

Masterclasses

Friday, April 5th 2019

Updates on diagnosis and management of keratoconus

The aim of the master class “Updates on diagnosis and management of keratoconus” is to provide to the participating ophthalmologists a comprehensive description of the diagnostic procedure to detect keratoconus progression and overview of the current methods available in the surgical scenario with particular emphasis on high-tech instrumentation and latest development. Selected clinical cases will be presented and discussed with participants.

Upon completion of the master class, the learner should:

- have a better understanding of the diagnosis and follow-up of keratoconus patient
- be able to discriminate clinical progressive disease
- have a better knowledge of current therapeutic options (beyond optical correction with spectacles or contact lenses) among the latest advances in surgical procedures

Supported by Sooft

Course duration 1 hour

Directors: L. Mastropasqua, M. Nubile

Teaching Staff: Leonardo Mastropasqua, Ozana Moraru, Nataliia Malachkova

Topics

- Keratoconus management
- Tomographical diagnosis of keratoconus
- Detections of keratoconus progression
- Corneal Collagen cross-linking indications and literature review
- Iontophoresis assisted cross-linking in keratoconus
- Combined refractive surgical techniques with cross-linking
- Femtosecond laser technology in Intrastromal keratoplasty
- Corneal remodelling (Stromal lenticule addition keratoplasty: SLAK)
- Intraoperative OCT in Deep anterior lamellar keratoplasty

Program

12:40 - 12:50	Update in Diagnosis and current definition of progressive keratoconus	Nataliia Malachkova
12:50 - 13:00	Corneal Collagen cross linking: from Iontophoresis to combined techniques	Mario Nubile
13:00 - 13:10	Femtosecond laser technology in intrastromal keratoplasty for corneal ectasia (SLAK)	Leonardo Mastropasqua
13:10 - 13:20	Deep anterior lamellar keratoplasty: from basics to the latest evolution in surgical techniques	Ozana Manuela Moraru
13:20 - 13:40	Interactive discussion with participants	