

5. Which of the following statements regarding influenza are true/false?

T/F The incubation period for influenza virus is 1-3 days

T/F The flu vaccine doesn't work because people still get the flu

T/F Those who are pregnant and/or breastfeeding should not have a flu shot

T/F You can get influenza from the influenza vaccine

T/F The flu virus can live on hard surfaces for 24-48 hours and your hands for 5 minutes

6. List the **antigenic** components of the flu vaccine used during the pandemic influenza season?

7. List the other **compositional elements** of the flu vaccine used during the pandemic influenza season?

8. Of the following statements regarding Standard Precautions, circle which are correct.

a) gloves are required when administering flu vaccine

b) wash hands well or use a sanitizer between clients

c) to prevent accidental needle stick injury, do not recap needles

d) without putting the used needle and syringe down, immediately discard uncapped needle and attached syringe into a hard sided, labelled sharps container

e) do not empty used needles and syringes from one sharps container to another

7. List the steps would you take if you sustained a percutaneous (needlestick) injury?

8. Individuals who administer vaccines should screen every client for contraindications and precautions. A **contraindication** is a condition in a recipient that greatly increases the chance of a serious adverse reaction. A **precaution** is a condition in a recipient that may increase the chance of a serious adverse reaction, or that **may** compromise the ability of the vaccine to produce immunity. Place an '**C**' to indicate a **contraindication** or a '**P**' to indicate a **precaution** to the influenza vaccine.

___ infants less than 6 months of age

___ history of anaphylactic reaction to a previous dose of any type of influenza vaccine

___ history of anaphylactic reaction to eggs

___ history of anaphylactic reaction to any component of influenza vaccine

___ moderate to severe acute illness with or without a fever

___ history of severe ORS, for example, wheeze, chest tightness/discomfort, difficulty breathing

9. What are the common questions that should be asked before administering the **flu vaccine**:

10. Vaccines are intended to produce active immunity to specific antigens. An adverse reaction is an untoward effect caused by a vaccine that is extraneous to the vaccine's primary purpose of production of immunity.

Vaccine adverse reactions fall into three categories - local, systemic and allergic. List some of the common reactions of the **flu vaccine** under each category:

| LOCAL | SYSTEMIC | ALLERGIC |
|-------|----------|----------|
| | | |
| | | |
| | | |
| | | |

Review the form that you would use to report adverse vaccine events and describe what temporal criteria means. Attach this form to the certification test.

12. Vaccine recipients should be advised to remain under supervision for at least ___ minutes after immunization, regardless of whether or not they have had the particular vaccine previously.

13. Your 65 year old client has just received a flu shot. She states that her lips are tingling, her tongue feels thick and she has a hoarse cough. Which of the following statements are true/false?

T/F She could be experiencing an anaphylactic reaction

T/F You should position her lying flat with legs elevated

T/F If epinephrine is administered, it should be given intramuscularly in all cases

T/F The correct dose of epinephrine for those (14 years +) is 0.5mls of epinephrine 1:000 IM or SC into an uninjected limb or at least 2.5 cm away from the immunization site

T/F Repeat epinephrine at 10-15 minute intervals if breathing becomes more laboured or level of unconsciousness decreases

T/F Call 911 or Ambulance after instituting all above measures

14. List the steps involved in drawing up a dose of flu vaccine?

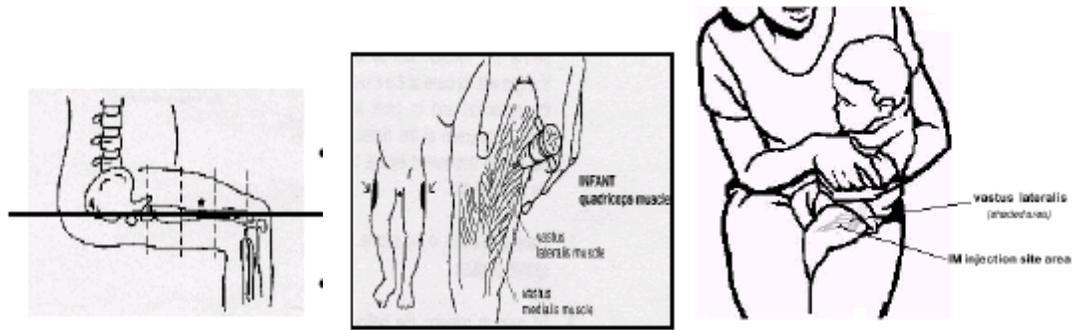
15. For the specific age groups listed below, describe the administration route, injection site, dosage, needle size and length:

| | Route | Site | Dosage | Needle Size & Length |
|------------------------------------|-------|------|--------|----------------------|
| Infants 6-35 months | | | | |
| Children 3-8 years | | | | |
| Children \geq 9 years and Adults | | | | |

