UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Ultrasonography: Technology and Technique

2425-3-I0303D029

Aims

Provide the main concepts about ultrasound technology and technical

Contents

Technology of ultrasonography, production and processing of ultrasonographic images, how to use them

Detailed program

History and physical principles of ultrasound (u.s.), image production and processing, methods of investigation by u.s., different types of probes, major artifacts, Doppler effect, the morphology of the curve velocitometrica, Doppler ultrasound, angiography-color-power; screening of a short film and exercise with portable ultrasound scanner

Prerequisites

Third year of the Degree Course

Teaching form

Lectures and practical training

Textbook and teaching resource

The teacher will provide educational materials

Semester

Second semester

Assessment method

Attendance

Office hours

By appointment required by mail.

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING