# Clinical Procedural Skills CHECKLISTS 2022 - 2023

# **12 Lead Placement**

1. Washed hands.		() Done	() Not Done
Items 2-3 can be done in any order			
2. Placed V1 electrode – fourth intercostal space at the right sternal	() Done	() Done	() Not
border, not over bone.	Correctly	Incorrectly	Done
3. Placed V2 electrode – fourth intercostal space at the left sternal	() Done	() Done	() Not
border, not over bone.	Correctly	Incorrectly	Done
4. Placed V4 electrode – fifth intercostal space on the midclavicular	() Done	() Done	() Not
line, left chest, not over bone (must be performed before placing V3 electrode).	Correctly	Incorrectly	Done
Items 5-7 can be done in any order			
5. Placed V3 electrode – midway between locations V2 and V4, left	() Done	() Done	() Not
chest.	Correctly	Incorrectly	Done
6. Placed V5 electrode – anterior axillary line on the same	() Done	() Done	() Not
horizontal level as V4, left chest.	Correctly	Incorrectly	Done
7. Placed V6 electrode – mid axillary line on the same horizontal	() Done	() Done	() Not
level as V4 and V5, left chest.	Correctly	Incorrectly	Done
Limb electrodes may be placed before ches	t electrodes	(#2)	
Items 8-11 can be done in any order	o ciccii odes	()	
8. Placed left arm electrode – left deltoid or wrist, fleshy area (not	() Done	() Done	() Not
on bone).	Correctly	Incorrectly	Done
9. Placed right arm electrode – right deltoid or wrist, fleshy area	() Done	() Done	() Not
(not on bone).	Correctly	Incorrectly	Done
10. Placed left leg electrode – left inner thigh or above ankle, fleshy	() Done	() Done	() Not
area (not on bone).	Correctly	Incorrectly	Done
11. Placed right leg electrode – right inner thigh or above ankle,	() Done	() Done	() Not
fleshy area (not on bone).	Correctly	Incorrectly	Done

Items 12-13 can be done in any order			
12. Electrodes applied in correct direction. Electrodes above the waist should have tabs pointing down. Electrodes below the waist should have tabs pointing up.	() Done Correctly	() Done Incorrectly	() Not Done
13. EKG machine placed in a convenient location with ample room wires.	to apply	() Done	() Not Done
14. Lead wires properly placed on the correct corresponding electrode.	() Done Correctly	() Done Incorrectly	() Not Done
15. Advised patient to lie still during test.		() Done	() Not Done
16. Correctly ran 12L and identified if printout was acceptable.		() Done	() Not Done

# **Arterial Blood Gas**

1. Washed hands.		() Done	() Not Done
Items 2-4 can be done in any order			
2. Checked that all necessary equipment was available and ready to use		() Done	() Not
			Done
3. Student stated: "I am confirming the patient with at least two identified	ers and	() Done	( ) <b>Not</b>
performing a timeout."			Done
4. Put on examination gloves.		() Done	( ) <b>Not</b>
			Done
	() <b>D</b>	() <b>D</b>	( ) <b>N</b> I (
5. Identified location of radial artery (palpated pulse lateral to flexor	() Done	() Done	() Not
carpi radialis tendon; thumb may not be used for palpation).	Correctly	Incorrectly	Done
Assessor prompt: "Describe and demonstrate the steps in the Allen to	t <b>est.</b> " May u	se instructor's	hand or
task trainer. Student verbalized following steps in noted order.	() <b>D</b>	L ( ) To	( ) <b>b</b> T
6. Held patient's hand up and had patient clench and unclench hand	() Done	() Done	() Not
several times to drain blood from the hand.	Correctly	Incorrectly	Done
7. Compressed the radial and ulnar arteries while patient was	() Done	() Done	() <b>Not</b>
clenching the hand.	Correctly	Incorrectly	Done
8. Lowered patient's arm and had them relax and open their hand.	() Done	() Done	() Not
(This action alleviates tension which can cause inaccurate results.)	Correctly	Incorrectly	Done
9. Released pressure on the ulnar artery and observed for brisk return	() Done	() Done	( ) <b>Not</b>
of color to hand.	Correctly	Incorrectly	Done
10. Assessor prompt: "Describe potential results."		() Correct	()
Student response need not be verbatim: "Positive result: if color return		Response	Incorrect
in 14 seconds or less then procedure can be done. Negative result: if co			Response
to hand in 15 seconds or greater then procedure must be aborted. The o	other hand		
should then be assessed."			
Items 11-13 can be done in any order		T	
11. Prepared area with one CHG (chlorhexidine gluconate) in a	() Done	() Done	() <b>Not</b>
back/forth and up/down motion until area was completely wet.	Correctly	Incorrectly	Done
Alternatively, an idophor swab can be used in concentric circles			
moving outward. Student stated: "Solution stays on site until dry			
before puncturing the skin."			
12. Using a "Heparinized" syringe, removed residual air from syringe	() Done	() Done	() Not
(if a cap was present, it was removed prior to removing air) and	Correctly	Incorrectly	Done
attached needle to syringe if it was not pre-attached.			
13. Slightly adducted arm and dorsiflexed the wrist approximately 30	() Done	() Done	() Not
degrees. May prompt: "How would you position the arm?"	Correctly	Incorrectly	Done
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14. Palpated artery with index finger off non-dominant hand (without contaminating) proximal to planned puncture site.	() Done Correctly	() Done Incorrectly	() Not Done
15. Inserted needle bevel side up at a 30-60 degree angle to the skin and advanced into artery.	() Done Correctly	() Done Incorrectly	() Not Done
16. Assessed for flashback of blood into the syringe, then allowed	() Done	() Done	() Not
syringe to fill. (About 1cc. Assessor should tell examinee that a	Correctly	Incorrectly	Done
smaller amount is sufficient for the purpose of the exam. Assessor			
may prompt for aspiration.)			
17. Placed 2x2 gauze pad over puncture site, withdrew needle, and	() Done	() Done	( ) <b>Not</b>
engaged needle safety device (if present).	Correctly	Incorrectly	Done
18. Removed needle from syringe and disposed of it appropriately.	() Done	() Done	() Not
Placed cap on syringe.	Correctly	Incorrectly	Done
19. Assessor asks: "How long should pressure be applied to punctur	e site?"	() Correct	()
Student response: "At least five minutes."		Response	Incorrect
	I		Response
20. Slowly inverted the syringe 10 times and then rolled between	() Done	() Done	( ) <b>Not</b>
palms to mix.	Correctly	Incorrectly	Done
Items 21-26 can be done in any order			
21. Disposed of used supplies in appropriate containers.		() Done	() Not
21. Disposed of used supplies in appropriate containers.		( ) Done	Done
22. Placed Band-Aid on puncture site.		() Done	() Not
22. Flaced Band Find on paneture site.		() Done	Done
23. In the patient's presence, labeled the syringe and placed in a	() Done	() Done	() Not
biohazard bag. Bag should not contain ice.	Correctly	Incorrectly	Done
24. Assessor asks: "What must you do once the procedure is comple	ted?"	() Correct	()
Student response: "Document in the patient chart including location of	puncture	Response	Incorrect
site, results of Allen test, and any complications."		_	Response
25. Patient comfort was a priority.		() Yes	() No
26. Maintained cleanliness of site throughout the procedure.		() Done	() Not
			Done

# **Escalation of Airway Support: Oxygen Administration**

NASAL CANNULA			
Items 1-2 can be done in any order			
1. Connected end of tubing to oxygen regulator.		() Done	() Not Done
2. Turned on oxygen from 2-6 liters (Student stated range).	() Done Correctly	() Done Incorrectly	() Not Done
3. Placed nasal cannula on patient with prongs correctly placed in nares and tubing gently looped over ears.	() Done Correctly	() Done Incorrectly	() Not Done
SIMPLE MASK			
Items 4-5 can be done in any order			
4. Connected end of tubing to oxygen regulator.		() Done	() Not Done
5. Turned on oxygen from 6-12 liters (Student stated range).	() Done Correctly	() Done Incorrectly	() Not Done
6. Placed mask over patient's face and gently placed elastic strap around the back of the head.	() Done Correctly	() Done Incorrectly	() Not Done
NON-REBREATHER MASK			
Items 7-8 can be done in any order			
7. Connected end of tubing to oxygen regulator.		() Done	() Not Done
8. Turned oxygen to 12-15 liters (Student stated range).	() Done Correctly	() Done Incorrectly	() Not Done
9. Placed finger over vent until reservoir bag was full.		() Done	() Not Done
10. Placed mask over patient's face and gently placed elastic strap around the back of the head.	() Done Correctly	() Done Incorrectly	() Not Done
**NEBULIZER- This skill is being taught for educational purposes. It will	not be tested	on the GCE**	
1. Instilled medication into medication cup.		() Done	() Not Done
2. Attached mouthpiece or mask to medication cup.		() Done	() Not Done
3. Attached corrugated extension tubing (not needed for mask).	() Done	() Done Incorrectly	() Not Done
4. Connected one end of $O_2$ tubing to medication cup and the other to $O_2$ regulator.	() Done Correctly	() Done Incorrectly	() Not Done
5. Turned oxygen to 6-8 liters (Student stated range). Student verbalized: "The medication should be misting."	() Done Correctly	() Done Incorrectly	() Not Done
6. Placed mask over patient face and gently placed elastic strap around head OR placed mouthpiece in mouth.	() Done Correctly	() Done Incorrectly	() Not Done

# **Escalation of Airway Support: BVM Ventilations**

1. Assessor prompt: "What equipment should be set out and checked for bag-mask ventilation?"  Correct response: "Oxygen, ambu bag, oral & nasal airways, suction, and stethoscope."			() Incorrect Response
2. Washed hands.		() Done	() Not Done
Items 3-5 can be done in any order			
3. Put on gloves (verbalized if still wearing gloves from last skill).		() Done	() Not Done
4. Chose appropriately sized mask (fits from chin to bridge of nose) and attached to ambu bag.	() Done Correctly	() Done Incorrectly	() Not Done
5. Checked patient's mouth for foreign material and/or small or ill-fitting dental dev (Note: Good-fitting full dentures may be left in place to get a better seal.)	vices.	() Done	() Not Done
Items 6-9 can be done in any order			
6. Oral airway (corner of mouth to angle of jaw) and nasal airway (opening of nare to tragus of ear) properly measured.	() Done Correctly	() Done Incorrectly	() Not Done
7. Assessor states; "Your patient has a gag reflex." Selected and inserted appropriate adjunct: nasal pharyngeal airway, lubricated generously and inserted with bevel toward the septum with final placement following airway anatomy.	() Done Correctly	() Done Incorrectly	() Not Done
8. Assessor states; "Patient has no gag reflex." Selected and inserted appropriate adjunct: oral pharyngeal airway, curved up towards hard palate first then rotated 180 degrees at soft palate OR used tongue blade to depress tongue and inserted directly.	() Done Correctly	() Done Incorrectly	() Not Done
9. Attached oxygen with tubing and adjusted regulator to at least 15 liters per minute.	() Done Correctly	() Done Incorrectly	() Not Done
Items 10-12 can be done in any order			
10. Head-tilt, chin-lift performed.	() Done Correctly	() Done Incorrectly	() Not Done
11. Performed one-handed technique: thumb & index finger on body of mask, 3rd & 4th digits on jawbone, 5th digits at the angle of the jaw. Little or NO pressure to the sub-mandibular soft tissue.	() Done Correctly	() Done Incorrectly	() Not Done
12. Performed two-handed technique: (Assessor should squeeze the bag for the student.) Both thumbs & index fingers on body of mask, 3rd & 4th digits on jawbone, 5th digits at the angle of the jaw. Little or NO pressure to the submandibular soft tissue.	() Done Correctly	() Done Incorrectly	() Not Done
Items 13-14 can be done in any order			
13. Assessor prompt, "What needs to be checked now?" Student response: "Auscultation of chest by another person."  14. Assessor prompt, "What must you do once the procedure is completed?" Student response: "Document in the patient chart."		() Correct Response () Correct Response	() Incorrect Response () Incorrect Response

