



Typhoid Vaccine



What is typhoid fever?

- Typhoid fever is caused by a bacteria.
- It is spread by eating or drinking food or water contaminated with human feces. It occurs often in areas where sanitation is poor.
- Symptoms include sudden fever, severe headache, nausea, loss of appetite, rose spots on the trunk (25%), sore throat with a non-productive cough and constipation.
- If untreated, 16% of people with typhoid fever can die. With proper treatment, 1% will die.
- Between 2-5% of people with typhoid fever become carriers.

What does typhoid vaccine contain?

Typhim Vi®

- Single dose contains phenol.
- Does not contain latex.

Typherix®

- Single dose contains phenol, disodium phosphate dihydrate and sodium phosphate dihydrate.
- The connection between the needle and the syringe contains latex.

Who should receive the vaccine?

- Travellers, 2 years or older, to countries where typhoid is common, especially if:
 - Staying for more than 4 weeks
 - Eating adventurously
 - Visiting smaller or rural areas.
- People with ongoing household or intimate exposure to carriers of the bacteria.
- Laboratory workers who frequently handle *Salmonella typhi* cultures.

Who should not receive the vaccine?

- Children under the age of 2 years.
- Anyone who has a life-threatening allergy to any of the vaccine components.
- People with moderate to severe illness may have to delay immunization.

When should the vaccine be given?

- At least 2 weeks before travel to a risk area.
- May be safely given alone or with other vaccines.

How is the vaccine given?

- By injection into a muscle.

How effective is typhoid vaccine?

- 50 – 80% of people are protected against typhoid within two weeks.

How long does the protection last?

- Booster doses are recommended every 3 years where typhoid risk continues.

What might be felt after receiving typhoid vaccine?

Most symptoms are mild and short-lived in adults and may include:

Very Common (10% or greater)

- Headache, soreness, redness and hardness at injection site

Common (Between 1 and 10%)

- Muscle aches, nausea, vomiting, diarrhea, fever

Very Rare (< 0.01%)

- Immune, respiratory, skin reactions, allergic reaction including anaphylaxis

Call the number below if you have severe or unusual reactions.

Your immunization information will be recorded in a computerized system known as the Saskatchewan Immunization Management Systems (SIMS).

Information collected in SIMS may be used to:

- *manage immunization records*
- *notify you if you or your child needs an immunization*
- *and monitor how well vaccines work in preventing vaccine preventable diseases.*

Your immunization records may also be shared with health care professionals in order to provide public health services; assist with diagnosis and treatment; and to control the spread of vaccine preventable diseases.

For more information, call the International Travel Centre at 655-4780

www.saskatoonhealthregion.ca/internationaltravel