

REVISED Universal Influenza Immunization Program (UIIP) 2015-2016

Attention: Physicians, Nurse Practitioners, Long-Term Care Facilities, Rest & Retirement Homes, Walk-in Clinics, Hospitals, Infection Control Practitioners, Hospital Occupational Health Nurses, Hospital Pharmacies, Correctional Facilities, Participating Health Care Agencies, Participating UIIP Pharmacies

Date: October 22, 2015

NOTE: The following Healthfax has been revised to reflect the inclusion of Quadrivalent Live Attenuated Influenza Vaccine (Q-LAIV) into the publicly funded UIIP. There are also revisions to the Influenza Vaccine Supply chart on page 2, to separate vaccine products in the potential allergens section.

As per the *Nasal Spray Flu Vaccine for Children* Healthfax sent on October 16th, due to limited supply, for the time being, FluMist® Quadrivalent is only to be given to 2-5 year olds for whom it is not contraindicated. We anticipate that supply should increase in mid-November.

Influenza Immunization Recommendations for the 2015-2016 Season

The World Health Organization (WHO) has recommended trivalent influenza vaccines for the 2015-2016 influenza season, (northern hemisphere winter) contain the following:

- A/California/7/2009 (H1N1)pdm09-like virus
- A/Switzerland/9715293/2013 (H3N2)-like virus
- B/Phuket/3073/2013-like virus

It is recommended that quadrivalent vaccines containing two influenza B viruses contain the above three viruses and a B/Brisbane/60/2008-like virus.

The National Advisory Committee for Immunization (NACI) Statement on Seasonal Influenza Vaccine for 2015-2016 can be found on the Public Health Agency of Canada website at: <http://www.phac-aspc.gc.ca/naci-ccni/index-eng.php#rec>

Pregnancy and Breastfeeding

Influenza vaccination is recommended for all pregnant women regardless of trimester and women who are breastfeeding. Live Attenuated Influenza vaccine (LAIV) known as Nasal Spray flu vaccine **should not be** used in pregnant women, as it is a live vaccine and is contraindicated in pregnancy.

Individuals with an Egg Allergy

NACI has concluded that egg-allergic individuals may be vaccinated against influenza using inactivated trivalent or quadrivalent influenza vaccine without a prior influenza vaccine skin test and with the full dose. The vaccine may be given in any setting where vaccines are routinely administered. However, immunizers administering the vaccine should be prepared for and have the necessary equipment to respond to a vaccine emergency at all times. While TIV & QIV can be given to egg allergic people, LAIV **should not be** given to egg allergic individuals, as egg allergy has not yet been studied for LAIV.

What are the publicly funded influenza vaccine products in Ontario for 2015-2016?

Influenza Vaccine Supply:

	Agriflu® / Fluviral®	Influvac®	Fluad®	FluLaval Tetra® / Fluzone Quadrivalent®	Flumist® Quadrivalent
Influenza Vaccine Formulation	Trivalent inactivated vaccine (TIV)	Trivalent inactivated vaccine (TIV)	Trivalent inactivated vaccine (adjuvanted) (TIV-adjuvanted)	Quadrivalent inactivated vaccine (QIV)	Quadrivalent live attenuated vaccine (Q-LAIV)
Dosage	0.5mL	0.5mL	0.5mL	0.5mL	0.2mL (0.1mL in each nostril)
Route of Administration	Intramuscular Injection	Intramuscular Injection	Intramuscular Injection	Intramuscular Injection	Intranasal spray
Eligibility (see "Vaccines for Specific Age Groups" below)	6 months and older*	18 years and older	65 years and older who reside in long-term care homes	6 months through 17 years	2 through 17 years; preferred vaccine for 2 through 5 years
Potential Allergens	Agriflu: Egg protein [^] Kanamycin Neomycin Thimerosal Fluviral: Egg protein [^] Thimerosal	Egg protein [^] Chicken protein Gentamicin	Egg protein [^] Chicken protein Kanamycin Neomycin	FluLaval: Egg protein [^] Thimerosal Fluzone: Egg protein [^] Thimerosal	Arginine Egg protein Gelatin Gentamicin
Package Description	Multi-dose vial	Single dose syringe	Single dose syringe	Multi-dose vial	Single dose sprayer
Once punctured, discard vial after	28 days	n/a	n/a	FluLaval: 28 days Fluzone: expiry date indicated on vial	n/a
Package Dimensions (length x width x height)	3cm x 3cm x 7cm	18.8cm x 15.2cm x 1.7cm	10.8cm x 10.2cm x 4.4cm	3cm x 3cm x 6cm	10.6cm x 17.6cm x 2.9cm

* Unless specifically requested the TIVs are primarily targeted to adults 18 years of age and older.

