

## Department of Pathology

Teaching Faculty

Professor – 1

Associate Professor – 1

Assistant Professor – 1

Senior Residents - 6

### **Infrastructure:**

Pathology department has complete infrastructure in the form of Central laboratory, Clinical pathology laboratory, hematology laboratory, Surgical pathology, Cytology, central research laboratory and seminar room and is well equipped with Automated 5 part differential cell counter, Chemwell fully automated chemistry analyser, Semiautomatic biochemical analyser, Semiautomated urine analyser, Semenanalyser, Semiautomated tissue processor, Semiautomated microtome and binocular microscopes.

ESI-PGIMSR Andheri and Model hospital has got license for Whole Blood IP with our licence no of MH-00004679.

Currently we have area of 288 sq meter for carrying out all the activities of blood bank from donor screening, medical examination, blood donation, donor refreshment, blood testing for TTD and serology and storage of blood.

Our Blood bank plan is approved for the blood component preparation and soon after finishing of the construction work we shall be applying for licence for blood components and apheresis.

**Pathology museum** has 166 mounted specimens and 44 informative laminated charts.

**Departmental library:** has recent edition 105 books with access to national and international journals (e-connected) Journals.

Academic activities are per MUHS curriculum and guidelines journal club, seminars, case discussion, specimen and slide discussions are conducted in seminar room. We have collection of teaching slides for histopathology, cytology and hematology.

There is provision for state of art projection system with photomicroscopy in order to enable students to interact with teachers in a better way. Immunohistochemistry and frozen section is in the process of setting up. The academic atmosphere is highly conducive to research as per the PG Institute status.

### **Project studies:**

- Comparative study of direct microscopic observation methods and rapid malaria antigen test for the detection of malaria.
- Histo-cyto correlation of HPV related changes in cervix.

### **METHODS OF TRAINING As per MUHS Curriculum**

Duration of course – 3 years.

1. On job training Haematology including blood banking and transfusion medicine- techniques and reporting

Clinical pathology- techniques and reporting

Museum techniques

Autopsy techniques

serology.

2.P.G. Teaching sessions

- Journal review

- Subject seminar

- Grossing discussions for autopsies and surgical material

- Slide seminar including histopathology ,haematology, and cytopathology

- Clinical case- group discussion

- Interdepartmental seminars

Post graduate students should be encouraged to attend CME, WorksConferences &

Present papers.

## **Guest lecturers :**

CME on

- Relevance and importance of immunohematology.
- Relevance and importance of special stains in hematology
- IHC and its scope
- Stem cell recovery and applications for further treatment of lifestyle diseases and malignancies.