



4. Determine how the vaccine administration error occurred and implement strategies to prevent it from happening again.

Note: Serologic testing to assess vaccine-induced immunity following COVID-19 vaccine errors to guide management decisions is generally not recommended.



	Pfizer-BioNTech COMIRNATY® pediatric dose, 0.2 mL (10 mcg) administered to an individual ≥ 18 years of age.	Consider this an invalid dose . Repeat dose immediately using the age-appropriate dose and formulation. If the dose given in error is the 1 st dose, administer the 2 nd dose at the recommended interval after the repeat dose (i.e., 8 weeks after repeat dose) using the age-appropriate formulation.
	More or less than the authorized number of doses obtained from the vial.	As long as the correct volume was drawn up per dose (and the correct amount of diluent was used if required), the doses are valid.
Intervals	1 st and 2 nd doses of the primary series given too close together.	Consider both doses valid if: <ul style="list-style-type: none"> Using Pfizer-BioNTech COMIRNATY® (both paediatric and adolescent/adult formulations), the 2nd dose was administered ≥ 19 days after the 1st dose. Using Moderna SPIKEVAX®, the 2nd dose was administered ≥ 21 days after the 1st dose. If the 2 nd dose was administered less than minimum interval indicated above for the respective vaccine, consider the 2 nd dose invalid . Repeat with at least an 8-week interval from the date of the invalid dose. Inform the client of the potential for local and systemic adverse events.
	2 nd dose administered more than 8 weeks from the 1 st dose.	No interval is too long, and all doses would be considered valid.
	3 rd dose in the primary series administered less than 28 days from the 2 nd dose for moderately to severely immunocompromised individuals.	Consider the dose valid. If eligible, offer a booster dose when recommended.
	Booster dose given less than 6 months from the last dose in the primary series for individuals 12 to 17 years of age, or less than 4.5 months from the last dose in the primary series for individuals ≥ 18 years of age.	If ≥ 8 weeks has passed since the last dose in the primary series, consider the booster dose valid. If < 8 weeks has passed between the last dose in the primary series and the booster dose, consider the booster dose invalid and repeat the booster dose at least 6 months from the invalid dose.
Mixed COVID-19 Vaccines	A different COVID-19 vaccine used for the 1 st , 2 nd , or additional/booster doses.	Consider all doses valid regardless of the vaccine type, unless non-Health Canada authorized vaccines.
COVID-19 vaccine administered within 14 days before or after a non-COVID-19 vaccine	COVID-19 vaccine dose administered on the same day, or up to 14 days before or after another vaccine (a non-COVID-19 vaccine).	Both the COVID-19 and the other vaccine are valid. *Note: Co-administration has been approved for ages 12+.
Storage and Handling	Dose administered after improper storage and handling.	Contact RCDC and the pharmacy for advice. If RCDC and pharmacy consider the dose invalid, a repeated dose may be given. Consider delaying the repeat dose 8 weeks from the invalid dose. Inform the client of the potential for local and systemic adverse events.
	Dose administered past the expiration/beyond use date.	Contact RCDC and pharmacy for advice. If RCDC and pharmacy consider the dose invalid, a repeated dose may be given. Consider delaying the repeat dose 8 weeks from the invalid dose. Inform the client of the potential for local and systemic adverse events.



Diluent (Pfizer-BioNTech COMIRNATY® only)	Incorrect diluent type.	Contact RCDC and pharmacy for advice as it is likely the manufacturer will need to be contacted for guidance. If RCDC and the pharmacy consider the dose invalid, a repeated dose may be given. Consider delaying the repeat dose 8 weeks from the invalid dose. Inform the client of the potential for local and systemic adverse events.
	ONLY diluent administered.	Inform the client that no vaccine was administered. Administer the authorized (appropriately diluted) dose as soon as possible on the alternate deltoid muscle.
	Too much diluent administered.	For Pfizer-BioNTech COMIRNATY® paediatric formulation, if > 1.3 mL of diluent was added to the vial, consider this an invalid dose. For Pfizer-BioNTech COMIRNATY® adolescent/adult formulation, if > 2 mL of diluent was added to the vial, consider this an invalid dose. If the error is discovered on the same clinic day, administer a full repeat dose immediately on the alternate deltoid muscle. If the error is discovered after the clinic day: <ul style="list-style-type: none"> • If the invalid dose was a 1st dose, administer a full repeat dose when the error is discovered. • If the invalid dose was not the 1st dose, wait 8 weeks to offer the repeat dose.
	No diluent or less than the recommended diluent, resulting in higher than the authorized dose.	Consider this a valid dose. Inform the client of the potential for local and systemic adverse events.



References

Government of Canada. Quick Reference Guide on Use of COVID-19 Vaccine for Children 5 to 11 Years of Age:

Managing Vaccine Administration Errors or Deviations. Date modified 03 Feb 2022. Available from:

<https://www.canada.ca/en/public-health/services/diseases/2019-novel-coronavirus-infection/guidance-documents/quick-reference-guide-covid-19-vaccines-children/managing-administration-errors-deviations.html>

Government of Canada. COVID-19 Vaccine Guide for Youth and Adults (12 Years and Over): Managing COVID-

19 Vaccine Administration Errors or Deviations. Date modified 03 Feb 2022. Available from:

<https://www.canada.ca/en/public-health/services/diseases/2019-novel-coronavirus-infection/guidance-documents/quick-reference-guide-covid-19-vaccines/managing-administration-errors-deviations.html#ltad>