

SECTION HEADING

MDLT 2200: Phlebotomy Externship

Description

Phlebotomy Technician Externship consists of 120 contact hours of supervised practice of phlebotomy at an affiliated hospital, private laboratory or clinic. Learning activities are specifically planned and implemented at the clinical affiliated site. Student clinical experience is standardized using a checklist. Fine motor skills and some mobility are required for students to successfully perform in most clinical facilities: drawing patient's blood in the inpatient and outpatient settings, processing specimens including operating mechanical and computerized equipment and performing clerical duties. Good communication skills are critical in dealing with patients, clients, physicians, nurses and other health care workers. The student will make arrangements with the Medical Laboratory Technician Program Director regarding their externship time and site

Credits

4

Prerequisite

MDLT 1100 and MEDA 1135

Corequisite

None

Topics to be Covered

1. Identification of patient
2. Infection control and safety protocol and procedures
3. Collection of blood using various venipuncture techniques and dermal punctures
4. Collection of timed and special tests
5. Observation or collection from patients in isolation, psychiatric wards, nursery, emergency room, dialysis
6. Observation of arterial blood gas collection
7. Venipuncture and dermal puncture on patients of various ages and medical conditions
8. Selection of correct tubes and correct order of draw
9. Correct labeling, transportation, preservation, and centrifugation of samples
10. .Observe or perform hand/wrist draw, draw from a heparin lock or indwelling catheter
11. Operation of the lab information system or other computer programs used by phlebotomists
12. Professionalism: dependability, dress, honesty, human relations
13. Communication skills
14. Collection of non-blood specimens such as urine, stool, and cultures
15. Working with healthcare professionals

Learning Outcomes

1. Assemble the appropriate phlebotomy collection for venipuncture and capillary puncture as determined by the patient's age, veins, and tests ordered.
2. Perform venipuncture and capillary puncture while following safety and infection control measures at all times.
3. Explain patient requisitions, collection, transporting, and processing specimens according to laboratory protocols.
4. Display professional behavior at all times.
5. Demonstrate effective communication skills with patients related to the collection of blood.
6. Apply knowledge of safety measures and infection control.
7. Apply principles of antiseptic or aseptic preparation techniques when appropriate.
8. Demonstrate professional conduct and interpersonal communication skills with patients, laboratory personnel, other healthcare professionals, and with the public.
9. Recognize the responsibilities of other laboratory and healthcare personnel and interact with them with respect for their jobs and patient care
10. Provide instructions to patients in preparation for specimen collection.

Credit Details

Lecture: 0

Lab: 0

OJT: 4

MnTC Goal Area(s): None