

Grade 8 Immunization Package

Tetanus, Diphtheria, Pertussis Vaccine

Vaccines have saved more lives in Canada in the last 60 years than any other medical intervention. Vaccines help your immune system to recognize and fight bacteria and viruses that cause diseases.

Tetanus, diphtheria and pertussis are vaccine preventable diseases.

Tetanus ('lockjaw') is caused by bacteria found in the soil worldwide. The bacteria make a strong toxin within 3-21 days after entering the body through a cut or injury to the skin. The toxin causes painful tightening of muscles in the body. In severe cases, breathing muscles are affected. Without treatment, up to 8 in 10 people who get tetanus could die. It cannot be spread from person to person.

Diphtheria is rare in Canada; however this serious disease occurs in many countries worldwide. The bacteria are spread through the air by sneezing or coughing, and direct skin contact. Symptoms include a mild fever, sore throat, difficulty swallowing, tiredness and loss of appetite. A grayish white membrane appears in the throat within 2 to 3 days of illness which causes severe breathing problems like airway obstruction and suffocation. Within 2 to 5 days, the bacteria produce a strong toxin that can cause heart failure and paralysis. Without treatment 1 in 10 people could die.

Pertussis, or "whooping cough", is a serious bacterial infection of the lungs and throat. Pertussis can cause pneumonia, convulsions, brain damage or death. These complications are seen most often in infants. The bacteria are easily spread by coughing, sneezing or close face-to-face contact. Pertussis can cause severe coughing that often ends with a whooping sound before the next breath. This cough can last several months and occurs more often at night. 1 in 200 infants who get pertussis could die.

How can these diseases be prevented?

- Be immunized. When you / your child get immunized, you help protect others as well.
- Practice good hygiene (e.g. hand washing).

Who can get this vaccine for free?

- Grade 8 students as a **booster dose** (unless they have received it since becoming 11 years old).
- Pregnant women (ideally between 27-32 weeks gestation) even if they have received the vaccine previously as an adult.
- Other adults can receive 1 dose of this vaccine (in their lifetime) when they get their next 'tetanus booster' (recommended every 10 years).
- Caregivers of babies younger than 6 months old may be eligible to receive this vaccine once if they have not previously received it as an adult.
- NOTE: For young children, immunization for tetanus, diphtheria and pertussis is combined with other vaccines, such as polio and *Haemophilus influenzae* type b. These are given as a series of injections.

Who should not get this vaccine?

- Persons who have a serious illness, with or without a fever, should delay immunizations. **A mild illness, with or without a fever, is not a reason to avoid immunization.**
- People who had a life-threatening reaction to a previous dose of tetanus, diphtheria, or pertussis vaccine, or any components of the vaccine.
- Persons who received a tetanus, diphtheria and pertussis booster within the last 5 years.
- People who developed Guillain-Barré Syndrome (GBS) within 6 weeks of getting tetanus vaccine should not get the vaccine. GBS is a rare condition that can result in weakness and paralysis of the body's muscles.

Acetaminophen (Tylenol, Temptra) may be given for fever or soreness. ASA (Aspirin) must NOT be given to anyone younger than 18 years old because of the risk of Reye syndrome.

What are common reactions to this vaccine?

- **Vaccines are very safe and effective. It is much safer to get this vaccine than to get any of these serious diseases.**
- Soreness, redness and swelling at the injection site.
- Some individuals may experience fatigue, headache, mild fever or dizziness.
- These reactions are mild and generally last 1 to 2 days.

It is important to stay in the clinic for 15 minutes after getting any vaccine because there is an extremely rare possibility of a life-threatening allergic reaction called anaphylaxis. This may include hives, difficulty breathing, or swelling of the throat, tongue or lips. **If this happens after you leave the clinic, call 9-1-1 or the local emergency number.** This reaction can be treated, and occurs in less than one in one million people who get the vaccine.

Who should you report reactions to?

- Report any adverse or unexpected reactions to your local public health nurse, your doctor, or nurse practitioner as soon as possible.

Talk to a public health nurse:

- If you have questions or concerns about your or your child's reaction to an immunization.
- If you had to take your child to a doctor, a hospital or to a health centre with a symptom that might be related to immunization.

For more information contact your local public health office, your physician, nurse practitioner, HealthLine online or by calling 811.

References: Product monographs (BOOSTRIX[®], 2018; ADACEL[®], 2012).

What does this vaccine contain?

