

TVFC in Action
Principles of Vaccine Storage & Handling
 Pre-Training Questionnaire

In order to preserve your anonymity and ensure confidentiality, we will not be collecting names or any other personally identifiable information on these questionnaires. Instead, each binder has a unique, randomly assigned four-digit identification code that can be found on the last page. Please write that number on all questionnaires relating to this training and be sure to enter it in the space provided below and at the end of the questionnaire.

NOTE: We have no ability to trace numbers back to specific individuals.

Four-Digit Identification Code: _____

We recognize that many factors (i.e. experiences, training, etc.) have contributed to your level of knowledge about vaccine storage and handling principles. Please rate your **current** level of knowledge on **vaccine storage and handling principles?**

Beginner	Intermediate						Expert		
1	2	3	4	5	6	7	8	9	10
<input type="radio"/>									

Please read the instructions for each question carefully. If you are uncertain about an answer, please select 'Don't know/Not sure' rather than guessing. Your honest responses will help us more effectively evaluate this training.

1. Which statement is true? (Choose one.)

- a. Visual inspection of refrigerated vaccine is a reliable indicator of freeze damage to the vaccine
- b. Most refrigerated vaccine is destroyed by freezing**
- c. As long as refrigerated vaccine is thawed after being exposed to freezing temperatures, it is still usable
- d. None of the above
- e. Don't know/Not sure

2. Fill in the blanks with the letter corresponding to the correct answers below. (Each answer choice can be used only once.)

A dormitory-style refrigerator is defined as a small **c. combination** refrigerator/freezer unit that is outfitted with **d. one** exterior door and an evaporator plate (cooling coil), which is usually located **a. inside** an icemaker compartment (freezer) within the refrigerator.

- | | | | |
|-----------|----------------|--------------|------------------------|
| a. Inside | c. Combination | e. Outside | g. Don't know/Not sure |
| b. Two | d. One | f. Dual Zone | |

3. Based on current CDC recommendations and VFC requirements, which statement is true (choose one):

- a. The freezer section of a combination refrigerator/freezer can be used for frozen vaccine storage
- b. Providers must use a pharmaceutical grade refrigerator for vaccine storage
- c. A dormitory style refrigerator can continue to be used for vaccine storage until 2014
- d. None of the above**
- e. Don't know/Not sure

4. For each statement below, please circle "T" for True, "F" for False or "DK" if you don't know or aren't sure.

- | | | | |
|----------|----------|----|--|
| T | F | DK | Once potency of vaccine is destroyed, it can never be restored. |
| T | F | DK | Vaccine with the soonest expiration date should always be moved to the back of the storage unit so that it will not be used. |
| T | F | DK | Vaccines being kept in temporary storage units must be stored at the required temperatures during storage in those units. |

5. **Current CDC recommendations for storage unit temperature monitoring devices include** *(choose all that apply)*:
- Device should be built into the unit
 - Device provides continuous temperature monitoring**
 - Device is remotely monitored
 - Don't know/Not sure
6. **Which of the following should not be done upon the arrival of a new vaccine shipment?** *(Choose one.)*
- Open immediately
 - Inspect
 - Check temperature monitors
 - Do nothing until the VFC coordinator gets to it**
 - Review the packing slip
 - Don't know/Not sure
7. **From the list below, choose the action(s) that should be taken by a provider when a storage unit temperature excursion is identified.** *(Choose all that apply.)*
- Contact the immunization program**
 - Continue to use the vaccine until instructed otherwise by the immunization program
 - Quarantine potentially compromised vaccine**
 - Label "DO NOT USE"**
 - Use previous excursion guidance to determine if vaccine can still be used
 - Contact manufacturer**
 - Don't know/Not sure
8. **In the statement below, fill in the blank with the correct answer.** *(Choose one.)*

The only way to assure that refrigerated vaccines have been transported properly and can continue to be used is to include a _____ during transport.

- thermometer anywhere in the container
- calibrated thermometer directly with the vaccines**
- frozen pack on top of the vaccines
- thermometer directly on top of the vaccines
- Don't know/Not sure

Four-Digit Identification Code: _____