



WEBER STATE
UNIVERSITY

Online Clinical Competency Checklist CLS 3311 Principles of Clinical Immunohematology

Student: _____ Wildcat ID # _____

Course Instructor: _____

Mentors (list all for this course): _____

Facility: _____

Expected Achievement	Student Score	Date Complete
-------------------------	------------------	------------------

GENERAL IMMUNOHEMATOLOGY			
Correctly processes patient specimens & proper handling to avoid or eliminate errors	5		
Performs necessary quality control with all test procedures	5		
Keeps work area clean/organized	5		
Chooses correct reagent for each test to be performed	5		
Organizes blood bank tasks in proper sequence	5		
Correctly prepares 2-4% red blood cell suspensions	5		
Correctly performs ABO groupings (forward and reverse), and resolves any discrepancies appropriately: 20-25 specimens	5		
Correctly performs Rh typing (25 procedures, both positive and negative)	5		
Correctly performs weak D (Du) determinations: 10 specimens	5		
Correctly performs antibody screening and identification tests: 5 specimens (2 single antibody and 3 multiple antibody). Include an enzyme treated panel.	5		
Correctly performs compatibility testing: 15 specimens w/ immediate spin and AHG	5		
Correctly performs direct antiglobulin tests: 5 specimens	5		
Demonstrates a working knowledge of the blood bank SOPs.	5		
Demonstrates proper technique in reading and grading agglutination reactions.	5		
Correctly issues blood and blood products	5		
OB AND NEONATAL SPECIMENS			
Correctly performs cord blood testing. Include DAT, elution, antibody ID : 1 spec	5		
Correctly determines OB patient candidacy for Rh immune globulin	5		
Correctly performs fetal screens both Rosette and KB Stain: 1 specimen each	5		
Demonstrates knowledge of proper blood component selection for HDN transfusions	4		
COMPONENT PROCESSING			
Correctly selects and pools platelets	5		
Correctly selects and thaws fresh frozen plasma	5		
Donor Interview: observe 1	5		
Demonstrates knowledge of facility's policies regarding leukoreduction (as available)	1		
Demonstrates knowledge of facility's policies regarding irradiated units (as available)	1		
Correctly thaws and pools cryoprecipitate	1		
SPECIAL PROCEDURES			
Correctly demonstrates knowledge of A sub grouping	5		
Correctly demonstrates knowledge of Rh phenotyping	5		
Correctly demonstrates knowledge of antigen typing	5		
Correctly demonstrates a knowledge of antigen typing	5		
Correctly demonstrates knowledge of elution techniques for facility (do1 elution)	5		
Correctly demonstrates knowledge of transfusion reaction workups for facility	5		
Affective Objectives			

Scoring Key

1 = Discussed	2 = Demonstrated	3 = Practiced	4 = Performed under maximum supervision	5 = performed under minimum supervision	NA = Not applicable
---------------	------------------	---------------	---	---	---------------------



Student demonstrates honesty by:			
Maintaining strict patient confidentiality	5		
Accepting control values only when within acceptable limits.	5		
Performing and documenting daily & weekly maintenance procedures, preventative maintenance, temperature checks, etc.	5		
Completing all procedures in adherence to laboratory SOPs, taking no shortcuts or unauthorized modifications of procedure.	5		
Personal Interactive Skills			
Student demonstrates proper professional behavior by:			
Working with co-workers in a positive manner, promoting productive workflow.	5		
Refraining from making statements or actions that represent sexual, ethnic, racial, or homophobic harassment.	5		
Willingly and consistently using appropriate personal safety devices when handling caustic, infectious, or hazardous materials.	5		
Completing all required tasks and remaining in the work area when scheduled.	5		
Being punctual whenever scheduled.	5		
Adhering to current dress and appearance in the laboratory setting.	5		
Cleaning the work area when leaving the laboratory, returning supplies to appropriate storage location, & disinfecting all work areas used by the student.	5		
Professional Responsibility			
Student demonstrates appropriate professional affective behavior by:			
Correctly reporting all patient test values, as well as recognizing and correctly reporting all patient critical test values.	5		
Resolving discrepancies in specimen labeling, handling, or collection before reporting patient results.	5		
Based on performance is this the type of person you would consider for potential employment? <input type="checkbox"/> Y <input type="checkbox"/> N			

Comments:

Please have all mentors sign and date below.

Mentor Signature _____ Date _____

Mentor Signature _____ Date _____

Mentor Signature _____ Date _____

LABORATORY CLINICAL EXPERIENCE

At the completion of the CLS 3311 course, the student will have successfully completed the following (it is noted that not all blood banks have or are seeking to institute automated instruments in their facilities):

1. The student will correctly perform testing with the analyzers routinely used in the laboratory for immunohematology. This will include correctly troubleshooting analyzer performance problems, and also evaluating patient test results for critical values, short-sampling errors, and inappropriate specimens. The student will change or replace reagents / disposables as needed by the analyzer(s).
2. The student will correctly perform, or assist in performing Daily and Weekly Preventative Maintenance on the blood bank equipment routinely used in the laboratory.
3. The student will review the calibration procedures for any blood bank equipment used in the laboratory.
4. The student will perform Daily/Shift QC procedures on the analyzers or test methods used in the blood bank. The student will learn the laboratory's SOP for resolving QC discrepancies, and then correctly apply those procedures, including all required documentation activities.
5. The student will perform, or assist in performing, routine testing (as deemed appropriate for students by the clinical facility) in blood bank.
6. The student will correctly report test results (STATS, critical values, etc.) by telephone to a nurse, physician or other appropriate health care professional, according to the SOP used by the laboratory.

Students should work with their respective mentors to complete the listed objectives. Accuracy, precision, timely reporting of results and demeanor must comply with the laboratory's acceptable standards. While working in the laboratory, the student must meet laboratory standards for work habit skills in patient confidentiality, communication skills, laboratory safety, universal precautions, waste disposal, equipment, and work area maintenance. It is requested that the student's laboratory competency evaluation be completed by the clinical mentor *in the presence of the student*, so as to allow verbal feedback to the student regarding the student's progress and performance.

LEVELS OF ACHIEVEMENT

LEVEL 1: Discussed: Process was discussed, principle explained, student acknowledges an understanding of the process or principle.

LEVEL 2: Demonstrated: Process has been performed and demonstrated by the practicum instructor. Student has observed demonstration and has been allowed to ask questions as needed. The student acknowledges an understanding of the process or principle by verbally explaining the process or principle back to the practicum instructor.

LEVEL 3: Practiced: Student has *practiced* the process under the direction and maximum supervision of the practicum instructor. The student demonstrates knowledge of how to perform the process or task by actual performance under direct, maximum supervision, but without having to demonstrate any particular competency at that task or process.

LEVEL 4: Maximum Supervision: The student has performed the process under the direct, maximum supervision of the practicum instructor, and with the level of competency required by the laboratory for that task or process.

LEVEL 5: Minimum Supervision: The student can perform the process satisfactorily with only minimum or non-direct supervision by the practicum instructor, and the performance meets the level of competency required by the laboratory for that task or process.

N/A: Not Available/Applicable: The nature of the laboratory does not allow the student access to the equipment/test method.

Please only submit pages 1 – 2 of this form when returning signed competencies.