



The Hebrew University of Jerusalem

Syllabus

Military Medicine A - 75353

Last update 02-11-2016

HU Credits: 4

Degree/Cycle: 1st degree (Bachelor)

Responsible Department: military track medicine

Academic year: 0

Semester: Yearly

Teaching Languages: Hebrew

Campus: Ein Karem

Course/Module Coordinator: Prof. Yitshak Kreiss, Dr. Rami Sagi, Dr. Eva Avramovich

Coordinator Email: eva.tzameret@gmail.com

Coordinator Office Hours: by appointment

Teaching Staff:

Prof David Gertz
Dr.
Prof
Dr. Eva Avramovich
Dr. Tzahi Neuman

Course/Module description:

The course is composed of two major subjects, one in each semester: the basic principles of operational medicine and the principles of military medical leadership

Course/Module aims:

1. To introduce the students to the basic principles of operational medicine.
2. To introduce the principals of leadership relevant to military physicians

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

1. To understand the principles of operational medicine
2. To acquire tools for personal leadership

Attendance requirements(%):

100%

Teaching arrangement and method of instruction: Frontal lectures

Course/Module Content:

Semester 1

1. Introduction to operational medicine
2. The physiological basis of trauma
3. The approach to the individual injured soldier
4. Principles of medical monitoring
5. Post- traumatic stress disease (PTSD)
6. medical treatment in isolated settings
7. Evacuation by air and sea
8. Introduction to military forensic medicine
9. Blast Injuries
10. Introduction to head injuries
11. Principles of pre-hospital treatment
12. Judicious use of blood products: resources and needs

13. *Research in operational medicine*

14. *The story of a wounded soldier*

Semester 2

1. *Introduction to leadership*

2. *Medical leadership*

3. *Military leadership*

4. *Military leadership: Medical leadership in routine circumstances*

5. *Military leadership: Medical leadership during emergency times*

6. *Motivations for team leading*

7. *Outdoor workshop*

8. *Lessons in leadership from selected events*

Required Reading:

Articles and lectures in Eduportal

Additional Reading Material:

Course/Module evaluation:

End of year written/oral examination 50 %

Presentation 0 %

Participation in Tutorials 0 %

Project work 50 %

Assignments 0 %

Reports 0 %

Research project 0 %

Quizzes 0 %

Other 0 %

full attendance is mandatory

Additional information:

a written examination will take place in the end of 1st semester, a paper should be handed at the end of 2nd semester. each one weighs 50% of final grade