

FUSION

APACRS
ASIA-PACIFIC ASSOCIATION OF
CATARACT & REFRACTIVE SURGEONS

AUSCRS
AUSTRALIAN SOCIETY OF
CATARACT & REFRACTIVE SURGEONS

Cairns July 1 - July 4 2010

Thursday, 1 July 2010

Time: 1600-1730

- **Masterclasses**

1. Perspectives on Pterygium
2. Collagen cross-linking in corneal disease
3. Intacs and Kerarings
4. Fixing IOLs in the absence of Capsular Support
5. Improving Refractive Outcomes after Cataract Surgery

Time: 1830-2030

- **Welcome Reception**
- **Official Opening of Exhibition**
- **Opening Ceremony**

Friday, 2 JULY 2010

Time: 0830-1030 hrs

- **AUSCRS Gold Medal Lecture** - Roger Steinert – USA
- **APACRS Lim Lecture** – Abhay Vasavada – India
- **APACRS Awards Presentation**

**Friday, 2 JULY 2010**

Time: 1030 hrs – 1230 hrs

Plenary P2:**AVOIDING THE UNEXPECTED!**

The Combined Symposium of Cataract & Refractive Surgery (CSCRS) is brought to you by a joint collaboration between three major regional societies in Cataract and Refractive Surgery - USA (ASCRS), Europe (ESCRS), Asia-Pacific (APACRS).

Come and join us as speakers discuss strategies and technologies that can avoid unexpected outcomes after cataract surgery with respect to 1) Clarity (light transmission), 2) Refraction (spherical equivalent outcomes) and 3) Astigmatism.

Under Clarity, Kimiya Shimizu will address the issue of optical clarity (glistenings etc), Philippe Sourdille to discuss dysphotopsia and Alan Crandall to consider PCO prevention. All speakers could focus on lens materials and design.

Under Refraction, Jose Guell will discuss correcting spherical equivalent refractive error with light adjustable IOLs, Roger Steinert could focus on Optimizing rhexis size and centration using Femtosecond technology and Graham Barrett will address the issue of lens formulae to improve predictability of refractive outcomes.

Under final heading of Astigmatism, Doyle Stulting to talk about technology to monitor astigmatism at time of surgery, Paul Rosen to discuss IOL solutions (Toric) and John Chang to consider cornea solutions LRI and LASIK.

Chairmen: Graham Barrett (APACRS) • Roger Steinert (ASCRS) • Jose Guell (ESCRS)

Clarity

Light Transmission - Kimiya Shimizu (APACRS)

Dysphotopsia - Philippe Sourdille (ESCRS)

PCO Prevention - Alan Crandall (ASCRS)

Focus

Femtosecond Laser - Roger Steinert (ASCRS)

Adjustable IOLs - Jose Guell (ESCRS)

Formulae - Graham Barrett (APACRS)

Asymmetry

Astigmatic Calculation & Correction - Doyle Stulting (ASCRS)

IOL solutions - Paul Rosen (ESCRS)

Corneal solutions - John Chang (APACRS)

Each speaker to make a 6-minute presentation leaving 3 minutes for discussion.

Friday, 2 JULY 2010

Symposium S1: **In the Zone – Perfect Phaco**

Time: 1400 hrs – 1530 hrs

Chairmen: Abhay Vasavada, India ♦ Mark Troski, Australia

(Presentation: 6mins with 3mins discussion)

	Presentation Topic	Speaker
	Impact of phacoemulsification parameters on intraocular pressure during lens removal	Abhay Vasavada India
	Knowing the un-occluded flow rates during phacoemulsification cataract surgery	Hugo Holden Australia
	Back to the future - One-handed phaco technique with Signature Ellips technology	Sri Ganesh India
	Femtosecond laser cataract surgery - capsulorhexis, nucleus liquefaction and corneal incisions	Michael Knorz Germany
	Anterior segment optical coherence tomography evaluation of the integrity of clear corneal incisions - a comparison between 2.2-mm and 2.65-mm main incision	Soon-Phaik Chee Singapore
	Horizontal rotation assisted cataract extraction – a new non nucleus fragmentation technique	Lee Lenton Australia
	Astigmatic effect of 1.9mm co-axial micro-incision phacoemulsification	Sacha Moore Australia
	Micro MICS - 700-micron cataract surgery	Amar Agarwal India
	Image-guided refractive surgery with a femtosecond laser	Karl Stonecipher USA

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Friday, 2 JULY 2010

Symposium S2: **R & R – Refractive Results**

Time: 1400 hrs – 1530 hrs

Chairmen: Wing Kwong Chan, Singapore ♦ David Kent, New Zealand

(Presentation: 6mins with 3mins discussion)

	Presentation Topic	Speaker
	Toric Implantable Collamer Lens (TICL) in Asian eyes	John Chang Hong Kong, China
	Artiflex toric phakic IOL: 3-year follow up	Jose Guell Spain
	A contralateral eye study comparing the Autonomous, VISX CustomVue, Wavelight Allegretto Eye Q for treatment of myopic and myopic astigmatism	Karl Stonecipher USA
	Retreatment options after LASIK – pros and cons	Peter Stewart Australia
	Complications in Femtosecond LASIK	Wing Kwong Chan Singapore
	Laser corneoplastique for corneal scars:refractive surgery to the rescue	Arun Gulani USA
	Nomogram development for Wavefront guided intralase LASIK	David Kent New Zealand
	Uncorrected visual acuity better than 20/20 after LASIK: The norm, not the expectation	Steve Schallhorn USA
	Change of visual field after iris claw phakic intraocular lens implantation for correction of myopia	Seung Hyuck Lee Korea

Friday, 2 JULY 2010

Symposium S3: **Q & A - IOL Implant Issues**

Time: 1600 hrs – 1730 hrs

Chairmen: YC LEE, Malaysia ♦ Kerry Meades, Australia

(Presentation: 6mins with 3mins discussion)

	Presentation Topic	Speaker
	Clinical evaluation of toric intraocular lens using wavefront analyzer	Hiroko Bissen-Miyajima Japan
	Sizing and transparency of the implanted capsular bag	Philippe Sourdille France
	Optimising IOL power calculation for premium IOLs	Han Bor Fam Singapore
	Results for a new micro incision (2.2mm) Intraocular Lens – Hoya AF-1 iMics	Geoff Whitehouse Australia
	Glistening of acrylic IOL by laser microscopy	Kimiya Shimizu Japan
	Fusing the conventional and premium IOL - the prerequisite	YC Lee Malaysia
	Endophthalmitis and TASS in a private day surgery. A 25 year report	Richard Smith Australia
	Age-related phototoxicity and photoreception: Intraocular vs. crystalline lenses	Martin Mainster USA
	The Z Flex Lens: Refractive outcomes and lens centration	John Rawstron Australia

FRIDAY, 2 JULY 2010

Symposium 4: **Under Pressure - Glaucoma Issues in Cataract Surgery**

Time: 1600 hrs – 1730 hrs

Chairmen: Prin Rojanapongpun, Thailand ♦ Julian Rait, Australia

(Presentation: 6mins with 3mins discussion)

	Presentation Topic	Speaker
	Combined glaucoma surgery and phacoemulsification	Alan Crandall USA
	Non-penetrating glaucoma surgery: 10 years of follow-up	Philippe Sourdille France
	Lens removal in glaucoma: When & what to expect?	Prin Rojanapongpun Thailand
	Combined phacoemulsification with Mini-Express shunt for glaucoma	Ching-Lin Ho Singapore
	Long term outcome of laser peripheral iridectomy on primary angle closure glaucoma	Jia-Liang Zhao China
	Prostaglandin analogues and macular oedema	Daniel Su Singapore
	Unknown unknowns of new technologies	Julian Rait Australia

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Symposium 5: **This that and the other...**

Time: 1600 hrs – 1700 hrs

Chairmen: Wee-Jin Heng, Singapore ♦ Peter Stewart, Australia

(Presentation: 6mins with 3mins discussion)

	Presentation Topic	Speaker
	Patient satisfaction after LASIK: an Analysis of over 15,000 patients	Steve Schallhorn USA
	Unusual case of methicillin resistant staphylococcus aureus and acanthamoeba keratitis in a non-cont	Sajjad Sheikh India
	Complications of couching and visual outcome after IOL implantation – A study of 60 patients in Sudan	Mohamed Siddig Sudan
	Prospective, consecutive evaluation of IOL implantation using the monarch III® injector system	Michael Wei Australia
	Eyelid draping for cataract surgery: Finessing sterile lid exclusion	Joshua Baker Australia
	Viscodialling: An alternative method of endocapsular intraocular lens positioning	Dan Brettell Australia
	Innovations for cost cutting can give amazing result	Sanjoy Chowdhury India

Time: 1730 hrs – 1930hrs

FUSION Film Festival

– Live presentation and feature format awards ceremony and cocktail party

SATURDAY, 3 JULY 2010

Symposium S6: **Boomers' Burden - Solutions for Presbyopia**

Time: 08:30 hrs – 10:00 hrs

Chairmen: Kimiya Shimizu, Japan ♦ Patrick Versace, Australia

(Presentation: 6mins with 3mins discussion)

