



What you need to know about COVID-19 vaccines for children 5-11



After a **thorough and independent scientific review** of the evidence, Health Canada has approved a Pfizer-BioNTech vaccine for children. **They deemed it safe, effective, and high-quality.** Moderna has also submitted data for review.

They found:



The vaccine is **highly protective against COVID-19.**
Kids build a strong immune response with **a smaller dose.**

Why should kids get vaccinated?

Kids are at lower risk of getting sick with COVID-19, but **the risk is not zero.**

Kids can:

- be **infected** with the virus
- **spread** the virus
- be **hospitalized** with COVID-19
- develop **Multisystem inflammatory syndrome (MIS-C)**
- get **Long COVID.**

The vaccine greatly reduces these risks.

How can we be sure the vaccine is safe?

More than 4,600 children (3,100 vaccine, 1,538 placebo) were included in the clinical trial.

NO serious adverse side effects were reported.

No cases of myocarditis occurred during the clinical trials.

Lower incidences of myocarditis are expected in children 5-11 than in those 12+.

Health Canada will continue to closely monitor the safety of this vaccine.





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Comparing the Pfizer-BioNTech vaccines
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 adult 12+ Vial has purple cap.	VS	 kids 5-11 Vial has orange cap.
0.3mL injection containing 30 mcg of mRNA.		0.2mL injection containing 10 mcg of mRNA. This was the lowest dose tested in clinical trials that still gave a strong immune response (1).
Uses phosphate buffered saline (PBS) as a buffer. Buffers help maintain a vaccine's pH and stability while being stored.		Uses tromethamine (Tris) as a buffer instead of PBS. Tris is a very common and safe medical ingredient. With Tris as a buffer, vaccines can be stored unopened in regular refrigerators for up to 10 weeks (2,3). The total volume of buffers in the vaccine is very low.

Sources: tinyurl.com/SUFVaccineCaps

Why at least 8 weeks between COVID-19 vaccines for kids?

We're here to answer your questions about dose intervals!
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(NACI recommends at least an 8 week interval for added safety and efficacy.)

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What dose should an 11 year old get?
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Looking for vaccine information made for kids and caregivers?

SickKids AboutKidsHealth

aboutkidshealth.ca

Looking for credible sources about COVID-19 and vaccines?

Check out our guide!

scienceupfirst.com/learn-more

Want to learn how to talk to friends and family about vaccines?

Attend a free vaccine conversation workshop

covid19resources.ca/public/vaccine-conversation-workshops

Still have questions?

Send us a message on social media or email us at info@scienceupfirst.com for expert answers to your questions about COVID-19 and vaccines.

