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| \* Verify Healthcare Provider prescription​  **IV Insertion** |
| Gather supplies​ |
| * Prefilled saline syringe​ |
| * Extension tubing​ |
| * IV start Kit​ |
| * IV catheter package-18, 20, 22 gauge​ |
| \* Wash Hands​ |
| Identify self to the client as student nurse​ |
| \* Identify client with 2 verifiers​ |
| \* Assess client for allergies of medications, adhesive, latex, iodine |
| Educate client regarding procedure​ |
| Assess client for contraindications/preferences​ |
| * + Right or left hand dominant, mastectomy, dialysis access, previous injury or stroke |
| \* Wash hands​ |
| Open IV start kit aseptically |
| Apply tourniquet 4-6 inches above insertion site |
| \* Select vein and then release tourniquet within 2 minutes​ |
| Prepare supplies on clean surface​ |
| \* Attach prefilled saline syringe to extension tubing ​ |
| * + Prime tubing while maintaining aseptic technique​ |
| * + Loosen cap at end of extension tubing​ |
| Reapply tourniquet 4-6 inches above appropriate insertion site​ |
| \* Wash hands and apply clean (non-sterile) gloves​ |
| \* Prepare site​ |
| * + Cleanse site from center to outer in circular motion​ |
| * + Allow to dry without blowing or fanning​ |
| \* Perform venipuncture ​ |
| * + Bevel up at appropriate angle​ |
| * + While safely anchoring the skin below insertion site​ |
| * + Use 15–25-degree angle during insertion​ |
| * + Assess ​for blood return in catheter chamber​ |
| * + Then lower catheter until it is parallel to skin​ |
| \* Advance catheter into vein while holding needle still​ |
| * + **Do not contaminate the site with your gloved hands!​** |
| \* Activate safety to retract needle while holding gentle pressure to vein above insertion site​ |
| * + **Maintain aseptic technique! ​** |
| Dispose needle in sharps container​ |
| \* Stabilize catheter with non-dominant hand​ |
| * + Attach prepared extension tubing while​ |
| * + **Maintain aseptic technique!!! Do not touch site!!!** |
| \* Release tourniquet |
| \* Flush IV catheter with 2-5 ml of prefilled syringe of normal saline​ |
| * + Observe for swelling ​ |
| \* Apply transparent dressing to occlude insertion site ​ |
| * + Secure extension tubing with tape​ |
| Remove saline syringe from extension tubing and discard |
| \*Remove gloves & wash hands |
| Label IV site dressing according to policy​ |
| Document: |
| * + Date and time of insertion​ |
| * + IV site and gauge of IV catheter​ |

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| Verify​ Healthcare provider prescription |
| \* Wash​ Hands |
| \* Identify​ yourself |
| \* Verify​ with 2 identifiers |
| \*Assess ​for allergies |
| Explain procedure |
| Stop​ Infusion; disconnect tubing if any |
| \*Apply​ clean glove |
| Remove​ dressing and tape |
| \* Place​ |
| * + Gauze over IV site​ |
| * + Apply gentle pressure while removing catheter​ |
| * + Assess catheter tip for being intact​ |
| Keep​ gauze in place and place pressure until hemostasis is achieved |
| Secure​ gauze over sit with tape |
| \* Remove ​gloves |
| \*Wash ​hands |
| Documentation: ​ |
| * + Date and time of removal ​ |
| * + Assessment of IV site​ |
| * + Intactness of catheter tip​ |
| * + Dressing and hemostasis achieved​ |

**IV Removal**