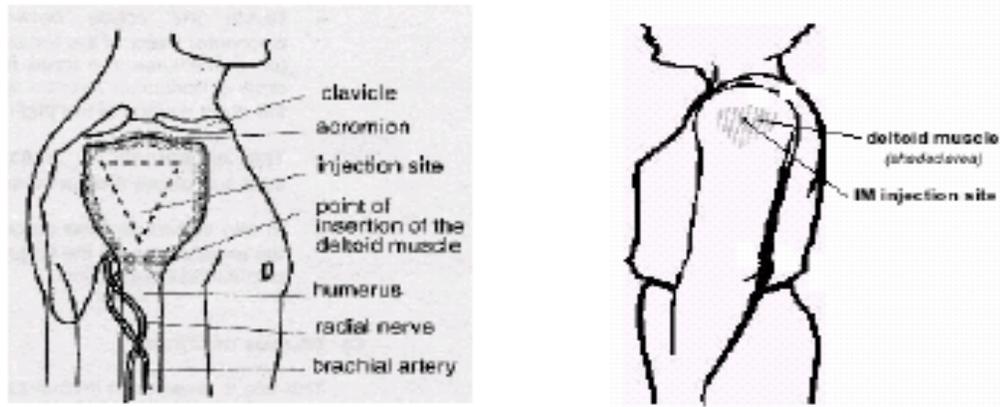
When immunizing, what is the best position for the following groups:

- a) An infant
- b) A child
- c) An older child or adult

16. a) Looking at the pictures below, how would you define the vastus lateralis site?



b) Looking at the pictures below, how would you define the deltoid site?



17. Once you have land marked the appropriate site, list the steps on how to give an intramuscular injection?

18. a) What information should you provide to the client prior to administering flu vaccine?

b) What information should you record after administering a flu shot during a pandemic?

19. The term '**cold chain**' refers to a system of (please circle the correct statement(s))

- a) distribution for vaccines
- b) ensuring that vaccines arrive at their final destination with immunogenic properties intact
- c) storage of vaccines
- d) maintaining the temperature of vaccines between +2 to +8° Celsius
- e) all of the above

20. Which of the following statements regarding vaccine storage are accurate? (please circle the correct statement(s))

- a.) food, beverages and laboratory specimens can be stored in the fridge/hard-sided cooler along with vaccines
- b.) once the multidose vial is punctured, may print date of opening on label and use within 60 days providing good technique and cold chain maintained
- c.) vaccine can be placed in the fridge door in addition to central shelves
- d.) when using hard-sided cooler, always place vaccines on ice packs wrapped in paper/bubble packing
- e.) temperature within the fridge/insulated cooler must be maintained between 0° C and 8° C

21. Which of the following statements are correct regarding exposures of vaccines to temperatures outside of the recommended range:

- a) Use the vaccine if it has been exposed for less than 1 hour
- b) Contact the appropriate manufacturer to get the vaccine replaced
- c) Discard the exposed vaccine into an appropriate container
- d) Consult with the Clinic Director re: safety to use

PANDEMIC INFLUENZA IMMUNIZATION SKILLS CHECKLIST

Health Region: _____ Date of Completion: _____
(YYYY/MM/DD)

Name & Signature of Practice Evaluator: _____

Name & Signature of Vaccine Provider: _____

Clinic Setup:

- Demonstrates appropriate knowledge of protocol for the management of anaphylaxis, and describes emergency plan to manage anaphylactic event
- Ensures anaphylaxis kit is complete and accessible
- Sets up supplies and equipment to promote proper body mechanics and OHS standards
- Stores and handles vaccine to maintain cold chain

Performs appropriate client assessment prior to immunization:

- health status
- adverse event history

Obtains informed consent:

- Refers to appropriate Health File(s)
- Describes the nature and purpose of the vaccine(s)
- Discusses benefits and risks of receiving the vaccine
- Reviews contraindications, precautions, and adverse events related to vaccine(s) to be administered
- Discusses risks associated with not having the vaccine
- Provides aftercare instructions
- Ensures client has opportunity to ask questions

Prepares vaccine correctly:

- Cleanses hands
- Maintains sterile/aseptic technique
- Selects correct vaccine, checks expiry date, and dosage
- Selects appropriate syringe and needle size
- Draws up vaccine correctly

Demonstrates correct vaccine administration:

- Instructs parent to position and hold child appropriately
- Accurate intramuscular injection technique and site location
- Safely handles and disposes of syringe
- Assists parent to comfort child as needed

Documentation:

- Documents contraindications and reported adverse events
- Documents vaccines given on personal record and agency record
- Documents declined vaccines

PANDEMIC INFLUENZA IMMUNIZATION CERTIFICATION

is hereby granted to:

for Competence in Written and Clinical Performance



Certifier:
Granted on: