

Name of module: Workshop in Transplantation

Number of module: 471-8-3031

Credits: 1

Course Description:

Aims of the module: The goal of Tx is to introduce and teach basic principles and practice of Transplantation.

Objectives of the module:

Include: Brain death declaration, Maintenance of the organ donor, retrieval operation and the use of the organs. Basic TX immunology and immunosuppression treatments.

Seminar in Transplant ethics, and communication with a donor family and an organ recipient.

Learning outcomes of the module:

On successful completion of the course, the student should:

- 1) Be familiar with the criteria of brain death declaration.
- 2) Inclusion and exclusion criteria for organ donation
- 3) Organ retrieval and preservation
- 4) Organ's rejection: hyper acute, acute and chronic
- 5) Immunosuppression therapy.
- 6) The post Transplant morbidity , organs and patients survival

Attendance regulation: Attendance to the oral lectures is not obligatory, as well as the ethical and clinical discussions.

Teaching arrangement and method of instruction:

The method of instruction is based on frontal oral lectures and discussions, meeting with families that donate the organs of their relatives. Meeting with transplanted patients.

Assessment: no exam will be taken at the end of workshop

Time required for the workshop:

two teaching days including lectures of intensive care unit mentor, neurosurgeon, nurse coordinator and two transplant surgeon (heart & lung and a liver kidney pancreas) team of coordinators with the " families", joining us from the Israel national Tx center in Tel Aviv .

All learning material will be available to the students on the desktop to be used with disk-on-key.

The workshop goes on for two days From 08.30 – 16.00 every day, during June each year

Location of instruction: the daily lectures will take place in the Deichmann building for Health profession.

Language of instruction: English

Position: obligatory module intended for 3rd year medical students, as part of their preclinical teaching.

Responsible clinical service. Department of Surgery A Soroka Medical Center.

General prerequisites: the student should complete successfully basic sciences and immunology

Workshop responsible instructor.

Prof. Solly Mizrahi, chairman of the department of surgery A and Transplantation.

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Module evaluation:

By the students at the end of the workshop