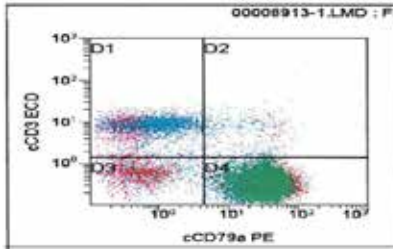


Flow Cytometry



The Flow Cytometry Laboratory provides a range of immunophenotyping services including assessment of leukemias and lymphomas, lymphocyte subsetting, and screening for paroxysmal nocturnal hemoglobinuria.

Blood, bone marrow, body fluid and tissue samples suspected of being involved by leukemia or lymphoma undergo morphologic review and multiparameter flow cytometric immunophenotyping using antibody panels specifically designed to detect and characterize hematologic malignancies.

The pathology team interprets results in the context of morphologic findings, and provide correlations to assist the clinician in accurate and timely diagnosis.

Department of Laboratory Medicine & Pathology

@ pathlabmed@hamad.qa

☎ Tel: 4439 1021

Processed by:

Patient and Family Education

@ patienteducation@hamad.qa

☎ 44391495

Hematopathology Laboratory



www.hamad.qa



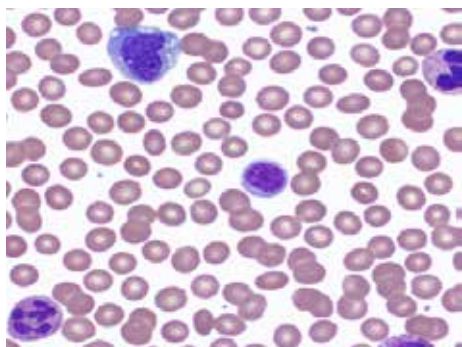
مستشفى حمد العام
Hamad General Hospital

عضو في مؤسسة حمد الطبية
A Member of Hamad Medical Corporation

Hematopathology Laboratory

The Hematology Laboratory of the Department of Laboratory Medicine & Pathology of Hamad Medical Corporation is the reference as well as the largest hematology laboratory in Qatar. It is accredited by the College of American Pathologists (CAP) and Joint Commission for Accreditation of Healthcare organizations (JCI).

The laboratory provides testing 24 hours, 7 days per week, and is equipped with advanced automated technology, robotics and digital microscopy. We run approximately 5000 tests per day which include CBC/ Differential/Reticulocyte count, Hemoglobinopathy screen, malaria & other hemoparasites identification, body fluid examination, routine and special coagulation studies, immunophenotyping in addition to bone marrow examination services.



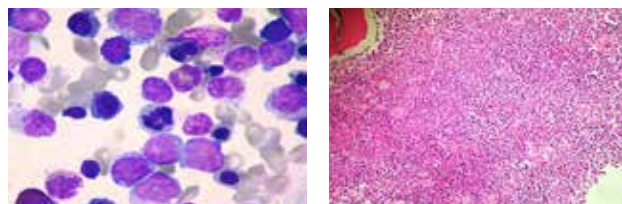
Our ambition as a CAP accredited Laboratory to deliver the highest quality laboratory testing and proficient pathology diagnosis to our patients.

A highly experienced team of medical professionals including pathologists, scientists, medical technologists

and lab assistants work cooperatively and offers a full range of pathology expertise and advanced laboratory diagnostics for hematology.

The pathology team is trained physicians who are knowledgeable in all areas of laboratory medicine. The pathologists have many responsibilities within clinical laboratory areas to assure that your test results are accurate and timely.

Our services provide accurate and appropriate diagnosis, aid in prognostic principals, and guide therapeutic options and monitoring for a variety of benign and malignant hematological disorders affecting pediatric and adult patients.



Bone marrow biopsies are processed in our laboratory to provide the best diagnostic tools and treatment for numerous diseases pertaining to bone marrow failure.

Our results of flow cytometry, immunohistochemistry together with the support of cytogenetic karyotyping/ FISH and molecular findings provide the data needed to answer complex hematology questions, while our expert pathologists gather and synthesize multiple pieces of information into one single diagnostic Bone marrow report.