# **Foley Catheterization**

Items 1-3 can be done in any order			
1. Washed hands.		() Done	() Not Done
2. Opened all equipment in a sterile manner and prepared for use.	() Done Correctly	() Done Incorrectly	() Not Done
3. Student stated: "I am confirming the patient with at least two identified performing a timeout."	rs and	() Done	() Not Done
4. Put on sterile gloves.	() Done Correctly	() Done Incorrectly	() Not Done
5. Placed first drape at buttocks carefully to maintain sterility (replaced sterile gloves if compromised).	() Done Correctly	() Done Incorrectly	() Not Done
Items 6-9 can be done in any order			
6. Draped the genital area with a fenestrated drape.	() Done Correctly	() Done Incorrectly	() Not Done
7. Attached syringe filled with sterile water to fill port. ( <b>DO NOT TEST FILL BALLOON</b> . Note: the practice of testing the balloon by inflating and deflating it has been found to cause microscopic ridges in the silicone. This causes irritation and patient discomfort as well as increases the chances of a UTI.)	() Done Correctly	() Done Incorrectly	() Not Done
8. Lubricated the distal portion of the Foley catheter, including the balloo	on portion.	() Done	() Not Done
9. Ensured catheter was attached to drainage system (Student must verba	lize).	() Done	() Not Done
10. Maintained a sterile (dominant) hand and a contaminated (non-dominant) hand throughout the remaining steps.			() Not Done
11. Cleansed site using all cotton swabs in kit.  FEMALE  1. Held labia open with non-dominant hand. 2. Cleansed vulva using antiseptic soaked swabstick (or cotton balls/sponges held with forceps) in dominant hand. 3. Prepped the vulva from front to back.  MALE  1. Retracted foreskin and held shaft of penis, near the base, with non-dominant hand. 2. Cleansed using antiseptic soaked swabsticks (or cotton balls/sponges held with forceps) in dominant hand. 3. Started at urinary meatus and worked outward.	() Done Correctly	() Done Incorrectly	() Not Done
12. Inserted lubricated catheter into the urinary meatus with dominant hand. In MALE, gently stretched the penis to straighten the urethra lifting it up and away from the body.	() Done Correctly	() Done Incorrectly	() Not Done

13. Advanced the catheter. (Overcoming slight resistance indicates passage past the urinary sphincter.) In FEMALE, inserted approximately 4 inches. In MALE, inserted to the balloon's sidearm.	() Done Correctly	() Done Incorrectly	() Not Done
14. Confirmed position of the catheter tip by noting urine return. Assessor prompt: "You see a brisk return of urine in the system."	() Done Correctly	() Done Incorrectly	() Not Done
15. Without releasing catheter, inflated balloon with 10cc of sterile water and removed the syringe from the fill port.	() Done Correctly	() Done Incorrectly	() Not Done
16. Gently withdrew catheter (resistance signifies the balloon resting on the bladder neck). In MALE, gently returned foreskin to original position.	() Done Correctly	() Done Incorrectly	() Not Done
17. Student verbalized securing tubing to medial thigh with appropriate such as a stat-lock.	device,	() Done	() Not Done
Items 18-21 can be done in any order			
18. Disposed of supplies appropriately.		() Done	() Not Done
19. Assessor prompt: "What would you do next, after you finished the procedure?"  Student response: "Document the procedure in the patient chart."	e	() Correct Response	() Incorrect Response
20. Patient comfort was a priority.		() Yes	() No
21. Maintained sterility appropriately throughout the procedure.		() Done	() Not Done

# **Injections: Intradermal**

1. Washed hands.		() Done	() Not Done
2. Identified patient using at least two identifiers.		() Done	() Not Done
Items 3-5 can be done in any order			Donc
3. Prepared all equipment.		() Done	() Not
3. Tropared an equipment.		() Done	Done
4. Put on gloves. (If student completed any of the other injection types and wearing gloves, they may continue wearing the original pair.)	was	() Done	() Not Done
5. Stated needle length and gauge ranges for intradermal injections (3/8" to 25-27 gauge needle).	5/8" length	() Done	() Not Done
Items 6-7 can be done in any order			
6. Found and cleaned an appropriate injection site with one alcohol wipe in a concentric circular motion, moving outwards. Allowed alcohol to dry.	() Done Correctly	() Done Incorrectly	() Not Done
7. Opened vial and cleaned with an alcohol pad.		() Done	() Not Done
8. Withdrew correct volume of medication (0.1cc) and removed air from syringe. (It is helpful to first inject 0.1cc air into the vial, then draw up the medication.)	() Done Correctly	() Done Incorrectly	() Not Done
9. Inserted needle superficially with bevel side up at a 15 degree angle.	() Done Correctly	() Done Incorrectly	() Not Done
10. Entered just under epidermis and injected 0.1cc of fluid to form a "bubble" under the skin. (Note: depending on condition of task trainer, a bubble may or may not form.)	() Done Correctly	() Done Incorrectly	() Not Done
11. Removed needle using a 2x2 gauze pad without applying pressure.	() Done Correctly	() Done Incorrectly	() Not Done
Items 12-14 can be done in any order			
12. Disposed of supplies safely and appropriately.		() Done	() Not Done
13. Student stated the patient should return in 48-72 hours later to have the test read. (ID injections are most often used for a TB test.)		() Done	() Not Done
14. Student stated: "I would now document on patient chart: date, time, needle gauge, location of injection, complications, and instructions given."	() Done Correctly	() Done Incorrectly	() Not Done

### **Instructor notes:**

- -Student may leave the same pair of gloves on throughout all three injections.
- -If student has already washed hands and put on gloves they do not need to rewash only verbalize.
  -Injections may be completed in any order but must be entered in Learning Space in numerical order.

# **Injections: Subcutaneous**

15. Washed hands.		( ) Done	() Not Done
16. Identified patient using at least two identifiers.		() Done	() Not Done
Items 17-19 can be done in any order			
17. Prepared all equipment.		() Done	() Not Done
18. Put on gloves. (If student completed any of the other injection types and wearing gloves, they may continue wearing the original pair.)	was	() Done	() Not Done
19. Stated needle length and gauge ranges for subcutaneous injections (1/2" to 1" length 22-24 gauge needle).		() Done	() Not Done
Items 20-21 can be done in any order			
20. Found and cleaned an appropriate injection site with one alcohol wipe in a concentric circular motion moving outwards. Allowed alcohol to dry.	() Done Correctly	() Done Incorrectly	() Not Done
21. Opened vial and cleaned with an alcohol pad.		() Done	() Not Done
22. Withdrw correct volume of medication (0.3cc) and removed air from syringe. (It is helpful to first inject 0.3cc air into the vial, then draw up the medication.)	() Done Correctly	() Done Incorrectly	() Not Done
23. Held tissue gently between thumb and forefinger to raise subcutaneous tissue above the muscle.	() Done Correctly	() Done Incorrectly	() Not Done
24. Inserted needle at a 45 degree angle and injected fluid (0.3cc).	() Done Correctly	() Done Incorrectly	() Not Done
25. Removed needle using a 2x2 gauze pad with slight pressure.	() Done Correctly	() Done Incorrectly	() Not Done
Items 26-29 can be done in any order			
26. Disposed of supplies safely and appropriately.		() Done	() Not Done
27. Place Band-Aid on site.		() Done	() Not Done
28. Gave patient instructions to check for signs of infection.		() Done	() Not Done
29. Student stated: "I would now document on patient chart: date, time, needle gauge, location of injection, complications, and instructions given."	() Done Correctly	() Done Incorrectly	() Not Done

### **Instructor notes:**

- -Student may leave the same pair of gloves on throughout all three injections.
- -If student has already washed hands and put on gloves they do not need to rewash only verbalize.
- -Injections may be completed in any order but must be entered in Learning Space in numerical order.

# **Injections: Intramuscular**

30. Washed hands.		() Done	() Not Done
31. Identified patient using at least two identifiers.		() Done	() Not Done
Items 32-34 can be done in any order			Done
32. Prepared all equipment.		() Done	() Not Done
33. Put on gloves. (If student completed any of the other injection types and wearing gloves, they may continue wearing the original pair.)	was	() Done	() Not Done
34. Stated needle length and gauge ranges for intramuscular injections (1" o with at least a 20 gauge needle). (Note: a 22 gauge needle may be used for t preserve the life of the task trainer.)		() Done	() Not Done
Items 35-36 can be done in any order			
35. Found and cleaned an appropriate injection site with one alcohol wipe in a concentric circular motion moving outwards. Allowed alcohol to dry.	() Done Correctly	() Done Incorrectly	() Not Done
36. Opened vial and cleaned with an alcohol pad.		() Done	() Not Done
	() <b>D</b>	() <b>B</b>	( ) NT 1
37. Withdrew correct volume of medication (0.5cc) and removed air from syringe. (It is helpful to first inject 0.5cc air into the vial, then draw up the medication.)	() Done Correctly	() Done Incorrectly	() Not Done
38. Held skin taut with thumb and forefinger to compress subcutaneous tissue and ensured needle entered muscle.	() Done Correctly	() Done Incorrectly	() Not Done
39. Inserted needle at a 90 degree angle.	() Done Correctly	() Done Incorrectly	() Not Done
40. Drew back slightly on plunger to ensure needle was not in a blood vessel, then injected fluid (0.5cc).	() Done Correctly	() Done Incorrectly	() Not Done
41. Removed needle using a 2x2 gauze and applied slight pressure.	() Done Correctly	() Done Incorrectly	() Not Done
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Items 42-45 can be done in any order  12. Disposed of supplies safely and appropriately		() Done	() Not
42. Disposed of supplies safely and appropriately.		( ) Done	() Not Done
43. Place Band-Aid on site.		() Done	() Not Done
44. Gave patient instructions to check for signs of infection.		() Done	() Not Done
45. Student stated: "I would now document on patient chart: date, time, needle gauge, location of injection, complications, and instructions given."	() Done Correctly	() Done Incorrectly	() Not Done

### **Instructor notes:**

- -Student may leave the same pair of gloves on throughout all three injections.
  -If student has already washed hands and put on gloves they do not need to rewash only verbalize.
  -Injections may be completed in any order but must be entered in Learning Space in numerical order.

# **IV Insertion and Removal**

1. Washed hands.	() Done	() Not Done	
Items 2-4 can be done in any order			
2. Checked that all necessary equipment was available and prepared to use. (Student may create label at this point and prepare tape.)			() Not Done
3. Student stated: "I am confirming the patient with at least two identify performing a timeout."	fiers and	() Done	() Not Done
4. Put on exam gloves.		() Done	() Not Done
Items 5-6 can be done in any order			
5. Applied tourniquet.	() Done	() Done Incorrectly	() Not Done
<ul> <li>6. Cleaned insertion site. Chlorhexidine is preferred, but an alcohol prep is an acceptable alternative:</li></ul>	() Done	() Done Incorrectly	() Not Done
7. Inserted needle superficially with bevel side up. Advanced needle until a flashback of blood was obtained. If unsuccessful, removed needle and started procedure over in a different vein or proximal to initial site with a new needle (return to step #5).	() Done	() Done Incorrectly	() Not Done
8. Advanced catheter over needle up to hub. Applied pressure proximal to catheter using one finger to occlude blood flow. Removed the needle and activated needle safety device if present. It is acceptable to place the sharp in the sharps container if possible.	() Done	() Done Incorrectly	() Not Done
9. Removed tourniquet.		() Done	() Not Done
10. Attached IV tubing to hub of catheter.	() Done	() Done Incorrectly	() Not Done
Itams 11 12 can be done in any order			
Items 11-12 can be done in any order  11. Opened IV line to ensure proper flow of fluids, which indicates lin patent.	e is	() Done	() Not Done
12. Thoroughly secured cannula and tubing with Tegaderm and tape in an acceptable manner. At least two pieces of tape must be used.	() Done	() Done Incorrectly	() Not Done

Items 13-16 can be done in any order			
13. Placed pre-made label (MD/RN initials, date, and size of needle) near insertion site.	() Done	() Done Incorrectly	() Not Done
14. Disposed of trash. Placed biohazard materials in proper receptacle. sharp in sharps container if not already done.	Place	() Done	() Not Done
15. Patient comfort was a priority.		() Done	() Not Done
16. Cleanliness of insertion site was maintained throughout.		() Done	() Not Done
17. Assessor prompt: "What must you do once the procedure is completed?" Student response: "Document in the patient chart."		() Correct Response	() Incorrect Response
Items 18-19 can be done in any order			
Assessor prompt: "Now remove the IV."			
18. Clamped IV fluids.		() Done	() Not Done
19. Removed Tegaderm and tape.		() Done	() Not Done
20. Applied gauze pad with pressure at removal point and removed IV cannula.	() Done	() Done Incorrectly	() Not Done
Items 21-22 can be done in any order			
21. Applied Band-Aid.		() Done	() Not Done
22. Placed biohazard materials in proper containers.		() Done	() Not Done

### **Lumbar Puncture**

Assessor Prompt: "You will be performing a lumbar puncture. You are permitted to re-adjust by retracting the needle to the subcutaneous tissue. If no CSF is obtained after the second attempt, you will proceed with needle removal and continue with the checklist after verbalizing that you will elicit the help of a more experienced provider." 1. Washed hands. () Done () Not Done Items 2-8 can be done in any order 2. Put on exam gloves. () Done () Not Done 3. Checked that all necessary equipment was available and ready to use. () Done () Not Done 4. Student stated: "I am confirming the patient with at least two identifiers and () Done () Not performing a timeout." Done 5. Put on mask. () Done () Not Done 6. Identified correct puncture site (midline at L4-L5-S1). Note: L4 is () Not () Done () Done located at the level of the iliac crest. **Incorrectly** Correctly Done 7. Opened LP kit carefully to maintain sterility. () Done () Done () Not Correctly **Incorrectly** Done () Not 8. Opened sterile glove package away from the LP kit. () Done Done 9. Put on sterile gloves, maintaining sterile environment. () Done () Done () Not Correctly **Incorrectly** Done 10. Prepped insertion point, using 3 iodine swabs in concentric circles () Done () Done () Not moving outwards. (Note: cannot use chlorhexidine.) Correctly **Incorrectly** Done 11. Placed sterile drapes, maintaining sterility. () Done () Done () Not Correctly Incorrectly Done 12. Properly administered local anesthetic along the planned tract of () Done () Done () Not Incorrectly the spinal needle. Correctly Done 1. Using smaller needle, made a superficial wheal (ID injection). 2. Using same smaller needle, injected anesthetic at two progressively deeper levels through wheal. 3. Using a larger needle, injected anesthetic at two additional deeper levels. (ALWAYS drew back on syringe before injecting anesthetic into deep tissues.) 13. Verified proper fit of the stylet in the spinal needle by removing completely () Done () Not and reinserting. Done 14. Inserted the spinal needle with stylet into the puncture site with () Done () Done () Not

Correctly

**Incorrectly** 

Done

bevel up and at a 10-degree angle toward the umbilicus.

15. Advanced the needle into the subarachnoid space. Assessor prompt: "If boney tissue is felt, what would you do?" Student response: "Back needle out to the subcutaneous tissue, change the angle, and re-advance."  Items 16-17 can be done in any order		() Done	() Not Done
16. Tested for presence of spinal fluid by removing the stylet. Assessor prompt: "How much fluid is collected?"	() Done Correctly	() Done Incorrectly	() Not Done
Student response: "3-4ml."	·	•	
17. Assessor prompt: "If no fluid was seen, what would you do?" Student response: "I would re-insert the stylet, back the needle out to the subcutaneous tissue, change the angle, and re-advance the needle."		() Correct Response	() Incorrect Response
(If this was their second attempt with no success, the student response shift will continue with removal of the needle and go find a more experience provider to assist me in my next attempt." Student should then proceed to	red		
18. Stylet placed into needle. Placed gauze over puncture site and	() Done	() Done	() Not
removed needle. Note: stylet MUST be reinserted into needle before removal.	Correctly	Incorrectly	Done
19. Applied Band-Aid to puncture site.		() Done	() Not Done
1, 20.21			
Items 20-21 can be done in any order  20. Disposed of needle in sharps container.		() Dono	() No4
•		() Done	() Not Done
21. Disposed of biohazardous materials in appropriate receptacle.		() Done	() Not Done
Items 22-24 can be done in any order			
22. Assessor prompt: "What must you do once the procedure is comp	leted?"	() Correct	()
Student response: "Document in the patient chart."		D	Incorrect
		Response	
23. Patient comfort was a priority.		() Yes	Response () No