[^] Egg allergy is not a contraindication to receiving inactivated influenza vaccines.

Specific Age Groups Eligible for the Publicly Funded Influenza Vaccine:

Age Group	Recommended Vaccine	Alternative Vaccine
6 months through 23 months	QIV	TIV [§] (if requested or if QIV is not available)
2 years through 5 years	Q-LAIV	QIV (if requested or if Q-LAIV is not available) TIV [§] (if requested or if QIV is not available)
6 years through 17 years	QIV or Q-LAIV	TIV [§] (if requested or if QIV / Q-LAIV is not available)
18 years and older	TIV	None
65 years and older who reside in LTCH	TIV-adjuvanted	TIV (if requested or if TIV-adjuvanted is not available)

^s If giving TIV to someone less than 18 years of age, only Agriflu[®] and Fluviral[®] can be used as Influvac[®] is only indicated for 18+.

*Children less than nine years of age who are receiving seasonal influenza vaccine for the first time this year are to receive two doses of 0.5 ml, with a minimum interval of four weeks between the first and second dose. The second dose is not needed if the child has received one or more doses of the seasonal influenza vaccine during a previous influenza season. Ideally the same product is used for both doses. However, if the same product is not available, any influenza vaccine can be given for the second dose.

To access the product monographs for the publicly funded influenza vaccine products, please visit the manufacturer websites:

Publicly Funded Influenza Vaccine	Influenza Vaccine Manufacturer	Manufacturer Web Link for Product Monograph
Influvac [®] (TIV)	BGP Pharma	www.abbott.ca
Agriflu [®] (TIV) Fluad [®] (TIV-adjuvanted)	Novartis Canada	www.novartis.ca
Fluviral [®] (TIV) FluLaval Tetra [®] (QIV)	GlaxoSmithKline Inc.	www.gsk.ca
Fluzone Quadrivalent [®] (QIV)	Sanofi Pasteur	www.sanofipasteur.ca
FluMist [®] Quadrivalent (Q-LAIV)	AstraZeneca Canada	www.astrazeneca.ca

Where can the public access their flu shots this year?

- At their primary care provider's office
- At a pharmacy – most pharmacies have pharmacists that are certified to administer flu vaccine or they may host flu clinics. Encourage clients to check with their local pharmacy
Note: children under five years of age cannot be immunized by pharmacists.
- At a workplace clinic if offered through their employer
- At the health unit. We will be offering a limited number of appointments for families with children less than five years, for persons who do not have a HCP, and for those with no Ontario Health Card Number

The MOHLTC has a flu clinic locator tool which can be accessed from the Simcoe Muskoka District Health Unit (SMDHU) website, where people can locate all clinics and pharmacies offering flu vaccination.

Other Important Information When Ordering Influenza Vaccine

1. Each time you order influenza vaccine, you must submit by fax your temperature log sheet(s) for the previous four weeks. Temperature readings must be done and recorded in the log book twice a day every day. These temperature log sheets are reviewed by the SMDHU prior to vaccine being released.

Note for facilities that were required to prequalify: After your fridge inspection, the health unit will require five consecutive days of BID fridge temperatures that must be between 2-8°C before your initial order can be filled.

2. **We require that all providers only stock a one to two week supply of influenza vaccine.** This is in order to prevent large amounts of vaccine wastage as a result of a power outage or fridge malfunction.
3. In the event of a cold chain failure, please report to the health unit immediately at 705-721-7520 ext. 8806.
4. If returning influenza vaccine to the health unit, please complete the attached Vaccine Return Form and submit with the vaccine being returned.
5. Syringes/needles, and separate needles are **not** supplied with influenza vaccines. Please ensure you have a stock of appropriate sized syringes (3cc) and needles (25-gauge 1-inch and 25-gauge 1 ½ inch needles). Prefilled syringes do not come with needle tips.

We are still awaiting direction from the MOHLTC about this year's reporting requirements for Hospitals, LTCHs, pharmacies and the vaccine utilization reports and invoices. We will post these forms to our website as soon as they are available.

