

Influenza Immunization Protocol for Fluzone[®] High-Dose (HD) Quadrivalent (QIV)

Purpose	Provide information and guidance for the Influenza Immunization Program in Nunavut.
Objective	To reduce morbidity and mortality secondary to Influenza infection.
Indication	FLUZONE [®] High-Dose Quadrivalent (FLUZONE [®] HD QIV) vaccine is indicated for active immunization against influenza caused by the specific strains of influenza virus contained in the vaccine in adults 65 years of age and older.
Eligibility	FLUZONE [®] HD QIV is indicated for adults 65 years of age and older residing in long-term/continuing care facilities in Nunavut.
Product	FLUZONE [®] High-Dose Quadrivalent
Vaccine type	Quadrivalent Inactivated – split virus (for more information see references)
Vaccine components	<p>Active Ingredients: Each 0.7 mL dose contains 60 µg HA of each strain listed below:¹</p> <ul style="list-style-type: none"> • A/Victoria/2570/2019 (H1N1) pdm09 - like strain (A/Victoria/2570/2019, IVR-215) • A/Darwin/9/2021 (H3N2) - like strain (A/Darwin/9/2021, SAN-010) • B/Austria/1359417/2021 - like strain (B/Michigan/01/2021, wild type) • B/Phuket/3073/2013 - like strain [B/Phuket/3073/2013, wild type] <p>Other Ingredients: 0.7 mL dose: ≤ 350 µg octylphenol ethoxylate (Triton[®] X-100), ≤ 200 µg/mL formaldehyde and up to 0.7 mL sodium phosphate buffered isotonic sodium chloride solution.¹</p>
Formats available	FLUZONE [®] HD QIV is available in packages of: 5 x 0.7 mL (single dose) syringes without attached needle. 10 x 0.7 mL (single dose) syringes without attached needle.
Manufacturer	Sanofi Pasteur Limited
Administration	<p>Inspect for extraneous particulate matter and/or discoloration before use. If either of these conditions exist, the product should not be administered.</p> <p>Shake the prefilled syringe well to uniformly distribute the suspension before administering the dose.</p> <p>Administer the vaccine intramuscularly. The preferred site is the deltoid muscle. FLUZONE[®] HD QIV should not be administered into the buttocks.</p>

Dose Series	The recommended dosage of FLUZONE® HD QIV is 1 dose of 0.7 mL, annually.
Booster Dose	N/A
Vaccine interchangeability	Nunavummiut who meet the eligibility criteria with no contraindications have a choice to receive either FLUZONE® HD QIV or FLULAVAL TETRA®.
Concomitant Administration	<p>FLUZONE® HD QIV may be given at the same time as other inactivated or live vaccines. NACI has determined that COVID-19 vaccines may be administered concomitantly with, or at any time before or after, non-COVID-19 vaccines, including Quadrivalent Influenza Vaccine (QIV).³ Please take the opportunity to review COVID-19 immunization history and offer immunization to eligible individuals.</p> <p>Additionally, unimmunized adults over 50 years old who have not received pneumococcal polysaccharide vaccine (Pneumovax 23) should be offered this vaccine.</p>
Contraindications	<p>FLUZONE® HD QIV should not be administered to people who have had an anaphylactic reaction to a specific influenza immunization, or to any of the components of a specific influenza vaccine, with the exception of egg.²</p> <p>Anaphylactic reaction to a previous dose of influenza vaccine or to any of the vaccine components;</p> <p>An apparent allergic reaction to the vaccine or any other symptoms (e.g. throat constriction, difficulty swallowing) that raise concern regarding the safety of re- immunization;</p> <p>Severe lower respiratory symptoms (wheeze, chest tightness, difficulty breathing) within 24 hours prior to influenza vaccine.</p> <p>Guillain-Barré syndrome (GBS) has been temporally associated with the administration of influenza vaccine. If GBS has occurred within 6 weeks following previous influenza vaccination, the decision to give FLUZONE® HD QIV should be based on careful consideration of the potential benefits and risks. Please consult the RCDC.</p>
Precautions and Additional Notes	<p>The National Advisory Committee on Immunization (NACI) has concluded that egg allergic individuals may be vaccinated against influenza using Quadrivalent Influenza Vaccine (QIV) without a prior influenza vaccine skin test and with the full dose in any setting where vaccines are routinely administered.²</p> <p>Persons with serious acute febrile illness usually should not be vaccinated until their symptoms have abated. Those with mild non-serious febrile illness (such as mild upper respiratory tract infections) may be given influenza vaccine.</p>
Vaccine Supply and Distribution	Review section on vaccine ordering in the Policy and Procedure section of the Nunavut Drug Formulary.
Storage	Store in monitored vaccine refrigerator between 2°C and 8°C. Keep in original packaging.

	<p>Protect from light.</p> <p>DO NOT FREEZE. Freezing destroys the active components of the vaccine.</p> <p>Follow cold chain protocol and inform RCDC and regional pharmacy for guidance if a cold chain break occurs.</p>
Consent	Consent forms must be reviewed and signed by the client prior to vaccination.
Anaphylaxis	<p>Review the principles of the emergency management of anaphylaxis in the Nunavut Immunization Manual Section 3 (3.7).</p> <p>Further information can be found in the Canadian Immunization Guide.²</p>
Side Effects	<p><u>Injection site</u>: pain, tenderness, redness, swelling at injection site.</p> <p><u>Systemic</u>: fever, fatigue, headache, malaise, and myalgia.</p>
Reportable Adverse Events/Side Effects	<p>Report all serious adverse events requiring medical attention, unusual/unexpected events, or medication errors to RCDC.</p> <p>Review section 3.5 Management and Reporting of Adverse Events in the Nunavut Immunization Manual.</p>
Documentation	All immunizations given should be documented on the FLUZONE® HD QIV Consent Form and electronic record.
Materials and Resources	<p>All protocols and materials are available on the Department of Health website (Manuals / Guidelines Government of Nunavut)</p> <p>Nunavut Immunization Manual</p> <p>Fluzone® High-Dose Quadrivalent Fact Sheet</p> <p>Fluzone® High-Dose Quadrivalent Consent Form</p>
References	<ol style="list-style-type: none"> 1. Fluzone® High-Dose Quadrivalent. Product Monograph. Sanofi Pasteur. April 19, 2022. Available at: 00067331.PDF (hres.ca) 2. Public Health Agency of Canada. Canadian Immunization Guide – Evergreen Edition (2012). Available at: http://www.phac-aspc.gc.ca/publicat/cig-gci/index-eng.php 3. Summary of National Advisory Committee on Immunization (NACI) statement: Recommendations on the use of COVID-19 vaccines - Canada.ca



ᐱᓄᓂᐱᓐᓂᓐ ᐱᓄᓂᓐ
 Department of Health
 Munaqhiliqiyitkut
 Ministère de la Santé

Please fill in OR addressograph/affix label:
 Last Name: _____
 First Name: _____
 Sex (M/F): _____
 DOB (dd/mm/yyyy): _____
 Chart #: _____
 Age: _____
 Community of Residence: _____

Seasonal Influenza Vaccine Consent Form (FLUZONE® High-Dose (HD) Quadrivalent (QIV) for IM injection)

For the person receiving the vaccine, please answer:

1	Are you sick today? No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
2	Have you ever experienced any of the following after an influenza vaccine (please ✓ all that apply):	None <input type="checkbox"/>	
	Wheezing or chest tightness <input type="checkbox"/> Yes <input type="checkbox"/> No	Difficulty breathing or swallowing <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Swelling of the mouth or throat <input type="checkbox"/> Yes <input type="checkbox"/> No	Hospitalization <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Guillain-Barré Syndrome <input type="checkbox"/> Yes <input type="checkbox"/> No	Other severe reaction (specify): _____ <input type="checkbox"/> Yes <input type="checkbox"/> No	
3	Do you have bleeding problems? Do you take blood thinners?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
		<input type="checkbox"/> Yes	<input type="checkbox"/> No
4	Are you allergic to (please ✓ all that apply) :		
	Thimerosal <input type="checkbox"/> Yes <input type="checkbox"/> No	Formaldehyde <input type="checkbox"/> Yes <input type="checkbox"/> No	Triton® X100 <input type="checkbox"/> Yes <input type="checkbox"/> No

If you ✓ Yes to any above, please discuss with nurse.

CONSENT FOR FLUZONE® High-Dose Quadrivalent:

I have read or had the *FLUZONE® High-Dose Quadrivalent Fact Sheet* explained to me. I have had a chance to ask questions which were answered to my satisfaction. I understand the benefits and risks of the vaccine. I consent to FLUZONE® High-Dose Quadrivalent being given to: My Ward or Myself

Print Name

Signature of Client or Legal Guardian

Date (dd/mm/yyyy)

Age 65 years+ residing in long-term care facility							
Dose	Date	Time	Dose	Route	Vaccine	Lot Number	Signature & Designation
1	____/____/____ <i>dd mm yyyy</i>		0.5 mL	IM	FLUZONE® HD QIV		

Fact Sheet

Fluzone® High-Dose (HD) Quadrivalent (QIV) Influenza Vaccine

What is Influenza (flu)?

Influenza (flu) is a contagious disease caused by the influenza virus. It spreads through coughing, sneezing or nasal fluids.

Symptoms include: fever, cough, loss of appetite, muscle aches, sore throat and feeling very tired.

People usually get the flu between November and May, but flu season most often peaks in January or February.

Who can receive this vaccine?

In Nunavut, anyone age 65 years and older who also lives in a long-term care facility is eligible to receive Fluzone® HD QIV. There is a different influenza vaccine available to all other Nunavummiut over 6 months of age. Everyone who is eligible should receive a flu vaccine annually.

What are benefits of the vaccine?

It protects Nunavummiut from getting sick with Influenza.

It protects the community and those most at risk of complications from influenza.

It can protect Nunavummiut at highest risk of severe illness from hospitalization and even death.

Is Fluzone® HD QIV safe?

Yes. The most common side effects are pain and redness at the injection site. Occasionally it can cause fever, tiredness, headache or sore muscles. This is a normal reaction to the vaccine and indicates that your body is making antibodies to the disease. Many people have no side effects at all from the vaccine.

With all vaccines, there is a very rare chance of a severe allergic reaction called *anaphylaxis*. Anaphylaxis appears as hives, rash, swelling of the mouth, difficulty breathing. This type of reaction typically occurs within 15 minutes of receiving a vaccine. **It is recommended you stay in the clinic for 15 minutes after getting any vaccine.** Anaphylaxis can be treated and your healthcare provider is trained to treat it.

Who should talk with their healthcare provider before getting the vaccine?

Tell your health care provider if you have any of the following:

- Allergy to thimerosal, formaldehyde, Triton® X-100 or any ingredient of the vaccine.
- A previous serious reaction to any vaccine.
- Any condition that makes you bleed more.
- Guillain-Barre Syndrome (GBS – a severe paralytic illness) within 6 weeks of a previous flu vaccine.
- A serious illness with fever.

What is the risk of not getting the Influenza vaccine?

It is estimated that 4000 – 8000 Canadians die each year from Influenza. Many more become sick and need special care in the hospital. Protect yourself, your children and the community from this preventable disease.

Fluzone® HD QIV Vaccine After Care

- To control fever and relieve soreness or muscle aches, you can take Acetaminophen (Tylenol, Tempra) or Ibuprofen (Advil, Motrin).
- If you experience any serious side effects such as swelling of the mouth/lips, hives or seizures please advise your health care provider immediately.
- If you have any questions, or are concerned about a reaction from the vaccine, talk with your health care provider.

Kangiqhidju

Fluzone® Anginirhamik-Kapuut (HD) Quadrivalent (QIV) Qalangnirmun Kapuutaa

Hunauva Qalalaqiniq (flu)?

Qalalaqiniq (flu) hiammittaapkiaktut aanniarut aanniarutavaktut influenza-mit. Hiamitiqtut qalaghungnikkut, tagjungnikkut qingapluuniin kakianin.

