



The Hebrew University of Jerusalem

Syllabus

PHARMACOTHERAPY - PART B - 64724

Last update 24-01-2024

HU Credits: 8

Degree/Cycle: 1st degree (Bachelor)

Responsible Department: School of Pharmacy

Academic year: 0

Semester: 1st Semester

Teaching Languages: Hebrew

Campus: Ein Karem

Course/Module Coordinator: Prof. Sara Eyal, Dr. Bruria Raccah

Coordinator Email: sarae@ekmd.huji.ac.il

Coordinator Office Hours: Based on pre-scheduling

Teaching Staff:

Dr. Bruria Rakah,
Prof Sara Eyal,
Dr. Victoria Rotshild,
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Dr. Tamar FISHER,
Dr. Hagar Cohen,
Dr. stav Yanko,
Mr. Kfir Bildman,
Ms. Ahlam Agbaria,
Ms. Thalia Elkin,
Mr. Alaa Azab,
Ms. Shira Shalit,
Ms. Heba Abu wasel,
Ms. Safaa Bazbaz,
Ms. Rachel Shein,
Ms. Beesan Sarsur,
Ms. Sewar Kittany,
Ms. Sarit Carmi,
Ms. May Khateeb

Course/Module description:

This course deals with the principles of correct medication administration. The students will be taught first line and other diverse treatment plans for the following main diseases, such as congestive heart failure, ischemic Heart disease, hypertension, hyperlipidemia, diabetes, headache and migraines, peptic ulcer disease, and asthma. They also learned NOAC and other anticoagulants, as well as calculations of CHAD, CHADVAS and kidney function.

Regarding all the diseases mentioned above they are taught the accepted medical protocols for their treatment. They are taught the preferred clinical treatment plan for each disease based on a patient's individual problems or needs. Interactions are also to be discussed such as between medication-medication, medication-disease and medication-lab results inconsistencies. Alternative treatments are taught based on the specific interaction issues. In addition to the lectures are workshops, the students were divided into small groups with a Clinical Pharmacist, this is done every week of the course for 4 hours. Part of the time is used to emphasize treatment plans and alternative treatments and part of the time the students are given clinical cases. The students along with the clinical pharmacist would discuss the problems involved, the interactions that exist and the best possible clinical treatment plan.

Course/Module aims:

To gain knowledge of the most updated and accepted medication treatment plans for diseases.

To gain the tools and ability to give medication based advice when working in different environments such as a Pharmacy, Hospital department and in the community.

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

To be able to give medication based advice to patient and doctors.

To be able to find reliable medication information in literature and in different resources.

To be able to analyze and asses cases which deal with medical treatment plans.

Attendance requirements(%):

Attendance is require at the workshops

Teaching arrangement and method of instruction: 4 hours lecture and 5 hour workshop per week

Course/Module Content:

Please see the Hebrew version

Required Reading:

Pharmacotherapy Handbook 8th ed

*by Wells, Barbara G; Dipiro Joseph T; Schwinghammer, Terry L; Dipiro Cecily V
New York: McGraw-Hill Medical, c2012*

Additional Reading Material:

None

Grading Scheme:

Written / Oral / Practical Exam 50 %

Clinical Work / Lab Work / Practical Work / Workshops 50 %

Additional information:

None