

	Name of Activity: Management of COVID-19 Vaccines to Minimize Wastage	
	Role Performing Activity: Saskatchewan Health Authority, Athabasca Health Authority, Northern Intertribal Health Authority, First Nations and Inuit Health Branch Staff Ministry of Health	
WORK STANDARD	Location: COVID-19 Immunization Manual	Department: Population Health Branch
	Document Owner: Vaccine Management Team	Region/Organization where this Work Standard originated: Ministry of Health Population Health Branch
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Work Standard Summary: This work standard outlines measures to minimize vaccine wastage and the process for reporting COVID-19 vaccine wastage due to vaccine being expired, not administered or defective.

Essential Tasks:	
1.	Immunization Teams should have a clear plan to manage unallocated vaccine at the end of a clinic each time that vaccine is transported off site for immunization delivery.
2.	<p>Transport unused/unopened vials and/or open/punctured vials (if permitted), to the vaccine storage facility as per guidelines below:</p> <p><u>All mRNA COVID-19 Vaccines</u></p> <ul style="list-style-type: none"> • Open vials may be transported as outlined in the following work standards located in the Ministry of Health’s COVID-19 Immunization Manual: <ul style="list-style-type: none"> ○ <i>Transportation of Moderna COVID-19 Vaccine in Frozen or Thawed State</i> ○ <i>Transportation of Pfizer COVID-19 Vaccine in Frozen or Thawed State</i> <p><u>Novavax Nuvaxovid®</u></p> <ul style="list-style-type: none"> • After first vial puncture, use within 12 hours stored between +2°C to +8°C or within 6 hours if stored at room temperature (up to +25°C). • Refer to work standard <i>Transportation of Fridge Stable COVID-19 Vaccines</i> located in the Ministry of Health’s COVID-19 Immunization Manual.
3.	<p>To reduce closed vial wastage:</p> <ul style="list-style-type: none"> • Where there are freezers available, store vials of Pfizer Comirnaty® between -90 °C to -60°C and Moderna Spikevax™ between -50°C to -15 °C for as long as possible and move to the fridge based on booked appointments. For walk-in clinics, utilize doses from vials that are already thawed whenever possible. • SHA, ISC and NITHA immunization coordinators or designates will: <ul style="list-style-type: none"> ○ Actively monitor each site’s inventory of frozen and refrigerated vials (including expiry dates). ○ Are consulted by sites before a COVID-19 vaccine order is placed in Panorama. ○ Facilitate re-distribution of surplus thawed or frozen vaccine supply within their networks and communities before ordering from RRPL. • Sites that order vaccine from RRPL and do not have a freezer should only order enough vaccine to meet expected demand between their routine deliveries (based on booked appointments and most recent trends for walk-in appointments). <p>To reduce open vial wastage, utilize doses from vials that have already been punctured within a clinic site whenever possible.</p>

Essential Tasks:	
4.	<p>If there is vaccine available at the end of a clinic, the following steps support decisions regarding vaccine management and allocation:</p> <ol style="list-style-type: none"> a) Teams pull forward people already booked into the clinic, as available. b) If option (a) is exhausted, contact eligible recipients from the standby list created by the local schedulers (if applicable). c) On site immunization teams may immunize their peers (the immunization team members), if eligible.
5.	<p>If vaccine is unable to be used following the guidelines above, complete a Product Wastage Report Form available at the Ministry of Health’s COVID-19 Immunization Manual. Follow the process below in steps 5 to 7.</p>
6.	<p>Definition of Wastage</p> <p>Not Administered: product has been stored in a refrigerator or at room temperature and the duration allowed within the vaccine-specific storage condition has passed or unused doses in syringe or vial due to length of time product can be stored once punctured/diluted has passed. (Examples: unpunctured Pfizer vial stored in fridge for longer than 10 weeks; Pfizer Pediatric 5-11 vaccine open vial for more than 12 hours).</p> <p>Expired: the expiry date printed on product label or as indicated by the manufacturer has passed and product is closed in the original package (ensure “closed” is checked off on form) or opened/punctured (ensure “open” is checked off on form). See Appendix A for a summary of COVID-19 vaccine expiry date extensions.</p> <p>Defective or Damaged: Issue with product integrity or function such as leakage from needle hub, label is missing or is illegible, or product appears to contain foreign particulate matter that will not dissolve, or is discoloured.</p>
7.	<p>Complete the Product Wastage Report Form</p> <ul style="list-style-type: none"> • The Product Wastage Report form is available at the Ministry of Health’s COVID-19 Immunization Manual • Indicate only one reason for wastage. See definitions above. • NOTE for Moderna Spikevax™ XBB 1.1.5 (0.1 mg/mL Royal Blue Cap/Coral Blue Label), reflect wastage quantity based on 5 doses per vial. Indicate half doses when used to immunize those age 6 months to 11 years, as applicable (ex. 3.5 doses wasted). • Products involved in cold chain breaks are not included on the Vaccine Wastage Report Form. • For COVID-19 Vaccines submit the report immediately to the Ministry of Health by faxing to 306-787-3237.
8.	<p>For a defective or damaged product</p> <ul style="list-style-type: none"> • Complete the Publicly Funded Vaccine Problem Report available at the Ministry of Health’s COVID-19 Immunization Manual and fax to the Ministry of Health at 306-787-3237 and also email it to the SHA at ghanalyticsrequests@saskhealthauthority.ca.

Appendix A- COVID-19 Vaccine Expiry Date Extensions

Moderna Spikevax™ XBB.1.5 Vaccine

An expiry date extension has been authorized for certain lots of **SPIKEVAX XBB.1.5 (andusomeran mRNA vaccine)** COVID-19 vaccine.

The three lots shown in the table below may remain in use for **3 months beyond the printed expiry date on the vial lab**

The new expiry dates are updated in Panorama, CQE, and VDTs.

Product	Lot #	Printed Expiry Date	Revised Expiry Date
Moderna Spikevax™ 0.1mg/ml (Royal Blue Cap/Coral Blue)	020G23A	29 April 2024	29 July 2024
	021G23A	27 April 2024	27 July 2024
	022G23A	01 May 2024	01 August 2024