



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Urology

1920-3-H4101D260-H4101D068M

---

#### 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

UROLOGY

Major urological syndromes, urogenital infections, Urinary, Oncology, Urology, Andrology Pathology, Laboratory Medicine.

#### Detailed program

UROLOGY Specific Goals:

Anatomy and Physiology of Urinary And Male Genital Apparatus.

Inflammatory, infectious and metabolic pathology of male urinary system and male genitalia. Oncology pathology of male urinary system and male genitalia. Malignant degenerative and malformative pathology of male urinary system and genitalia Clinical and instrumental diagnostics of male urinary system and male genitalia.

Topics: Clinical and instrumental semeiotics of male urinary system and male genital Anatomy of kidney and ureter, physiology of renal function - Renal and urethral calculus - Urosepsis - Pielonephritis - Urinary TBC - Benign and malignant kidney tumors - Urethral tumor neoplasms of the basin And ureter - Joint stenosis, horn kidney Anatomy of the bladder and physiology of bladder emptying - Cystitis - Bladder bleeding, bladder bleeding - Bladder bleeding disorders and incontinence - Bladder-urethral reflux – Surface and infiltrating vesicular tumors Prostatic anatomy and physiology - Prostatic hypertrophy - Acute prostatitis - Prostatic neoplasia Anatomy of the urethra - Urethrite - Stenosis - Hypospadiam and epispadia - Valves and diverticas Scrotum anatomy and physiology of the gonad function - Orpheid epididymitis - Twist of the rope - Infertility and varicocele - Idrocele - benign and malignant testicular tumors Penile natoma and erection physiology - Erectile Deficiency - Recurvatum penis - Induratio plastic penis.

## **Prerequisites**

See "Patologia medico-chirurgica 3"

## **Teaching form**

See "Patologia medico-chirurgica 3"

## **Textbook and teaching resource**

See "Patologia medico-chirurgica 3"

## **Semester**

second term

## **Assessment method**

See "Patologia medico-chirurgica 3"

## **Office hours**

contact by email

---

