UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Training I

2627-1-I0304D006

Aims

Knowledge and understanding
The student will acquire knowledge of the organization of healthcare facilities and Diagnostic Imaging Units, the principles of conventional, dedicated and contrast-enhanced radiographic techniques, as well as hygiene, radiation protection and professional ethics.
Applying knowledge and understanding
The student will be able to apply the acquired knowledge to perform the main conventional, mammographic and planar contrast radiographic procedures, managing the patient, the equipment and the radiological images in accordance with quality and safety standards.
Making judgements
The student will be able to evaluate the appropriateness of technical and clinical procedures, adopting professional behaviours consistent with patient safety, radiation protection principles and ethical standards.
Communication skills
The student will be able to communicate effectively with patients and collaborate with members of the multidisciplinary healthcare team, adapting communication and professional behaviour to different clinical and organizational settings.
Learning skills
The student will develop the ability to integrate theoretical knowledge with clinical practice, progressively strengthening the professional competencies required for subsequent training and clinical activities.

Contents

In the first year, students will be provided with the organisational and technical-practical fundamentals related to the Health Facility and the Operational Unit of Radiodiagnostics. The student will acquire progressive autonomy in the performance of conventional radiological, mammographic and planar contrastographic examinations, and will develop deontological, relational and operational skills, including safety and radiation protection measures.

Detailed program

- Organisation and functioning of the Health Facility.
- Operating Unit of Radiodiagnostics, Emergency Radiology (Emergency Room, Traumatology), Breast Diagnostics and Operating Room (performing surgery using scopes)
- Professional interaction and operational dynamics with the healthcare team.
- Hygiene and health regulations in the hospital environment; safety measures and radiation protection.
- Relationship with the patient: reception, communication and adaptation according to the clinical context.
- Diagnostic techniques: classification of examinations, methods of execution, criteria of correctness.
- Radiological image production, management and archiving.

Prerequisites

Teaching form

Clinical-practical training

Textbook and teaching resource

Semester

First and second semester

Assessment method

Evaluation form completed by the tutor at the placement site to assess aspects such as interpersonal skills with the patient, technical management of the examination and use of equipment. Final oral examination conducted with the lecturers in charge of the practical traineeship in order to verify in a structured manner the achievement of the planned training objectives.

Office hours

By appointment required by mail

Sustainable Development Goals