



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Malattie Infettive

1819-3-H4601D017-H4601D046M

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#### 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](mailto:n.squillace@asst-monza.it)

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