



The Hebrew University of Jerusalem

Syllabus

.Kidney and urinary system of the sick person - 96304

Last update 13-01-2024

HU Credits: 3.5

Degree/Cycle: 1st degree (Bachelor)

Responsible Department: Medicine

Academic year: 0

Semester: 1st Semester

Teaching Languages: Hebrew

Campus: Ein Karem

Course/Module Coordinator: Dr. Tzahi Neuman

Prof. Michal Elhalel

Coordinator Email: tneuman@hadassah.org.il

Coordinator Office Hours: With request

Teaching Staff:

Dr. Tzahi Neuman,
Dr. Karen Meir,
Dr. Vladimir Yutkin,
Prof. Shmuel Benenson,
Dr. Marina Orevi,
Dr. Keren Tzukert,
Dr. Galina Pizov,
Dr. Itamar Sagiv,
Dr. Gil Chernin,
Dr. Moti Duvdevani,
Dr. Lorber Amitai,
Dr. Irit Mor Yosef Levy,
Dr. Naama Lev,
Prof. Ofer Nathan Gofrit,
Dr. Oded Volovelsky,
Dr. Michal Dranitzki Elhalel,
Dr. Eyal Atias

Course/Module description:

The course will review the diseases of the urinary system and the male reproductive system

Course/Module aims:

The students will attain knowledge and a comprehensive understanding of diseases of the genitourinary and male reproductive systems, including pathology, pathophysiology, microbiology, genetics, clinical presentation and treatment

Learning outcomes - On successful completion of this module, students should be able to:

Recognize the pathological changes in the urinary and male reproductive system in disease conditions of the genitourinary system.

Understand the pathophysiology of the relevant disorders.

Describe the microbiological basis of infectious diseases of the relevant systems.

Describe the genetic basis of genetic diseases of the relevant systems.

Be able to describe the clinical presentation of diseases of the urinary and male reproductive system, epidemiology, presentation, diagnosis and differential diagnosis, treatment, course and prognosis.

Attendance requirements(%):

Full (100%) attendance is required in the pathology lab and PBL.

Teaching arrangement and method of instruction: Frontal lectures by experts in each field. Pathology labs.

Course/Module Content:

1. Introduction
2. Nephrotic glomerular diseases
3. Nephritic glomerular diseases
4. Combined glomerular diseases
5. Tubulointerstitial diseases
6. Secondary renal diseases
7. Renal vascular diseases
8. Renal lupus presentation
9. Renal diabetic presentation
10. Reno-tubular acidosis
11. Renal cystic and congenital diseases
12. Renal transplant
13. Renal neoplasms
14. Nephrolithiasis
15. Urinary bladder diseases
16. Prostate diseases
17. Testicular neoplasms
18. Urinary tract infections
19. Path. Lab.
20. PBL

Required Reading:

Robbins and Cotran: Pathologic Basis of Disease, 9th Edition, 2015, chapter 20 (the kidney), and chapter 21 (the lower urinary tract and male genital system).

Additional reading material pending.

Additional Reading Material:

Robbins and Cotran Atlas of Pathology, 2nd/3rd Edition

Grading Scheme:

Written / Oral / Practical Exam 100 %

Additional information: