



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Sistemi Digitali e Controlli di Qualità

2324-1-I0303D006-I0303D021M

Aims

The course aims to provide students with knowledge of main digital radiological equipment, and Quality Controls

Contents

The student will learn main components of digital radiological equipment, physical and technological basis of diagnostic radiology; quality controls in diagnostic Imaging

Detailed program

Differences between intensifying screen and shields for photostimulable luminescence. Photostimulable phosphors used in digital radiography.

Computed radiography. Analogical-digital conversion, the pixel and voxel, direct digital systems

Quality Controls of radiological equipment and diagnostic imaging.

Prerequisites

Organs and Functions

Teaching form

Lectures, exercises

Textbook and teaching resource

F.MAZZUCATO: "Anatomia Radiologica. Tecniche e Metodologie in Radiodiagnostica" Ed.Piccin

R.PASSARIELLO "Radiologia, Elementi di Tecnologia". Idelson Gnocchi

Teachers will provide other educational material.

Semester

Second semester

Assessment method

Office hours

By appointment required by mail

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING
