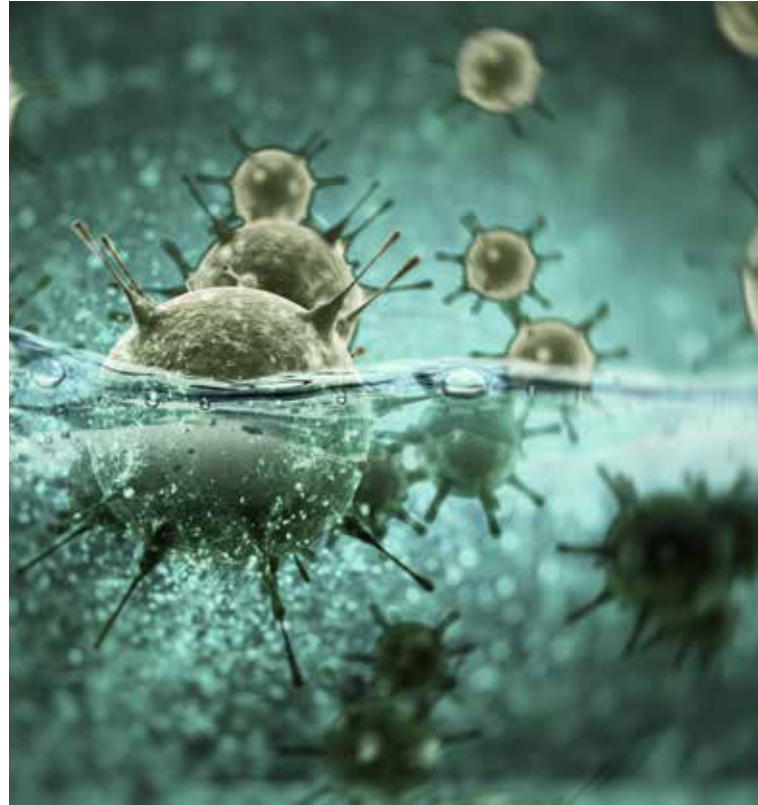


Laboratory Medicine and Pathology Department

The Cytopathology laboratory



Patient and Family Education

@ patienteducation@hmc.org.qa

☎ 4439 1494 / 5

© 2015 Hamad Medical Corporation

15-0054

مستشفى حمد العام
Hamad General Hospital

عضو في مؤسسة حمد الطبية
A Member of Hamad Medical Corporation



www.hamad.qa

The Cytopathology laboratory



Cytopathology is an established and integral part of the hospital pathology service. It is required to provide both a diagnostic and screening service. Good communication is an essential component of the service. Ensuring the smooth and appropriate function of this service requires a proper quality control and assurance program.

The Cytopathology laboratory within HMC is a full service lab, providing routine screening and diagnostic testing of gynecologic, non-gynecologic and fine needle aspiration specimens. The cytology lab service serves all ages and types of patients.

The quality of the cytologic diagnosis depends in equal measure upon the excellence of the clinical procedure used to secure the sample and the laboratory procedures used for processing. In general, material for cytologic examination is obtained either in the form of smears prepared by the examining physician at the time of the clinical examination, or in the form of liquid based

specimens which are forwarded to the laboratory for further processing. Collection of all types of specimens for cytology gynecological, non-gynecological and fine needle aspiration specimens (FNA) either in the form of smeared glass slides or in the form of fluid/aspiration is acceptable for cytology study.

Specimens are only accepted from physicians, registered nurses, physician assistants, nurse practitioners, or other persons authorized by law to submit samples to the Cytopathology Laboratory.

Scope of Service Provided:

Routine screening and diagnostic testing of cells to:

- Detect or confirm pre-malignant/malignant changes in cells.
- Determine the extent of cancer metastasis.
- Evaluate and follow up therapy (radiation, surgery, chemotherapy).
- Ascertain the effect of therapy.
- Identify certain microbiological agents, including bacteria, fungi, parasites and virally infected cells.

Note: A screening test is the routine test used for all kinds of specimens received by Cytopathology.

Laboratory Services are provided to:

- Inpatients at Hamad Medical Corporation hospitals.
- Outpatients at Hamad Medical Corporation hospitals.
- Army, QGPC, Primary Health Care and private clinics.
- Peripheral institutions in Qatar.
- Some referred private sector patients.