



PEARLS & CONCLUSIONS

view (7), 14)

view (6), 6)

Official Course
ISRS/AAO

9th
8th, 9th, 10th March 2007

ALICANTE REFRACTIVE

International 2007

Simply the best...

Director: Prof. Jorge L. Alió

VISSUM
INSTITUTO OFTALMOLÓGICO DE ALICANTE

OFFICIAL VENUE: VISSUM/ Instituto Oftalmológico de Alicante
INFORMATION: www.alicanterefractiva.com - E-mail: refractiva@vissum.com
Secretarial: Bárbara Pérez / Silvia Hernández
Avda. de Dania s/n. Edificio VISSUM - 03016 Alicante (Spain)
Phone: +34 96 515 40 62 - Fax: +34 96 515 15 01
OFFICIAL LANGUAGES: Spanish / English
Simultaneous translation in all sessions (except courses)

UNIVERSIDAD Miguel Hernández

Acknowledged as being of "Scientific and Professional interest" by the General College of surgeons and of "Sanitary interest" by the Ministry of Health of the Comunidad Valenciana.

Prof. Jorge L. Alió

VISSUM

Instituto Oftalmológico de
Alicante

Universidad Miguel Hernández
Alicante (Spain)



Official Course of the International Society of Refractive Surgery/American Academy of Ophthalmology (ISRS/AAO)

“QUALITY OF VISION IN CATARACT AND REFRACTIVE SURGERY”



Jueves, 8 de marzo de 2007

IX Symposium Alicante Refractiva Internacional

14:30h 15:30h Entrega de documentación
Bienvenida y Apertura del Curso
Prof. Jorge L. Alió, Presidente de la ISRS/AAO

15:30h 17:45h **Curso Oficial de la International Society of Refractive Surgery / American Academy of Ophthalmology (ISRS/AAO): CALIDAD DE LA VISIÓN EN CIRUGÍA REFRACTIVA Y DE LA CATARATA**
Director y Moderador: Prof. Jorge L. Alió
Lugar: Auditorio Palacio de Congresos de Alicante
Patrocina: **BAUSCH & LOMB**

Visión de cerca y su funcionamiento. ¿Qué es "leer" ?
¿Cómo definir la Calidad Visual?
Calidad Óptica del Ojo Humano: ¿Cómo medirla?
Neuroprocesamiento y Calidad Visual
Cirugía Refractiva Corneal y Calidad Visual
Calidad Visual en Cirugía de la Catarata:
¿Son adecuados nuestras LIOs?
Cómo evaluar la Cirugía de la Presbicia
Nuevo Modelo para el estudio de la capacidad de lectura en Cirugía Refractiva y de la Catarata
Corrección de Aberraciones con Lentes de Contacto

Robert Montes-Micó
Joaquín Murta
Pablo Artal
Carlos Verges
Daniel Reinstein

Gonzalo Bernabeu/M^a Dolores Ortiz
Sudhir Patel

Alois K. Dexl
Jesús Merayo





ISRS/AAO OFFICIAL COURSE QUALITY OF VISION IN CATARACT AND REFRACTIVE SURGERY

- R. Montés: Besides near VA there are other important parameters when evaluating reading ability.
- Dr Murta: Determination of VA, contrast sensitivity, aberrometry and calculation of the eye quality as an optical system are the main parameters that we can use clinically to assess the patients' quality of vision.



ISRS/AAO OFFICIAL COURSE QUALITY OF VISION IN CATARACT AND REFRACTIVE SURGERY

- Dr Vergés: The visual perception is established at 2 levels in the cortex: pre-image and clear image in which the attention and capture of movement are essential for the formation.
- Dr Reinstein: the spherical aberration is the most limiting factor after cataract surgery. It is pupil dependent.



ISRS/AAO OFFICIAL COURSE QUALITY OF VISION IN CATARACT AND REFRACTIVE SURGERY

- Dr Bernabeu/Ortiz: presented a quality of vision evaluation model in vivo to be used in implantology
- Dr Dxel: a new method (SRD) that measures reading speed in a systematically and reproducible way.
- Dr Merayo: semi-hard cl can correct corneal aberrations induced in some cases of photorefractive surgery.



