



SCHWIND
eye-tech-solutions

SCHWIND Programme Booklet
ESCRS London 2014

ESCRS Congress 2014
Booth No. C13
ExCeL London





Dear Eye Care Professional,

We welcome you to this year's ESCRS Congress in London and cordially invite you to experience our SCHWINDTASTIC innovations.

Quick, light and flexible, this is what the SCHWIND mobile excimer laser generation offers you with the same high precision and unprecedented safety as our AMARIS product family does. Be one of the first to get an early look at our smaller, lighter, mobile generation – we're showing a concept study at the ESCRS.

The SCHWIND Lunchtime Symposium on Sunday 14 September, from 13:00 to 14:00, Boulevard H is the perfect platform to find out the latest from specialists on various aspects of corneal surgery. And within our "Sessions at the Booth" SCHWIND users lecture on clinical experiences with SCHWIND technologies.

Find this and more detailed information in our SCHWIND programme booklet for a perfect guidance throughout the congress, including the SCHWIND related scientific programme.

We are looking forward to your visit and a SCHWINDTASTIC meeting in London!

A handwritten signature in black ink, appearing to be 'R. Schwind', written in a cursive style.

Rolf Schwind
CEO

EUROTIMES Satellite Education Programme

Lunchtime Symposium

Experts for experts at ESCRS in London
Sunday, 14 September 2014, 13:00 – 14:00, Boulevard H

Leading Technology in Refractive Surgery



Moderator

John Marshall, MD, PhD,
United Kingdom



Smart Pulse Technology –
Latest Advancements
of the SCHWIND AMARIS
Product Family

Paolo Vinciguerra, MD,
Italy



News from SCHWIND
SIRAMA – The Future of
Nanosecond Laser
Technology in Corneal
Laser Surgery

Pavel Stodulka, MD,
Czech Republic



Greater Economy and Ease of
Use – Concept Study of the
New SCHWIND Mobile Excimer
Laser Generation

Jonas Lackmar,
Technical Director Memira Group,
Sweden



Focus on 7D Eye Tracking –
Clinical Experience with the
SCHWIND AMARIS 1050 Hz
Excimer Laser Using
Latency-Free Tracking

Jerry Tan, MD
Singapore

Sessions at the Booth

Booth No. C13

SCHWIND users lecture on clinical experience with SCHWIND technologies

Time	Saturday, 13 Sept.	Sunday, 14 Sept.	Monday, 15 Sept.
10:00 - 10:30		J. Tan, MD, Singapore Cyclotorsional errors during refractive surgery	
11:00 - 11:30		F. Hafezi, MD, PhD, Switzerland Ablation rate Corneal Collagen Crosslinking (CXL)	B. Allan, MD, United Kingdom Ocular wavefront treatment with the SCHWIND AMARIS – when, why and how?
11:30 - 12:00	S. Awwad, MD, UAE Trans-epithelial PRK ablations in pathological cases		
13:00 - 14:00		LUNCH SYMPOSIUM	
14:00 - 14:30			D. de Ortueta, MD, Germany Hyperopic LASIK treatments using asymmetric profile
15:00 - 15:30	A. Charonis, MD, Greece VITAL keratoconus classification with the SCHWIND AMARIS ORK-CAM: The AMART Project & Gregory Lens		S. Mughal, MD, United Kingdom Trans Epithelial Surface Ablation: A personal reflection over a collective experience
16:00 - 16:30	D. Holland, MD, Germany 3 - 5 years long term stability after myopic vs. hyperopic bi-aspheric ablation profile for presbyopic corneal treatments		



B. Allan



S. Awwad



A. Charonis



F. Hafezi



D. Holland



S. Mughal



D. de Ortueta



J. Tan

Free Papers

Free Paper Session: Hyperopic Corrections

Sunday, 14 September 2014, 16:30-18:00 PM, Venue: Boulevard B

P. Drake, Spain (16:30 PM)

Femtosecond-assisted LASIK with or without intraoperative Mitomycin C (MMC) to correct hyperopia. (SCHWIND ESIRIS)

F. Nejat, Iran (16:48 PM)

Laser-assisted subepithelial keratectomy for the correction of hyperopia using SCHWIND AMARIS excimer laser: one year follow-up.

D. Holland, Germany (17:24 PM)

PresbyLASIK treatment for simultaneous correction of presbyopia and ametropia: development to PresbyMAX Hybrid at the Augenklinik Bellevue. (SCHWIND AMARIS, PresbyMAX Hybrid)

Free Paper Session: Presbyopic Correction

Monday, 15 September 2014, 16:30-18:30 PM, Venue: Boulevard F (Level 1)

G. Yoon, South Korea (17:34 PM)

Early clinical outcomes of laser in situ keratomileusis to correct presbyopia with SCHWIND PresbyMAX Hybrid ablation profile in Korea (SCHWIND AMARIS 750S, PresbyMAX Hybrid)

Free Paper Session: Surface Ablations for Corrections of Ammetropias

Tuesday, 16 September 2014, 08:00-10:30 AM, Venue: Auditorium

S. Adib Moghaddam, Iran (08:18 AM)

Effect of transepithelial photorefractive keratectomy on myopic eyes: visual quality and main factors predicting it. (SCHWIND AMARIS, TransPRK)

R. Vinciguerra, Italy (08:54 AM)

A retrospective clinical validation study on the modelling of regression after PRK surgery.

