



# Product Reference Guide

## ClearGuard™ HD

Antimicrobial Barrier Caps

Use the standard facility or industry recommended aseptic technique when accessing the catheter.

### Placing a ClearGuard HD Cap on a Hemodialysis Catheter



- › Ensure that the catheter extension tubing pinch clamp is closed.



- › Use the standard facility or industry recommended aseptic technique when accessing the catheter.



- › Use the standard facility and industry recommended practices to flush the catheter and to instill locking solution. Ensure that the catheter extension tubing pinch clamp is closed.



- › Remove the pair of ClearGuard HD caps that are contained in a shield from the foil pouch.



- › Remove a single ClearGuard HD cap (red or blue), by rotating the lock ring counterclockwise, taking care to only handle the lock ring; do not touch the rod.



- › Carefully insert the ClearGuard HD rod into the catheter hub and, using a simultaneous push and twist motion, tighten by rotating clockwise.
- › Attach the remaining cap using the same procedure

**WARNING:** Do not allow the ClearGuard HD rod or luer to contact non-sterile items; touching the rod or luer with non-sterile items may lead to a bloodstream infection. Discard the ClearGuard HD cap if the rod or luer contacts non-sterile items or gloved hands.

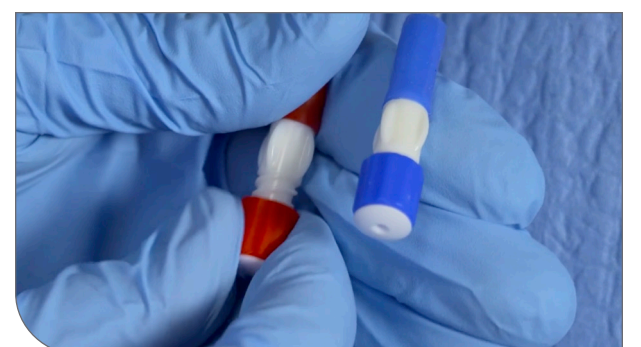
### Removing a ClearGuard HD Cap on a Hemodialysis Catheter



- › Ensure that the catheter extension tubing pinch clamp is closed.



- › Use the facility's standard cap and hub cleaning procedures.



- › Carefully support catheter hub with one hand and, using other hand, remove ClearGuard HD cap by rotating counterclockwise and discard.
- › After the cap is removed, proceed using your facility's current policies and procedures. Remove the remaining cap using the same procedure.

**PRECAUTION:** Caps must never be reused or reconnected to the catheter hub once removed or contamination of the catheter may occur.