



## Quiz #2: Vaccine Administration

True    False

- 1. Subcutaneous (SC) injections are generally given perpendicular to the skin.
- 2. No vaccine should be injected unless epinephrine is immediately available.
- 3. The recommended needle size for an adult intramuscular (IM) injection is 1–1 ½ inches.
- 4. Never recap or clip needles prior to disposal.
- 5. If both hepatitis A and B vaccines are indicated, it is acceptable to mix the two vaccines together in one syringe.
- 6. MMR and varicella vaccines are both given subcutaneously.
- 7. A new needle and syringe must be used for each vaccination.
- 8. IM injections should be inserted at an 80° to 90° angle to the skin.
- 9. The proper needle length for an SC injection in a child or adult is 5/8–3/4 inch.
- 10. The vastus lateralis (lateral thigh) is the muscle of choice for administering an IM injection to a child less than 12 months of age.
- 11. When more than two IM vaccines are given to an infant at one visit, the gluteal (buttock) muscle may be used.
- 12. The vaccination record card does not need to be given to the parent until the infant's vaccinations are completed.

---

### Test Answers

F-T F-F T-F T-F T-F T-F T-F T-F T-F T-F T-F T-F

If you missed any of these questions, you can find explanations for the answers in CDC's *Epidemiology and Prevention of Vaccine-Preventable Diseases* (a.k.a. "The Pink Book"), which you can download from CDC's website at [www.cdc.gov/nip/publications/pink](http://www.cdc.gov/nip/publications/pink). You can also find information in the American Academy of Pediatrics current *Red Book*, which you can order online at [www.aap.org/bookstore](http://www.aap.org/bookstore) or by calling (866) 843-2271.

[www.immunize.org/catg.d/p7002qz.pdf](http://www.immunize.org/catg.d/p7002qz.pdf) • Item #P7002 (1/05)