SPECIAL COURSES

“MULTIFOCAL LENSES: WHICH LENSES AND SELECTION CRITERIA”



18:15h 20:15h **Curso Invitado de la International Society of Refractive Surgery/
American Academy of Ophthalmology (ISRS/AAO):**

**LENES MULTIFOCALES:
CUÁLES SON Y CÓMO LAS ELEGIMOS**

Director: Prof. Miguel A. Zato - Moderador: Dr. José L. Rodríguez Prats

Lugar: Auditorio Palacio de Congresos de Alicante

Patrocina: **AMO**

Presentación del Curso: Multifocalidad,

Pseudoacomodación y Acomodación

Bases Ópticas de la Multifocalidad

Estudio Óptico de las Lentes Multifocales

Tipos de Lentes Intraoculares:

Multifocalidad: ventajas e inconvenientes

Tipos de Lentes y sus Resultados:

Lente Tecnis

Lente Rezoom

Lente Restor

Lente AcriLISA 366D

Otras Lentes Multifocales

Cómo mezclar las Lentes Multifocales (Mix and Match)

**Cómo elegir el Paciente adecuado para el Implante
de una Lente Multifocal (Custom Match)**

Lentes Multifocales en casos especiales: Refracciones

Extremas y Degeneración Macular. Lente Tecnis

Panel de Discusión

Jorge L Alió
Pablo Artal
Carlos Illueca

Miguel A Zato

Ángel López Castro
Carlos Verges
Luis Fernández Vega
José Alfonso

Miguel A. Zato
Ángel López Castro

José L. Rodríguez Prats

Jorge Tortorelli



ISRS INVITED COURSE MULTIFOCAL LENSES: WHICH LENSES AND SELECTION CRITERIA

- Dr Artal: There are physical limits at present for visual quality with multifocal IOLs.
- Dr Alió: The surgical management of pseudo-accommodation in the corneal and intraocular planes will be transcendent when we accomplish a real restoration of accommodation.



ISRS INVITED COURSE

MULTIFOCAL LENSES: WHICH LENSES AND SELECTION CRITERIA

- Dr López Castro: Technis MF is a good option if the patient's greatest interest is good near vision. It's very sensitive to residual ametropias.
- Dr Vergés: Mix and Match with ReZoom and a diffractive IOL offers excellent results in near, distance and intermediate vision.



ISRS INVITED COURSE MULTIFOCAL LENSES: WHICH LENSES AND SELECTION CRITERIA

- Dr Fernández Vega: ReSTOR enables a good distance and near VA, with efficacy in intermediate vision influenced by the pupillary diameter.
- Dr Alfonso: AcriLISA is an especially valuable alternative in patients with high ametropias (myopia and hyperopia).



ISRS INVITED COURSE MULTIFOCAL LENSES: WHICH LENSES AND SELECTION CRITERIA

- Dr Rodríguez Prats: Custom Match. Importance of psychology and patient's needs.
- Dr Tortorelli: The MF IOL can also offer good results in patients with ARMD.
- Discussion: different opinions in Mix & Match. Still low penetration in the market. Still in search of the ideal MF.



SPECIAL COURSES

“ASTIGMATISM AND SURGERY: HOW TO DO IT

Jueves, 8 de marzo de 2007

16:15h 19:30h **Curso para Residentes. International Society of Refractive Surgery / American Academy of Ophthalmology (ISRS/AAO)**
EL ASTIGMATISMO Y SU CIRUGÍA AL ALCANCE DE TODOS
Director: Dr. Alberto Artola - Ponente invitado: Prof. Joaquín Barraquer
Lugar: Sala 5 Palacio de Congresos de Alicante
Patrocina: **NOVARTIS**

