

Seasonal Influenza Vaccine Quick Reference Guide 2020-2021

Publicly funded seasonal influenza vaccines available in Manitoba:

For individuals that meet the [Manitoba Health Eligibility Criteria](#). Refer to MHSAL [Influenza](#) Vaccine fact sheet.

(Quadrivalent (IIV4-SD) and trivalent high dose (IIV3-HD) influenza vaccines contain the following strains:

A/Guangdong-Maonan/SWL1536/2019 (H1N1)pdm09-like virus	A/Hong Kong/2671/2019 (H3N2)-like virus	B/Washington/02/2019 (B/Victoria lineage)-like virus	*B/Phuket/3073/2013 (B/Yamagata lineage)-like virus
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*Of the four strains indicated, this strain is not included in the high-dose influenza vaccine for the 2020-21 season.

Product Name/ Manufacturer	Fluzone® Quadrivalent Sanofi Pasteur	Flulaval® Tetra GlaxoSmithKline	Afluria Tetra Seqirus	Fluzone® High Dose Sanofi Pasteur
Manitoba Eligibility Criteria	Universal <i>(*International students and out-of-province visitors continue to be eligible to receive the flu vaccine free-of-charge regardless of third-party insurance and/or MHSAL coverage).</i>		Universal (for those 5 years and older)	65 years and older AND Resident of LTCF, including chronic care residents, OR resident of supportive & assisted living housing, OR client in interim/transitional care bed, respite care or new, unimmunized resident admitted to a LTCF during flu season, OR in a provincial correctional facility, including newly incarcerated or transfer from other federal or out of province correctional facilities, OR receiving homecare services while on a wait list for admission to LTCF, OR living on First Nation or remote/isolated community, OR living north of the 53rd parallel of latitude
Vaccine preparations	IIV4-SD (Inactivated influenza vaccine quadrivalent-standard dose) 15 µg HA per strain			IIV3-HD (Inactivated influenza vaccine trivalent-high dose) 60 µg HA/0.5 ml
Route of Administration	IM			
Authorized age for use	≥ 6 months		≥ 5 years	≥ 65 years
Clinically relevant non-medicinal ingredients	<ul style="list-style-type: none"> Egg Protein Formaldehyde Triton x-100 Sucrose 	<ul style="list-style-type: none"> Egg protein α- tocopheryl hydrogen succinate Polysorbate 80 Formaldehyde Ethanol Sodium deoxycholate Sucrose 	<ul style="list-style-type: none"> Egg Protein Calcium chloride Dibasic sodium phosphate (anhydrous) Monobasic potassium phosphate Monobasic sodium phosphate Potassium chloride Sodium chloride Sodium Taurodeoxycholate Betapropiolactone Sucrose Hydrocortisone 	<ul style="list-style-type: none"> Egg Protein Formaldehyde Triton x-100 Sucrose <div style="border: 1px solid red; padding: 5px; margin-top: 10px;"> <p>*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.</p> </div>
Thimerosal	Yes -multi-dose vial No -single dose pre-filled syringe	Yes	Yes- multi dose vial No -single dose pre-filled syringe	No

Antibiotics	No	No	Neomycin & Polymixin B	No
Latex	No			
Format available	<ul style="list-style-type: none"> 10 dose vial (5 ml) Single dose pre-filled syringe 	10 dose vial (5 ml)	<ul style="list-style-type: none"> 10 dose vial (5 ml) Single dose pre-filled syringe 	Single dose pre-filled syringe
Post puncture shelf life for multi-dose vial	Until expiry date	28 days	28 days for multi-dose vials	N/A
Use in pregnancy	Recommended			N/A
Storage	Store in a refrigerator (2°C – 8°C) DO NOT FREEZE Protect from light			

Dosage:

Age Group	IIV4-SD or IIV3-HD			Number of doses required
	Dose	Route/Site	Recommended Needle Gauge and Length*	
6 ≤ 12 months	0.5 ml	IM Vastus lateralis	22-25 gauge 7/8"(2.2 cm) - 1"(2.5 cm) long	1 or 2**
>12-23 months				1 or 2**
2-8 years				1 or 2**
9-17 years		IM Deltoid	22-25 gauge 1"(2.5 cm) - 1 ½" (3.8 cm) long	1
18-59 years				1
60-64 years				1
≥ 65 years				1

For IM injections, the needle must be long enough to reach muscle but not involve underlying nerves, blood vessels, or bone; insert the needle as far as possible into the muscle.

** Children 6 months to less than 9 years of age who have never received the seasonal influenza vaccine require two doses of influenza vaccine, with a minimum interval of four weeks between doses. Eligible children <9 years of age who have properly received one or more doses of seasonal influenza vaccine in the past should receive one dose per influenza vaccination season thereafter.

Pneumococcal Polysaccharide (Pneu-P-23) Vaccine:

Provided free of charge to individuals that meet the [Manitoba Health Eligibility Criteria](#). Refer to *Manitoba Health [Pneumococcal Polysaccharide Vaccine fact sheet](#)*.

Vaccine Components:

Name of Vaccine	Potential Allergens	Comments	Supplied
Pneumovax 23® Merck Canada	Sodium chloride, Phenol	Does not contain latex	Single dose vial

Dosage:

Age	Dose	# of doses	Route	Needle Gauge/ Length
2 years or older	0.5ml	* Typically only 1 dose is necessary. * A second dose may be recommended for those at highest risk. This should be assessed by their primary health care provider.	IM (preferred route)	1"-1 ½" 22-25G
			SQ	5/8" 25 G

Sources:

[Manitoba's 2020/21 Seasonal Influenza Immunization Program Plan](#) – September 2020
[NACI statement on Seasonal Influenza vaccine 2020-21](#)
[Fluzone Quadrivalent Sanofi Pasteur Canada product monograph](#) April 30, 2020
[Afluria Tetra-Seqirus Canada product monograph](#)- April 24, 2020
[Flulaval Tetra GlaxoSmithKline Canada product monograph](#) revision 2020
[Pneumovax 23 Merck Canada product monograph](#) August 22, 2018
[Fluzone HD Trivalent Sanofi Pasteur Canada product monograph](#) April 28, 2020