

Course Competency

MLT 2807L HOSP PRACT: IMMUNO

Course Description

A supervised laboratory rotation in a clinical Immunohematology facility. This provides the student with an opportunity for the practice of skills previously learned and for the acquisition of new procedural skills. The development of interpersonal skills and transition from student to professional is emphasized.

Course Competency	Learning Outcomes
<p>Competency 1:The student will demonstrate the ability to apply the guidelines read in the procedure manuals of the laboratory by:</p>	<ol style="list-style-type: none"> 1. Communication 2. Numbers / Data 3. Critical thinking 4. Information Literacy
<ol style="list-style-type: none"> 1. Performing ABO group and Rh typing 2. Performing compatibility tests (crossmatches) 3. Performing antibody screening 4. Evaluating the importance of an antibody identification procedure before blood transfusion, in order to avoid transfusion reactions. 5. Analyzing the importance of the crossmatching procedure before blood transfusion, in order to avoid transfusion reactions 6. Following the steps in case of an unexpected transfusion reaction 	
<p>Competency 2:The student will demonstrate knowledge, comprehension and application of safety by:</p>	
<ol style="list-style-type: none"> 1. Wearing gloves while performing lab testing. 2. Handling biohazard material and samples according to OSHA guidelines 3. Disposing of biohazard waste in the appropriate containers 	

<p>Competency 3:The student will demonstrate knowledge, comprehension and application of quality assurance by:</p>	<ol style="list-style-type: none"> 1. Numbers / Data 2. Critical thinking 3. Social Responsibility 4. Ethical Issues
<ol style="list-style-type: none"> 1. Performing quality control on reagents. 2. Recording temperatures of heating blocks 3. Recording temperatures on refrigerators and freezers 	
<p>Competency 4:The student will demonstrate knowledge, comprehension and application in Blood Bank inventory by:</p>	
<ol style="list-style-type: none"> 1. Knowing the different temperatures for storage, transportation and the expiration dates of the blood components 2. Keeping and organizing the blood and plasma inventory 3. Explaining the applicable use for the different blood components. 4. Testing in-coming inventory of blood 5. Utilizing older blood first. 6. Handling autologous and designated blood correctly 	

Updated: FALL TERM 2022