	Presentation Topic	Speaker
	Presbylasik – age optimized vision correction	Patrick Versace Australia
	Surgical results of pseudo-accommodative cornea LASIK for correction of presbyopia	Soekardi Istiantoro Indonesia
	IntraCOR presbyopia correction	Michael Knorz Germany
	Blended vision – a new technique for LASIK in Presbyopia	Klaus Ditzen Germany
	Hybrid monovision	Kimiya Shimizu Japan
	Wavefront aberration of premium IOLs	Hungwon Tchah Korea
	Preliminary clinical outcomes of INTRACOR presbyopic correction in Asian eyes	Kin Keung Wong Hong Kong
	KAMRA– Cornea Inlay	Donald Tan Singapore
	Evaluation of dissatisfied patients following the implantation of diffractive multifocal intraocular lens	Hiroko Bissen-Miyajima Japan

SATURDAY, 3 JULY 2010

REEFSIDE CHAT

Time: 1030 hrs – 11:30hrs

Delegates can hear industry leaders discuss key issues with leading practitioners. Expect a frank, completely upfront discussion... things you'll never hear anywhere outside the boardroom!!

Symposium S7: **Slippery Slope - Challenging Situations in Cataract Surgery**

Time: 1130 hrs – 12:30hrs

Chairmen: Soon-Phaik Chee, Singapore ♦ Daniel Black, Australia

(Presentation: 6mins with 3mins discussion)

	Presentation Topic	Speaker
	Astigmatism correction and cataract surgery: evaluation of different approaches	Jose Guell Spain
	Capture or no capture in paediatric cataract surgery	Wan-Soo Kim Korea
	Thermal effects of longitudinal and torsional phaco	Terence Devine USA
	IOL placement in the presence of a ruptured posterior capsule	Soon-Phaik Chee Singapore
	Tough and challenging cataract cases	Amar Agarwal India
	Small pupil and iris management	Alan Crandall USA
	Phaco fragmentation for dislocated lens fragments during phacoemulsification	Ke Yao China

SATURDAY, 3 JULY 2010

Symposium S8: **Points of Convergence- achieving focus in Cataract Surgery**

Time: 14:00 – 15:30hrs

Chairmen: John Chang, Hong Kong ♦ Rick Wolfe, Australia

(Presentation: 6mins with 3mins discussion)

	Presentation Topic	Speaker
	Optimising outcomes in biometry and IOL calculations	Wolfgang Haigis Germany
	Clinical performance of Re-store IOLs – Our Experience	Mohan Rajan India
	To predict the IOL power after LASIK surgery using Pentacam and Haighs formula	Hui Song China
	Intraocular lens power calculation after laser refractive surgery: corrective algorithm for corneal	Haike Guo China
	Optical Synergy for better functional vision	Han Bor Fam Singapore
	Quality of vision	Julian Theng Singapore
	Independent verification of early visual acuity outcomes	Ian Francis Australia
	Different aspheric intraocular lens in ocular spherical aberration on the influence of Visual quality	Xin Tang China
	Calculating the optimal rotation of a misaligned toric IOL	Laurie Sullivan Australia

SATURDAY, 3 JULY 2010

Symposium S9: **Consider Your Verdict - IOL Selections**

Time: Saturday 14:00- 15:30

Chairmen: Hungwon Tchah, Korea ♦ Tim Roberts, Australia

(Presentation: 6mins with 3mins discussion)

	Presentation Topic	Speaker
	The accommodative intraocular lens – from near to infinity!	Raymond Loh Singapore
	Clinical Experience with the new Hoya iMics NT-60 IOL	Julian Sack Australia
	Correction of irregular astigmatism with 3 different pseudophakic IOLs	Margaret Kearns Australia
	Effectiveness of an acrylic IOL in correcting lower order aberrations	Daniel Black Australia
	Why bother with multifocals	Mark Troski Australia
	Crystalens HD – Analysis of my first 100 eyes	Peter Heiner Australia
	Range of Vision	Robert Ang Phillipines
	Results of the Synchrony dual-optic accommodative intraocular lens	Gerd Auffarth Germany

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2010**SATURDAY, 3 JULY 2010****Symposium S10: Satisfaction – I can't get no!**

Time: 16:00 – 17:30hrs

Chairmen: Soekardi Istantoro, Indonesia ♦ Con Moshegov, Australia

(Presentation: 6mins with 3mins discussion)

	Presentation Topic	Speaker
	18 months experience with Crystalens for a non-refractive cataract surgeon	Terence Divine USA
	"Fixing" unhappy multifocal IOL patients	Doyle Stulting USA
	Static and dynamic cyclotorsion compensation for astigmatic alignment during LASIK	Wee-Jin Heng Singapore
	Results of monofocal IOL exchange by crystal lens HD IOL	Somporn Reepolmaha Bangkok
	DisCoVisc? – Protective factors in phacoemulsification – Preliminary results	Geoffrey Painter Australia
	Macrowash or Microwash? – Keeping the Cornea clear during Cataract Surgery	Shahriar Amjadi Australia
	Comparison of Visual Performance Between Monovision and Acrysof® Restor® Aspheric Lenses."	Mark Wei Australia

