B|BRAUN
SHARING EXPERTISE

Name:_____

Date:_____

APEX® COMPOUNDING SYSTEM
USER TRAINING RECORD

Training Lesson: Filling a Dual-Chamber Final Container

Circle the correct answer.

1. **True or False**: With the APEX Compounding System, Dual-Chamber Final Containers can be used to separate the lipid component from the remainder of your ingredients in your parenteral nutrition order.

2. Which steps are required to select a Dual-Chamber Final Container in the APEX software?
   a. Tap "Touch to Select Final Container" on the main screen of the control panel.
   b. On the Select Final Container screen, tap "List All" to view the full inventory of APEX-compatible Final Containers.
   c. Select the Dual-Chamber Final Container that has the appropriately sized chambers to contain the ordered volumes of the lipid component and other ingredients.
   d. Tap "Ok" to return to the Select Final Container screen.
   e. All of the above.
   f. None of the above.

3. When preparing to fill the Large Chamber of the Dual-Chamber Final Container, how should the Dual-Chamber Final Container be oriented on the Load Cell?
   a. With the print side facing up and the Small Chamber of the container positioned on top of the Large Chamber.
   b. With the print side facing down and the Small Chamber of the container positioned under the Large Chamber.
   c. With the print side facing down and the Small Chamber of the container positioned to the side of the Large Chamber.

4. Which two attributes of the selected Dual-Chamber Final Container are populated by APEX after scanning the barcode on the outer packaging of the selected size of the Dual-Chamber Final Container?
   a. The size of the Final Container and the Expiration Date.
   b. The Lot Number and the Expiration Date of the Final Container.
   c. The size of the Final Container and the Lot Number.
   d. The Serial Number of the Final Container and the Lot Number.

5. **True or False**: APEX will pump all of the ingredients into the Large Chamber of the Dual-Chamber Final Container first and then pump the lipid component into the Small Chamber.

6. Once APEX has successfully completed compounding the Large Chamber of the Dual-Chamber Final Container, what steps must the technician take next?
   a. Tap "Order Completed Successfully" and "Apply Order Status"
   b. Tap "Done" and leave the Dual-Chamber Final Container on the Load Cell
   c. Close the clamp on the Final Container fill port and move the outlet tube of the transfer set from the Large Chamber fill port to the Small Chamber fill port.
   d. Remove the Dual-Chamber Final Container from the Load Cell, close the clamp and apply the cap to the fill port of the Large Chamber of the Final Container.
   e. Only A & D
   f. All of the above

7. When does APEX require the technician to flush the manifold with lipid?
   a. Prior to pumping the Large Chamber of the Dual-Chamber Final Container
   b. After pumping the Small Chamber of the Dual-Chamber Final Container
   c. Prior to pumping the Small Chamber of the Dual-Chamber Final Container

8. **Fill in the Blank:** When preparing APEX for the lipid manifold flush, _____ technique should be used to introduce a _____ _____ into the laminar flow hood.

9. **True or False**: Station 18 is the number of the station where your lipid will be hanging.

10. When preparing to fill the Small Chamber of the Dual-Chamber Final Container, how should the Dual-Chamber Final Container be oriented on the Load Cell?
    a. With the print side facing down and the Small Chamber still positioned under the Large Chamber of the Dual-Chamber Final Container.
    b. With the print side facing down and the Small Chamber still positioned on top of the Large Chamber of the Dual-Chamber Final Container.
    c. With the print side facing up and the Small Chamber still positioned to the side of the Large Chamber of the Dual-Chamber Final Container.

11. **True or False**: Once APEX has compounded the Small Chamber of the Dual-Chamber Final Container successfully, the technician then taps "Order Completed Successfully" then "Apply Order Status" and the Compounding Activity Report will automatically print out if there are no manual additions.

12. **Fill in the blank:** Once APEX has completed compounding the lipid portion of the dual-chamber order, it then requires a _____ _____ utilizing a _____ _____ located on stations numbered 1 – 3 with a "U" under the number.

13. **True or False:** The most efficient way to compound a batch of Dual-Chamber Final Containers is to pump all of the Large Chambers of the Dual-Chamber Final Containers first followed by a single manifold flush with lipid and then to pump all of the Small Chambers.

14. **True or False:** APEX's records and Compounding Activity Reports will be complete if users fill the Small Chamber of the Dual-Chamber Final Container manually or in some other alternative manner.