



Fact Sheet:

Respiratory Syncytial Virus (RSV) Vaccine : Older Adults

1. What is RSV disease and what are the complications of this disease?

RSV is a common viral illness. In Canada, elevated RSV activity generally takes place from late fall to early spring.

Primary infection with RSV can present as upper respiratory tract illness, lower respiratory tract disease, pneumonia, bronchiolitis, or tracheobronchitis. Reinfection with RSV can reoccur throughout life and repeat infections are often less severe.

In severe cases, RSV requires hospitalization and may be life-threatening. In adults, hospitalization is highest in older adults and those with certain chronic medical conditions.

2. What are the contents of the vaccine?

The vaccine works by helping the body to make antibodies (substances your body uses to fight an infection) which protect against the disease. The vaccine is composed of a lyophilized powder that is reconstituted with sterile water diluent. Traces of non-medicinal ingredients are present to keep the vaccine stable, sterile, and to help it be more effective. A complete listing of contents is included in the product insert and may be requested from the immunizing provider.

The vial stopper, the tip cap and plunger stopper of the pre-filled syringe are not made with natural rubber latex.

3. How is the vaccine given:

Individuals 60 years of age and older receive a 0.5 mL IM injection into the arm.

4. What are the possible reactions from this vaccine and how are they managed?

The most common side effects occur within 24-48 hours after the injection and include swelling, redness, and tenderness at the site of injection. Pain, headache, muscle and joint pain may also occur.

It is not necessary to give acetaminophen with every immunization. If a person experiences discomfort or fever after receiving the vaccine, acetaminophen can relieve these symptoms.

Other side effects can occasionally occur after immunization - if you experience any side effects not listed above, or you have questions or concerns speak to your healthcare professional.

The most serious but rare side effect is a severe allergic reaction (anaphylaxis) which can be life threatening, and which usually occurs within 15-20 minutes of receiving the vaccine. Procedures are in place for the nurse to quickly respond to anaphylaxis by administering epinephrine.

Please remain in the waiting room for 15 minutes after immunization. See a doctor or seek medical attention if any serious side effect occurs. Report any serious reaction to the Public Health Nurse.

5. Who should receive this vaccine?

Persons 60 years of age and older who are residents of Long Term Care (LTC) or Community Care (CC) on PEI will be offered vaccination as part of PEI's publicly funded program.

Others may purchase RSV vaccine at their local community pharmacy.

- Adults 75 years of age and older, particularly for [those who are at increased risk of severe RSV disease](#).
- RSV vaccine may be considered as an individual decision by adults 60 to 74 years of age in consultation with their health care provider.

7. Who should not receive this vaccine?

You should not receive this vaccine if you are allergic (hypersensitive) to the active substances or to any of the other ingredients.

Medicinal ingredients:

- RSV subgroup A stabilized prefusion F protein
- RSV subgroup B stabilized prefusion F protein

Non-medicinal ingredients:

- Mannitol
- Polysorbate 80
- Sodium Chloride
- Sucrose
- Tromethamine
- Trometamol hydrochloride