



The Hebrew University of Jerusalem

Syllabus

FORENSIC MEDICINE - 96629

Last update 13-05-2013

HU Credits: 1.5

Degree/Cycle: 1st degree (Bachelor)

Responsible Department: medicine

Academic year: 3

Semester: 2nd Semester

Teaching Languages: Hebrew

Campus: Ein Karem

Course/Module Coordinator: Dr. Alon Krispin

Coordinator Email: alon.krispin@forensic.health.gov.il

Coordinator Office Hours:

Teaching Staff:

Dr. Alon Krispin

Course/Module description:

Basic course in Forensic Medicine for medical students.

Course/Module aims:

To impart basic knowledge in forensic medicine for GPs - particularly the pathophysiology of death and postmortem biological processes, to identify and manage medico-legal cases presented to GPs, to compare the forensic and the clinical/ academic autopsies, to impart basic knowledge of the main issues in forensic medicine, to participate in a medico- legal autopsy.

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

Characterize changes used in death determination and estimation of time of death

Understand the significance of the death certificate and its sections

Evaluate injuries sustained by forensic mechanisms and describe them in terms used in forensic medicine

Recognize signs of sexual abuse and domestic abuse

Attendance requirements(%):

100

Teaching arrangement and method of instruction: Frontal teaching by lecturers from the National Center of Forensic Medicine during the last 4 weeks of the semester, 5 academic hours for each session

Course/Module Content:

History of forensic medicine and its definition, the principle areas of forensic medicine, crime and death scenes, victim and suspect, cause and manner of death, the medico-legal autopsy, medical malpractice, postmortem changes, death due to extreme environmental conditions, blunt-force trauma, sharp-force trauma, head injuries, motor vehicle and pedestrians accidents, electrocution, drowning, asphyxia, gunshot wounds and tertiary ballistics, explosion, forensic anthropology and molecular biology, alcohol and drugs, child abuse and domestic violence.

Required Reading:

Additional Reading Material:

Knights Forensic Pathology, 3rd edition, 2004

Course/Module evaluation:

End of year written/oral examination 100 %

Presentation 0 %

Participation in Tutorials 0 %

Project work 0 %

Assignments 0 %

Reports 0 %

Research project 0 %

Quizzes 0 %

Other 0 %

Additional information: