UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Liver Transplantation

2627-3-H4102D111

Aims

The aim of the Elective course is to provide students with the opportunity to deepen their knowledge on liver transplantation, from preoperative management, to anesthesia and organ allocation; up to the technical aspects of liver transplantation, immunosuppression and rejection.

Dublin Descriptors
1. Knowledge and Understanding

Acquire knowledge of the principles of liver transplantation, including indications for transplantation, preoperative management, organ allocation, surgical aspects, immunosuppression, and the main early and late complications.

2. Applying Knowledge and Understanding

Apply theoretical knowledge to the analysis of clinical cases by identifying indications for liver transplantation, interpreting the main clinical issues of transplant candidates and recipients, and discussing possible diagnostic and therapeutic strategies.

3. Making Judgements

Develop the ability to critically evaluate indications for transplantation, organ allocation criteria, complications, and therapeutic options, integrating scientific evidence with the ethical and clinical principles of transplant medicine.

4. Communication Skills

Acquire the ability to discuss clinical cases and communicate appropriately with teachers, colleagues, and members of the multidisciplinary team, using correct scientific terminology in the field of liver transplantation.

5. Learning Skills

Develop autonomous learning skills through active participation in lectures, clinical case discussions, and the study of scientific literature, in order to continuously update knowledge in the field of liver transplantation.

Contents

Preoperative management, anesthesia, organ allocation, immunosuppression and rejection

Detailed program

The detailed programe will be provided at the beginning of the course
Topics:

- History of Transplantation
- Surgical aspects of liverTransplantation
- Indication to Liver Transplant & Interactive Clinical Case discussions
- Early Post Transplant Complications + Interactive Clinical case discussions
- late Post Transplant Complications + Interactive Clinical case discussions

Expected skills to achieve are theoretical principles of

- definition of end stage Liver Disease
- referral to liver transplantation
- indication to liver transplantation
- surgical procedures in liver transplantation
- immunosuppression
- early and late liver transplant complications

the ratio Tutor:Student is 1:5 at maximum

Prerequisites

To be enrolled in the 4th year and over of the Master Course in Medicine and Surgery

Teaching form

10 hours of

- Frontal lectures
- interactive clinical case discussions
- open discussion on liver transplantation

Lessons will be provided in presence, subject to any ministerial changes following the COVID pandemic situation

Textbook and teaching resource

The teaching resourse will be provided during the course

Semester

Second Semester, June

Assessment method

Attendance for > 75% of the whole course
oral discussion at the end of the day

the final assessment shall be : qualify/non qualify

Office hours

By appointment

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | GENDER EQUALITY