Mihingnautait ilaujut: kidjangniq, qalaghungniq, tivjaiqhuni, nukikliuliqhutik, igiaqliuliqhutik unaguhualiqhutik.

Inuit annialaqivaktun uuminga Tarium Hikutirvia Qiqaijarluarvia, kihimi flu-paktun Ubluqtuhivia uvanillu Idjirurvia.

Kitkut kapuqhiqtaqtut haffuminga kapuunmik?

Nunavunmi, tamaita ukiuqaqtut 65mik angajuhiillu kitut hivitujumik munaqhivingmiitut kapuqhiqtaqtut Fluzone® HD QIV. Piqaqtut aalangajumik qalalaqinirmun kapuutaanik piinarialik tamainun Nunavunmiunun avatqumajut siksit tatqirhiutinik ukiuqaqtut. Tamainun kapuqhiqtaqtunun fluunirmun kapuutit ukiuni.

Hunauvat ikajuutit kapuqhirmun?

Munaridjutigijaat Nunavummiut aannialaqinirmun qalalaqinirmin.

Munaridjutigijaat nunallaat tapkua qajangnautiqaqut ajuqhautinun qalangnirmin.

Munaridjutigijaat Nunavummiut anginirhakkut aannialaqirjuarnirmin aanniarvingmungarnirit huiqlutikluuniin.

Una Fluzone® HD QIV qajangnaitpa?

Hii. Atuqtaulaqtut mihingnautit uluriahungniq aupadjakhutiklu kapungnirit. Ilaanilu kidjapaktut, unaguhukhutik, niaquqliuqhutik aanirnalaqiblutiklu. Una

atuqtaunginaqtut kapuqhiqtunun naunaijautaujut timit ikajuutighaliuligtut aanniarutinun. Amigaitut inuit hulaqutiqangitut kapuqhirmirmin.

Tamaita kapuqhiutit, pidjutiqaluangitut timimun nakuunginirmun tajauhijaujuq *anaphylaxis* aannialaqijuarniq. Nakuungiqjuarutit takunaqtut puvinirit, uutiqhutik, puvitutik qaniit, aniqhaaktariami ajuqhaliqhutik. Una nkuungiutaujuq imaa 15 minutes hivitunia kapuqhiruiraangamik.

Munaqhitkuniitquajujut imaa 15 minutesmik kapuqhiruirmik. Nakuungirutait mamihaqtaqtut munaqhip ilihqtitauhijaujut namakhidjutighait.

Kitkut uqaqatigijaghait munaqhit kapuqhiqtinagit?

Uqaqlugit munakhinut hapkuninga nalliagnik piqaruvit:

- Timingnun nakuungiqhimaguvin haffumanga formaldehyde, Triton® X-100 ukualuuniin qujaginaq iluaniitut kapuutini.
- Kinguani nakuuhuiq qujaginaq kapuutinin.
- Qujaginaq qanuriniit tapkua aulaqutigijait.
- Guillain-Barre Syndrome -qarumik (GBS – inmiklut ingutalimaiqata) taima 6-ni havainirni kapukhirmirmin.
- Aannialaqiuarutit kidjakhutulu.

Hunauvat qajangnautit kapuqhingnirmun?

itqungniaqtajut tapkua 4000 – 8000 Kanadamiut huiqhijaujut atautini ukiuni qlalaqinirmin. Amigaitut aannialaqiblutik munarijaujariaqaliquhutik aanniaqvingmi. Aannialaqitaililit, nutaqqatit nunallaallu aanniarunmin.

Fluzone® HD QIV Kapuqhiruiraangat Munaridjutit

- Kidjangnaitumik aanirnalaqinaitumik, iihilutit Acetaminophenmik (tylenol, tempra) unaluuniit Ibuprofen (Advil, Motrin).
- Atuliruvit qujaginaq mihingnautinik puvinirmik qanirmun/umilrukkit qiiqiguvinuuniin ilituripkaqlugu munaqhitkut qilamik.
- Apirhuutighaqaruvit qujaginaq, ihumaalukuvinuuniin nakuunginirmik kapuqhirmirmin, uqaqatigilugit munaqhitkut.



Fiche

Vaccin antigrippal Fluzone^{MD} Haute dose Quadrivalent

Qu'appelle-t-on la grippe?

La grippe est une maladie contagieuse et virale. Elle se propage par la toux, les éternuements ou les sécrétions nasales.

Voici certains symptômes : fièvre, toux, perte d'appétit, douleurs musculaires, mal de gorge et sensation de grande fatigue.

Les gens attrapent généralement la grippe entre novembre et mai, mais la saison de la grippe atteint le plus souvent son pic en janvier ou février.

À qui peut-on administrer ce vaccin?

Au Nunavut, toute personne âgée de 65 ans et plus qui vit dans un établissement de soins de longue durée peut se faire administrer le vaccin antigrippal Fluzone^{MD} Haute dose Quadrivalent. Un autre vaccin contre la grippe est à la disposition de tous les autres Nunavummiut âgés de plus de 6 mois. Toutes les personnes admissibles devraient se faire vacciner tous les ans contre la grippe.

Quels sont les avantages du vaccin?

Il protège les Nunavummiut contre la grippe.

Il protège la communauté et les personnes les plus à risque de complications liées à la grippe.

Il peut protéger les Nunavummiut les plus à risque de maladie grave des risques d'hospitalisation, voire de décès.

Le vaccin antigrippal Fluzone^{MD} Haute dose Quadrivalent est-il sûr?

Oui. Les effets secondaires les plus courants sont une douleur et une rougeur là où le vaccin a été injecté. De temps en temps, le vaccin peut provoquer de la fièvre, de la fatigue, des maux de tête ou des douleurs musculaires. Il s'agit d'une réaction normale au vaccin : votre organisme produit des anticorps contre la maladie.

De nombreuses personnes ne ressentent aucun effet secondaire du vaccin.

Comme c'est le cas avec tous les vaccins, il existe une très faible probabilité de subir une réaction allergique grave qu'on appelle l'*anaphylaxie*. L'anaphylaxie se manifeste par de l'urticaire, une éruption cutanée, une enflure de la bouche, et des difficultés à respirer. Ce type de réaction survient habituellement dans les 15 minutes suivant l'administration du vaccin. **Il est donc recommandé de rester à la clinique 15 minutes après l'administration d'un vaccin.** L'anaphylaxie peut être traitée, et votre prestataire de soins de santé a la formation pour le faire.

Qui devrait discuter avec un professionnel de la santé avant de se faire vacciner?

Informez votre prestataire de soins de santé si vous présentez l'une des caractéristiques suivantes :

- allergie au thimérosal, au formaldéhyde, au Triton^{MD} X-100 ou à tout autre ingrédient du vaccin.
- réaction antérieure grave à un vaccin.
- toute maladie qui vous fait saigner davantage.
- syndrome de Guillain-Barré (SGB, une maladie paralytique grave) déclaré dans les 6 semaines suivant un précédent vaccin contre la grippe.
- toute maladie grave accompagnée de fièvre.

Quel est le risque de ne pas se faire vacciner contre la grippe?

On estime que 4 000 à 8 000 Canadiens meurent chaque année de la grippe. Beaucoup d'autres tombent malades et ont besoin de soins spéciaux à l'hôpital. Protégez-vous, protégez vos enfants et la communauté contre cette maladie évitable

Suivi après l'administration du vaccin antigrippal Fluzone^{MD} Haute dose Quadrivalent

- Pour contrôler la fièvre et soulager les douleurs ou les courbatures, vous pouvez prendre de l'acétaminophène (Tylenol, Temptra) ou de l'ibuprofène (Advil, Motrin).
- Si vous ressentez des effets secondaires graves tels qu'un gonflement de la bouche ou des lèvres, de l'urticaire ou des convulsions, veuillez en informer immédiatement votre médecin.
- Si vous avez des questions ou si vous craignez une réaction au vaccin, parlez-en à votre fournisseur de soins de santé.