Title: Clinical Laboratory Scientist-Advanced

Essential Function

Under general supervision from a designated administrator, independently perform a variety of specialized blood tests and interpret results. Assist in the development of new procedures and/or perform complex laboratory procedures and resolve related problems.

Characteristic Duties

- Assist in the development of new procedures from literature and design new quality control programs.
- Provide technical control of laboratory operations.
- Resolve complex laboratory procedural problems requiring advanced knowledge, skill and interpretive judgment.
- Clerically process incoming patient blood samples. When appropriate, compose written case reports for hospital patient referrals.
- Develop and perform reagent evaluation studies and other special projects with supervisory review.
- Organize and present continuing education programs and technical and theoretical instruction to new employees and students.
- Assign work; ensure proper workflow of the unit; act as lead technologist.
- Perform routine and complex tests on blood samples for patients. Interpret results.
- Perform tissue typing and crossmatch tests for selection of donors and recipients of solid organ, bone marrow and tissue transplants.
- Perform antibody testing procedures; perform antigen detection tests; type donor’s recipients for HLA matched transfusion.
- Perform procedures to modify progenitor cells for storage and transplant.
- Quarantine and discard blood products with positive test results, when appropriate.
- Operate instruments. Troubleshoot instruments, as appropriate.
- Prepare laboratory reagents.
• Communicate appropriate information to individuals outside the department, as well as internally.

• Prepare computerized data entry and retrieval functions in order to request tests, report results, initiate billing, and retrieve information.

• Perform quality control procedures and interpret results.

• Maintain equipment and clean, safe work area.

• Assist in monitoring inventory of supplies and reagents.

• Assume on-call responsibilities, as required.

• Perform related duties based on departmental need.

**Minimum Qualifications**

• Bachelor’s degree and SBB (ASCP) or CHS (ABHI); -OR- Bachelor’s degree and MT (ASCP), BB (ASCP) or CHT (ABHI), with two (2) years of laboratory-related experience; -OR- Bachelor’s degree in biological science or related field with three (3) years or laboratory-related experience.