



UNICAMILLUS

Degree Course in Medical Radiology Techniques for Imaging and Radiotherapy

INTEGRATED COURSE: Annual Clinical Practice (Second Year)

Number of ECTS Credits: 20

SSD : MEDS-26/B (ex MED/50)

PREREQUISITES

Musculoskeletal anatomy, principles of physics, radiodiagnostic techniques and methods

EDUCATIONAL OBJECTIVES

Knowledge of techniques and methodologies of Computed Tomography (CT) and Magnetic Resonance Imaging (MRI)

EXPECTED LEARNING OUTCOMES

Knowledge and Understanding

Through this course, the student will be able to:

- understand MRI and CT techniques and methodologies;
- apply patient management procedures;
- understand radiation protection regulations.

Applying Knowledge and Understanding

At the end of the course, the student will:

- be able to independently perform MRI and CT examinations using the acquired knowledge.

Communication Skills

At the end of the course, the student will:

- be able to use appropriate technical terminology correctly.

Making Judgements

At the end of the course, the student will:

- be able to make basic evaluations related to the topics covered.

Learning Skills

The student will acquire appropriate learning skills and methods to further develop and improve their competencies, also through consultation of scientific literature.

COURSE SYLLABUS

RM HEAD WITH OR NOT CONTRAST

MRI PITUITARY GLAND

RM CERVICAL SPINE

RM LUMBAR SPINE

RM HIPS

RM SHOULDER

RM KNEE

RM ABDOMEN

CT HEAD

CT CERVICAL SPINE

CT LUMBAR SPINE

CT HIPS

CT SHOULDER

CT KNEE

CT TOTAL BODY

CT TORAX

ONE EXAM OF ANGIO-CT

TEACHING METHODS

The course consists of technical-practical clinical training organized into morning and afternoon shifts.

ASSESSMENT METHODS

Grades are awarded following completion of an oral examination, which the student may take only after having attended at least 75% of the total annual training hours.

Assessment criteria include: acquired knowledge, autonomy of judgement, communication skills, and learning abilities.

SUPPORT ACTIVITIES

Students may request optional seminars to further explore specific topics of interest.

RECOMMENDED TEXTS AND BIBLIOGRAPHY

Additional materials will be provided during the course, and further reference texts will be indicated.