UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Malattie Infettive

1819-3-H4601D017-H4601D046M

Aims

Application of measures for the prevention of
infectious risk in dentistry. Knowledge of the principles and definitions
concerning the classification of different microorganisms and infectious agents
and host-pathogen interaction. Knowledge of the managerial aspects of
contagious infectious diseases. Principles of
antimicrobial therapy and prophylaxis in
oral surgery.

Contents

Diagnostic methods, infectious complications in
dental and oral diseases. Principles
of antimicrobial therapy and prophylaxis.

Detailed program

Definition of viruses, bacteria, fungi, and
microorganisms interaction between human body, elements of immunology and
immune response; definition of "diner", "pathogen" and
"opportunistic" Description of sepsis and septic state. Definition of
contagious infectious disease. Description of the clinical features of
contagious and infectious diseases of the isolation mode. Treatment of patients
highly "contagious". Detection
methods of Bacteria and Virus (Microscopy, Culture, Serology, Nucleic Acid
based tests). Interpretations of results. Infectious
complications in dental pathology: local infectious diseases, infectious

complications, oral, periodontal , back of throat abscess, sinusitis, orbital abscess, otomastoiditi. Infectious diseases such as complications of hematogenous dissemination: brain abscesses, endocarditis.
Antibiotic prophylaxis and therapy: characteristics and use of antibiotics currently used in dentistry, treatment considerations, Antimicrobial Prophylaxis in specifical clinical and surgical contexts. Prophylaxis recommendations in Oral surgery.

Prerequisites

Teaching form

Lectures

Textbook and teaching resource

Moroni M, Antinori S, Vullo V. Manuale di Malattie Infettive Masson Editore, 2015.

Digital
learning material

Semester

2nd semester

Assessment method

Final
exam consists in a written test with in multiple-choice questions; students select one correct answer from several choices in order to evaluate the cognitive and interpretative skills. Furthermore, open questions should assess interpretative skills.

Office hours

By appointment

Write to n.squillace@asst-monza.it