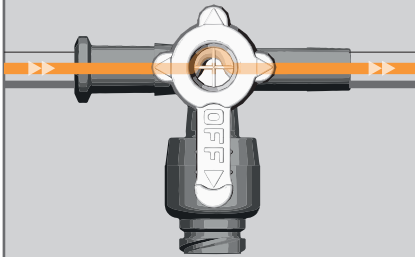


# Marvelous™ (MRVLS)

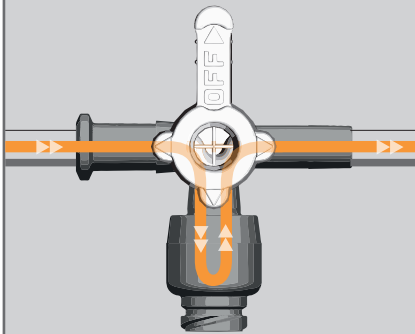
## 1 Arm-Handle Version

### Positions

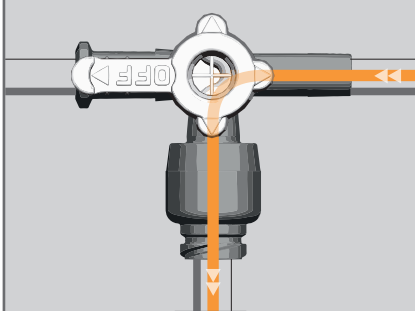
◀ Pressure Side Patient Side ▶



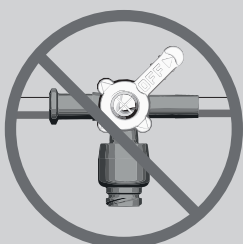
Monitoring



Priming | Flushing



Sampling

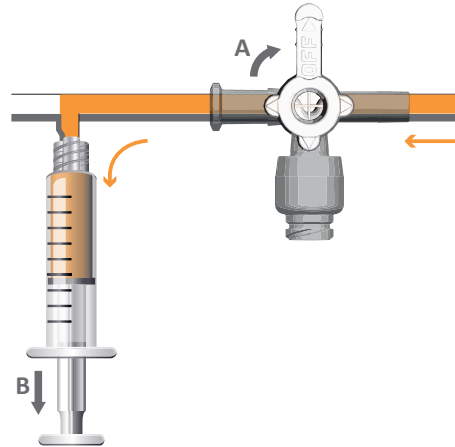


All closed positions  
are not applicable

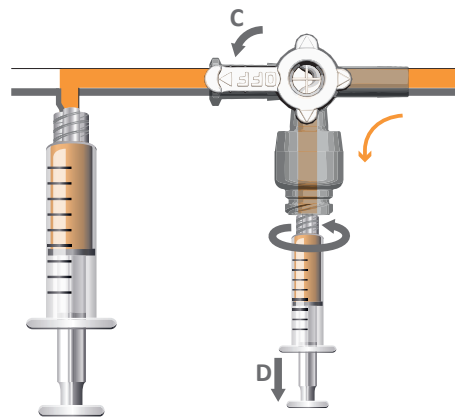
### Blood Sampling Guide

#### Closed System

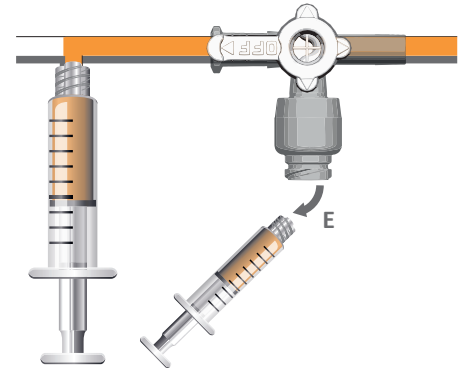
- Turn the handle to the Flushing position.
- Pull the required amount of dead space using the integral syringe.



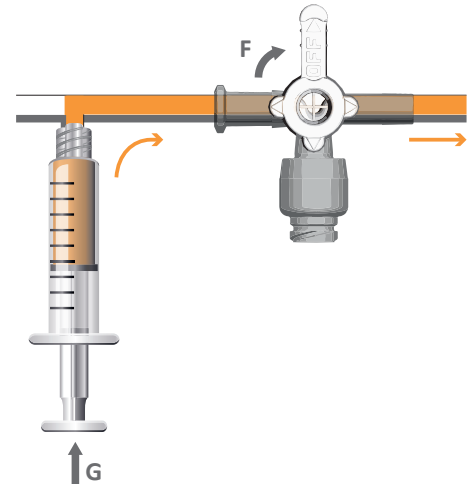
- Turn the handle to the Sampling position.
- Attach the sampling syringe and take a blood sample.



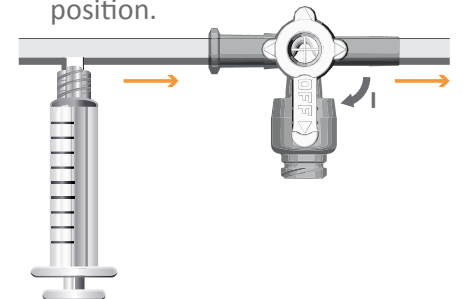
- Detach the sampling syringe.



- Turn the handle to the Flushing position.
- Return the dead space.



- Flush the line.
- Turn the handle to the Monitoring position.



- For use only with standard luers.
- Insert the sampling syringe into the swabbable valve by using a clockwise, twisting motion, (applicable for both Luer slip and Luer lock syringes)
- Do not use needles to access the valve port.
- There is no need for caps, plugs, "Heparin-locks", cannulas or any other add-on components to close the valve port.

**Important note:** These instructions for the Marvelous™ are NOT meant to define or suggest any medical or surgical technique. The individual physician is responsible for the proper procedure and techniques to be used with this product.

RX only