**Figure S1. Inserting a Peripheral Intravenous (IV) Line Checklist**

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| --- | --- | --- | --- |
| **Name:** |  | **Date:** |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Item** | **No** | **Yes** |
| 1. | Did the learner collect and correctly prepare all the supplies? | [ ]  | [ ]  |
|  | Transparent Medical Dressing | [ ]  | Saline flush | [ ]  | IV catheter needle | [ ]  | IV extension tubing | [ ]  |  |  |
|  | Tourniquet | [ ]  | Antiseptic | [ ]  | Luer adapter/cap | [ ]  | Gloves | [ ]  |  |  |
| 2. | Did the learner don gloves? | [ ]  | [ ]  |
| 3. | Did the learner identify the nondominant arm? | [ ]  | [ ]  |
| 4. | Did the learner flush the IV extension tubing? | [ ]  | [ ]  |
| 5. | Did the learner attach the Luer adapter/cap to the end of the IV extension tubing? | [ ]  | [ ]  |
| 6. | Did the learner inspect the nondominant arm for the most distal veins that appear easiest to cannulate? | [ ]  | [ ]  |
| 7. | Did the learner prepare the skin with an antiseptic (70% alcohol, tincture of iodine, an iodophor or chlorhexidine gluconate) before peripheral venous catheter insertion? | [ ]  | [ ]  |
| 8. | Did the learner refrain from touching the intended cannulation site after it has been cleaned? | [ ]  | [ ]  |
| 9. | Did the learner advance the needle into the vein at 30o-40o angle with the bevel facing up? | [ ]  | [ ]  |
| 10. | Did the learner advance the catheter by extending the dominant index finger? | [ ]  | [ ]  |
| 11. | Did the learner retract the needle? | [ ]  | [ ]  |
| 12. | Did the learner remove the needle? | [ ]  | [ ]  |
| 13. | Did the learner apply pressure above the IV site without letting go of the catheter after the needle is removed? | [ ]  | [ ]  |
| 14. | Did the learner lock the extender securely proximal to the catheter hub? | [ ]  | [ ]  |
| 15. | Did the learner remove the saline flush syringe? | [ ]  | [ ]  |
| 16. | Did the learner apply transparent medical dressing over the IV insertion site on the hub of the catheter? | [ ]  | [ ]  |
| **Instructor:** |  |