



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Laboratorio Ottica della Contattologia

2425-2-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

Instruments:

Keratometer; Topographer; Slit lamp: direct lighting techniques; Soft contact lenses fitting; Slit lamp: indirect lighting techniques.

Soft contact lenses:

Soft contact lenses control; Materials and geometries for soft contact lenses; Tear film tests; After fitting controls and gradind scales; Soft toric lenses; Selection criteria for soft contact lenses; Over-refraction.

RGP contact lenses:

RGP lenses fitting; Evaluation of the fluorescein pattern; Materials and geometries for RGP lenses; Maintenance of contact lens; Multifocal contact lenses; Scleral lenses, hybrid lenses and special cases; Orthokeratology.

## **Prerequisites**

Use of the keratometer, geometric optics notions

## **Teaching form**

- 24 hours: lectures in person za (preparation for the laboratory experiences)
- 60 hours: interactive laboratory activities in person (students will be divided into 3 groups)

## **Textbook and teaching resource**

Slides and course presentations provided via e-learning.

Book: Edward S. Bennett - Clinical Manual of Contact Lenses

## **Semester**

First quarter: instruments

Second quarter: soft contact lenses

Third quarter: RGP contact lenses

## **Assessment method**

Three theoretical/practical tests in laboratory tests during the year

## **Office hours**

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING | LIFE BELOW WATER

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