



# CENTRAL LINE-ASSOCIATED BLOODSTREAM INFECTION PREVENTION BUNDLE



## HAND HYGIENE

Wash or sanitize hands before and after touching or accessing a device.



## LINE ASSESSMENT

*“Is the line necessary?”* Document the reason for the device every shift and remove unnecessary lines. Inspect the dressing and insertion site at least daily or per institutional policy. Flush per institutional policy.



## SCRUB THE HUB

Vigorously apply mechanical friction or “scrub the hub” with sterile alcohol or other facility-approved pad and allow to dry, per institutional policy. Repeat for each hub. Disinfectant caps may be used per institutional policy.



## DAILY ANTISEPTIC BATHING

Ensure daily bathing with an antiseptic wipe or solution (such as chlorhexidine gluconate). If antiseptic is contraindicated, ensure daily bathing with soap and water.



## IV TUBING

Change IV tubing, needleless access devices, and all add-on devices (such as extension sets and filters) per institutional policy. Label the tubing and ensure tubes are within ‘use-by’ date.



## DRESSING CHANGES

Change transparent dressings every 7 days and sterile gauze dressings at least every 2 days. Change the dressing more often if it becomes wet, loose, or visibly soiled. Label the dressing with the date and time changed or per institutional policy.



## SECURE THE DEVICE

Use a securement method, such as an adhesive or integrated securement device, to stabilize and secure the device.



## PATIENT EDUCATION

Educate patients about the signs and symptoms of an infection and how to protect themselves.

## MORE INFORMATION

Centers for Disease Control and Prevention. [Intravascular Catheter-related Infection \(BSI\) Prevention Guidelines](#). April 12, 2024.  
Buetti N, Marschall J, Drees M, et al. [Strategies to prevent central line-associated bloodstream infections in acute-care hospitals: 2022 Update](#). *Infection Control & Hospital Epidemiology*. 2022;43(5):553-569. doi:10.1017/ice.2022.87.  
Infusion Nurses Society. [Infusion Therapy Standards of Practice](#), 9th Edition. 2024.



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