Presentación del Curso	Jorge L. Alió
Introducción: Concepto, Definición y Tipos de Astigmatismo	Alberto Artola
Métodos de estudio y valoración del Astigmatismo (I). Refracción. Esquiascopia	Gonzalo Bernabeu/David Piñero
Métodos de estudio y valoración del Astigmatismo (II). Topografía Corneal	Robert Montés-Micó
Corrección óptica del Astigmatismo: Lentes de Contacto	Juan J. Pérez Santonja / Magdalena García-Lledó
Corrección Quirúrgica del Astigmatismo (I). Tratamientos Corneales : Incisional, Láser, Queratoplastia conductiva, otras...	Juan José Pérez Santonja
Corrección Quirúrgica del Astigmatismo (II). Tratamientos Intraoculares: Lentes Fáquicas Tóricas	Jorge L. Alió

17:45h 18:15h **COFFEEBREAK en Exposición Comercial**

Corrección del Astigmatismo durante la Cirugía de la Catarata	José L. Rodríguez-Prats
Tratamiento del Astigmatismo Post- Queratoplastia	Juan Álvarez de Toledo
Tratamiento del Astigmatismo Irregular	José I. Belda
Conferencia de Clausura: ¿Cómo corregiremos el Astigmatismo en el futuro?	Prof. Joaquín Barraquer





view (7), 14)

view (6), 6)

Official Course
ISRS/AAO 



9th
8th, 9th, 10th March 2007

ALICANTE REFRACTIVE

International 2007

Simply the best...

Director: Prof. Jorge L. Alió




OFFICIAL VENUE: VISSUM Instituto Oftalmológico de Alicante
INFORMATION: www.alicanterefractiva.com - E-mail: refractiva@vissum.com
Secretariat: Bárbara Pérez / Silvia Hernández
Avda. de Benito s/n. Edificio VISSUM - 03016 Alicante (Spain)
Phone: +34 96 515 40 62 - Fax: +34 96 515 15 01
OFFICIAL LANGUAGES: Spanish / English
Simultaneous translation in all sessions (except courses)



Acknowledged as being of "Scientific and Professional Interest" by the Spanish Colleges of Surgeons and of "Sanitary Interest" by the Ministry of Health of the Comunidad Valenciana.

IX SYMPOSIUM INTERNACIONAL ALICANTE REFRACTIVA 2007



SESSION I: VIDEOCOMPLICATIONS

- Dr. Alió: successful treatment for massive secretory epithelization is possible.
- Dr Aramendía: incomplete flap, respect and surface treatment afterwards.
- Dr Baviera: remember that we can ablate in the flap's posterior face.
- Dr Bernabeu: the endothelium is not that fragile (functional recovery after total detachment).
- Dra Cigales: early treatment of striae
- Dr Duch: Sulcus sutured IOLs. Sutures are not forever.



SESSION 2: HOW DO WE USE OUR LASER

- Dr. Muñoz: Retreatment after LASIK, PRK with PTK if there is topographic change (always with MMC).
- Dr Reinstein: knowing the cut depth of our microkeratome is essential to prevent ectasia.
- D. Piñero: Pendular and IntraLase make parallel faced flaps.



SESSION 2: HOW DO WE USE OUR LASER

- Dr Javaloy/Muñoz: TLSS and Energy related-DLK may be specific inflammatory complications after IntraLase.
- Dra Cobo: customized ablations, aspherical profiles and conventional treatments show similar refractive results with differences in final asphericity.



SESSION 3: ADVANCED SURFACE ABLATION (ASA)

- Dr. Merayo: MMC if ablation > 50 micron.
- Dr Maldonado: Autologous serum for epithelization delay after surface ablation.
- Dra de Rojas: it is possible to pharmacologically modulate pain after ASA.



SESSION 3: ADVANCED SURFACE ABLATION (ASA)

- Controversy epithelial flap after ASA: respect or remove?
 - Dra McDonald: the epithelium is the best therapeutic CL.
 - Dr Reinstein: the presence of the epithelial flap worsens the final refractive predictability.



SESSION 4: INNOVATIONS IN IOLs. NEW OPTICS

- Dr Artal: the development of aspheric technology applied to IOLs implies an additional improvement in the final quality of vision.
- Dr Ben-Nun: real accommodation is possible after cataract surgery.
- Dr Chayet: Toric RESTOR opens a new chapter in the combined treatment of ametropia and near VA restoration after phacoemulsification.
- Dr Murta: the rings consolidate as irreplaceable in the treatment of corneal ectatic disease.



