



MASTERY CHECKLIST

Done independently and correctly	Needed help, done incorrectly or not
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1. Plans insertion site: Palpates iliac crest and follows to the midline interspace of L4/5 or L5-S1 on spine before beginning procedure	<input type="checkbox"/>	<input type="checkbox"/>
2. Prepares for procedure: Dons gloves, opens tray, selects appropriate needle (22G 1.5") and opens/prepares tubes	<input type="checkbox"/>	<input type="checkbox"/>
2a. Discusses consent process	<input type="checkbox"/>	<input type="checkbox"/>
2b. Discusses analgesia (oral sucrose, topicals, lidocaine infiltration, sedation)	<input type="checkbox"/>	<input type="checkbox"/>
3. Cleanses: (A) Betadine applied in 3 widening concentric circles (dry for 1-minute) OR (B) Chlorhexadine scrubbed for 30 seconds	<input type="checkbox"/>	<input type="checkbox"/>
4. Maintains sterility: Drapes placed under and on top of model to create a sterile field and sterility is maintained throughout procedure	<input type="checkbox"/>	<input type="checkbox"/>
5. Instructs holder: Asks to position model in lateral decubitus or sitting position in the fetal position without obstructing the airway <i>**Ask trainee how they want you to hold if not instructed</i>	<input type="checkbox"/>	<input type="checkbox"/>
6. Inserts needle		
6a. Proper interspace L4/5 or L5/S1	<input type="checkbox"/>	<input type="checkbox"/>
6b. Midline of back at center of imaginary line drawn from iliac crest - iliac crest	<input type="checkbox"/>	<input type="checkbox"/>
6c. Inserted perpendicular into skin- relative to imaginary line from crest-crest	<input type="checkbox"/>	<input type="checkbox"/>
7. Advances needle		
7a. Toward umbilicus (~15 degrees cephalad)	<input type="checkbox"/>	<input type="checkbox"/>
7b. Advances one motion, avoids side to side or coarse movements	<input type="checkbox"/>	<input type="checkbox"/>
7c. Advances slowly with stylet intermittently removed to check for fluid <u>or</u> stylet removed and kept out once needle is through the skin	<input type="checkbox"/>	<input type="checkbox"/>
8. Makes corrections If no fluid obtained – rotates needle 90 degrees or slowly withdraws <u>without exiting skin</u> and redirects needle – avoids coarse movements <input type="checkbox"/> not applicable	<input type="checkbox"/>	<input type="checkbox"/>
9. Acquires fluid: Each tube filled to approximately 0.5 ml	<input type="checkbox"/>	<input type="checkbox"/>
10. Removes needle: Stylet replaced before needle is removed from skin and applies pressure with gauze	<input type="checkbox"/>	<input type="checkbox"/>
11. Discards sharps: Needle safely/correctly handled and discarded	<input type="checkbox"/>	<input type="checkbox"/>

V. END OF TRAINING:

Is the learner able to perform all the steps in the procedure independently/correctly?

Yes, the learner has achieved mastery

No, the learner needs more practice to achieve mastery- inform your site director