

MA119 Lab 2

Critical Thinking Questions

Week 1

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All Answers Must be in Complete Sentences

1. Why is the correct order of the draw so important when collecting blood samples?

The correct order of a blood draw is very important when you are collecting blood samples because if you replace a tube in the wrong order then you could carryover additives from one tube to the next tube. The carryover of additives from one tube to another tube can cause alteration of the sample which would result in getting the incorrect results. Then you would have to call the patient and ask if they can come in for another blood draw and they may not be very happy about that.

2. Janie is performing a routine venipuncture on a new patient, John. After discussing the procedure with John, Janie finds out that John tends to faint when a venipuncture is performed. What should Janie do to prevent injury to John?

When finding out that the patient she is going to be performing the venipuncture on tends to faint during the procedure she should have the patient sit down in the chair with the arm rest positioned right in front of him. In case he does faint and falls forward the arm rest is there so he does not fall out of the chair. The patient may also lie down if they are prone to passing out during the procedure. If you notice that the patient is beginning to faint you should immediately take off the tourniquet and remove the needle and assist the patient by laying him or her down.

3. Why are the syringes often used to obtain blood from geriatric patients?

Syringes are often used to obtain blood from geriatric patients because the strong vacuum that is in vacuum tubes may collapse the geriatric patient's vein. With a syringe the MA has more control over how much blood is being drawn and the speed the blood is being drawn at.

4. What is the indication for the differently colored tops on Vacutainer tubes?

The different colored tops on the vacutainer tubes are there to indicate you on the tube's contents. The light blue tube is used for coagulation testing. The red tube is used for serum tests, chemistry studies, and immunology. The green tube is used for chemistry tests. The light green tube is used for plasma determinations in chemistry studies. The lavender tube is used for hematology tests. The gray tube is used for chemistry testing, glucose and alcohol levels.

5. Why is it important for a person having a phlebotomy to be seated during the draw?

It is important for a person who is having a phlebotomy to be seated during the draw because there may be a problem that occurs such as the patient passing out and in order for them to be safe and not receive an injury's sitting down is the best bet. When the patient is sitting down, they can extend their arm out so that it is straight and supported on the arm rest. This makes it easier for the patient and the person taking the blood because then they don't have to worry about holding up the arm and make sure that it doesn't move. This also makes it easier for the MA to find the vein that they are going to be using.