



MIGUEL HERNANDEZ UNIVERSITY
MEDICAL SCHOOL, DIVISION OF OPHTHALMOLOGY
ALICANTE, SPAIN

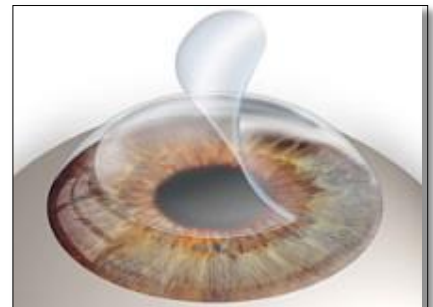
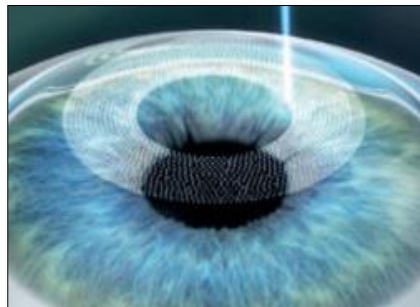
The New International Online Refractive Course University Certified Perfection Course

Clinical Methodology in Refractive, Cataract and Corneal Surgery

Course Director:

Jorge L. Alió, MD, PhD, FEBO.

Chairman and Professor of Ophthalmology Universidad de Miguel Hernández, Elche
Medical Director VISSUM, Alicante, Spain



www.refrativesurgeryonlinecourse.com

Registration and more information: jl.alio@umh.es
Subscribe to: www.facebook.com/umhrefractivecourse

Welcome to the Miguel Hernández University certified online refractive course: Clinical Methodology in Refractive, Cataract and Corneal Surgery. The field of ophthalmology has witnessed great advances during the last decade, parallel to the innovative technology, especially in the field of medical lasers and devices. From that, refractive aspect of vision care became corner stone of any procedure or invention, with ophthalmologists around the world seeking perfect vision, in terms of quality rather than quantity, giving rise to the ever interesting and challenging sub-specialty of refractive surgery. Recently, modern ophthalmology, has expanded the spectrum, not only to include refractive error correction procedure, but also all other procedures related to the cornea; such as corneal transplantation or lens of the eye, as cataract extraction surgery, which evolved to be in great part a combined therapeutic and refractive procedures, due to the state of the art advancements both in surgical techniques and in ocular implants. In this course, we provide a comprehensive teaching curriculum and learning environment, applying an international model, from covering the basic science related to refractive surgery such as; ocular anatomy, physiology and optics, till the highlights of the recent advanced methods and outcomes in refractive correction surgeries along with topics of cataract and corneal management of refractive interest.

Prof. Dr. Jorge L Alió, MD. PhD, FEBO

Course Director



COURSE CONTENT:

Module One: Refractive Surgery:

- Refractive Surgery Introductory Course
- Advanced Refractive Course: Part I (Corneal)
- Advanced Refractive Course: Part II (Intraocular)

Module Two: lens Surgery:

- Surgical Modalities
- Intraocular lenses in Cataract Surgery
- Femtosecond Assisted Cataract Surgery

Module Three: Fundamentals of Corneal Surgery:

- Fundamental of Corneal Imaging
- Corneal Graft Surgery
- Keratoconus Management
- Crosslinking
- AMO Intralase Physician Course

Module Four: Good Clinical Practice (GCP) Certified Course

Module Five: Guidelines and Standard Protocols:

- Standard Procedures in Refractive Surgery
- Standard Procedures in Cataract Surgery
- Standard Procedures in Corneal Surgery
- Instruments and Suturing Basics in Cataract, Refractive and Corneal Surgery

Module Six: Basic Research Methodology:

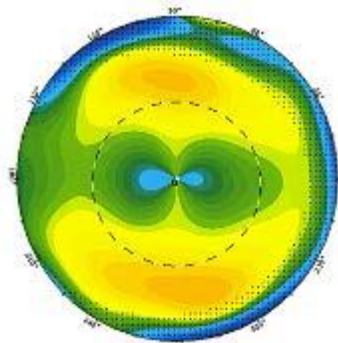
- Fundamentals of Medical Research
- Study Design
- Research Protocol
- Basics of SPSS

COURSE FINAL PROJECT:

- Under supervision of *International Expert Tutors*

COURSE OUTLINES:

- Faculty of Medicine: Campus of San Juan
- ECTS Credits: 25 (250 Learning Hours)
- Duration: 1 academic year
- Field: Vision science
- Specialty: Ophthalmology
- Area of interest: Refractive surgery
- Instruction: **Online E-learning**
- Language: English
- Type: Clinical / Research
- Number of Courses: 6 modules all required
- Final project: Yes (1) required



COURSE FACULTY:

Course Director:

- **Prof. Dr. Jorge Alió**

Associate Course Professor:

- **Dr. Mohamed El Bahrawy**

Associate University Staff:

- Dr. Emilia Mullet
- Dr. M^a Jose Prieto
- Dr. Blanca Lumbreras
- Dr. José Miguel Roman
- Dr. Francisco Arnalich
- Dr. Roberto Fernandez-Buenaga
- Dr. Jorge Alió Del Barrio
- Dr. Alferado Vega

Scientific Advisors:

- Dr. Jack Holladay
- Dr. Richard Lindstrom

International Tutors:

- Dr. Adel Barbara
- Dr. Alaa El Danasoury
- Dr. Antonio Marinho
- Dr. Arturo Chayet
- Dr. Arun Gulani
- Dr. Dan Reinstein
- Dr. David O`Bart
- Dr. Enrique Graue
- Dr. Francesco Carones
- Dr. George Kymionis
- Dr. George O. Waring IV
- Dr. Jesper Hjortdal
- Dr. John Kanellopoulos
- Dr. Jose Salgado Borges
- Dr. Leonardo Matropasqua
- Dr. Mahmoud Ismail
- Dr. Marco Fantozzi
- Dr. Michael Knorz
- Dr. Miguel Maldonado
- Dr. Mohamed Shafik
- Dr. Mounir Khalifa
- Dr. Osama Ibrahim
- Dr. Paolo Vinciguerra
- Dr. Rafael Barraquer
- Dr. Ramón Gutiérrez
- Dr. Ramon Lorente
- Dr. Richard Packard
- Dr. Richard Lindstrom
- Dr. Roberto Belluci
- Dr. Ronald Krueger
- Dr. Ronit Levinger
- Dr. Samuel Masket
- Dr. Suphi Taneri
- Dr. Victoria de Rojas

