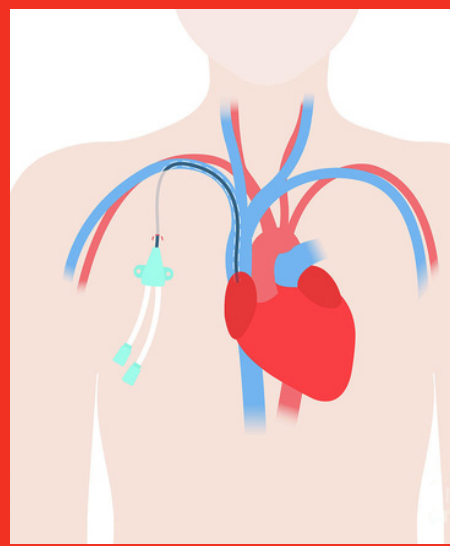


Central Venous Catheter Care (CVC) Bundle

DEFINITION :

Strategies to prevent these infections include the implementation of the central venous catheter (CVC) bundle



INDICATIONS :

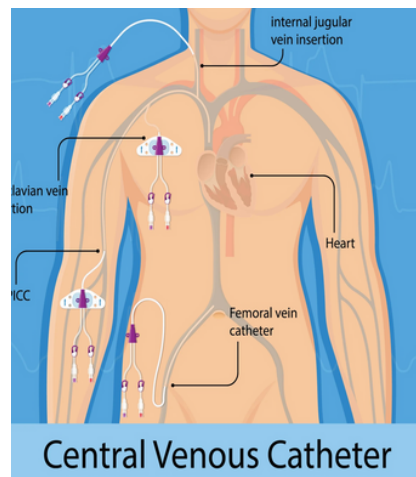
1. Monitoring
2. Long term IV access
3. Inotropes
4. Poor venous access
5. TPN

PREPARATION BEFORE CVC INSERTION :

1. Procedure should be performed in treatment room
2. Fan should be switched off to prevent contamination from the environment
3. To ensure sharps bin, general waste bin and clinical waste bin is within reach



INSERTION BUNDLE:



1. Necessity of the line
2. Optimal insertion site
 - 1st choice - Subclavian
 - 2nd choice - Internal jugular
 - Last choice - Femoral
3. Hand hygiene
4. Maximal barrier precautions (Sterile glove/ Gown/ Cap/ Mask) (Cover patients with large sterile drapes)
5. Chlorhexidine 2% in 70% alcohol skin antisepsis
 - Back and forth motion for 30 sec & allow dry
 - For groin >Scrub 2 mins & allow dry 2 mins

MAINTENANCE BUNDLE:

1. Hand hygiene
2. Clean, dry, intact dressing
 - Change dressing
 - Transparent - every 7days
 - Gauze - every 48 hours
3. Scrub the hub 15 sec
4. Daily review of the line
 - Assess line patency (flushing catheter with 10mls NS/ heparin saline)
 - Review for the needs
5. Daily bathing for patients



19/1/2026
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***Frequency of i/v tubing change every 72 - 96 hours, if blood product < 4 hours or 4 units. If TPN every 24 hours. (CDC,2011)