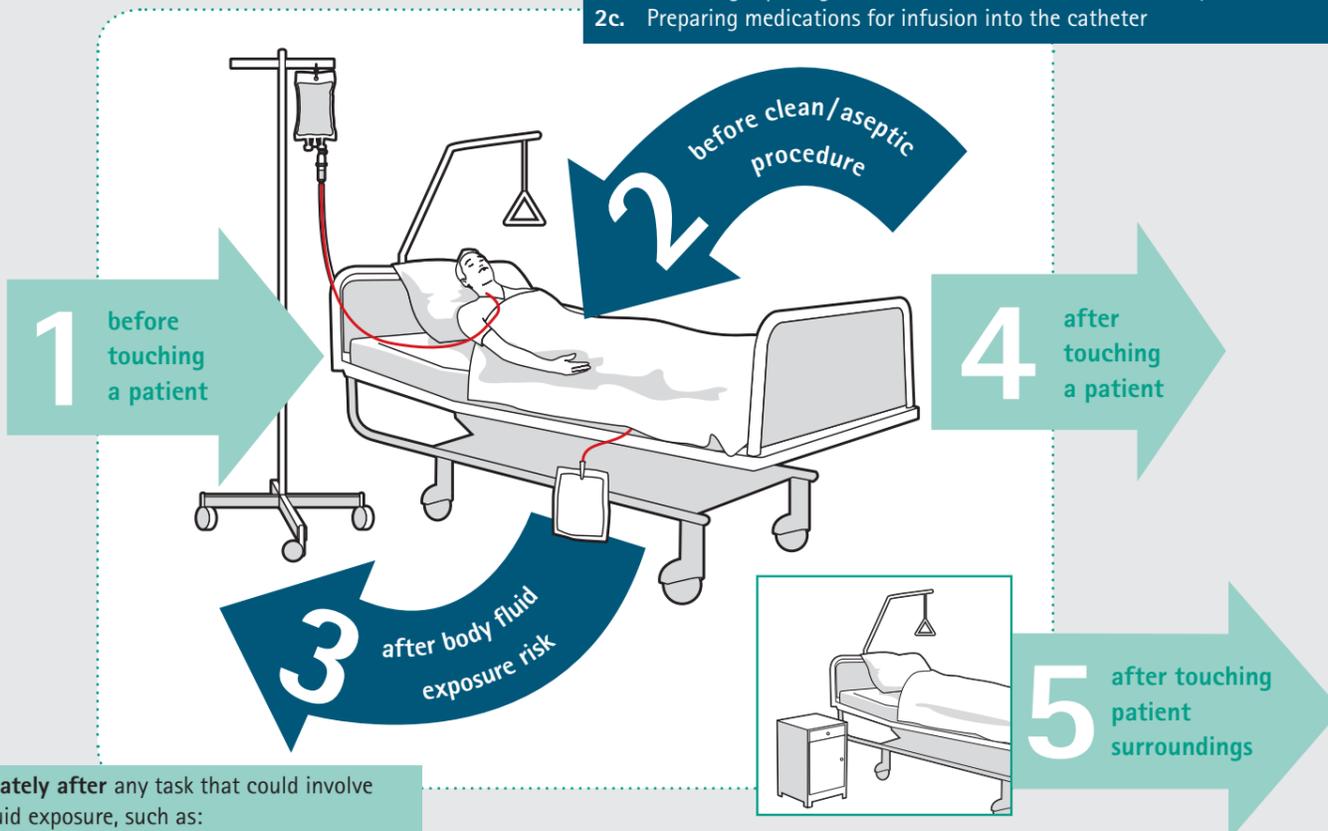


Immediately before any manipulation of the catheter and the associated intravenous medication administration system, such as:

- 2a. Catheter insertion (before putting on sterile gloves), catheter removal (before putting on clean, non-sterile gloves), dressing change, drawing blood, or before preparing associated equipment for these procedures
- 2b. Accessing (opening) the administration set and infusion system
- 2c. Preparing medications for infusion into the catheter



Immediately after any task that could involve body fluid exposure, such as:

- 3a. Inserting or removing the catheter
- 3b. Drawing blood from the catheter

*Based on the 'WHO hand hygiene improvement approach' posters, URL: http://www.who.int/entity/gpsc/5may/EN_PSP_GPSC1_5May_2015/en/index.html
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KEY ADDITIONAL CONSIDERATIONS FOR CENTRAL INTRAVENOUS CATHETERS

1. **Indication:** Ensure that a central intravenous catheter is indicated. Remove the catheter when no longer needed / clinically indicated.
2. **Insertion/maintenance/removal**
 - 2.1 Avoid inserting catheters into the femoral vein.
 - 2.2 Prepare clean skin with an antiseptic (alcohol-based 2% chlorhexidine-gluconate preferred) before insertion.
 - 2.3 Use full sterile barrier precautions during insertion (cap, surgical mask, sterile gloves, sterile gown, large sterile drape).
 - 2.4 Replace gauze-type dressings every 2 days and transparent dressings every 7 days; replace dressings whenever visibly soiled.
 - 2.5 Change tubing used to administer blood, blood products, chemotherapy, and fat emulsions within 24 hours of infusion start. Consider changing all other tubing every 96 hours.
 - 2.6 Use aseptic procedure (with non-touch technique) for all catheter manipulations.
 - 2.7 "Scrub the hub" with alcohol-based chlorhexidine-gluconate for at least 15 seconds.
3. **Monitoring:** Record time and date of catheter insertion, removal and dressing change, and condition (visual appearance) of the catheter skin site every day.



MY 5 MOMENTS FOR HAND HYGIENE

Focus on caring for a patient with a central venous catheter*