BOOSTRIX[®] contains diphtheria toxoid, tetanus toxoid, three purified acellular pertussis antigens (filamentous haemagglutinin, pertactin), aluminum salts, and saline. Thimerosal-free. Latex-free.

ADACEL[®] contains tetanus toxoid, diphtheria toxoid, acellular pertussis (pertussis toxoid, filamentous haemagglutinin, pertactin and fimbriae types 2 and 3), aluminum phosphate, 2-phenoxyethanol and trace amounts of formaldehyde and glutaraldehyde. Thimerosal-free. Latex-free.

Mature Minor Consent

It is recommended that parents/guardians discuss consent for immunization with their children. Efforts are first made to get parental/guardian consent for immunizations. However, children at least 13 years of age up to and including 17 years of age, who are able to understand the benefits and possible reactions for each vaccine and the risks of not getting immunized, can legally consent to or refuse immunizations in Saskatchewan by providing mature minor informed consent to a healthcare provider.

To ensure that a complete immunization record is maintained, every immunization administered to an individual will be documented by Public Health into the electronic provincial immunization registry, known as Panorama. Panorama is a secure electronic system used in Saskatchewan to record and manage immunization records and the health information related to immunization for all Saskatchewan residents. Immunization records may be shared with other health care professionals to provide public health services; assist with diagnosis and treatment; and to control the spread of vaccine preventable diseases. Information about Panorama is detailed in the "Protecting the Privacy of Your Immunization Record" fact sheet.

Protecting the Privacy of Your Immunization Record

Your personal health information is confidential and the Regional Health Authorities and First Nations Jurisdictions that deliver public health services, along with the Saskatchewan Ministry of Health take great care to ensure that your health information is protected. Your immunization health information is kept in confidence and is only used or disclosed with your consent or as permitted by law. Immunization records are stored in Panorama, an electronic immunization registry used by the Ministry of Health, Regional Health Authorities, and some First Nations Jurisdictions to record and manage the immunization records of all Saskatchewan residents.

1. What is Panorama?

Panorama is a secure electronic health record system designed to record and store immunization related information. Your confidential immunization information is only available to authorized health care workers, such as members of your public health team, physicians, and nurse practitioners across the province using secure networks.

2. When is my immunization information recorded into Panorama?

Immunizations are recorded into Panorama every time you receive a vaccine from a Regional Health Authority or First Nations Jurisdiction that delivers public health services. Immunization information will also be recorded in Panorama if your immunization history is provided to Public Health by your physician or nurse practitioner. This information is recorded into Panorama to ensure the completeness and accuracy of your immunization record and promote client safety.

3. How is my immunization information used in Panorama?

The Ministry of Health, Regional Health Authorities, and First Nations Jurisdictions strive to reduce and control serious diseases that vaccines can prevent. Panorama provides the information needed by public health professionals to achieve the best possible immunization coverage rates in our communities and protect all Saskatchewan residents.

Information recorded in Panorama may be used to:

- Notify you if you or your child needs an immunization based on age, risk factors, or eligibility criteria.
- Communicate with other health care professionals that provide public health services; to control the spread of vaccine-preventable diseases; and assist with diagnosis and treatment of vaccine-preventable diseases.
- Manage your immunization records.
- Monitor how vaccines are preventing communicable diseases in your community.

4. What information is recorded in Panorama?

- Your full name, current address, date of birth, and health services number (we call this demographic information).
- Immunization information such as the vaccine name, immunization date, dosage, and the reason(s) you were immunized (eligibility criteria/risk factors). This will include routine vaccines and non-routine vaccines (those provided for individuals with chronic health conditions).
- While adverse events following immunization are rare, details of specific adverse events will be recorded in Panorama.

5. How is my privacy protected?

The following safeguards are in place to ensure only healthcare professionals involved in an individual's care can use the personal health information stored on Panorama:

- All healthcare providers are made aware of their security responsibilities and must agree to maintain the confidentiality of information and use it only on a need-to-know basis. All users must complete a confidentiality agreement before being allowed to use Panorama.

- Entry in to the system is only provided to authorized users who are involved in delivering immunization services.
- Authorized users are given unique user names and passwords which are not to be shared and all users receive training on when records can and cannot be used or disclosed.
- There are policies, practices, and computer systems in place that are designed to protect information from unauthorized use, error, and loss.
- Authorized users sign, and are legally bound by, all necessary confidentiality agreements.
- All authorized users have specific permissions based on their roles and these permissions restrict their use of the data in Panorama.
- In addition, network security systems are in place that are actively and routinely monitored and which permit auditing of any user's account activity.
- A person can request that their record on Panorama is made "not" viewable to other health care providers. If the individual presents for services and consents to have their record used, or there is an imminent health need to review the individual's record then the individual's record will be "flagged" and can be audited. All uses, including viewing, of any individual's health record in Panorama can also be audited.

