

1st EDITION

Training Course on Cataract Surgery with Toric Intraocular Lens Implantation

DESCRIPTION OF THE COURSE

The toric intraocular lens (IOL) training program for ophthalmologists aims to establish the basic knowledge, theoretical and practical, for the surgical management of astigmatism by the implantation of an IOL.

In the same way it is intended to give a specific vision of the technological news and the most up-to-date knowledge about this refractive surgery technique.

GENERAL COMPETENCIES

Learn more about the mechanics of cataract surgery using phacoemulsification and implanting a toric IOL, and its instrumentation, both theoretical and applied, in clinical practice.

SPECIFIC COMPETENCIES

Once the course is completed, the student will be able to perform the following activities autonomously.

- Toric IOL indication
- Power calculation and surgery planning
- Reference marking
- Surgical technique
- Follow up

DATES, LOCATION AND TIMELINES

The course will take place on October 17th and 18th, 2019, combining classroom activities and live surgery at the Hospital Provincial de Nuestra Señora de Gracia de Zaragoza in Spain, from 4:00 p.m. to 8:00 p.m. on Thursday October 17th and from 9:00 a.m. to 2:00 p.m. on Friday, October 18th

October 17th 2019

Module 1. Introduction. Basic principles. Indications and Strengths

Prof. Luis E. Pablo, Dr. Francisco J. Castro

Module 2. Preoperative evaluation. Biometry. Keratometry

2.1. Preoperative evaluation. Biometry

Dr. Cristina Almenara, Mrs. Irene Altemir

2.2. Preoperative evaluation. Keratometry

Mr. Rubén Hernández, Mr. Álvaro Fanlo

2.3. Preoperative evaluation. Ocular Surface

Prof. Luis E. Pablo

16:30-17:00 Coffee break

Module 3. Toric IOL calculation. Formulas, new algorithms. Toric IOLs

3.1. Toric IOL calculation. Power calculation

Dr. Francisco J. Castro

3.2. Toric IOL calculation. Toric Calculators

Dr. Francisco J. Castro

3.3. Toric EnVista Platform

Prof. Luis E. Pablo

Module 4. Axis marking alternatives and Error variables. Surgical technique

4.1. Surgery: Marking systems

Dr. José M. Larrosa

4.2. Surgery: Errors

Dr. José M. Larrosa

4.3. Surgical technique

Dr. José M. Larrosa

4.4. Victus and astigmatism

Dr. José M. Larrosa

October 18th 2019

Module 5. Live streaming cataract surgery with toric IOL implant

Dr. Eduardo del Prado, Dr. Cristina Almenara, Dr. Francisco J. Castro

10:30-11:00 Coffee break

Module 6. Postoperative follow-up. Clinical cases

6.1. Follow-up. Postoperative evaluation

Dr. Miriam Idoipe

6.2. Residual astigmatism analysis

Mr. Rubén Hernández

6.3. Apps

Dr. José M. Larrosa

6.4. Ocular surface and postoperative evaluation

Prof. Luis E. Pablo

6.5. Clinical cases

Dr. José M. Larrosa, Dr. Miriam Idoipe, Dr. Francisco J. Castro