# Nasogastric Tube

1. Washed hands.		() Done	() Not Done
Items 2-4 can be done in any order		Done	
2. Prepared all equipment.		() Done	() Not Done
3. Student stated: "I am confirming the patient with at least two identifiers and performing a timeout."		() Done	() Not Done
4. Student donned full protective equipment: face mask, eye protection, gown, and non-sterile gloves.	() Done Correctly	() Done Incorrectly	() Not Done
5. Had the patient breathe in through each nostril to assess which side was more patent. <b>Assessor will prompt which nostril to use.</b>	() Done Correctly	() Done Incorrectly	() Not Done
Items 6-8 can be done in any order			
6. Pre-medicated the nasal cavity with a vasoconstricting spray, such as phenylephrine or oxymetazoline.	() Done Correctly	() Done Incorrectly	() Not Done
7. Anesthetized the nasal cavity with a topical anesthetic, such as 4% lidocaine or topical lidocaine jelly.	() Done Correctly	() Done Incorrectly	() Not Done
8. Anesthetized the posterior oropharynx with topical anesthetic, such as lidocaine spray or benzocaine spray.	() Done Correctly	() Done Incorrectly	() Not Done
9. Approximated the proper depth of tube insertion by measuring the distance from the xiphoid process to the angle of the mandible and then to the nostril. Student verbally noted depth measurement.	() Done Correctly	() Done Incorrectly	() Not Done
Items 10-11 can be done in any order			
Items 10-11 can be done in any order  10. Lubricated the distal tip of the nasogastric tube using surgical jelly lidocaine.	or viscous	() Done	() Not Done
10. Lubricated the distal tip of the nasogastric tube using surgical jelly	() Done Correctly	() Done () Done Incorrectly	` '
10. Lubricated the distal tip of the nasogastric tube using surgical jelly lidocaine.	() Done	() Done	Done () Not
<ul> <li>10. Lubricated the distal tip of the nasogastric tube using surgical jelly lidocaine.</li> <li>11. Positioned the patient sitting upright with neck slightly flexed.</li> <li>12. Inserted and continued to pass the tip of the nasogastric tube into the nasal cavity and slowly advanced it posteriorly, parallel to the</li> </ul>	() Done Correctly	() Done Incorrectly	One () Not Done () Not

Assessor prompt: "The patient is coughing and gagging."			
13. Temporarily halted the advancement of the tube and asked the patient to begin swallowing sips of water through a straw. Coordinated advancement of the tube with the swallowing mechanism to facilitate advancement of the tube into the esophagus and to prevent entry into the trachea.	() Done Correctly	() Done Incorrectly	() Not Done
14. Checked the black markings on the tube to confirm proper depth of	of insertion.	() Done	() Not Done
15. Assessor prompt: "What would you do if the patient was unable to speak, was in respiratory distress, or if you could hear respirations through the tube?"		() Correct Response	() Incorrect Response
Student response: "I would remove the tube immediately as tracheal is has likely occurred."	intubation		
16. Attached the catheter-tip syringe to the main port of the nasogastric tube and insufflated 30cc of air while auscultating over the epigastrium.	() Done Correctly	() Done Incorrectly	() Not Done
If done correctly, Assessor prompts: "A gurgling noise is clearly audible."			
17. Using the same syringe, aspirated the nasogastric tube and ensured that it filled with gastric contents.  Assessor prompt: "Gastric contents are noted."	() Done Correctly	() Done Incorrectly	() Not Done
18. Secured the tube to the patient. Using a 5-7cm strip of adhesive tape, tore it vertically for one half of its length. Placed the wide section across the patient's nose and wrapped the two tails in opposite directions around the nasogastric tube.	() Done Correctly	() Done Incorrectly	() Not Done
19. Student verbalized: "I will order a chest x-ray to confirm placeme below the diaphragm."	nt of tube	() Done	() Not Done
Items 20-21 can be in any order			
20. Connected the nasogastric tube to suction tubing.		() Done	() Not Done
21. Student verbalized: "I would now turn on the suction and adjust the vacuum force as desired."		() Done	() Not Done
Items 22-23 can be done in any order			
22. Assessor prompt: "What must you do once the procedure is con Student response: "Document in the patient chart."	npleted?"	() Correct Response	() Incorrect Response
23. Patient comfort was a priority throughout the procedure.		() Yes	() No

# Phlebotomy

1. Washed hands.		() Done	() Not Done
Items 2-4 can be done in any order			
2. Checked that all necessary equipment was available and ready to use.	(This	() Done	() Not
includes attaching needle to vacutainer holder, if necessary.)			Done
3. Student stated: "I am confirming the patient with at least two identifies	ers and	() Done	() Not
performing a timeout."			Done
4. Put on exam gloves.		() Done	() Not Done
Items 5-6 can be done in any order		() 7	() <b>3</b> 7 .
5. Applied tourniquet.	() Done Correctly	() Done Incorrectly	() Not done
6. Cleaned insertion site. Chlorhexidine is preferred, but an alcohol	() Done	() Done	() Not
prep is an acceptable alternative:	Correctly	Incorrectly	done
<b>Chlorhexidine-</b> Use up/down and side/side motion for 30 seconds.			
Alcohol pad- Scrubbing motion in concentric circles outward			
for at least 30 seconds.			
Student verbalized that chlorhexidine or alcohol must be allowed to			
dry for at least 30 seconds.			
7. Held needle securely. (Note: for credit, must not let go, though may	() Done	() Done	() Not
7. Held needle securely. (Note: for credit, must not let go, though may switch hands.)	() Done Correctly	() Done Incorrectly	() Not done
switch hands.)	Correctly	Incorrectly	done
<ul><li>switch hands.)</li><li>8. Inserted needle bevel up at an angle approximately 30 degrees to</li></ul>	Correctly () Done	Incorrectly  () Done	done () Not
switch hands.)	Correctly	Incorrectly	done
8. Inserted needle bevel up at an angle approximately 30 degrees to skin surface.	Correctly  () Done Correctly	() Done Incorrectly	done () Not done
<ul><li>switch hands.)</li><li>8. Inserted needle bevel up at an angle approximately 30 degrees to skin surface.</li><li>9. Pressed the evacuated glass tube onto the piercing needle inside</li></ul>	Correctly  () Done Correctly  () Done	() Done Incorrectly () Done	done () Not done () Not
8. Inserted needle bevel up at an angle approximately 30 degrees to skin surface.  9. Pressed the evacuated glass tube onto the piercing needle inside holder and collected sample. If there is no blood return in tube,	Correctly  () Done Correctly	() Done Incorrectly	done () Not done
8. Inserted needle bevel up at an angle approximately 30 degrees to skin surface.  9. Pressed the evacuated glass tube onto the piercing needle inside holder and collected sample. If there is no blood return in tube, examinee removed and inserted a new needle, in a new site, using a	Correctly  () Done Correctly  () Done	() Done Incorrectly () Done	done () Not done () Not
8. Inserted needle bevel up at an angle approximately 30 degrees to skin surface.  9. Pressed the evacuated glass tube onto the piercing needle inside holder and collected sample. If there is no blood return in tube,	Correctly  () Done Correctly  () Done	() Done Incorrectly () Done	done () Not done () Not
8. Inserted needle bevel up at an angle approximately 30 degrees to skin surface.  9. Pressed the evacuated glass tube onto the piercing needle inside holder and collected sample. If there is no blood return in tube, examinee removed and inserted a new needle, in a new site, using a	Correctly  () Done Correctly  () Done	() Done Incorrectly () Done	done () Not done () Not
8. Inserted needle bevel up at an angle approximately 30 degrees to skin surface.  9. Pressed the evacuated glass tube onto the piercing needle inside holder and collected sample. If there is no blood return in tube, examinee removed and inserted a new needle, in a new site, using a new tube (return to step 5).	Correctly  () Done Correctly  () Done	() Done Incorrectly () Done	done () Not done () Not
8. Inserted needle bevel up at an angle approximately 30 degrees to skin surface.  9. Pressed the evacuated glass tube onto the piercing needle inside holder and collected sample. If there is no blood return in tube, examinee removed and inserted a new needle, in a new site, using a new tube (return to step 5).  Items 10-11 can be done in any order	Correctly  () Done Correctly  () Done	() Done Incorrectly () Done Incorrectly	done () Not done () Not done () Not
8. Inserted needle bevel up at an angle approximately 30 degrees to skin surface.  9. Pressed the evacuated glass tube onto the piercing needle inside holder and collected sample. If there is no blood return in tube, examinee removed and inserted a new needle, in a new site, using a new tube (return to step 5).  Items 10-11 can be done in any order  10. Removed tourniquet.	Correctly  () Done Correctly  () Done Correctly	() Done Incorrectly () Done Incorrectly () Done Incorrectly	() Not done  () Not done  () Not Done
8. Inserted needle bevel up at an angle approximately 30 degrees to skin surface.  9. Pressed the evacuated glass tube onto the piercing needle inside holder and collected sample. If there is no blood return in tube, examinee removed and inserted a new needle, in a new site, using a new tube (return to step 5).  Items 10-11 can be done in any order  10. Removed tourniquet.  11. Tube was removed from tube holder BEFORE needle was	Correctly  () Done Correctly  () Done Correctly	() Done Incorrectly  () Done Incorrectly  () Done () Done () Done	() Not done  () Not done  () Not Done () Not
8. Inserted needle bevel up at an angle approximately 30 degrees to skin surface.  9. Pressed the evacuated glass tube onto the piercing needle inside holder and collected sample. If there is no blood return in tube, examinee removed and inserted a new needle, in a new site, using a new tube (return to step 5).  Items 10-11 can be done in any order  10. Removed tourniquet.  11. Tube was removed from tube holder BEFORE needle was removed from patient.	Correctly  () Done Correctly  () Done Correctly	() Done Incorrectly  () Done Incorrectly  () Done Incorrectly  () Done Incorrectly	() Not done  () Not done  () Not Done () Not done
8. Inserted needle bevel up at an angle approximately 30 degrees to skin surface.  9. Pressed the evacuated glass tube onto the piercing needle inside holder and collected sample. If there is no blood return in tube, examinee removed and inserted a new needle, in a new site, using a new tube (return to step 5).  Items 10-11 can be done in any order  10. Removed tourniquet.  11. Tube was removed from tube holder BEFORE needle was	Correctly  () Done Correctly  () Done Correctly	() Done Incorrectly  () Done Incorrectly  () Done () Done () Done	() Not done  () Not done  () Not Done () Not done
8. Inserted needle bevel up at an angle approximately 30 degrees to skin surface.  9. Pressed the evacuated glass tube onto the piercing needle inside holder and collected sample. If there is no blood return in tube, examinee removed and inserted a new needle, in a new site, using a new tube (return to step 5).  Items 10-11 can be done in any order  10. Removed tourniquet.  11. Tube was removed from tube holder BEFORE needle was removed from patient.	Correctly  () Done Correctly  () Done Correctly	() Done Incorrectly  () Done Incorrectly  () Done Incorrectly  () Done Incorrectly	() Not done  () Not done  () Not Done () Not done

