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A red number denotes where **Key-parts** or **Key-sites** need protecting.

Preparation zone



1 **Disinfect hands** with alcohol hand rub or soap & water.



2 **Disinfect tray** using a disinfectant wipe[§] - creating a **General Aseptic Field**.



3 **Gather equipment** place around tray.



4 **Disinfect hands** with alcohol hand rub or soap & water.*



5 **Prepare equipment** protecting **Key-Parts** with **Micro-Critical Aseptic Fields** (Caps/ sheaths/ sterile packaging).



6 **Prime extension set** using a non-touch technique (NTT) within packaging. Do not remove syringe from needle free device.

Patient zone

Prepare patient.
Apply disposable
tourniquet and
palpate vein.

Loosen tourniquet
after suitable vein
located.



7 **Disinfect hands** with alcohol hand rub or soap & water.



8 **Disinfect skin** using a 70% isopropyl alcohol skin wipe, for at least 30 seconds, to clean contour of vein and allow to air-dry. Do not touch the **Key-Site** once decontaminated.



9 **Disinfect hands** with alcohol hand rub or soap & water.*



10 **Re-apply tourniquet then apply non-sterile gloves** & disposable apron.



11 **Anchor vein below insertion site** and insert cannula protecting **Key-Parts** & **Key-Sites** using NTT (if palpated re-disinfect the skin).



12 **Remove tourniquet,** then needle, and dispose of immediately into sharps bin.



13 **Attach extension line** & flush device with 0.9% sodium chloride using a pulsatile technique. Apply clamp.



14 **Apply dressing** using a NTT and secure extension with surgical tape.



15 **Remove gloves** followed by apron (if either worn) & then immediately ...



16 **Disinfect hands** with alcohol hand rub or soap & water

Decontamination zone



17 **Disinfect tray** using a disinfectant wipe.[§]



18 **Disinfect hands** with alcohol hand rub or soap & water.*

Ensure dressing is dated and record of insertion completed.

[§]Some brands/ types of disinfectant wipes may require gloves to be worn when using. ^{*}After using disinfectant wipes without gloves, we recommend disinfecting hands with soap & water.