UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Diagnostic Imaging in The Lymphoproliferative Disease

2627-5-H4101D345

Aims

To provide the student with an overview of the diagnostic methods currently used in lymphoproliferative diseases, with particular regard to ceCT and 18F-FDG PET/CT, in the staging and response assessment. Emphasis will also be given on other diagnostic methods (MRI Ultrasound) that can be used in particular clinical scenarios.

Contents

Clinical introduction on lymphomas; diagnostic imaging (CT, PET, MRI, Ultrasound) in the staging and response evaluation to the treatment; the evaluation of the response after the advent of immunological therapy;

Detailed program

Clinical introduction, clinical manifestations, and the approach to the lymphoma patient; aggressive and indolent lymphomas; prognostic stratification and therapeutic approach; staging of lymphoproliferative disease by ce CT and PET/CT; staging of nodal and extranodal disease; usefulness of MR and ultrasound in staging; evaluation of response during treatment and at the end of treatment by PET and ce CT; the definition of response according to the Deauville score and the Lugano Classification; prognostic significance of PET and ce CT in the evaluation of response to treatment; evaluation of response to therapy with check points inhibitors (Lyric Criteria); presentation and discussion of clinical cases in staging and in evaluation of therapeutic response.

Prerequisites

Basic knowledge of haematology, oncohaematology and diagnostic imaging

Teaching form

Lessons will be provided in presence

Textbook and teaching resource

Slides provided during the course

Semester

Second Semester

Assessment method

Attendance and participation during the lessons

Office hours

By appoinment: luca.guerra@unimib.it

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | GENDER EQUALITY