

BD® PhaSeal™ Optima System circle priming with drug in line with pump

Equipment necessary:

1. IV bag prepared with PhaSeal™ Optima Infusion Adapter (C100-O)
2. PhaSeal™ Optima Injector (N35-O or N40-O)
3. Primary IV administration set
4. IV pump

Procedure:

NOTE:

- Ensure all luer lock connections are securely tightened
- Follow aseptic technique and local guidelines for safe handling of hazardous drugs

1. Close the clamp on the IV administration set. With the bag below eye level, spike the administration set into the infusion adapter.



2. Hang the IV bag and prime the drip chamber per the manufacturer's package insert. Slowly open the clamp on the IV administration set and manually prime the line, only past the cassette/air sensor on the administration set. Close the clamp and luer lock the injector onto the end of the set.



3. With the IV bag below eye level and on a flat surface, engage the injector to the infusion adapter interface by pushing the injector straight until the two pieces snap together. Hang and place the IV set into the pump mechanism. Open the clamp and set the pump to prime (i.e., rate of 999 mL/hr and VTBI at 20 mL) and start the pump.

NOTE: Ensure that the drip chamber remains 2/3 full during the priming process.



4. When the line is primed, stop the pump and clamp the IV administration set. With the IV bag on a flat surface and below eye level, disengage the injector from the connection interface on the infusion adapter by pulling straight back. The primed IV bag and administration set containing the hazardous drug are now ready for administration.

NOTE: If there is a need to flush post infusion, refer to procedure 2.3 in the BD PhaSeal™ Optima System Clinical Procedures Manual Flushing through the Infusion Adapter (C100-O).