



The Hebrew University of Jerusalem

Syllabus

INTRODUCTION TO MILITARY TRAUMA - 96449

Last update 14-11-2024

HU Credits: 1

Degree/Cycle: 2nd degree (Master)

Responsible Department: Medicine

Academic year: 0

Semester: Yearly

Teaching Languages: Hebrew

Campus: Ein Karem

Course/Module Coordinator: Dr. Alon Abramovich

Coordinator Email: Alon.abramovich@mail.huji.ac.il

Coordinator Office Hours: By appointment

Teaching Staff:

Dr. Ofer Almog,
Dr. Regina Pikman,
Dr. Michael Malkin,
Dr. Barak Feldman,
Dr. Avishai Tsur,
Dr. Yochay Raviv,
Dr. Tomer Talmy,
Dr. Yigal Chechik,
Dr. Itai Shavit,
Dr. COLE BENDOR,
Dr. Avital Guy,
Dr. ARTHUR SHAPIRO,
Dr. Aviv Gelber,
Dr. ALON ABRAMOVICH

Course/Module description:

During the 4th year the military medical track students will attend this 2-days-course.

The first day includes clinical lectures about introduction to military trauma management and life saving procedures.

The second day will be in BHD -10 and will include physical training of life saving procedures:

A. ventilation by Ambu, LMA, intubation and coniotomy.

B. Bleeding control procedures including direct pressure and proper tourniquet use

C. Chest drainage.

All the workshops will include POCUS contents.

The last day will be terminated by an exam. Passing the exam will allow the student to start doing life saving procedures under instruction in different positions on his/her further surgery and trauma training through the years.

Course/Module aims:

Demonstrating and tutoring when and how to perform live saving procedures.

Making further training of this capability- possible.

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

1. Identifying the need for life saving procedure
2. Learning the technique of succeeding in performance of this life saving procedures.

Attendance requirements(%):

100

Teaching arrangement and method of instruction: Lectures and small group training.

Course/Module Content:

- 1. Introduction to combat military medicine and trauma*
- 2. Chest injuries*
- 3. Traumatic airway injuries*
- 4. Introduction to Orthopedic trauma injuries*
- 5. Novelties in military trauma treatment*
- 6. Introduction to life saving procedures*
- 7. Ambu ventilation*
- 8. Intubation*
- 9. Coniotomy*
- 10. Tourniquet*
- 11. Chest Drain*

Required Reading:

*Selected chapters from the IDF-MC book of trauma and combat medicine.
Will be provided*

Additional Reading Material:

The IDF-MC book of trauma and combat medicine.

Grading Scheme:

Written / Oral / Practical Exam 50 %

Clinical Work / Lab Work / Practical Work / Workshops 40 %

Attendance / Participation in Field Excursion 10 %

Additional information:

In any frontal or online classes- full participation and attendance throughout the whole lesson is required. In zoom lectures students will be requested to turn their camera on , connecting as unique participant and to identify by their full name