

Adult Central Venous Catheter (IJ) Checklist

Name:

Date:

Skill Key: A=Done correctly B=Done incorrectly/not done

| | | |
|---|---|--|
| A | B | Informed consent obtained (risks, benefits, consent given) |
| A | B | Place the patient in slight Trendelenburg position |
| A | B | Flush the ports on the catheter with sterile saline |
| A | B | Clamp each port (okay to keep brown port open) |
| A | B | Remove brown port from end of catheter to accommodate wire |
| A | B | Clean the area with chlorhexidine |
| A | B | Get in sterile gown, gloves, hat, and mask |
| A | B | Drapes area in usual sterile fashion (must be full body drape) |
| A | B | The ultrasound probe is properly set up with sterile sheath and sonographic gel |
| A | B | The vein is localized using anatomical landmarks with the US machine |
| A | B | The skin is anesthetized with 15 lidocaine in a small wheal |
| A | B | The deeper structures are anesthetized |
| A | B | Using the large needle or catheter-syringe complex, cannulate the vein while aspirating (must be done with US) |
| A | B | Remove the syringe needle or advance the catheter into the vein removing both the syringe and needle |
| A | B | Advance the guidewire into the vein no more than approximately 12-15 cm |
| A | B | Knick the skin with the scalpel to advance the dilator |
| A | B | Advance the dilator over the guidewire and dilate the vein |
| A | B | Advance the triple lumen over the guidewire |
| A | B | Never let go of the guidewire |
| A | B | Once the catheter is inserted, remove the guidewire in its entirety |
| A | B | Advance the catheter approximately to 14-16 cm on the right side (16-18 cm on the left side) |
| A | B | Ensure there is blood flow/flush each port |
| A | B | Secure the catheter in place (suture or staple) |
| A | B | Place dressing over catheter |
| A | B | Get a chest x-ray |
| A | B | Notify that the catheter is ok to use |
| A | B | Maintain sterile technique |

Maximum total score:

(27)

| | |
|-------------|--|
| Total Score | |
|-------------|--|

Comments:

Evaluator: