



VIDEO COURSE AND **WETLAB** ON HUMAN CORNEAS

LAMELLAR CORNEAL SURGERY DALK & DMEK

A Coruña **29th and 30th MAY 2025**

Director

M^a Victoria de Rojas Silva

Chairman of the Department of Ophthalmology

Organized by

Department of Ophthalmology

Colaboration from

Eye Bank and Transplant Coordination Office

Área Sanitaria da Coruña e Cee



SERVIZO
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FUNDACIÓN GALEGA
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Centro Tecnológico
de Formación

DALK & DMEK LAMELLAR CORNEAL SURGERY



The course will be conducted at the Centro Tecnológico de Formación, an advanced experimental center in A Coruña, and will comprise two types of sessions: instructional sessions and wet lab sessions.

The instructional component will be delivered primarily through video presentations, providing a detailed step by step guide to the surgical procedures, including the use of intraoperative OCT. These presentations will be followed by discussions on surgical preferences and techniques among the speakers.

The wet lab will be fully equipped with 10 microscopes, individual cameras, and screens, allowing the instructor to display videos and enabling each participant to record their own surgical procedures. Human corneas, discarded for clinical use, will be provided—four per participant—along with all necessary instruments, including artificial anterior chambers, trephines, punches, hockey knives, forceps, and other essential materials required for the practical sessions.

On Day 1, all participants will attend the instructional course on DALK. On Day 2, for the wet lab, attendees will be divided into two groups: 10 participants (Group 1) will proceed to the wet lab for DALK, while the remaining 10 (Group 2) will attend the instructional session on DMEK. In the following session, the groups will switch, with Group 2 performing the DALK wet lab while Group 1 attends the DMEK instructional session. Subsequently, Group 1 will conduct the wet lab for DMEK, while Group 2 participates in an instructional session on clinical cases related to DALK and DMEK. In the final session, the groups will switch again. Additionally, on Day 2, participants will visit the Eye Bank for a hands-on demonstration.

PROGRAM

INSTRUCTIONAL
SESSION

WETLAB
SESSION

DAY1

16:15 -16:20h

INTRODUCTION

16:20 -16:45h

CORNEAL TISSUE EVALUATION

16:45 -18:00h

DALK: SURGICAL TECHNIQUE

18:00 -18:30h

COFFEE BREAK

18:30 -19:45h

DALK: SURGICAL COMPLICATIONS

DAY2

GROUP 1

GROUP 2

09:00-11:00h

WET LAB DALK

DMEK GRAFT PREPARATION
AND IMPLANTATION

11:00 -11:30h

EYE BANK VISIT

DMEK COMPLICATIONS

11:30-12:00h

COFFEE BREAK

12:00 -14:00h

DMEK GRAFT PREPARATION
AND IMPLANTATION

WET LAB DALK

14:00 -14:30h

DMEK COMPLICATIONS

EYE BANK VISIT

14:30 -15:30h

LUNCH

15:30 -17:00h

WET LAB DMEK

DALK & DMEK SPECIAL
CASES

17:00 -17:30h

COFFEE BREAK

17:30 -19:00h

DALK & DMEK SPECIAL
CASES

WET LAB DMEK

Educational activity for ophthalmologist specialized in corneal surgery with interest in lamellar corneal surgery (beginners and early starters). Expert surgeons in the field will share their tips and tricks and the details of the procedure with you. Audience will be limited to 20 attendants, with groups of 10 people during the web lab sessions so participants will enjoy personal advice and guidance.

SPEAKERS (alphabetical order)

- **Mayte Ariño Gutiérrez**
Hospital Clínico San Carlos, Madrid
- **M^a Victoria de Rojas Silva**
Complejo Hospitalario Universitario de A Coruña
- **Óscar Gris Castellón**
IMO, Miranza, Barcelona
- **Carlos Lisa Fernández**
Instituto Oftalmológico Fernández - Vega, Oviedo
- **Esther Rendal Vázquez**
Complejo Hospitalario Universitario de A Coruña

LOCALIZATION

CENTRO TECNOLÓGICO DE FORMACIÓN

As Xubias, s/n. 15006-A Coruña. Tel. +0034 981 178 242

REGISTRATION

- Please, fill in the pre-registration form: [HERE](#)
- Course fee is €800 per participant (limit 20 participants)
- Includes: instructional sessions, wet lab sessions, eye bank visit, coffee breaks and lunch on Friday.
- Once you receive a confirmation email from the secretary, please deposit the registration fee in the following account, including the name of the ophthalmologist: IBAN ES31 2080 001 2323 0400 4961