

1 PRIMING



- Check all connections for tightness on the Transpac IV SAFESET monitoring kit.
- If you are using an “add-on” SAFESET extension set, attach the female luer to the stopcock on the transducer of your monitoring kit.



- Remove the white vented cap from the female luer of the zeroing stopcock.
- Follow the manufacturer’s instructions for clearing the monitoring system of air through the zeroing stopcock of the transducer.
- Change the white vented cap to a yellow nonvented cap.



- Release the locking mechanism on the SAFESET in-line reservoir by depressing the ridged area of the plunger clip. Pull the in-line reservoir plunger back to approximately 2 cc.
- Hold the SAFESET in-line reservoir in the upright position with the tip pointed up.



- Activate the flush device. Check for adequate removal of any air bubbles at the tip of the SAFESET reservoir, allowing fluid to go past the 1-way stopcock distal to the SAFESET reservoir. “Close” the SAFESET reservoir until it is in the locked position.
- Continue to flush until all air is cleared from the system to reduce the risk of air emboli.



- Attach the male luer to the patient’s catheter being certain not to introduce air into the system during the connection procedure.

2 OBTAINING A BLOOD SAMPLE



- Release the locking mechanism of the SAFESET in-line reservoir by depressing on the ridged area of the plunger clip.
- Pull back on the plunger slightly to fill. Fill the reservoir no faster than 1 cc per second to avoid occlusion of the catheter.



- Once an appropriate discard volume* has been obtained in the SAFESET in-line reservoir, turn “off” the one-way stopcock integral to the reservoir. This is done by turning the handle perpendicular to the tubing.



- Per hospital policy, use disinfectant to cleanse the SAFESET sampling port from which the sample will be drawn.



- Attach the SAFESET blunt cannula or shielded blunt cannula to the blood collection device (e.g., syringe, blood tube holder).



- Insert the shielded blunt cannula into the cleansed SAFESET sampling port. Obtain the necessary amount of blood for a sample into the blood collection device.
- Insert the blood vacutainer if using a blood tube holder.



- Prior to removing the needleless access device, turn the one-way stopcock between the sampling port and the patient “OFF,” if accessible.
- Remove the blood sampling device from the sampling port as a single unit.
- If using a syringe, aspirate slightly while removing the blood collection device from the sampling port as a single unit.



- Turn the one-way stopcock distal to the sampling port back to the “ON” position (handle of the stopcock parallel to the patient line).



- Turn the one-way stopcock integral to the in-line reservoir back to the “ON” position (handle of the stopcock parallel to the patient line).
- Return the fluid contained in the SAFESET in-line reservoir back to the patient by slowly pressing down on the plunger.
- Return the reservoir volume to the patient at a rate of 1 cc per second, until the plunger reaches its locked position.



- Once the SAFESET in-line reservoir is in the locked position, activate the flush device until the line is clear of all blood.

DISCARD VOLUME DETERMINATION*

When aspirating “discard” volume, note the “volume” in the SAFESET in-line reservoir when the blood reaches the sampling port from which you will draw your clean sample (if volume is between marks, round up). Multiply the reservoir volume “times 4” and continue to fill the reservoir until that volume is contained in the SAFESET in-line reservoir. Follow your hospital policy for obtaining a discard sample.