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2010**SATURDAY, 3 JULY 2010****Symposium S11: Back to Front - Retina Issues in Cataract Surgery**

Time: 1600 hrs – 1730 hrs

Chairmen: Chong-Lye Ang, Singapore ♦ Ian McAllister Australia

(Presentation: 6mins with 3mins discussion)

	Presentation Topic	Speaker
	UV-B radiation and the pseudophakic eye	Martin Mainster USA
	Vitreous surgery in combination with anterior segment surgery	Doric Wong Singapore
	Retinal detachment and cataract surgery	Chong-Lye Ang Singapore
	AMD and cataract	Ian Yeo Singapore
	Diabetic retinopathy – an update for anterior segment surgeon	JS Wong Malaysia
	Management of postoperative cystoid macular oedema	Adrian Koh Singapore
	Treatment issues in retinal venous occlusive disease	Ian McAllister Australia
	Indoor lighting, circadian light deficiency and cataract surgery	Patricia Turner USA
	Role of Intravitreal bevacizumab in choroidal neovascular membranes	Rupam Desai India

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2010**Day 3 SATURDAY, 3 JULY 2010****Symposium S12: Pot Pourri**

Time: 16:00 – 17:15hrs

Chairmen: Mohan Rajan, India ♦ Peter Heiner, Australia

(Presentation: 6mins with 3mins discussion)

	Presentation Topic	Speaker
	Binocular function after pediatric cataract surgery	Wan-Soo Kim South Korea
	Pathogenesis of postoperative cystoid macular oedema: A literature review and new hypotheses	Gaurav Bhardwaj Australia
	Improving safety when using vision blue® - a new technique	Jenny Lauschke Australia
	Fibrin glue for conjunctival closure in strabismus surgery	Saurabh Mittal India
	Rhegmatogenous Retinal detachment after cataract surgery	Desmond Tung-lien Quek Singapore
	Traumatic Lenticele	Kavita Rao Mumbai
	Small Incision Cataract Surgery – How and Why?	Mohan Rajan India

Cairns 2010

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SUNDAY, 4 JULY 2010

Symposium S13: Cutting Corners

Time: 0800 hrs – 0930 hrs

Chairmen: Donald TAN, Singapore ♦ Grant Snibson, Australia

(Presentation: 6mins with 3mins discussion)

	Presentation Topic	Speaker
	Preoperative screening for keratoconus and ectasia	Michael Belin USA
	Cornea crosslinking	Grant Snibson Australia
	Contact lens-associated infectious keratitis	Doyle Stulting USA
	Reducing endothelial cell loss in DSAEK: clinical results of the Tan EndoGlide for donor insertion	Donald Tan Singapore
	Management of post-graft astigmatism	Roger Steinert USA
	IntraLase enabled keratoplasty	Choun-Ki Joo Korea
	PK vs DSAEK : which is better?	Reece Hall New Zealand
	Cornea under siege	Ashish Bansal India
	Femtosecond laser assisted mushroom configuration deep anterior lamellar keratoplasty	Nikhil L Kumar Australia

Time: 0930-1030hrs

The other Life

A surgeon's lifestyle and balance – how balanced are you???

SUNDAY, 4 JULY 2010

Symposium S14: **Top of the Pops – Expert Tips in Phaco**

Time: 11:00 hrs – 12:30 hrs

Chairmen: Ron Yeoh, Singapore ♦ Graham Barrett, Australia

This top phaco tip symposium aims to tap on speakers' expertise and experience in both teaching and performing cataract surgery. Whilst the average phaco surgeon on his learning curve can observe and admire the quality surgery that speakers are masters of, the finer points may elude them.

Each speaker will focus on any one aspect of the phaco procedure and impart a tip or secret manoeuvre that delegates can take home and use immediately in their operating rooms. The chosen tip is not to showcase how great a surgeon the speaker is but how USEFUL it will be to any delegate or colleague. Nothing would delight the speaker more than a delegate coming back to us next year and saying... 'That was great, I used that tip and it has made a big difference to my surgery.'

Each speaker will make a 4-minute presentation time leaving 2 minutes for a comment. Delegates will be asked to vote for the most useful tip and a prize will be awarded to the presenter.

PRESENTERS
Amar Agarwal, India
Rick Wolfe, Australia
Michael Knorz, Germany
Soon-Phaik Chee Singapore
Pannet Pangputhipong, Thailand
Kimiya Shimizu, Japan
Roger Steinert, USA
Abhay Vasavada, India
Hiroko Bissen-Miyajima, Japan
Daniel Black, Australia
Hungwon Tchah, Korea
Paul Rosen, UK
Alan Crandall, USA
Ron Yeoh, Singapore
Graham Barrett, Australia