Morgan State University
MDTC 432 CLINICAL IMMUNOHEMATOLOGY PRACTICUM
SUGGESTED LABORATORY PRACTICAL TEST & RUBRIC
Medical Laboratory Science Students
2014

Please attach the student's documentation to this evaluation!

TEST ITEM	Exceeds Standards (4 pts)	Meets Standards (3 pts)	Below Standards (2.5 pts)	Fails to Meet Standards (1 pt)
Familiar with test procedures OR consults SOP	Self directed; never needs to ask clinical instructor for assistance	Self directed; but asks clinical instructor 1 or 2 times for assistance	Asks clinical instructor 3 or more times for assistance	Constantly asks questions about procedures
Performs tests	Needs no supervision by clinical instructor; uses proper reagents and supplies; properly labels	Needs minimal supervision by clinical instructor; uses proper reagents and supplies; properly labels	Needs frequent supervision by clinical instructor	Needs constant supervision by clinical instructor
Recording Results	All results recorded according to lab SOP and legibly organized	Most reports recorded according to lab SOP	Half of the reports recorded according to lab SOP	No reports recorded according to lab SOP
Perform and Interpret: Antibody Panels (2 simple panels for MLS; 3 complex panels for MT)	Identifies antibodies correctly with minimal amount of cells needed	Identifies antibodies correctly	Identifies antibodies after assistance	Unable to perform antibody panel, even after review
Perform and Interpret: Crossmatch (2 samples)	Interprets correctly, used appropriate methodology and selected appropriate products	Interprets correctly, used appropriate methodology	Interprets correctly, however used inappropriate methodology	Unable to perform crossmatch, even after review
Perform and Interpret: ABO (5 samples)		100% Accuracy		<100% Accuracy
Perform and Interpret: Rh (5 samples)		100% Accuracy		<100% Accuracy
Perform and Interpret: Antibody Screens (5 samples)		100% Accuracy		<100% Accuracy
Perform and Interpret: DAT (2 samples)		100% Accuracy		<100% Accuracy

Scoring and Grading

_____/32 (Total Possible Points) X 100 = _____% (Student's Score)

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MDTC 432 CLINICAL IMMUNOHEMATOLOGY PRACTICUM
TECHNICAL PERFORMANCE EVALUATION
Medical Laboratory Science Students
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Instructions

Please rate the student's technical performance **at the end of the rotation.** This should reflect the student's terminal ability and not the normal growth of the student during the rotation. Match the student's performance on each item with the **numerical rating** that most closely describes **his/her performance in comparison to an entry-level MLS/MT employee with no experience or training.** It is recognized that with an entry level MLS/MT, proficiency, speed and level of judgment will increase with experience.

Each task in the Technical Performance Evaluation is evaluated using the scale below:

1.0 ***Unacceptable performance***
After appropriate training, the student performs the task with consistent performance errors, needs constant supervision and does not adhere to affiliate policies (e.g., safety) during task performance. The student also appears unwilling to improve performance.

2.0 ***Marginal performance***
After appropriate training, the student performs the task with inconsistent technical skills **OR** needs constant and detailed instructions in order to achieve acceptable performance. The student demonstrates an understanding of the principle of the assay or procedure. **Performance at this level is equivalent to a grade of 'C'.**

3.0 ***Acceptable performance***
After appropriate training, the student performs the task with average technical skill, but still needs/requires direct supervision. The student demonstrates an understanding of the principle of the assay or procedure and its application. **Performance at this level is equivalent to a grade of 'B'.**

4.0 ***Very Good performance***
After appropriate training, the student performs the task with average technical skill with minimal supervision. The instructor feels confident in student performance and outcomes. The student demonstrates an understanding of the principle of the assay or procedure and its application. **Performance at this level is equivalent to a grade of 'A'.**

Technical Tasks

_____1. Labels tubes for tests and specimens and maintains unit identity throughout testing *without error.*

_____2. Using a "0 to 4+" scale, grades macroscopic agglutination *within +/- 1 agglutination grade of the clinical instructor.*

_____3. Performs ABO/Rh testing and interprets results *with 100% accuracy*.

_____4. Performs antibody screens *to the satisfaction of the instructor.*

_____5. Recognizes a positive antibody screen and explains the next step(s) to be taken.

_____6. Performs routine antibody identification panels and interprets results *according to the acceptable precision of the laboratory*.

_____7. Performs DAT and DAT battery *to the satisfaction of the clinical instructor.*

_____8. Recognizes a positive antibody screen and explains the next step(s) to be taken.

_____9. Using established laboratory procedures, records or enters results *without error.*

_____10. Recognizes unexpected results of ABO, Rh and antibody screens, repeats unexpected findings, and reports discrepant results to instructor.

_____11. Selects the most suitable donor units for a routine crossmatch when ABO-specific red cells are available.

_____12. Identifies alternative donor units, if the primary choice is unavailable for crossmatch.

_____13. Performs appropriate method of crossmatch when patient presents with a single alloantibody.

_____14. Interprets results of crossmatch *with 100% accuracy.*

_____15. Recognizes incompatible crossmatch results and suggests possible causes.

_____16. Performs routine antibody identification *according to the acceptable precision of the laboratory.*

_____17. Interprets results of routine cell panels to determine the specificity of single and multiple (simple) antibodies.

_____18. Interprets results of selected cell panels to determine the specificity of single and multiple (simple) antibodies.

_____19. Performs or describes 1 transfusion reaction work-up, *according to laboratory protocol*.

_____20. Perform daily quality control for routine testing according to the operating procedures of the laboratory *with 100% accuracy.*

Student: _____

Evaluator(s): _____ Date: _____