



Athens Eye
Hospital

Cataract training Course
15 / 16 / 17
June 2012

Educational
Courses
2012

The Athens Eye Cataract training course

The Hellenic Institute of Education in Ophthalmology, in cooperation with Athens Eye Hospital announces the introduction of Cataract Surgery training courses which will be held at Athens Eye Hospital three times each year.

Courses will include both intermediate and advanced level of specialization with context to be announced prior to the events.

The first Basic to Intermediate level Course will take place at AEH from the **15th -17th June 2012.**

For registration and financial sponsorship please send your CV to **info@athenseyehospital.gr** or fax: **0030 210 969 7011**



Athens Eye
Hospital



This course is a basic to intermediate level surgical skill transfer experience.

Target group includes first and second year residents or whoever has minimal exposure to phaco surgery. It is supported by a faculty of 40 high caliber anterior segment surgeons.

At the end of the course the residents should have understood the behaviour of different OVDs, Capsulorexis, Nucleofractis techniques, hydrodynamic principles etc.

Everybody will have a unique opportunity to compare a lot of phaco systems and pumps, learn how to fold and insert different IOLs and to practice modern phaco surgery like MICs and C-MICs. During the course they will be video presentations of interesting cases which are going to be commented by the residents. The backbone of this endeavour is a really intense theoretical course which will cover cataract surgery from A to Z.

We hope that this will be an outstanding multinational experience which is going to fulfil trainees' expectations.

June
15 /16 /17
2012

A. Cataract course

Scientific Program

Thursday

15 June 2012

(16:00 – 21:00)

1. Type of anesthesia
2. Biometry
3. Ergonomic surgery (set up microscope, set operating table, and draping)
4. Incisions
5. Viscoelastics
6. Capsulorexis
7. Capsular misadventure
8. Hydrodissection and hydro delineation
9. Hydrodynamic, Physics, pump mechanisms, tip technology
10. Power and delivery, techniques, and BMICS vs CMICS
11. Irrigation – aspiration
12. Customizing IOL technology
 - a. Aspheric
 - b. Multifocal
 - c. Accommodative
13. Optimizing astigmatism management
14. Difficult cases
 - a. Small pupil and floppy iris syndrome
 - b. Shallow anterior chamber and positive pressure
 - c. Deep anterior chamber
 - d. Loose zonule
 - e. Soft, dense cataract
 - f. Post vitrectomy cataract
 - g. White cataract
15. Complications
16. Intra ocular lenses in the absence of capsular support: scleral fixation, iris fixation, angle support, Aphacic artisan,
17. Retrolenticular Anatomy
18. Surgical management of malpositioned posterior chamber IOL
19. Iridoplasty and artificial iris
20. My postop refraction is off! Now what?
21. The unhappy premium IOL patient: where to go from here?
22. The current management of congenital and developmental cataract





B. Surgical Simulation

Eyesi's basic skill tasks are designed to advance the psychomotoric coordination of hands, eye and foot spatial orientation inside the eye. Exercises aim to minimize reaction time, excess movement of the hands and tremor. In order to train navigation in the interior of the eye and overcome the dissociation of intention and manual execution in eye-hand coordination known as the fulcrum effect, abstract exercises have proven to be equal to or even more efficient than training in a real setting.

Virtual training will be focused on:

1. Cataract navigator training levels
2. Cataract anti – tremor – training levels
3. Cataract forceps training levels
4. Cataract bimanual training levels
5. Capsulorhexis levels
6. Hydro maneuvers levels
7. Cataract cracking and chopping training levels
8. Phaco training levels
9. Irrigation and aspiration levels

C. Wet lab experience

1. Step by step phaco
2. Basic suturing techniques
3. Folding and insertion techniques for different IOL
4. Types and use of different viscosurgical devices.
5. Capsulorhexis techniques
6. Nucleofractis techniques
7. Wound creation technology
8. Comparison of different phaco systems (Pumps: concentric, peristaltic, venturi)
9. Experiment of bottle height control, wound leak and flow rate.

D. Video Presentation of Special cases

Faculty Members

Petropoulos B.

Allonistiotis D.

Balidis M.

Bezmertis I.

Bartzelioti K.

Dousis G.

Douraki A.

Gatou S.

Zafirakis P.

Zafirakou R.

Kyroudis O.

Kymionis G.

Masselos St.

Mitsopoulou M.

Peponis B.

Papathanasiou M.

Papadimitriou D.

Papaioannou K.

Rallatos G.

Rallatos Ch.

Sakadas A.

Skouroliakos A.

Smachliou P.

Sideris A.

Tsioumas N.

Tsatsari F.

Vaiopoulou A.

Vergados I.

Cholevas P.

Kopsidas K.

Kalogeropoulos K.

Chalkiadakis I.

Papaeuthimiou S.



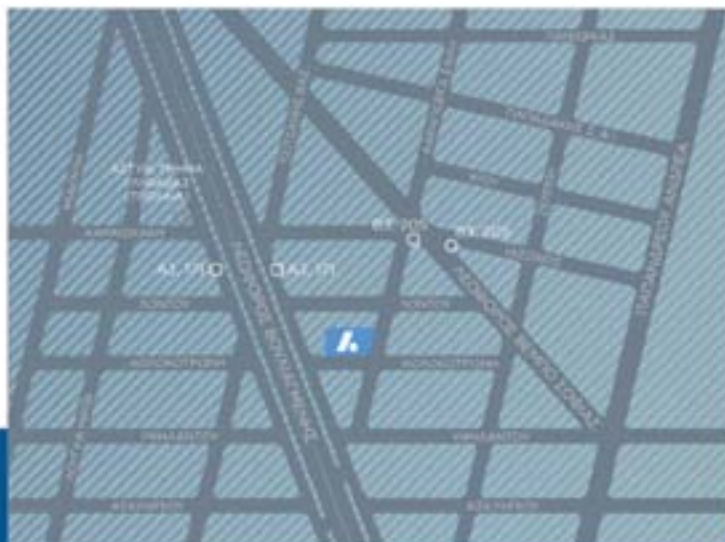


45, Vouliagmenis Avenue & 35, Kolokotroni Str.
166 75, Glyfada (Panagitsa Area, near Glyfada's Police Station)

T: (0030) 210 9697000/964 7790

F: (0030) 210 969 7001

e-mail: info@athenseyehospital.gr



How to get there

By Metro

Get off at Agios Dimitrios station.

Take the bus number 171 to Varkiza. Get off at the Trochea Stop.

By Bus

Line A3: Akadimia - Glyfada (Stop: Trochea)

Line B3: Akadimia - Glyfada (Stop: Karapanou)

Line 205: Glyfada – Sourmena – Terpsithea (Stop: Karapanou)