

# Algorithm Steps



## PREVENT INFECTION when inserting and maintaining a central venous catheter (CVC)

### CVC INSERTION

- Surgical scrub
- Maximal sterile barrier
- Sterile body drape
- Aseptic technique
- 2% Chlorhexidine in 70% IPA for skin decontamination
- The subclavian site is used if possible, jugular and femoral sites if clinically indicated
- Sterile transparent semi-permeable dressing to CVC

Is the **CVC insertion** care bundle completed? \_\_\_\_\_

### CVC MAINTENANCE

- Review clinical need for CVC daily
- Remove if no longer clinically required
- Inspect site for signs of infection
- Chlorhexidine-impregnated dressing in place
- Dressing is dry and intact and changed in the last seven days
- 2% chlorhexidine in 70% IPA for cleaning insertion site
- Hand hygiene before accessing site and hubs
- 2% chlorhexidine in 70% isopropyl alcohol wipe before accessing catheter hubs

Is the **CVC maintenance** care bundle completed? \_\_\_\_\_

### Important Practice Points

- When adherence to aseptic technique cannot be ensured (for example when CVCs are inserted during a medical emergency), consider replacing CVC where possible.
- Remember IV to PO switch where appropriate - clinical staff to review IV and antibiotic therapy daily



Antimicrobial Resistance  
and Infection Control Team