

## ARTERIAL BLOOD GAS CHECKLIST

**NAME:** \_\_\_\_\_

	<b>Completed</b>	<b>Not Completed</b>
1. Check that all necessary equipment is available		
2. Confirms correct patient (student states)		
3. Obtain informed consent <ul style="list-style-type: none"> <li>• Indication for test</li> <li>• Complications – pain, bleeding, nerve damage, fainting</li> </ul>		
4. Wash hands		
5. Put on gloves		
6. Identify location of radial artery with palpation, not using thumb		
7. Demonstrate Allen’s Test <ul style="list-style-type: none"> <li>• Hold patient’s hand up and have patient clench and unclench hand several times to drain blood from the hand.</li> <li>• Compress the radial and ulnar arteries while patient is clenching the hand</li> <li>• Lower hand and have patient relax the arm to alleviate tension which can cause inaccurate results</li> <li>• Release pressure on the ulnar artery and observe for brisk return of color to the hand</li> </ul>		
8. Describe positive result “color returns to the hand in 14 seconds or less and procedure can be done”		
9. Describe negative result “color returns to the hand in 15 seconds or more and procedure must be aborted. Assess the other hand”.		
10. Prepare area with sterile wipe, states “would leave in place for 2 minutes until dry before puncturing the skin”		
11. Palpate artery with index finger of non-dominant hand proximal to / above planned puncture site		
12. Using a Heparanized syringe, remove residual air from syringe and pull back to 1cc mark. Cap must be removed.		
13. Slightly adduct the arm and dorsiflex the wrist approximately 30 degree. Insert needle at a 60 degree angle to the skin and advance to the artery with bevel side up. Student may be prompted to verbal proper positioning.		
14. Assess for flashback of blood into the syringe, then allow syringe to fill. (about 1cc – assessor should tell examinee that a smaller amount is sufficient for the purpose of the exam. Assessor may prompt for aspiration)		
15. Place 2x2 gauze pad over puncture site and withdraw needle and syringe. Syringe is capped.		
16. Slowly inverts the syringe 10 times, and then roll between palms to mix.		
17. Labels the specimen and places in biohazard bag, transport on ice.		
18. Examiner to ask “How long must pressure be applied?” Response “5 minutes or until bleeding stops”.		
19. Documents procedure in patient’s chart (examinee can state this) including location of puncture, result of Allen’s test, and any complications.		
20. Patient comfort was priority		
21. Maintained sterility appropriately throughout the procedure.		

**RESULT (CHECK ONE):**    **SATISFACTORY** \_\_\_\_\_    **REQUIRES ADDITIONAL TRAINING** \_\_\_\_\_

**EXAMINER NAME:** \_\_\_\_\_