

# Masterclasses

Friday, April 5<sup>th</sup> 2019

## Neurotrophic keratopathy: innovations in diagnosis and treatment

The aim of this master class “Neurotrophic keratopathy: innovations in diagnosis and treatment” is to describe to the participating ophthalmologists recent updates on neurotrophic keratopathy (NK) including definition, classification and staging, diagnosis, complications, medical management and surgical treatment. Particular emphasis will be dedicated to differential diagnosis and to the presentation of recent NGF on-label treatment available for this orphan disease. and Selected clinical cases will be presented and discussed with participants.

Upon completion of the master class, the learner should:

- have a better knowledge of neurotrophic keratopathy
- be able to perform correct differential diagnosis of the diseases and correct diagnostic algorithm for severity staging
- be able to perform correct therapeutic approach considering medical conservative, etiological treatment, and surgical indications.

**Supported by Dompé**

**Course duration 1 hour**

**Directors:** L. Mastropasqua, H.S. Dua

**Teaching Staff:** Leonardo Mastropasqua, Harminder S. Dua, Mario Nubile, Dalia Said

### Topics

Neurotrophic Keratopathy

- Definition of NK
- Clinical presentation
- Diagnostic algorithm
- Differential diagnosis
- Complications
- Conventional conservative treatment
- NGF (Nerve Growth Factor) topical treatment
- Surgical Procedures

### Program

12:40 - 12:50	Definition and Clinical presentation and staging of Neurotrophic Keratopathy	Harminder S. Dua
12:50 - 13:00	Basic and advanced diagnostic procedures and differential diagnosis of NK	Dalia Said
13:00 - 13:10	Conventional medical treatment and surgical indications in NK	Mario Nubile
13:10 - 13:20	Innovations in NK treatment with topical NGF: evidences, results and perspectives	Leonardo Mastropasqua
13:20 - 13:40	Interactive discussion with participants	