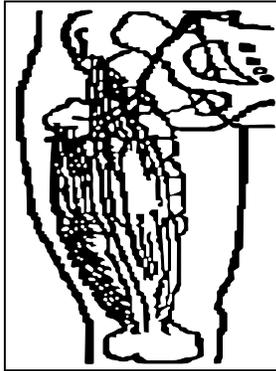
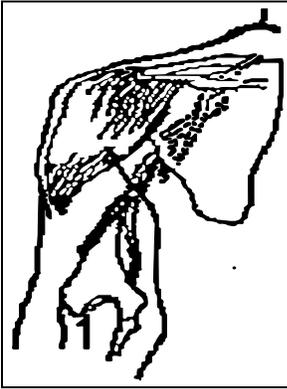


# Vaccine Administration Techniques

## POST-TEST



1. Indicate the site for (a) an intramuscular, and (b) a subcutaneous immunization on an adult.
2. Please mark the site for an infant or toddler's **DTaP** immunization.
3. Please indicate above with arrows the angle of the needle used for (a) an intramuscular and (b) a subcutaneous immunization.
4. If the following three vaccines were to be administered simultaneously to an adult, which site(s) and method(s) of immunization would be used for each:

| <u>Type of Vaccine</u> | <u>Route(s) of Injection/administration</u> | <u>Site(s)</u> |
|------------------------|---|----------------|
| Influenza              | _____                                       | _____          |
| Pneumococcal           | _____                                       | _____          |
| Td/Tdap                | _____                                       | _____          |

5. What factors should be considered when determining the needle size and site for an intramuscular injection?
  - a. Patient's age
  - b. Volume of material to be administered
  - c. Size of the muscle
  - d. Depth below muscle surface into which the material is to be injected
  - e. All of the above
6. Circle the site which is **never** recommended for immunizations.
 

|                        |                     |
|------------------------|---------------------|
| a. Deltoid             | b. Vastus Lateralis |
| c. Anterolateral Thigh | d. Gluteus Maximus  |
7. Check the pediatric vaccines which may be given to a child on the same visit as a TB skin test:  
 \_\_\_Varicella      \_\_\_DTaP      \_\_\_Hib      \_\_\_MMR
8. Vaccines can be mixed in a single syringe when:
  - a. Vaccines are licensed and labeled to be mixed
  - b. There is need to decrease the number of injections to be given
  - c. Giving all live or all inactivated vaccines.

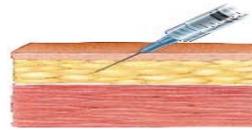
9. Which of the following is not a route of vaccine administration?
- IM
  - IT
  - SC
  - Nasal

10. Which type of injection is this?
- SL
  - SC
  - IM
  - IV



11. When administering intranasal influenza vaccine it is necessary to re-administer vaccine if client sneezes immediately following administration?
- True
  - False
12. You must re-administer rotavirus if the infant spits or regurgitates following administration.
- True
  - False

13. The needle angle is correct for an SC injection.
- True
  - False



14. Never recap or clip needles prior to disposal.
- True
  - False
15. If both hepatitis A and B vaccines are indicated, it is acceptable to mix the two vaccines together in one syringe.
- True
  - False
16. When more than two IM vaccines are given to an infant at one visit, the gluteal (buttock) muscle should be used.
- True
  - False
17. A new needle and syringe must be used for each vaccination.
- True
  - False
18. MMR and varicella vaccines are both given subcutaneously.
- True
  - False
19. The proper needle length for an SC injection in a child or adult is 5/8inch.
- True
  - False
20. No vaccine should be injected unless epinephrine is immediately available.
- True
  - False