UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Pathology

2223-4-H4102D029-H4102D109M

Aims

NEPHROPATHOLOGY

To provide evidence-based knowledge of the pathology of the main medical diseases of the kidney.

At the end of the course the student will be able to:

1) Know histopathology, immunofluorescence and ultrastructural (Transmission Electron Mycroscopy) of the main glomerular renal diseases.

2) Interpret tests and diagnostic investigations in order to diagnose kidney diseases.

3) To use the knowledge of normal histology and others basic disciplines in dealing with organ and/or apparatus pathologies.To be able to critically evaluate the commonly used diagnostic methods in pathology To know the indications of renal biopsy.

ENDOCRINE PATHOLOGY

Endocrine pathology is the subspecialty of surgical pathology which deals with the diagnosis and characterization of neoplastic and non-neoplastic diseases of organs of the endocrine system, including the thyroid, parathyroids, endocrine pancreas, and adrenal glands

Contents

- NEPHROPATHOLOGY
- Focal and Segmental Glomerulosclerosis
- Minimal Change Disease.

- Membranous Glomerulonephritis.
- Membranoproliferative Glomerulonephritis.
- IgA Neprhopathy.
- Pauci-Immune Glomerulonephritis.
- Crescentic glomerulonephritis.
- Onconephrology
- Hereditary Diseases
- Fabry Disease
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- ENDOCRINE PATHOLOGY
- Thyroid carcinoma
- Adrenal Gland Carcinoma
- Role of FNA in endocrine pathology
- Neuroendocrine tumors (NET)

Detailed program

The course will integrate the new pathological workflows in the clinical-pathological scenario

Prerequisites

General Pathology
Physiology

Teaching form

Oral lessons and virtual slides (nefropatologia.asst-monza.it)

Textbook and teaching resource

Harrison's Principles of Internal Medicine Ed. McGraw Hill 19th edition;

Semester

VIII

Assessment method

The assessment of achieved objectives will be verified with oral exam.

Office hours

Lunch time break

Sustainable Development Goals

QUALITY EDUCATION