UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Legal Medicine and Hta

2425-5-H4102D037

Aims

The main aim of this integrated course is twofold:

1. Explaining the role of legal/forensic medicine in a modern society, with proper application of legislation in all medical health care fields. (Legal medicine)
2. Understanding the process of technology assessment in healthcare, being able to read and structure a HTA report. (HTA)

Contents

Forensic pathology, study of death and autopsy, clinical forensic medicine, doctor-patient relationship, welfare system, special legislations in medicine, medical and surgical malpractice, expert opinions for the court, principles, concepts and methods employed in the technology assessment procedures, multidimensional approaches involved in the HTA, measurements of Overall Strength of Evidence.

Detailed program

1.Discipline and methodology in legal/forensic medicine
2.Forensic pathology, forensic anthropology, thanatology and forensic autopsy, clinical forensic medicine.
3.Doctor-patient relationship, welfare system in a modern society, special legislations in medicine, medical malpractice, expert opinions in court.
4. Introduction of new technologies: approval and reimbursement processes.
5. Multidisciplinary perspective of HTA and role of National and international HTA agencies.
6. HTA report structure: review of clinical efficacy measures, Review of Economic impact index and complex

assessment using Markov model.
7. Systematic reviews in HTA. How to synthesize results: forest and funnel plot.

Prerequisites

There are no mandatory courses however students will benefit from having undertaken “biostatistics”, “health economics” and “Turning Clinical Experience Into Research Projects”.

Teaching form

Lectures held in-person in delivering type in English language: 40 lectures of 3-4 hours each.
In case of emergency situations online teaching-classroom with synchronous lectures on the Webex platform.

Textbook and teaching resource

Material and slides provided during the lectures
Italian Court Judgments, guidelines and other educational material uploaded on the e-learning website

Madea B., "Handbook of Forensic Medicine", 2 nd Edition, Wiley-Blackwell, 2022
Kemp WL., “Atlas of Forensic Pathology: A Pattern-Based Approach”, LWW, 2024
Pomara C., Fineschi V., "Forensic and Clinical Forensic Autopsy", CRC Press, 2021.
Goeree, R. (2015). Health technology assessment: using biostatistics to break the barriers of adopting new medicines.
CRC Press.
Higgins, J. P., Thomas, J., Chandler, J., Cumpston, M., Li, T., Page, M. J., & Welch, V. A. (Eds.). (2019). Cochrane handbook for systematic reviews of interventions. John Wiley & Sons.

Semester

II semester

Assessment method

There are no ongoing tests.
Legal medicine:
Final exam in presence consisting in two mandatory parts written and oral:
a) written part with individual preparation at home of a report on a medical-legal topic chosen by the student with a case
b) oral part with 2 questions of the program topics to assess the student’s knowledge of the module

program.

HTA:
The exam will require each student to prepare a case study report. This report will be presented during the exam and will serve as the foundation for the subsequent oral examination. Additional instructions will be provided throughout the course.

Office hours

On appointment arranged by e-mail writing to daniela.schillaci@unimib.it (Legal medicine) or chiara.morlotti@unimib.it (HTA).

Sustainable Development Goals