Items 14-17 can be done in any order			
14. Assessor prompt: "How long would you tell the patient to apply p Student response: "Two minutes."	ressure?"	() Correct Response	() Incorrect Response
15. Placed a Band-Aid over puncture site.		() Done	() Not Done
16. Placed needle in sharps container.		() Done	() Not Done
17. Disposed of all soiled supplies into proper containers ("bloodied" supplies into biohazard).		() Done	() Not Done
Items 18-19 can be done in any order			
18. In the patient's presence, labeled tube with ID stickers (MD/RN initials and time drawn).	() Done Correctly	() Done Incorrectly	() Not done
19. Assessor prompt: "What must you do once the procedure is comp Student response: "Document in the patient chart including the site, nee time, tests sent, and any complications."		() Correct Response	() Incorrect Response

# **Simple Interrupted Sutures**

Items 1-3 can be done in any order			
1. Washed hands.		() Done	() Not Done
2. Checked that all necessary equipment was available and ready to use.		() Done	() Not Done
3. Student stated: "I am confirming the patient with at least two identifiers and performing a timeout."		() Done	() Not Done
4. Put on <u>non-sterile</u> exam gloves.		() Done	() Not Done
5. Anesthetized wound area appropriately.	() Done	() Done	() Not
	Correctly	Incorrectly	Done
Items 6-7 can be done in any order			
6. Irrigated wound.		() Done	() Not Done
7. Opened suture kit in a sterile manner. Opened sutures and dropped into sterile field.	() Done	() Done	() Not
	Correctly	Incorrectly	Done
8. In a sterile manner, put on <u>sterile</u> gloves. Draped wound area with sterile drape(s).	() Done	() Done	() Not
	Correctly	Incorrectly	Done
9. Held the needle with a hemostat approximately 2/3 of distance from the needle tip. Needle and hemostat were at right angle in relation to each other.	() Done	() Done	() Not
	Correctly	Incorrectly	Done
10. Grasped edge of wound with forceps near planned suture insertion site.	() Done	() Done	() Not
	Correctly	Incorrectly	Done
11. Placed the needle in the skin at a 90 degree angle then pressed forward with slight turn of the wrist through the skin. (Note: either single flap or double flap technique can be performed.)	() Done	() Done	() Not
	Correctly	Incorrectly	Done
12. Grasped the contra-lateral edge, pressed the skin over the needle, and moved it forward with slight turn of wrist through skin. Note: credit is given if double flap technique was performed in step 11.	() Done	() Done	() Not
	Correctly	Incorrectly	Done
13. Released needle end and re-grasped the needle tip. Pulled suture through skin, leaving approximately 2 cm as a tail to make a knot. Released needle.	() Done	() Done	() Not
	Correctly	Incorrectly	Done
14. Knot: two forward rolls over needle driver. Grasped the tail of the suture. Pulled tail end through, bringing knot down squared. Pulled tissues together and turned thread 90 degrees to lock in place. Released tail.	() Done	() Done	() Not
	Correctly	Incorrectly	Done

15. One backward roll over needle driver and grasped tail end, then pulled tail end through to place second knot. Released tail.	() Done Correctly	() Done Incorrectly	() Not Done
16. One forward roll over needle driver and grasped tail end, then pulled tail end through to place third knot. Suture was cut when completed. (Note: three throws are needed when using silk sutures, but this varies for other materials.)	() Done Correctly	() Done Incorrectly	() Not Done
17. Two interrupted stitches were placed with the distance between stitches equal to the width of each stitch.	() Done Correctly	() Done Incorrectly	() Not Done
Items 18-20 can be done in any order			
18. Stitches were properly sized: about 1/4 inch on either side of wound.	() Done Correctly	() Done Incorrectly	() Not Done
19. Stitches were perpendicular to wound and properly aligned with all knots on one side of wound.	() Done Correctly	() Done Incorrectly	() Not Done
20. Stitches were acceptably taut: wound edges were touching each other but not buckled or overlapping.	() Done Correctly	() Done Incorrectly	() Not Done
Items 21-23 can be done in any order			
21. Patient comfort was a priority.		() Yes	( ) No
22. Assessor prompt: "What would you do once you finished the procedure tresponse: "Document the procedure in the patient chart, include number of stitches and the material used."		() Correct Response	() Incorrect Response
23. Maintained sterility throughout the procedure.		() Done	() Not Done
Stitches will be assessed prior to removal.			
24. Instructor prompt: "Now remove the sutures."	() Done	() Done	() Not
Grasped suture by knot, lifting it slightly off the skin.	Correctly	Incorrectly	Done
25. Cut stitch under knot on the side closest to skin without allowing contaminated suture to go through tissue. Did not cut through knot.	() Done Correctly	() Done Incorrectly	() Not Done

# Time Out

Note: student need not list items verbatim, but should not attempt to perform the timeout as a narrative.		
Items 1-7 can be done in any order		
1. Obtained written consent from patient or surrogate.	() Done	() Not Done
2. All team members participated in time out. (Verbalized if specific procedure involved more than one caregiver.)	() Done	() Not Done
3. Patient identity confirmed with minimum of two identifiers.	() Done	() Not Done
4. Procedure to be performed confirmed.	() Done	() Not Done
5. Patient positioning verified.	() Done	() Not Done
6. Procedure location (as in right arm, left wrist, etc.), including correct site/side being used, was verbalized.	() Done	() Not Done
7. Applicable pre-procedure medications, equipment, and imaging was set and confirmed.	() Done	() Not Done
Items 8-10 can be done in any order		
8. Timeout documented.	() Done	() Not Done
9. If the procedure to be done was changed, a new separate timeout was performed.	() Done	() Not Done
10. If protocol was abbreviated or bypassed for an emergent situation due to patient condition, appropriate documentation of these circumstances was made in patient's chart.	() Done	() Not Done