6. How can I get more information on Panorama?

If you have additional questions or concerns about Panorama and the privacy of your immunization information, you can call your Regional Health Authority, First Nations jurisdiction, and/or your local public health nurse. Further Information is also available at www.ehealthsask.ca/panorama.

7. Is all of my child's immunization information, or my information, recorded into Panorama?

Yes. Information about vaccines that Public Health nurses and other healthcare providers give to you or your child is recorded in Panorama. This ensures that

your complete immunization record is available to authorized healthcare providers and yourself, wherever you live in Saskatchewan or wherever you seek public health services.

A complete immunization record is often required when a person attends university or college, applies for certain jobs, or chooses to travel in Canada or abroad. Sometimes, it is required when you present for urgent care at an emergency room.

If your immunizations are not complete, healthcare providers will recommend additional vaccines for you and your child to protect you and your child against serious diseases in the future.

8. What if I have a concern or complaint about the privacy of my personal health information in Panorama?

If you have concerns regarding the use of your personal health information, talk to your public health practitioner or immunization provider. If you still have concerns, talk to the appropriate supervisor or manager responsible for Public Health services within your Regional Health Authority or First Nations jurisdiction. If you wish to register a formal complaint regarding a privacy issue, you are encouraged to contact the Privacy Officer in your Health Region or First Nation health agency. Or, you can also contact the Ministry of Health and the Office of the Information and Privacy Commissioner.

9. How can I get a copy of my immunization record?

You have the right to read or request a copy of your immunization record. If you would like a copy of your, or your child's, immunization record, ask your public health practitioner or immunization provider.

School Immunization Consent Form Instructions

- 1. Read and keep the vaccine fact sheets for your information.**
 - The provincial immunization schedule and French vaccine information sheets are available at www.saskatchewan.ca/immunize.
 - If you speak another language **and/or** need help to understand the information, contact the public health office noted below.
- 2. Parents/guardians must complete the following sections of the consent form:**
 - Student's Personal Information
 - Student's Health Checklist
 - Consent for Immunization
 - **Sign and date the required sections** on the front of the consent form.
 - **A signature is required** even if you **DO NOT WANT** this student immunized.
- 3. Tear off the consent form and have your child return it to the school immediately.** Parents/guardians may choose to put the consent form into an envelope before it is returned to school.
- 4. If this student received vaccines:** outside of Saskatchewan; in an Emergency department; that has been paid for; in a travel clinic; from a Doctor, Pharmacist, or Nurse Practitioner; or in a different First Nations community other than where they currently live (if applicable), send a copy of the student's immunization record to the school for the nurse.
- 5. The nurses review the immunization records of all students before they are immunized.** If a student does not need a vaccine that a parent/caregiver has signed for, the nurse **will not** immunize the child with that vaccine, and notify the parent/guardian on the *Notice of Immunization* form given to the student by the nurse.
- 6. As a general practice, upcoming school immunization dates are generally not shared with parents/guardians or students.** Parents should speak to a public health nurse to discuss any concerns related to the student or if they want to have their child/children immunized at the health centre instead of at the school.

Notes:

- If your child has an unusual or severe reaction to the vaccine(s), seek medical attention and notify Public Health of the reaction.
- Parents/guardians are to notify the school Public Health Nurse of any changes to this student's health status after signing this consent form.
- Consent for immunization continues for the time period needed to give the required doses of the vaccine(s) or until this student turns 18 years old.
- A parent/guardian must contact the school Public Health Nurse to cancel consent for immunization for this student.
- If you have questions about the school immunization programs, contact your local public health office.

To ensure that a complete immunization record is maintained, every immunization administered to an individual will be documented by Public Health into the electronic provincial immunization registry, known as Panorama. 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. Panorama is a secure electronic system used in Saskatchewan to record and manage immunization records and the health information related to immunization for all Saskatchewan residents.

Consent for Routine Grade 8 Immunization

ALL STUDENTS ARE OFFERED THE TETANUS, DIPHTHERIA AND PERTUSSIS (WHOOPING COUGH) VACCINE ('BOOSTER DOSE'). Parents/Guardians: Use a pen, print clearly, and return this completed form to the school.

