

# Central Line Maintenance Bundle

<http://www.cdc.gov/hicpac/BSI/BSI-guidelines-2011.html>

## Hand Hygiene

- Wash hands with conventional soap and water or with an alcohol-based hand rub (ABHR) prior to and after accessing (Cat. IB):
  - ✓ The central line
  - ✓ The dressing
  - ✓ The needleless access device (including hubs, connectors and ports)

## Dressing Change

- Dressing is clean, dry and intact (IB)
  - Transparent dressing changed q 7 days (IB)
- OR
- If gauze dressing used, gauze dressing changed q 48 hours (II)
  - Site cleaned with chlorhexidine-based preparation using a back and forth motion for 30 seconds (IA)

## Scrub the Hub

- Catheter hubs, needleless connectors and injection ports are cleaned before accessing the catheter with chlorhexidine, iodine or 70% alcohol (IA) and a twisting motion used for at least 15 seconds.

## Tubing and Devices

- Administration sets not used for blood products or lipids are changed no more frequently than 96 hours (IA)
- IV tubing and devices for TPN and blood/blood products are replaced within 24 hours of starting the infusion (IB)
- Needleless access devices are changed using aseptic technique, no more frequently than 72 hours (II)

## Removing the Line When No Longer Needed

- The need for daily intravascular access with a central line is assessed daily to determine if the line is still indicated and documented in the medical record (IA). If not indicated, the central line is removed.

## Optional

- If applicable, Chlorhexidine-impregnated sponge dressing in place (IB) or chlorhexidine-impregnated dressing used. If a chlorhexidine-impregnated sponge dressing is used, it is oriented correctly and changed at the same time as the transparent dressing
- If applicable, A sterile, suture-free securement device for catheter stabilization is used and changed it at the same time as the transparent dressing (II)
- If applicable, Patient bathed daily with 2% chlorhexidine (II)