For more information, support materials and forms refer to the following websites:

- www.smdhu.org/pcportal – for information for primary care providers
- www.smdhu.org/JFY/HealthProfessionals - for information for LTCH, Retirement Homes & Hospitals
- <http://www.ontario.ca/flu> - Ministry of Health and Long-Term Care Universal Influenza Immunization Program

Reporting of Adverse Events

The attached *Adverse Event Following Immunization (AEFI)* form must be filled out and faxed back to the Vaccine Preventable Disease team for follow-up immediately following an unexpected adverse event:

Fax #: 705-726-3962.

Attached you will find updated Influenza Vaccine Order forms that include Q-LAIV.

Please note: we have changed the ordering deadlines for influenza vaccines. Only orders submitted on this year's influenza Vaccine Order Form attached to this Health Fax will be filled. While we will do our best to fill orders as requested, quantities and products included in your orders may have to be altered based on inventory available.

Unfortunately we do not have a way of tracking balances remaining that were not filled on previous orders. If you require additional vaccine beyond what you received in your order, you will need to submit another vaccine order along with your updated temperature logs.

If you have a special request, or are ordering larger than a 1-2 week supply of vaccine, please use the box at the bottom of the order form to provide additional details.

If you pick up vaccine at the Barrie, Midland, Collingwood or Cookstown offices → use the Barrie - Influenza Vaccine Order Form and fax orders to 705-792-3835.

If you pick up vaccine at our Gravenhurst, Orillia or Huntsville offices → use the Gravenhurst - Influenza Vaccine Order Form and fax orders to 705-684-9834.

If you have any questions regarding the vaccine ordering process please contact the Vaccine Preventable Disease Program at 705-721-7520 or toll free at 1-877-721-7520 ext. 8808.

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Facility Name: _____ Phone #: _____ Facility Fax #: _____

Facility Contact: _____ # of Fridges: _____ Type: Bar Domestic Purpose Built Other

- Place orders by **3pm Tuesday** for pick up the following **Tuesday morning**
- Orders must include the **previous 4 week** temperature log
- Order no more than a **1 – 2 week** supply
- Vaccine order inquiries 1-877-721-7520 ext. **8808**
- For **URGENT** requests due to **UNEXPECTED** demands, provide details below
- Include current Influenza vaccine inventory
- Coolers must be between 2 - 8 °C for vaccine to be released

Premise Type:				
<input type="checkbox"/> Physician Office	<input type="checkbox"/> Retirement Home	<input type="checkbox"/> Correctional Facility	<input type="checkbox"/> Workplace	<input type="checkbox"/> Nursing Agency
<input type="checkbox"/> Hospital	<input type="checkbox"/> Long-term care home	<input type="checkbox"/> Pharmacy	<input type="checkbox"/> Community Health Ctr	<input type="checkbox"/> Other

Based on Ministry's distribution and supply of vaccine, the health unit cannot guarantee the amount or type of vaccine released to facilities, therefore HCPs should be prepared with appropriate supplies.

Influenza Vaccines	Current # of Doses in your fridge	Requested # of Doses
TIV* - Fluviral/Agriflu – 10 dose vial <ul style="list-style-type: none"> • Intended for those 18 yrs+ • Can be given to those 6 mths – 17 yrs if no QIV or if requested 		
QIV* - FluLaval/Fluzone – 10 dose vial <ul style="list-style-type: none"> • Only for those 6 mths through 17 yrs 		
Q-LAIV* – Flumist Quadrivalent – prefilled nasal sprayer <ul style="list-style-type: none"> • Preferred vaccine for 2 to 5 year olds • Publicly funded for those 2 through 17 years old 		
Influvac - Preloaded syringe /10 doses per box <ul style="list-style-type: none"> • Indicated for those 18 yrs+ only 		
Fluad - Preloaded syringe /10 doses per box <ul style="list-style-type: none"> • For LTCH residents ≥65 yrs only 		

*TIV = Trivalent Influenza Vaccine; protects against 2 A strains & 1 B strain
 *QIV = Quadrivalent Influenza Vaccine; protects against 2 A strains & 2 B strains
 *Q-LAIV = Quadrivalent Live Attenuated Influenza Vaccine; protects against 2 A strains & 2 B strains

For high volume scheduled influenza clinic(s) or urgent influenza orders, please provide details.

Location to be picked up (please check):

- Barrie Collingwood Cookstown Midland

VIM Order # (for office use only): _____

2015-10-14

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Location to be picked up (please check):

- Gravenhurst Huntsville Orillia

VIM Order # (for office use only): _____

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