



# FACT SHEET

## MEASLES, MUMPS, RUBELLA (MMR) VACCINE

### When is the MMR vaccine given?

Part of [Ontario's Routine Immunization schedule](#), this vaccine is given at 12 months and in a combined vaccine with varicella between 4 and 6 years of age.

Visit	Age	Vaccine
1	2 months	DTaP-IPV-Hib, Pneu-C-13, Rot
2	4 months	DTaP-IPV-Hib, Pneu-C-13, Rot
3	6 months	DTaP-IPV-Hib
4*	12 months	<b>MMR</b> , Pneu-C-13, Men-C-C
5	15 months	Var
6	18 Months	DTaP-IPV-Hib
7*	4 to 6 years	<b>MMR-V</b>

Common vaccine brand used at RCDHU:

MMR: MMR II, Priorix (one needle),

MMR-V- ProQuad, Priorix-Tetra (one needle)



The vaccine is also given to adults born after 1970 who are not protected against measles, mumps or rubella. If born before 1970, it is presumed to have acquired natural immunity. Pregnant women, who have been told they are not protected against rubella, should receive MMR vaccine as soon as they are no longer pregnant.

### What is Measles?

Measles is one of the most contagious viral infections. It causes high fever, cough, rash, runny nose and watery eyes. Complications can occur such as ear infections, pneumonia, and infection of the brain (encephalitis). Measles spreads from person to person through coughing, sneezing or simply talking. Measles virus can remain for up to two hours in the air or on contaminated surfaces.

### What is Mumps?

Mumps is a viral infection of the salivary glands. It causes fever, headache and swelling of the cheek, jaw and neck. Complications of mumps include meningitis, deafness, painful swollen testicles in males and infection of the ovaries in females. Mumps spreads through coughing, sneezing and contact with the saliva of an infected person.

MMR is a combined vaccine that protects against three diseases: measles, mumps and rubella.

**It is a required vaccine for all children attending a licensed childcare center and school in Ontario.**

*Continued on reverse*

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### What is Rubella (German measles)?

Rubella is generally a mild infection. It causes fever, sore throat, swollen glands in the neck and a rash on the face and neck. Rubella can be followed by chronic arthritis. It can also cause temporary blood clotting problems and encephalitis. Rubella spreads through coughing, sneezing, or close face to face contact. Pregnant women who contract rubella are at risk for miscarriage or stillbirth, and their developing babies are at risk for severe birth defects with devastating, lifelong consequences.

### Is the vaccine safe?

Yes. Most people will have no side effects. Serious side effects are rare but there is a small risk for febrile (fever) seizures in children who have received the vaccine. Some common side effects include redness, swelling and tenderness where the needle was given. MMR vaccine can cause a rash or fever in 7 to 10 days after the needle. This may last a few days.

### Who should not have the MMR vaccine?

Anyone who:

- is ill with a fever or infection worse than a common cold.
- have had serious allergic reaction to the vaccine or something in the vaccine (neomycin, gelatin, sorbitol)
- Anaphylaxis to MMR vaccine
- Received blood or blood products in the last year.
- Is or planning to become pregnant.

Delay pregnancy for 1 month following immunization with the MMR vaccine.

### When should I call my health care provider?



Seek immediate medical help if any of the following symptoms develop within 3 days of getting the vaccine.

- hives
- swelling of the face or mouth
- trouble breathing
- high fever (over 40°C)
- convulsions or seizures

### Why is it important to keep a record?

RCDHU reviews immunization records annually for each child who attends a licensed daycare or school. As required by the [Immunization of School Pupils Act, 1990 \(ISPA\)](#) and the [Child Care and Early Years Act, 2014 \(CCEYA\)](#), families need to report immunization records to their local public health unit to ensure that all children received the required vaccines. After any vaccination, make sure your personal immunization record, such as your "[Yellow Card](#)", is updated. Keep it in a safe place!

### How do I report my vaccination to RCDHU?

Ways to report Immunization Records	
Visit <a href="http://www.rcdhu.com">www.rcdhu.com</a> 📄 Immunization	
📄 Report Immunization here accordion	
📄 Online	Immunization Connect Ontario ( <a href="#">ICON</a> )
✉ Email	<a href="mailto:immunization@rcdhu.com">immunization@rcdhu.com</a>
📠 Fax	613-735-3067
✉ mail	141 Lake Street, Pembroke, ON K8A 5L8
For More Information	
📞 call	613-732-9436 or 1-833-773-0004
 	@RCDHealthunit

Always include Client's legal name and date of birth on the records you are submitting. The health card number is highly recommended to help us identify the right client file.

Source: Adapted from the Ministry of Health.

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