



## Quiz #2: Vaccine Administration

True    False

- 1. SQ 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 IM injection is 1–1½ 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 SQ 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 vaccine to a child under 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.

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### Test Answers

1-F 2-T 3-T 4-T 5-F 6-T 7-T 8-T 9-T 10-T 11-F 12-F

Did you get an A+? If you missed any of these questions, you can find explanations for the answers in previous issues of *NEEDLE TIPS and the Hepatitis B Coalition News*, the American Academy of Pediatrics' *2000 Red Book*, or in ACIP statements (visit [www.immunize.org/acip](http://www.immunize.org/acip)).

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