

## Vaccine Clinic Resource for Immunizers

**Disclaimer:** this Quick Reference is not intended to replace other product specific vaccine references. The document is intended as a quick reference for frequently referred to information. Please refer to the product monograph for all current and complete information.

<b>Title:</b>	<b>Flu &amp; Pneumo Vaccine Quick Reference Guide 2023-2024</b>
<b>Flu vaccine compositions comply with the WHO's recommendations for the 2023-2024 season:</b>	A/Victoria/4897/2022 (H1N1)pdm09-like virus A/Darwin/9/2021 (H3N2)-like virus B/Austria/1359417/2021 (B/Victoria lineage)-like virus B/Phuket/3073/2013 (B/Yamagata lineage)-like virus
<b>Formulations:</b>	<b>IIV4-SD</b> (Inactivated Influenza Vaccine Quadrivalent- Standard dose) <b>IIV4-HD</b> (Inactivated Influenza Vaccine Quadrivalent- High dose) <b>Pneu-P-23</b> (Pneumococcal Polysaccharide)
<b>Eligibility Criteria:</b>	<a href="#">Seasonal Flu   Health   Province of Manitoba (gov.mb.ca)</a> <a href="#">Vaccine Eligibility   Health   Province of Manitoba</a>
<b>Fact Sheets:</b>	<a href="#">Seasonal Influenza Vaccine</a> <a href="#">High Dose Seasonal Influenza Vaccine for People Aged 65 years and Older</a> <a href="#">Polysaccharide (Pneu-P-23) Vaccine</a>
<b>Canadian Immunization Guide:</b>	Influenza Vaccine: <a href="#">Influenza vaccine: Canadian Immunization Guide - Canada.ca</a> Pneumococcal Vaccine: <a href="#">Pneumococcal vaccine: Canadian Immunization Guide - Canada.ca</a>

**Note:** Egg allergic individuals may be vaccinated using any of the seasonal influenza vaccines available in MB, without prior influenza vaccine skin test and with the full dose, irrespective of a past severe reaction to egg, and without any extraordinary precautions, but ensuring that immunizers be prepared with the necessary equipment, knowledge and skills to respond to a vaccine emergency.

**Fluzone® Quadrivalent (IIV4-SD): Use in 6 months of age and older**

Sanofi Pasteur Limited

Presentation	Storage and Handling	Administration (Dosage/route/schedule)	Ingredients/ Potential Allergens
<p><b>Supplied:</b> 0.5ml single dose prefilled syringes (package of 10) OR 5 ml multidose vial (10 doses)</p> <p>Shake well to uniformly distribute the suspension and inspect visually before administering each dose.</p> <p>After shaking well, solution is clear to slightly opalescent in colour.</p> <p>There should NOT be any particulate matter and/or discolouration- if these exist, do not administer.</p> <p><b>Product Monograph:</b> <a href="https://www.gov.mb.ca/health/flu/docs/pm/fluzone-qiv.pdf">https://www.gov.mb.ca/health/flu/docs/pm/fluzone-qiv.pdf</a></p>	<p><b>Storage:</b> 2 to 8 degrees C°</p> <p><b>Do not freeze</b> <i>Discard product if exposed to freezing</i></p> <p>Once punctured, the multi-dose vial can be used until expiry date.</p> <p>Unpunctured vial is stable until expiry date.</p> <p>A maximum of 10 doses can be withdrawn from a multidose vial</p> <p>Protect from light</p>	<p><b><u>6 months to 8 years of age:</u></b></p> <p><b>Dose:</b> 0.5ml dose</p> <p><b>Route:</b></p> <ul style="list-style-type: none"> <li>➤ 6m to less than 12m of age: IM Vastus lateralis</li> <li>➤ 12m and older: IM Deltoid</li> </ul> <p><b>Schedule:</b> 1 or 2 doses <i>Children 6m to 8 years of age who have not previously been vaccinated against influenza should receive a second dose at least 4 weeks later</i></p> <p><b>Recommended Needle Gauge and Length:</b> 22-25G 5/8"-1"</p> <hr/> <p><b><u>9 years of age and older:</u></b></p> <p><b>Dose:</b> 0.5ml dose</p> <p><b>Route:</b> IM Deltoid</p> <p><b>Schedule:</b> 1 dose</p> <p><b>Recommended Needle Gauge and Length:</b> 22-25G 1"-1 1/2"</p>	<ul style="list-style-type: none"> <li>• Egg proteins</li> <li>• Formaldehyde</li> <li>• Sodium phosphate-buffered</li> <li>• Isotonic sodium chloride</li> <li>• Triton® X-100</li> <li>• Thimerosal (in the multidose vial only)</li> </ul> <p><b>LATEX FREE</b></p>

