



SafeSet™

Blood Sampling System

1. Priming



Step 1

- › Check all fittings to ensure tight connection.
- › If you are using an add-on SafeSet extension set, remove the white vented cap from the female luer and attach luer to the monitoring kit.
- › Follow transducer instructions for set up and clearing the monitoring system through the zeroing stopcock (steps 1-5 on Transpac IT DFU poster).
- › Remove the white cover from the male luer at patient connector.



Step 2

- › Release locking mechanism on SafeSet in-line reservoir by depressing plunger clip and pull back to approximately 2 cc.
- › Hold SafeSet in-line reservoir in upright position with one-way stopcock at the top while activating the flush device on the monitoring kit.
- › Check for adequate removal of any air bubbles at tip of SafeSet reservoir, allowing fluid to go past 1-way stopcock distal to SafeSet reservoir. "CLOSE" SafeSet reservoir until it is in locked position.



Step 3

- › Pressurise solution bag to 300 mmHg.
- › Continue to flush until all air is cleared from system to reduce risk of air emboli.



Step 4

- › Turn the handle(s) of the luer-activated blood-sampling port(s) "OFF" towards the blue valve.



Step 5

- › For systemic arterial pressure line, activate flush mechanism in monitoring kit while allowing arterial cannula to back flow when connecting monitoring system to the patient.

2. Obtaining a Blood Sample



Step 6

- › Turn handle of luer-activated blood-sampling port from which sample will be drawn so that all three paths are open ("OFF" handle opposite blue valve).
- › Release locking mechanism of SafeSet in-line reservoir and pull back on plunger slightly to fill. Fill reservoir no faster than 1 cc per second to minimise risk of occlusion of catheter.



Step 7

- › Once an appropriate discard volume has been obtained in SafeSet in-line reservoir, turn "OFF" one-way stopcock at the SafeSet in-line reservoir (handle of stopcock perpendicular to patient line).



Step 8

- › Per hospital policy, use disinfectant to swab the luer-activated blood-sampling port from which the sample will be drawn.
- › Insert the blood collection device, e.g. syringe, into the luer-activated port and aspirate the necessary amount of blood for sample into the blood collection device.



Step 9

- › Prior to removing the blood collection device, turn the stopcock handle on the luer-activated blood-sampling port "OFF" to the patient.
- › Aspirate slightly as you remove the blood collection device from the sampling port.
- › Turn handle of luer-activate blood-sampling port so that all three paths are open ("OFF" handle opposite blue valve).



Step 10

- › Turn one-way stopcock at the SafeSet in-line reservoir back to "ON" position (handle of stopcock parallel to patient line).
- › Return fluid contained in SafeSet in-line reservoir back to patient by slowly pressing down on plunger at a rate of 1 cc per second, until plunger reaches its locked position.
- › Activate flush device until line is clear of all blood.



Step 11

- › Turn handle of luer-activated blood-sampling port "OFF" towards blue valve.
- › Using disinfectant, per hospital policy, cleanse SafeSet port following sample removal.

Indications

To be used for blood withdrawals on patients that require periodic withdrawal of blood samples. This system should only be used with a monitoring line that includes a flush device.

Contraindications

Not to be used on monitoring lines that do not contain a flush device.