SESSION 5: UPDATE IN SURGICAL CORRECTION OF PRESBYOPIA

- Controversy MF IOLs yes/no:
 - Dra Fdez Vega: MF IOLs offer enough global advantages to enable their generalized use.
 - Dr Güell: with the present models of conventional IOLs with monovision and MF the results are equivalent w/o dysphotopsia problems.



SESSION 5: UPDATE IN SURGICAL CORRECTION OF PRESBYOPIA

- Dr Alió: the adequate combination of peripheral and central ablation, using PresbyMax, offers excellent solutions for myopes, emmetropes and hyperopes with presbyopia. First predictive model of Presbylasik.
- Dr Pinelli: Peripheral PresbyLASIK (PML) it's also an excellent option in the presbyopic correction of myopes and emmetropes.



SESSION 5: UPDATE IN SURGICAL CORRECTION OF PRESBYOPIA

- Dra McDonald: the extreme thinness, its biocompatibility, porosity, dimensions and preliminary clinical results make Acufocus an Inlay with excellent perspectives.
- Dr Chayet: PresbyLens an Inlay with only 1.5 mm diameter with promising results.



SESSION 6: CROSS-LINKING AND NEW CORNEOPLASTIC TECHNIQUES

- Dr Shabayek: Preliminary encouraging results with cross-linking in keratoconus and post-lasik ectasia.
- Dr Alió: Corneoplastic, art and skill to surgically shape the cornea.
- Dr Cezón: Presented different methods to clinically measure corneal elasticity.



SESSION 6: CROSS-LINKING AND NEW CORNEOPLASTIC TECHNIQUES

- Dr Cadarso: Do not use cross-linking in corneas with under 400 micron stromas. Possible retreatments in the future.
- Dr Sánchez Galeana: rings reduce the progression of ectasic disease mantaining the pachymetric values.
- Dr Duch: the implantation of rings should not be an important challenge to the novel surgeon



X ALICANTE REFRACTIVA

• NEXT MEETING DATES

– ISRS/AAO Course: 6 March 2008

– Alicante Refractiva ISRS/AAO Course:
7 and 8 March 2008

X Alicante Refractiva Internacional
6, 7 y 8 de Marzo de 2008

Curso Oficial
ISRS/AAO

Director
Prof. Jorge L. Alió

Información: www.alicanterefractiva.com
E-mail: refractiva@viissum.com
Secretaría Técnica: Bárbara Pérez / Silvia Hernández
Edif. VISSUM, Avda. de Dentia, s/n. 03016 - Alicante
Tel.: +34 965754062 - Fax: +34 965751501
Idiomas: Oficial: Español / Inglés
Traducción simultánea en todas las sesiones

Los tiempos están cambiando...

ISRS | AAO

VISSUM

The image shows a modern building with a white facade and dark glass windows, illuminated at dusk. The building features a large logo of an eye and the text 'VISSUM INSTITUTO OFTALMOLÓGICO ALICANTE'. In the foreground, there is a large, out-of-focus, circular object with a yellow and white pattern, possibly a decorative element or a lens.

VISSUM
INSTITUTO
OFTALMOLÓGICO
ALICANTE

Profesor Dr. Jorge L. Alió
Catedrático de Oftalmología
Director Medico

¡¡ Muchas gracias !!



view (79, 14)

view (6, 6)



X Alicante Refractiva Internacional

6, 7 y 8 de Marzo de 2008

Curso Oficial
ISRS/AAO



Director
Prof. Jorge L. Alió



Información | www.alicanterefractiva.com
E-mail | refractiva@vissum.com
Secretaría Técnica | Bárbara Pérez / Silvia Hernández
Edif. VISSUM, Avda. de Denia, s/n. 03016 – Alicante
Tel.: +34 965154062 – Fax: +34 965151501
Idiomas Oficiales | Español / inglés
Traducción simultánea en todas las sesiones

Los tiempos están cambiando...

Declarado de Interés Sanitario por la Consejería de Sanidad de la Comunidad Valenciana
Declarado de Interés Científico y Profesional por el Consejo General de Colegios Oficiales de Médicos