<b>FluLaval® Tetra (IIV4-SD): Use in 6 months of age and older</b>			
<i>GlaxoSmithKline Inc</i>			
<b>Presentation</b>	<b>Storage and Handling</b>	<b>Administration (Dosage/route/schedule)</b>	<b>Ingredients/ Potential Allergens</b>
<p><b>Supplied:</b> 5 ml multidose vial (10 doses)</p> <p>Shake well prior to each administration and inspect visually for any foreign particulate matter and/or variation of physical aspect prior to administration. In the event of either, discard the vaccine.</p> <p>Liquid should be opalescent translucent to off-white suspension that may sediment slightly.</p> <p><b>Product Monograph:</b>  <a href="https://www.gov.mb.ca/health/flu/docs/pm/flulaval-tetra.pdf">https://www.gov.mb.ca/health/flu/docs/pm/flulaval-tetra.pdf</a></p>	<p><b>Storage:</b> 2 to 8 degrees C°</p> <p><b>Do not freeze</b>  <i>Discard product if exposed to freezing</i></p> <p>The vaccine is stable for 12 months. Do not use past the expiry date.</p> <p>Once punctured, the multi-dose vial should be discarded within 28 days.</p> <p>Protect from light</p>	<p><b><u>6 months to 8 years of age:</u></b></p> <p><b>Dose:</b> 0.5ml dose</p> <p><b>Route:</b></p> <ul style="list-style-type: none"> <li>➤ 6m to less than 12m of age: IM Vastus lateralis</li> <li>➤ 12m and older: IM Deltoid</li> </ul> <p><b>Schedule:</b> 1 or 2 doses  <i>Children 6m to age 8 who have not previously been vaccinated against influenza should receive a second dose at least 4 weeks later</i></p> <p><b>Recommended Needle Gauge and Length:</b>            23-25G 5/8"-1"</p>	<ul style="list-style-type: none"> <li>• α- tocopheryl hydrogen succinate</li> <li>• Polysorbate 80</li> <li>• Phosphate buffered saline</li> <li>• Thimerosal</li> </ul> <p>Trace amounts of:</p> <ul style="list-style-type: none"> <li>• Egg proteins</li> <li>• Ethanol</li> <li>• Formaldehyde</li> <li>• Sodium deoxycholate</li> <li>• Sucrose</li> </ul> <p><b>LATEX FREE</b></p>
		<p><b><u>9 years of age and older:</u></b></p> <p><b>Dose:</b> 0.5ml dose</p> <p><b>Route:</b> IM Deltoid</p> <p><b>Schedule:</b> 1 dose</p> <p><b>Recommended Needle Gauge and Length:</b>            23-25G 1"-1 ½"</p>	

<b>Afluria® Tetra (IIV4-SD): Use in 5 years of age and older</b> <i>Seqirus</i>			
<b>Presentation</b>	<b>Storage and Handling</b>	<b>Administration (Dosage/route/schedule)</b>	<b>Ingredients/ Potential Allergens</b>
<p><b>Supplied:</b> 0.5ml single dose prefilled syringes (package of 10) OR 5 ml multidose vial (10 doses)</p> <p>Shake well to uniformly distribute the suspension and inspect visually before administering each dose.</p> <p>The vaccine is a slightly opaque liquid with some white particulate sediment that resuspends upon shaking to form a homogenous suspension.</p> <p>Do not use if extraneous particulate matter and/or discoloration is observed.</p> <p><b>Product Monograph:</b> <a href="https://www.gov.mb.ca/health/flu/docs/pm/afluria-tetra.pdf">https://www.gov.mb.ca/health/flu/docs/pm/afluria-tetra.pdf</a></p>	<p><b>Storage:</b> 2 to 8 degrees C°</p> <p><b>Do not freeze</b> <i>Discard product if exposed to freezing</i></p> <p>The shelf-life of the vaccine is 12 months. Do not use past the expiry date.</p> <p>Unpunctured vial is stable until expiry date on package.</p> <p>Once punctured, the multi-dose vial must be used within 28 days.</p> <p>A maximum of 10 doses can be withdrawn from a multidose vial (do not exceed 10 needle punctures)</p> <p>Protect from light</p>	<p><b><u>5 to 8 years of age:</u></b></p> <p><b>Dose:</b> 0.5ml dose</p> <p><b>Route:</b> IM Deltoid</p> <p><b>Schedule:</b> 1 or 2 doses <i>Children age 5 to age 8 who have not previously been vaccinated against influenza should receive a second dose at least 4 weeks later</i></p> <p><b>Recommended Needle Gauge and Length:</b> 22-25G 7/8"-1"</p>	<ul style="list-style-type: none"> <li>• Calcium chloride</li> <li>• Dibasic sodium phosphate</li> <li>• Monobasic sodium phosphate</li> <li>• Monobasic potassium phosphate</li> <li>• Potassium chloride</li> <li>• Sodium chloride</li> <li>• Thimerosal (multidose vial only)</li> </ul> <p>May also contain trace amounts of:</p> <ul style="list-style-type: none"> <li>• Sodium Taurodeoxycholate</li> <li>• Beta-propiolactone</li> <li>• Hydrocortisone</li> <li>• Sucrose</li> <li>• Neomycin Sulfate</li> <li>• Polymyxin B Sulfate</li> <li>• Egg Protein</li> </ul> <p><b>LATEX FREE</b></p>
		<p><b><u>9 years of age and older:</u></b></p> <p><b>Dose:</b> 0.5ml dose</p> <p><b>Route:</b> IM Deltoid</p> <p><b>Schedule:</b> 1 dose</p> <p><b>Recommended Needle Gauge and Length:</b> 22-25G 1"-1 ½"</p>	

