

Aseptic technique

Step 1:

Peel open the syringe package only as far as necessary to safely remove the syringe from the original sterile package. Leave the syringe in the package, or remove the syringe from the package and hold the syringe in one hand.

Do not place the syringe onto a bedside stand, tabletop or other surface outside of its original sterile packaging.

There is no longer a tip cap on the syringe to act as a barrier to contamination, therefore make every effort to avoid touch or contact with a non-sterile material or surface.

Step 2:

Peel open the needle package, sharps safety-engineered device, or other sterile item that is to be connected to the tip of the syringe. Be sure that you peel open only enough packaging to be able to visualize and safely attach the end of the component to the syringe.

Step 3:

If you left the syringe in the original package on a flat surface, you should now remove it from its package by grasping the plunger rod end and sliding it out from the open package. Then connect the tip of the syringe as directed below.

There is no longer a tip cap that must be removed prior to connection.

Connect the sterile luer hub of the component to the syringe tip and twist on to ensure a secure fitting. Be sure that your hand remains on the exterior of the newly attached component and on the barrel of the syringe.

Traditional peel open and connect



Aseptic technique

Sterile field (peel and present)

Step 1:

Peel open the package only as far as necessary to safely dispense the syringe onto a sterile field or to safely transfer, aseptically, the syringe to another person who may already be "sterile".

There is no longer a tip cap on the syringe to act as a barrier to contamination, therefore make every effort to avoid touch or contact with a non-sterile material or surface.



Step 2:

Open the syringe package further in anticipation of tossing the syringe onto a sterile field. Toss the syringe onto the sterile field without crossing the vertical line, delineating the sterile field barrier/area.



Step 3:

Open the needle package as you did the syringe package, and toss onto the sterile field.



Step 4:

The person who is sterile can now connect the needle to the syringe tip. Be sure not to touch the tip of the syringe, using aseptic technique at all times.

There is no longer a tip cap that must be removed prior to connection.



While this is not a recommended technique and BD does not support its use, it is frequently practiced in rushed or emergency procedures. Use of good aseptic technique is always imperative no matter how life threatening the situation.

Step 1:

Should you choose to "pop through" the paper-like package, every effort must be made to ensure that you grasp the tip end of the syringe and press the flanges/plunger rod through the paper-like top of the package, avoiding contact with the fluid path.

There is no longer a tip cap on the syringe to be used to grasp or pierce the package.

Step 2:

You may then place the syringe down on a hard surface making sure that the tip of the syringe remains within the original sterile package, or you must remove the syringe by carefully grasping the thumb press and flanges.

Step 3:

Open the needle package, sharps safety-engineered device or other component you wish to connect to the syringe tip using good aseptic technique. (Peel open the package only far enough to expose the end of the component you wish to connect to the syringe.)

Step 4:

If you chose to leave the syringe in the package, lying on a flat surface, you should now remove the syringe by grasping the thumb press and the flanges and lifting the syringe out of the package. *Be sure to make every effort to avoid touching the tip of the syringe to the exterior of the paper package. There is no longer a tip cap on the syringe to act as a barrier to contamination, therefore make every effort to avoid touch or contact with the exterior of the paper package or other non-sterile material or surface.*

Connect the sterile luer hub of the component to the syringe tip and twist on to ensure a secure fitting.

"Pop through"

