

Clinical Core Laboratory Services

Embark on an Adventure

Clinical Core Laboratory Services (CCLS) provides a wide range of services for hospital inpatients and clinic outpatients. The services offered include: specimen collections, tuberculin testing, hospital-based point of care testing, hospital-based STAT diagnostic testing, Mayo Family Practice laboratories (limited menus for on-site collection and testing), and a variety of services unique to the individual work area. CCLS employs more than 300 personnel and encompasses 10 individual work units to meet the priority and routine needs of the patient for hospital and clinical quality patient care.

Specimen Collection - Laboratory Service Areas

Technicians respond to emergency situations, perform phlebotomies for blood sample collection, and provide a variety of other services. All technicians complete a six to eight week Vascular Access Training program and participate in yearly skills assessment.

- **Baldwin Laboratory Services** - a community medicine multifunctional outpatient facility
- **Charlton Laboratory Services** - provide services to outpatients at Charlton Desk LA and to hospitalized patients throughout the Rochester Methodist campus
- **Hilton Desk C** - the main outpatient blood draw area at Mayo Clinic
- **Hilton Desk C-1** - the main outpatient collection area for urine, stool, sputum, and semen collections
- **Saint Marys Hospital Laboratory Services** - perform lab collection services throughout the hospital, emergency department, and outpatient area. The laboratory consists of more than 100 laboratory service technicians.
- **Vascular Access** - composed of approximately 60 technicians who serve the intensive care (ICU) patient population in six ICUs located at Saint Marys Hospital

Hospital and Clinic-Based Laboratories

Technical staff respond to emergency situations, provide blood sample collections, point of care testing, and diagnostic testing in the hospital and clinical setting.

- **Hospital Clinical Laboratory** - The Hospital Clinical Laboratory (HCL) is a multitalented team which conducts multiple tests and blood collections in a constantly changing medical environment. HCL provides STAT testing for coagulation, hematology, chemistry, blood gasses, and immunoassay for all areas of the hospital including the Emergency Department, Intensive Care Units and Operating Rooms. The main lab is located at Saint Marys Hospital. The outpatient labs provide blood collection services and routine limited lab tests.

Central Clinical Laboratory

The Central Clinical Laboratory is designed as a core laboratory facility to offer stat/priority, and high volume testing. Chemistry, Immunoassay, Hematology, and Coagulation assays are performed on automated, high speed, high volume analyzers to reduce turnaround time. Techs are trained in all areas.

- Clinical Core Lab Services continued from previous page

Renal Laboratory

The Renal Laboratory is a high volume laboratory that provides priority and routine testing for Saint Marys and Methodist Hospitals, Mayo Clinic outpatients, Mayo Medical Laboratories and Clinical Trials specimens. Testing is performed by manual and automated methods. This testing includes a monthly average of 10,000 Urinalysis, 5,000 Urine Gram Stains, and urine chemistry testing which includes protein, microalbumin, creatinine and others. Instrumentation in the laboratory includes Hitachi 912, IRIS, Tecan, serum and urine Osmometer, Capillary Electrophoresis, HPLC, Nephelometer, pH meters and microscopes. A unique aspect of the Renal Lab is the close partnership with the Renal Studies Lab. This area is staffed by RNs and LPNs that collect the specialized Renal Function tests that are then analyzed by the Renal Lab. Examples of these tests are the Standard Renal Clearance and the Short Renal Clearance.

