

School Program Directive Training Quiz March 2022

- 1) A) What is the recommended dose for each of the following vaccines for grade 7's?

Gardasil 9 **0.5 ml** Menactra **0.5 ml** Recombivax or Engerix-B **1.0 ml**

- B) What is the recommended dose for each of the following vaccines for a grade 10 student who is 16 years old?

Gardasil 9 **__0.5ML** Menactra **__0.5ml__** Recombivax or Engerix-B **0.5ml__**

- 2) Which one of the vaccines offered in the grade 7 program is required according to the Immunization of School Pupils Act?

Men-C-ACYW

- 3) What are three things you can do to assist a student who is nervous:

Encouraging language, Distraction, Choice, Handholding/Friend

- 4) What would be the correct dosage of 1: 1,000 epinephrine in the event of an anaphylactic reaction for a grade 7 student? For a grade 10 student?

12 year old 0.4 ml or 13 year old 0.5 ml 16 year old is 0.5ml

For a student who received all three school vaccines, where would you administer their epinephrine if needed?

The anterolateral thigh

- 5) When setting up for clinic, how long do you have to ensure the table tops are wet for when using Optim TB wipes before you consider them ready for use for clinic?

1 minute

- 6) What is the minimum alcohol concentration in an alcohol based hand rub needed for nurses providing immunizations

- a) 50%
- b) 60%
- c) 70%**
- d) 80%

- 7) A few minutes following immunization, a student notices a couple of little red hives on her arm while sitting in aftercare. How would you proceed?

Have student remain in aftercare for 30 minutes. Could offer cool compress.

A few minutes later, while asking her questions you notice that their voice has changed and has become high pitched and she keeps trying to clear her throat. How would you proceed?

Alert coordinator and request emerg bag

Promptly administer 0.3 ml or .5 ml depending on age of epinephrine in the opposite arm that the vaccine was given

Call 911

Place the patient in a recumbent position, elevating the feet if possible.

Ensure adequate airway - if airway impaired, improve position by using head tilt, chin lift or jaw thrust.

Monitor vital signs and reassess the situation frequently to guide medication use.
Arrange for rapid transportation to emergency department.

8) What school program vaccines can a student with an anaphylactic latex allergy receive?

Menactra & Gardasil 9 & Engerix-B

9) A student presents at your station for her second dose of HPV vaccine. When reviewing the screening questions, they report that they had a sore arm for a couple of days when they received their first dose, and fainted shortly after. You review the progress notes in m-Imms which describe a fainting episode after dose 1. The student is worried she is allergic to the vaccine and should not have the last dose.

List 3 things that you would ask to further your assessment?

1. Further assess with student to confirm no signs of anaphylaxis when she fainted and provide reassurance of such
2. Local reaction following first dose?
3. Has she eaten breakfast this morning?

List 3 things that you would include in your health teaching with this student about this situation?

1. Expected side effects and comfort measures she can take
2. Importance of completing the series to ensure best protection
3. Some people do faint when they have needles...it is not from the needle or what is in it but rather the person's on bodily reaction to the thoughts of getting a needle – steps to take to prevent fainting

10) When reviewing the screening questions with a grade 7 student, he tells you that he received Twinrix last evening at his doctor's office because his family is planning a trip this winter. Should he delay having his HB immunization today at school?

YES

NO

11) Shortly after receiving his immunization, a grade 7 student faints. You get him to the floor safely and he recovers approximately 15 seconds later. How would you proceed?

Have him continue to lie down for a few minutes, then progress to sitting position on the floor with something supporting his back. Wait until he feels ready to stand up. Have him wait longer than the 15 minutes to ensure he is feeling ok.

Offer juice and cold pack if he would like.

Assess for further symptoms or injuries.

Document incident on progress notes.

Ensure that his parents are called and notified of incident.

Tell him to come back to the clinic if he starts to feel unwell

12) While reviewing the screening questions with a student, they share that they have recently been diagnosed with epilepsy. They have started medication but have not yet met with their neurologist. How would you proceed?

Defer. Recommend they discuss with their neurologist and contact health unit once it has been decided can proceed. Contact parent to review with student's consent.

13) For a student receiving all 3 school vaccines in round 1, where would you administer each of the three vaccines?

Hep B

Left Deltoid

HPV inferior (lower) right
Men-C-ACYW superior (upper) right

14) A student has two documented doses of Twinrix. How would you proceed?

Recommend they finish with Twinrix. Contact parent with student consent to discuss.

15) Can you administer school vaccines if the student has recently had their COVID Vaccine?

Yes - there is no time interval between covid vaccine and any other vaccination. Co-Administration has been approved by NACI and Ministry of Health.