Positive Pressure Flush Technique with the Clave® Connector

The Clave is an IV connector designed with the ability to perform a positive pressure flush. The unique internal fluid path allows for flush solution to be continuously infused while simultaneously disconnecting from the device. This practice, also known as a positive pressure flush, is intended to compensate for the negative displacement of fluid or blood reflux that occurs upon disconnection of an administration device.

The Clave Connector has a very small negative displacement characteristic of 0.02 mL upon disconnection. This small amount can be compensated for when a positive pressure flush is correctly performed upon disconnection. Please see the directions for use on how to perform a positive pressure flush with the Clave Connector.

Positive Pressure Flush Protocol:

1. Flush Clave Connector as normally recommended after each use per facility protocol. Use about 1 mL of the flush solution to conduct the positive pressure flush.

2. Without disconnecting flush syringe, grasp syringe barrel firmly with thumb and fingers and position index finger on top of syringe plunger.

3. While disconnecting syringe, allow index finger to rest firmly on plunger in order to push the remaining 1 mL of flush from syringe.

4. This procedure will allow you to completely fill the catheter, and prevent the backflow of blood into the catheter lumen upon disconnection.

If there are further questions or concerns, please visit our website at www.icumed.com or contact the corporate offices at 949-366-2183 or 800-824-7890.

Technical Services
ICU Medical Inc.