



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Laboratorio Ottica della Contattologia

2223-2-E3002Q037

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#### Aims

Make students able to choose, fit and manage soft and rigid gas-permeable contact lenses (rgp)

#### Contents

Soft contact lenses  
Rgp contact lenses

#### Detailed program

Soft contact lenses:

Keratometer; Topographer; Slit lamp: direct lighting techniques; Soft contact lenses fitting; Soft contact lenses control; Topography; Materials and geometries for soft contact lenses; Tear film tests; After fitting controls and gradind scales; Soft toric lenses; Over-refraction; Selection criteria for soft contact lenses; Soft contat lenses case report presentation.

Rgp contact lenses:

Slit lamp: indirect lighting techniques; Rgp lenses fitting; Evaluation of the fluorescein pattern; Materials and geometries for rgp lenses; Maintenance of contact lens; Toric rgp lenses; Multifocal contact lenses; Scleral lenses, hybrid lenses and special cases; Orthokeratology; Rgp case report presentation.

#### Prerequisites

Use of the keratometer, geometric optics notions

## **Teaching form**

Frontal lessons in preparation for the laboratory experiences that will take place in the laboratories in U9-B. Guys will be divided into groups of 4/5 people per box

## **Textbook and teaching resource**

Slides and course presentations provided via e-learning.  
Book: Edward S. Bennett - Clinical Manual of Contact Lenses

## **Semester**

First semester: soft contact lenses  
Second semester: rgp contact lenses

## **Assessment method**

Three tests during the year: two of them are written tests and one of them is a theoretical/practical test in laboratory.  
At the end of the course there is a final theoretical/practical test in laboratory  
The exam can be taken in English

## **Office hours**

By appointment, half an hour before the beginning of the lessons

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING

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