**Fluzone® High-Dose Quadrivalent (IIV4-HD): Use in 65 years of age and older**

Sanofi Pasteur

Presentation	Storage and Handling	Administration (Dosage/route/schedule)	Ingredients/ Potential Allergens
<p><b>Supplied:</b> 0.7ml single dose prefilled syringes (package of 10)</p> <p>Shake well to uniformly distribute the suspension and inspect visually before administering each dose. After shaking the syringe, the liquid should be clear and slightly opalescent in colour.</p> <p>Do not use if extraneous particulate matter and/or discolouration is observed.</p> <p><b>Product Monograph:</b> <a href="https://www.gov.mb.ca/health/flu/docs/pm/fluzone-hd-qiv.pdf">https://www.gov.mb.ca/health/flu/docs/pm/fluzone-hd-qiv.pdf</a></p>	<p><b>Storage:</b> 2 to 8 degrees C°</p> <p><b>Do not freeze</b> <i>Discard product if exposed to freezing</i></p> <p>Do not use after the expiration date shown on the label</p> <p>Protect from light</p>	<p><b>65 years of age and older:</b></p> <p><b>Dose:</b> 0.7ml dose</p> <p><b>Route:</b> IM Deltoid</p> <p><b>Schedule:</b> 1 dose</p> <p><b>Recommended Needle Gauge and Length:</b> 22-25G 1"-1 ½"</p>	<ul style="list-style-type: none"> <li>• Triton® X-100</li> <li>• Sodium phosphate-buffered isotonic sodium chloride solution</li> </ul> <p>Trace amounts of:</p> <ul style="list-style-type: none"> <li>• Egg Protein</li> <li>• Formaldehyde</li> </ul> <p><b>LATEX FREE</b></p>

**Pneumovax 23® (Pneu-P-23 Penumococcal Polysaccharide): Use in 65 years of age and older**

And those 2 years of age and older who meet the [Manitoba Health Eligibility Criteria](#)

Merck Canada

Presentation	Storage and Handling	Administration (Dosage/route/schedule)	Ingredients/ Potential Allergens
<p><b>Supplied:</b> 0.5ml single dose prefilled syringes</p> <p><b>Product Monograph:</b> <a href="#">[Product Monograph Template - Schedule D] (hres.ca)</a></p>	<p><b>Storage:</b> 2 to 8 degrees C°</p> <p><b>Do not freeze</b> <i>Discard product if exposed to freezing</i></p> <p>Do not use after the expiration date shown on the label</p> <p>Protect from light</p>	<p><b>2 years of age and older:</b></p> <p><b>Dose:</b> 0.5ml</p> <p><b>Route:</b> IM Deltoid OR Subcutaneous (SC)</p> <p><b>Schedule:</b> 1 dose <i>A second dose may be recommended for those at highest risk. This should be assessed by the primary health care provider.</i></p> <p><b>Recommended Needle Gauge and Length:</b> IM: 22-25G 1"-1 ½" SC: 25G 5/8"</p>	<ul style="list-style-type: none"> <li>• Sodium chloride</li> <li>• Phenol</li> </ul> <p><b>LATEX FREE</b></p>