UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Pathology

2324-3-H4102D018-H4102D053M

Aims

To provide the pathologic basis of locomotor system diseases. The student should be able to integrate macroscopic, histological, and cytological morphology with the clinical assay. The student must know the role and the professional tasks of the pathologist in the management of bone and soft tissue samples.

Contents

Morphology of non-neoplastic disease of bone and joints; pathogenesis, classification and morphology of soft tissue and bone tumours.

Detailed program

Non-neoplastic diseases of bone, with particular emphasis on the histopathological characteristics of fractures, osteomyelitis, bone necrosis and Paget disease. The WHO classification (Pathology and Genetics) of soft tissue and bone tumours. General concepts of epidemiology, age and site distribution, aetiology and clinical features, histopathological typing of soft tissue and bone tumours; histogenesis, morphological criteria of benignity and malignancy, grading and staging of sarcomas. Joints: synovial biopsy in degenerative joint disease and rheumatoid arthritis; tumours and tumor-like conditions.

Prerequisites

Basic knowledge of histology and anatomy

Teaching form

Frontal lectures.

Textbook and teaching resource

Kumar V, Abbas A K, Aster J C; Robbins and Cotran Pathologic Basis of Disease Elsevier,

Semester

First semester

Assessment method

Written (5 multiple-choice questions) into the exam of the vertical tract of locomotor system diseases

Office hours

Appointement, by mail or phone

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING