UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Urology

2627-4-H4102D029-H4102D112M

Aims

To use the knowledge of Anatomy, Physiology, Biochemistry and others basic disciplines in dealing with organ and/or apparatus pathologies.

To be able to critically evaluate the commonly used diagnostic methods in medical practice.

To recognize the signs and symptoms of major diseases, to understand the results of laboratory and instrumental tests.

To know the pathogenesis and prognosis of the handled diseases.

Contents

Major urological syndromes, cervical urethral obstruction (prostatic hypertrophy), the urogenital system infections, urinary stones, Urological Oncology (prostatic, renal, bladder, testicular neoplasms), Andrological Pathology, Laboratory Medicine and diagnostic methods in the Urological field.

Detailed program

Anatomy and physiology of urinary and male genital apparatus. Inflammatory, infectious and metabolic pathology of male urinary system and male genital system. Oncology pathology of male urinary and genital system.

Malignant degenerative and malformative pathology of male urinary and genital system.

Clinical and instrumental diagnostics of male urinary and male genital system.

Topics:

Clinical and instrumental semeiotics of male urinary and male genital system;

Anatomy of the kidney, bladder, prostate and ureter, physiology of renal function;

Benign prostatic hypertrophy “lower urinary tract symptoms”;

Other causes of bladder emptying disorder: functional sclerosis of the bladder neck and urethral strictures

Prostate neoplasms;

Benign and malignant kidney neoplasms;

Upper excretory tract neoplasms;

Bladder neoplasms;

Testicular neoplasms;

Kidney and urethral stones; Urinary tract infection – Orchiepididymitis – Acute Prostatitis;

Congenital pathologies: stenosis of the pyelo-ureteral joint – vesicoureteral reflux – horseshoe kidney – hypospadias;

Urological emergencies: kidney trauma- bladder trauma – urethral and testicular trauma;

Urgencies: torsion of the funiculus; acute retention of urine; kidney, bladder, urethral and testicular trauma;

Andrology: erectile deficit, *Induratio penis plastica,* varicocele, hydrocele, *Recurvatum penis*

Prerequisites

Teaching form

Frontal lessons, with audio-visual aids and open discussion in the classroom, practice in smaller groups in outpatient clinics, wards and operating rooms.

Textbook and teaching resource

- Smith and Tanagho's general Urology - 18th Edition - LANGE Editore
- Urologia di Francesco Porpiglia - Minerva Medica Editore

Semester

second semester

Assessment method

The assessment of achieved objectives will be verified with written tests and oral exam. 30 single-answer questions with 4 answers of which only one exact (30 points) and oral exam.

The student who refuses a score greater than 20 cannot participate in the next exam session.

Office hours

Contact the Professor Luigi Da Pozzo by e-mail: luigi.dapozzo@unimib.it

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | GENDER EQUALITY