



Third Module 2011

Cataract Surgery

13 – 18 August 2011, ESASO Asia – Singapore Campus
Course Director – Ronald Yeoh (Singapore)

Faculty

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	SATURDAY, 13 AUGUST 2011
08:45	Welcome & Introduction
09:00	Introduction: The Adult Cataract - Assessing the adult cataract, Cataract morphology & Classification, Warning signs in cataract assessment
10:00	Cataract Surgery and other eye diseases (I): Diabetic retinopathy, ARMD
10:45	TEA
11:00	Macula OCT for the anterior segment surgeon
11:20	Anterior segment OCT for the cataract surgeon
11:40	Role of Topography and Aberrometry before and after cataract surgery
12:30	LUNCH
13:30	Cataract Surgery and other eye diseases (II): Uveitic cataracts
14:15	Basic course in Phacoemulsification (I): Incisions: main and sideport, Capsulorhexis, Hydrodissection
15:15	TEA
15:30	Divide & Conquer, Stop and Chop, Vertical and Horizontal Chops
16:15 – 17:30	Complication in Phaco (I): Posterior capsule rupture, Posterior & Anterior assisted levitation of dropping nucleus, Lens-Iris Diaphragm Retropulsion Syndrome (LIDRS)
	SUNDAY, 14 AUGUST 2011
09:00	Comprehensive Biometry + case studies
11:00	TEA
11:15	Basic Course in Phacoemulsification (II): Fluidics, Mixed & Multi-Level chop, Irrigation/aspiration, Lens implantation, Removing OVD
12:30	LUNCH
13:45	Surgically relevant lens embryology, anatomy, physiology and pathology
14:15	Paediatric cataract surgery
15:15	TEA
15:30 – 17:15	Complex cataracts (I): Small pupils, Pseudoexfoliation cataracts, Iris defects, Polar cataracts, White and Black cataracts

Eyesi Simulator will be available throughout the entire course



	MONDAY, 15 AUGUST 2011
09:00	Complications in Phaco (II): Posterior capsular opacification
09:30	The Dropped Nucleus
10:00	Endophthalmitis: Prevention & Management
10:30	TEA
10:45	Other complications, Video presentations for discussion
12:15	LUNCH
13:15	Complex Cataracts (II): Ectopia Lentis Subluxated cataracts, Capsular tension rings Cionni 1 and 2, Capsular tension segments, Scleral fixation of IOLs
15:15	TEA
15:30 – 16:30	Iris Fixation of IOLs, Finer points of IOL Fixation
	TUESDAY, 16 AUGUST 2011
09:00	State of the Art Phaco Surgery: My favourite phaco machine and why
09:30	Phaco Technology: Ultrasound, torsional, pulse, burst
10:00	Viscoelastics
10:30	TEA
11:00	FemtoPhaco
11:30	Implant materials and design, Acrylic or silicone, Blue filter or not
12:15	LUNCH
13:15	Advanced Technology Lens Implants: Toric IOLs: practical points and tips in ensuring optimal outcomes Multifocal IOLs: choosing the right patient, Managing the patient
15:15	TEA
15:30 – 16:30	Toric Multifocal IOLs: The latest in achieving spectacle freedom, Incorporating AT IOLs into practice
	WEDNESDAY, 17 AUGUST 2011
09:00	Miscellaneous topics: Monovision, Biometry after Refractive Surgery, Implantable telescopes for Macular degeneration, Anterior vitrectomy
10:30	TEA
10:45	Cataract & Glaucoma
11:15	Cataract & Retinal Detachments
11:45	Cataract & Cornea
12:15	LUNCH
13:15	Interesting case presentations for discussion: IOL exchange, Soft cataracts, Traumatic cataracts, High myopes, Post-vitrectomy cataracts, Nanophthalmos
15:15	TEA
15:30	Questions and Answers: Anything goes!
16:30 – 16:45	Closing & Award Ceremony
	THURSDAY, 18 AUGUST 2011
09:00	Wet Lab
13:00	LUNCH
14:00 – 16:00	Wet Lab Free Practice

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