Universal Influenza Immunization Program (UIIP)

Influenza vaccine is now available for healthcare providers, excluding pharmacies, to order for high-risk individuals only, with an expected distribution of these orders the first week of October.

Reminder: For pharmacies, influenza vaccines will be available through your distributor mid-October.

Those at highest risk for complications from influenza, or who are most likely to spread influenza to those at highest risk are particularly recommended to receive the vaccine.

This includes:
- Pregnant women
- Residents of nursing homes or other chronic care facilities
- People ≥65 years of age
- All children 6-59 months of age
- Indigenous peoples
- Adults or children with chronic health conditions
- Health care workers and other care providers
- Household contacts (adults and children) of individuals at high risk of influenza related complications
- Persons who provide care to children ≤59 months of age
- Those who provide services within a closed or relatively closed setting to persons at high risk.
- Swine and poultry industry workers

Availability of the vaccine for the general population will commence with the official launch of the 2018/2019 UIIP in late October.

Vaccine Ordering and Distribution for Pharmacies

NACI Statement- Seasonal Influenza Vaccine for 2018/2019


NACI recommendations for specific groups

Children and adolescents 2-17 years of age:
- Quadrivalent formulation (QIV or Q-LAIV) is recommended in children and adolescents 2-17 years of age. The current evidence does not support the preferential use of Q-LAIV (Flumist®). Pharmacists may only administer publicly funded influenza vaccine to individuals 5 years and older.

Adults ≥65 years of age:
- Any vaccine product licensed for this age group can be administered.
- On an individual basis, high-dose TIV should be discussed, as it is expected to provide superior protection against influenza A in adults ≥65 years of age. Influenza A, H3N2 can make seniors very sick.
- Clients may receive publicly funded high-dose TIV from their primary health care provider. Alternatively, they may receive QIV from their primary healthcare provider or pharmacist.
Children and adults with neurologic and neurodevelopmental conditions:
- Reaffirms influenza immunization for children and adults with these conditions is particularly recommended.

Egg allergic individuals:
- Any of the influenza vaccines can be administered to egg allergic individuals.

*NEW* UIIP Product Updates for 2018-2019
- QIV is publicly funded for everyone ≥ 6 months age.
- High-Dose TIV (Fluzone®High-Dose) is publicly funded for individuals ≥ 65 years of age.
  - Only available through primary care providers - not available through pharmacies.
  - If High-Dose TIV is not available, standard-dose QIV can be administered to individuals ≥ 65 years.

Reminder:
- Quadrivalent formulation (QIV or Q-LAIV) is recommended in children and adolescents 2-17 years of age, the current evidence does not support the preferential use of Q-LAIV (Flumist®).

Types of Influenza Vaccine Strains for 2018/2019
The trivalent inactivated vaccine (TIV) contains the following strains:
- A/Michigan/45/2015 (H1N1) pdm09-like virus;
- A/Singapore/INFIMH-16-0019/2016 (H3N2)-like virus; and
- B/Colorado/06/2017-like virus (B/Victoria/2/87 lineage);

The quadrivalent vaccine (QIV and Q-LAIV) contains a second B strain - B/Phuket/3073/2013-like virus.

<table>
<thead>
<tr>
<th>Age Group</th>
<th>QIV</th>
<th>Q-LAIV</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-23 months</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>2-17 years</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>18-64 years</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>≥65 years</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

Dosage by Age:

<table>
<thead>
<tr>
<th>Age Group</th>
<th>IM</th>
<th>Intranasal</th>
<th>No. of Doses Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 months - 8 years</td>
<td>0.5 mL</td>
<td>0.2 mL</td>
<td>1 or 2*</td>
</tr>
<tr>
<td>9-17 years</td>
<td>0.5 mL</td>
<td>0.2 mL</td>
<td>1</td>
</tr>
<tr>
<td>≥ 18 years</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

*Previously unvaccinated children 6 months to 8 years of age require 2 doses with an interval of 4 weeks.
All influenza products are interchangeable; however, it is preferable to complete a 2-dose series with the same product. If the vaccine used for the first dose is not available, the 2-dose series may be completed with a different age appropriate formulation/brand (QIV or Q-LAIV).

Influenza Vaccine Ordering for Pharmacies
Pharmacies will continue to place influenza vaccine order(s) and receive influenza vaccine orders through your wholesale distributors (i.e., Kohl & Frisch Limited, McKesson Canada, McMahon Distributeur Pharmaceutique Inc. and Shoppers Drug Mart).

Peel Public Health will continue to collaborate with your wholesale distributors to ensure effective ordering and inventory practices.
When placing an influenza vaccine order:

- **Prioritize high-risk individuals** (refer to [NACI Statement 2018-2019](#))
- Order no more than a one month’s supply of influenza vaccine at a time.
- Order based on your fridge capacity.

*Note: vaccine cannot be stored in the fridge door, in drawers or on the floor of the fridge.*

**Reminder:**
- Store publicly funded vaccines in fridges approved by Peel Public Health only.
- Ensure that vaccine fridge temperature are maintained between +2.0°C to +8.0°C
- Check and document temperatures twice daily (i.e. current, maximum and minimum).

### Product Packaging Information:

<table>
<thead>
<tr>
<th>Brand</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>FluLaval®Tetra</td>
<td>Multi-Dose Vial (10 doses per vial)</td>
</tr>
<tr>
<td>Fluzone® Quadrivalent</td>
<td>Multi-Dose Vial (10 doses per vial) Single-dosed Pre-filled syringes (10 doses per box)</td>
</tr>
<tr>
<td>Flumist®</td>
<td>Pre-filled single use intranasal sprayer (10 doses per box)</td>
</tr>
</tbody>
</table>

**Please note:** Subsequent, unreported cold chain failures may result in suspending your account from ordering vaccines for a minimum of **two weeks**.

**Temperature Log Monthly Submission**

Please submit your temperature logs to Peel Public Health according to the attached schedule. Temperature logs submitted to Peel Public Health must have the following documented on each temperature log:

- name of pharmacy and store #
- business number and fax number
- 5-digit HP code (RMP_MS_#####)
- name of contact person
- number of fridges if more than one

**Reminder:**
- Document clearly and legibly
- Time and initials are documented for each temperature reading
- Use only blue or black ink

There is a **one-week minimum suspension** of your account for incompliance with submitting completed temperature logs based on your scheduled temperature log submission date.

Temperature logs can be submitted to: zzg-uiiptemplog@peelregion.ca or Fax to 905-565-9874.