

QUIZ #4

Name: _____

MULTIPLE CHOICE:

1. Locations to obtain arterial blood gases are all of the following except the
 - a. brachial artery
 - b. ulnar artery
 - c. femoral artery
 - d. radial artery
2. The equipment used for ABGs includes all of the following except
 - a. providone-iodine
 - b. heparin
 - c. a syringe
 - d. a tourniquet
3. The purpose of the Allen test is to determine
 - a. blood pressure in the radial artery
 - b. the presence of collateral circulation
 - c. whether the patient is absorbing oxygen
 - d. the coagulation time of the arteries
4. The angle of the needle insertion for radial ABGs is
 - a. 5 degrees
 - b. 15 degrees
 - c. 45 degrees
 - d. 75 degrees
5. Which of the following complications are associated with ABGs?
 - a. Hematoma
 - b. Infection
 - c. Arteriospasm
 - d. All of the above
6. Which of the following will not produce erroneous ABG values?
 - a. Cooling the specimen
 - b. Improper mixing
 - c. Air bubbles in the sample
 - d. Too much heparin
7. Which artery is generally the easiest to access during low cardiac output?
 - a. brachial
 - b. femoral
 - c. radial
 - d. ulnar
8. The artery of choice for ABGs is
 - a. brachial
 - b. femoral
 - c. radial
 - d. ulnar
9. When performing the Allen test, which artery is released first?
 - a. brachial
 - b. femoral
 - c. radial
 - d. ulnar
10. Which of the following tests requires an arterial specimen?
 - a. ammonia
 - b. blood cultures
 - c. blood gases
 - d. glycohemoglobin

TRUE/FALSE

11. ____ Hematology testing is performed on EDTA Whole blood.
12. ____ Chemistry testing is performed on Sodium Citrated plasma.
13. ____ The most important patient identification number is the account number.
14. ____ It is acceptable to draw an inpatient without the armband as long as the nurse says it is OK.
15. ____ You do not have to wash your hands if you are using gloves.

16. ____ Cleansing the venipuncture site helps remove the microbes found there.
17. ____ A tourniquet can be left on for as long as it takes to get the blood.
18. ____ All tubes should be filled to proper blood to anticoagulant ratio.
19. ____ While removing the needle from a patient's vein, make sure to push down on it with a cotton ball.
20. ____ Butterfly needles are the first and preferred method for drawing blood on ALL patients.

CRITICAL THINKING

21. You are sent out to draw a CBC, ESR, PT/PTT for a patient going to have an ultrasound guided thoracentesis. 10 pts

- a. What tubes must you collect to run these tests?
- b. What volume of blood should you collect for adult size tubes?
- c. If you do not get the volume of blood you should get for (b), what is the minimum amount you must collect to run these tests from pediatric size tubes?
- d. What volume do you dispense into each tube in (b)?
- e. What volume do you dispense into each tube in (c)?

a. _____, _____

b. _____ cc

c. _____ cc

d. _____ cc for CBC, ESR and _____ cc for PT/PTT

e. _____ cc for CBC, ESR and _____ cc for PT/PTT

22. You have a request to draw BCx2, CBC, CMP. 20 pts.

- a. What tubes must you draw?
- b. Indicate what order you must draw?
- c. Can you draw this from only one site? Why?
- d. If you cannot draw this from one site, where do you draw the next set from?

a.

b.

c.

d.