

Management of COVID-19 Vaccine Administration Errors and Deviations

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This table provides guidance and recommendations for immunization providers when immunization errors/deviations have occurred involving COVID-19 vaccine. These recommendations are applicable to Alberta and may differ from other jurisdictions. Immunization providers should follow their regulatory/employer guidance for reporting vaccine administration errors.

This policy is evergreen and will be updated as new information becomes available.

Type of Error/Deviation	Administration Error/Deviations	Vaccine Product	Dose	Recommended Action
Site/route	Incorrect site (i.e., site other than the deltoid muscle or vastus lateralis or ventrogluteal).	Any COVID-19 vaccine	Invalid	Repeat dose on the same day. If same day not possible, repeat dose ensuring <u>at least</u> 4 weeks from invalid dose.
	Incorrect route (i.e., route other than intramuscular).	Any COVID-19 vaccine	Invalid	
Incorrect vaccine type, including incorrect type for age	Use at a <u>younger age</u> than eligible as per the Alberta Immunization Policy (AIP).	Any COVID-19 vaccine administered to a child less than 6 months of age.	Invalid	Provide a complete series when the child is eligible, ensuring <u>at least</u> 4 weeks from the invalid dose.
		Any COVID-19 vaccine dose intended/licensed for an older age group administered to a child 6 months to 17 years of age.	Valid	The dose should be counted and not repeated.
	WHO approved (non Health Canada approved) vaccines - Use at <u>younger age</u> than approved by WHO.	Covovax vaccine administered to a child 6 months to 17 years of age.	Valid	WHO approved vaccine doses should be counted as valid COVID-19 vaccine doses and not repeated. Administer XBB.1.5 vaccine as outlined in the AIP.
		Sinovac vaccine administered to a child 3 to 17 years of age.	Valid	WHO approved vaccine doses should be counted as valid COVID-19 vaccine doses and not repeated. Administer XBB.1.5 vaccine as outlined in the AIP.
		Sinovac vaccine administered to a child 6 months to 3 years of age. ¹	Invalid	Consider unimmunized and provide age appropriate COVID-19 vaccine per the AIP.
		Sinopharm, Covaxin, Convidecia administered to a child 6 months to 17 years of age.	Invalid	Consider unimmunized and provide age appropriate COVID-19 vaccine per the AIP.

Type of Error/Deviation	Administration Error/Deviations	Vaccine Product	Dose	Recommended Action
Intervals	Second or third dose in a series administered at less than 28 days (including on the same day).	Moderna XBB.1.5	Invalid	Repeat dose <u>at least</u> 4 weeks after invalid dose.
	Single XBB.1.5 dose administered less than 28 days after a non-XBB.1.5 COVID-19 vaccine dose.	Moderna XBB.1.5	Invalid	Repeat dose <u>at least</u> 3 calendar months after invalid dose.
Dosage error (but correct vaccine type)	Higher-than-authorized dose volume administered.	Any COVID-19 vaccine	Valid	** Inform the recipient of the potential for local and systemic adverse events. Encourage self-monitoring and reporting. ACTIVE daily surveillance to monitor for adverse events is not required.
	Lower-than-authorized dose/volume administered (e.g., partial dosage, leaked out, equipment failure, recipient pulled away). (Scenarios not covered above in the vaccines used in older age groups than eligible in the AIP section)	Any COVID-19 vaccine Any partial and <u>unknown</u> dose.	Invalid	Administer correct dose on the same day. If same day not possible, administer correct dose ensuring <u>at least</u> 4 weeks from invalid dose.
		Any COVID-19 vaccine Any partial and <u>known</u> dose.	Invalid	If a known partial dose is administered, administer correct dose on same day if possible. Exception – if a known partial dose of Moderna is administered, offer only the remainder of the dose on the same day. If same day not possible, administer correct dose ensuring <u>at least</u> 4 weeks from invalid dose.
Storage and Handling	Dose administered after improper storage and handling (e.g., temperature excursion).	Any COVID-19 vaccine Contact the manufacturer for guidance on whether or not the dose is valid.		If the manufacturer deems the dose invalid, repeat the dose same day or as soon as possible.
	Dose administered past the expiration/beyond use date.			
Vaccines received in other countries	Refer to Guidance on World Health Organization (WHO) Approved COVID-19 Vaccines for the list of non-Health Canada authorized COVID-19 vaccines that are currently accepted and considered valid in Alberta.			

¹ World Health Organization. (2023 January 12). Status of COVID-19 Vaccines within WHO EUL/PQ evaluation process. https://extranet.who.int/pqweb/sites/default/files/documents/Status_COVID_VAX_12January2023.pdf