SECTION 1: STUDENT'S PERSONAL INFORMATION (PARENT/GUARDIAN MUST COMPLETE THIS SECTION)			
Student's Last Name	Student's First Name	Male <input type="checkbox"/> Female <input type="checkbox"/>	Birthdate
Health Card Number	Address/PO Box, Town, Postal Code		School
Parent/Guardian Name (print)	Cell Phone ()	Text only plan? Yes <input type="checkbox"/>	Preferred Phone Number ()
Your Relationship to this Student	Parent/Guardian Email Address		

SECTION 2: STUDENT'S HEALTH CHECKLIST (PARENT/GUARDIAN MUST COMPLETE THIS SECTION)
1) Has this student ever had a serious or life-threatening or allergic reaction to a vaccine or a vaccine component? No <input type="checkbox"/> Yes <input type="checkbox"/> If yes, describe: _____
2) Does this student have any medical conditions or severe drug allergies? No <input type="checkbox"/> Yes <input type="checkbox"/> If yes, describe: _____
3) Please check all that apply: Has this student ever received a vaccine: <input type="checkbox"/> Outside of Saskatchewan? <input type="checkbox"/> In an Emergency department? <input type="checkbox"/> That has been paid for? <input type="checkbox"/> In a travel clinic? <input type="checkbox"/> From a Doctor, Pharmacist, or Nurse Practitioner? <input type="checkbox"/> In a different First Nations community other than where they currently live (if applicable)? If yes, specify the vaccine(s), date(s) and location(s) of provider(s) if known and attach a copy of the record(s) if available: _____

SECTION 3: CONSENT FOR IMMUNIZATION (PARENT/GUARDIAN MUST READ THIS SECTION)
<ul style="list-style-type: none"> I have read the information in the Ministry of Health immunization fact sheet(s) provided to me for the vaccine(s) listed below. I have had the opportunity to ask questions that were answered to my satisfaction. I understand the benefits and possible reactions for the vaccine(s), and the potential risks if my child is not immunized. I understand that in the rare occurrence of anaphylaxis, emergency treatment will be provided to my child. I understand that when a vaccine series requires more than one dose, my consent continues until all required doses of the vaccine have been provided to my child, unless I provide prior written or verbal revocation to the school Public Health Nurse. <p>As a parent/guardian of this child, I understand and acknowledge that it is my responsibility to:</p> <ul style="list-style-type: none"> Seek medical attention should my child have an unusual or severe reaction following immunization. If this occurs, I will seek treatment for my child and notify public health immediately. Inform the school nurse of any changes to my child's health status set out in Section 2 which arise after signing this consent form. NOTE: It is recommended that parents/guardians discuss consent for immunization with their children. Efforts are first made to get parental/guardian consent for immunizations. However, children at least 13 years of age and older who are able to understand the benefits and possible reactions for each vaccine and the risks of not getting immunized, can legally consent to receive or refuse immunizations in Saskatchewan by providing mature minor informed consent to a healthcare provider.

A PARENT/GUARDIAN MUST CHECK YES OR NO, AND THEN SIGN AND DATE FOR THE VACCINE LISTED BELOW
<input type="checkbox"/> YES I DO CONSENT FOR MY CHILD TO BE IMMUNIZED WITH THE <u>TETANUS, DIPHTHERIA AND PERTUSSIS</u> VACCINE. <input type="checkbox"/> NO I DO NOT CONSENT FOR MY CHILD TO BE IMMUNIZED WITH THE <u>TETANUS, DIPHTHERIA AND PERTUSSIS</u> VACCINE. SIGNATURE _____ DATE <u>YY/MM/DD</u>

Parents - Complete sections 1, 2 and 3 on this form and return it to the school.

SECTION 4: NURSE USE ONLY

Student's Name: _____ M F DOB _____ HCN# _____

Date consent directive entered into Panorama: _____ Nurse initials: _____

Use this section if Point of Service documentation is unavailable.

Date given	Vaccine	Dose #	Lot #	Dosage	Route	Site	Nurse signature	POS / Entered
	Tdap			0.5 mL	IM	LA RA		

Verbal consent obtained <input type="checkbox"/>		Mature minor consent obtained <input type="checkbox"/>		Notes:
Parent/Guardian name		Student signature		
Phone number		Date & time		
Date & time		Nurse signature		
Nurse signature				