



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Imaging Cardiaco: Focus sulla Risonanza Magnetica Cardiaca

1718-5-H4101D279

Aims

Introduction course to cardiac imaging. Identification of the possibilities, limits and contraindications of the various techniques employed; learn how to choose what technique to employ. Focus on clinical applications of cardiac magnetic resonance

Contents

Introduction to cardiac imaging, focus on cardiac magnetic resonance

Detailed program

(2 hours): Introduction to cardiac imaging and to cardiac imaging techniques

(2 hours): Cardiac Magnetic Resonance 1 (introduction to Cardiac MR, indications and contraindications, functional evaluation, tissue characterization, cardiac MR laboratory, post-processing)

(2 hours): Cardiac Magnetic Resonance 2 (Cardiac MR in cardiac diseases: cardiomyopathies, ischemic cardiomyopathy, myocarditis, congenital heart disease. Purposes of cardiac MR examination: beyond functional evaluation and tissue characterization, towards prognostic assessment)

(2 ore): practical stage at Niguarda Hospital cardiac MR laboratory

Prerequisites

From fifth accademic year

Teaching form

Small groups, practical activities

Course will be held at Azienda Ospedaliera Niguarda – Cardiologia IV – Risonanza cardiaca - Milan

Textbook and teaching resource

Optional. Clinical cardiac MRI – J. Bogaert – S. Dymarkowski – AM Taylor - Springer

Semester

Assessment method

Frequency

Office hours
