-9588

Email: [covidlts@mcmaster.ca](mailto:covidlts@mcmaster.ca)

Website: [covidinlts.ca](http://covidinlts.ca)

Socials: @covidinlts

**LET'S FIGHT TO STOP  
COVID TOGETHER**

