



# EUROSCOLE

In-person Scleral Lens Workshops | PROGRAM | BASIC COURSE



## Basic Course

### DAY 1 - 09:30 - 17:30

#### Morning Session - Lecture (3 hours)

- Definition & peculiarity of scleral lenses
- Anatomy of a scleral lens
- Indications
- Contraindications
- Building a scleral lens practice
- Ocular shape

#### 11:00 - 11:30 COFFEE BREAK

- Scleral lens fitting steps
- Use of dyes
- Follow-up schedule
- Patient education and accessories for lens application and removal

#### 13:00 - 14:00 LUNCH

#### Afternoon Session - Hands-on (3 hours)

Participants will be divided into different groups

- Corneal topography: Peculiarity in scleral lens practice
- Eye surface profiler (ESP) EagletEye – Acquisition, interpretation, and prediction of lens parameters and behavior on the eye
- Pentacam: Peculiarity in scleral lens practice

#### 15:30 - 16:00 COFFEE BREAK

- Scleral lens application and evaluation:
  - Lens selection from the diagnostic set
  - Slit-lamp assessment
  - OCT



## Basic Course

### DAY 2 - 09:30 - 17:30

#### Morning Session - Lecture (3 hours)

- Care regimen, hygiene & compliance
- Scleral lenses vs other modalities
- Scleral lenses vs keratoplasty
- Post-keratoplasty: When to fit scleral lenses and when not to avoid?
- Correlation between corneal and scleral profiles
- Predictors of scleral lens parameters

#### 11:00 - 11:30 COFFEE BREAK

- Scleral lens complications
- Digital photography and videography: why and how
- Telemedicine
- Dry eye and ocular surface diseases challenges
- Selection of lens materials

#### 13:00 - 14:00 LUNCH

#### Afternoon Session - Hands-on (3 hours)

##### Participants will be divided into different groups

- Corneal topography: Peculiarity in scleral lens practice
- Eye surface profiler (ESP) EagletEye – Acquisition, interpretation, and prediction of lens parameters and behavior on the eye
- Pentacam: Peculiarity in scleral lens practice

#### 15:30 - 16:00 COFFEE BREAK

- Empirical scleral lens design:
  - ESP topography to labs
  - Pentacam CSP
    - Wave software
    - Corneoscleral topography to labs