S. Mughal, UK (09:48 AM)

Transepithelial photorefractive keratectomy: early clinical results and experience in treating myopic eyes with or without astigmatism. (SCHWIND AMARIS 750S, TransPRK)

Free Papers

J. Gaytan-Melicoff, Mexico (09:54 AM)

PRK vs TransPRK using SCHWIND AMARIS® ORK CAM: an inpatient comparative study. (SCHWIND AMARIS, TransPRK)

M. Bragheet, Kuwait (10:00 AM)

Trans-epithelial photorefractive keratectomy with adjunctive Mitomycin C after laser in situ keratomileusis: retreatment on the flap. (SCHWIND AMARIS 750S, TransPRK)

W. Ghobashy, Egypt (10:06 AM)

Trans-epithelial photorefractive keratectomy with adjunctive Mitomycin C for the correction of residual myopia after LASIK. (SCHWIND AMARIS 500E, TransPRK)

Free Paper Session: LASIK Outcomes I

Tuesday, 16 September 2014, 14:00-16:00 PM, Venue: Boulevard B

S. Patel, UK (14:00 PM)

A critical evaluation of unexpected refractive outcomes following LASIK for a moderate to high myopic astigmatism: the relationship between the planned astigmatic treatment and effective astigmatic treatment. (SCHWIND AMARIS)

M. Arbelaez, Oman (14:06 PM)

Clinical results in femto-LASIK with an excimer laser which actively compensates lateral, rolling, cyclotorsional and axial displacements and further considers the time factor by predicting the eye movements. (SCHWIND AMARIS 1050RS)

Free Paper Session: LASIK Outcomes II

Tuesday, 16 September 2014, 14:00-16:00 PM, Venue: Capital Hall B

J. Sanchez Pina, Spain (14:06 PM)

FemtoLASIK to correct high myopia versus low myopia. (SCHWIND ESIRIS)

T. Kohnen, Germany (15:14 PM)

Analysis of eye movements during myopic femtosecond laser in situ keratomileusis (Femto-LASIK). (SCHWIND AMARIS 750S)

Free Papers

Free Paper Session: Refractive Corneal Surgery

Wednesday, 17 September 2014, 08:00-09:30 AM, Venue: Boulevard A

H. Mahmood, Bahrain (08:18 AM)

Pachymetry-assisted lamellar keratoplasty in advanced keratoconus under topical anesthesia in Bahrain: 2 year follow-up. (SCHWIND AMARIS, PALK)

ISRS Symposium

Three Big Debates and Controversies in Corneal Refractive Surgery

Tuesday, 16 September 2014, 17:00 - 20:00 PM, Venue: Capital Hall B

Centration of Refractive Procedures / Corneal Ablation Centration

D. de Ortueta, Germany (18:16 PM)

Point/counter point: corneal vertex centration is best (SCHWIND AMARIS 750S/1050RS)

D. de Ortueta, Germany (18:26 PM)

Rebuttal (S. Schallhorn, USA. Point/counter point: entrance pupil centre is best)

Therapeutic Refractive Surgery

S. Holland, Canada (19:14 PM)

Topography-guided custom ablation using two different platforms (SCHWIND AMARIS 1050RS)

J. Tan, Singapore (19:44 PM)

OCT PTK for dystopies and scars. (SCHWIND AMARIS 750S/1050RS)

Presented Posters

Presented Poster Session 09: Keratorefractive Surgery Outcomes – Presbyopia

Sunday, 14 September 2014, 09:30 - 11:00 AM, Venue: Pod 3 (Poster Village)

E. Sunay, Turkey (10:00 AM)

Mid-term PresbyMAX results. (SCHWIND AMARIS 500E, PresbyMAX μ -monovision)

Presented Posters

Presented Poster Session 11: Refractive Surgery New Techniques/ Instrumentation/Devices 1

Sunday, 14 September 2014, 15:00 - 17:00 PM, Venue: Pod 2 (Poster Village)

O. Jungwoo, South Korea (16:15 PM)

The clinical results of TransPRK & LASEK (surface ablation) using AMARIS 1050RS excimer laser in 860 eyes. (SCHWIND AMARIS 1050RS, TransPRK)

Poster Abstracts

Cornea – surgical

C. Carriazo, Colombia

Lamellar perforating keratoplasty (LPK): new surgical technique. (SCHWIND AMARIS, PALK)

M. Poelzl, Germany

Swimming DSAEK. (Carriazo-Pendular, SCHWIND Artificial Chamber)

Cross-Linking

M. Henriquez, Peru

Accelerate transepithelial corneal collagen cross-linking for progressive keratoconus: AS-OCT and Scheimpflug imaging

D. Alexopoulos, Greece

Managing keratoconic ectasia with topography-guided, partial cornea regularization, in conjunction with high-fluence cross-linking (the Athens protocol), based on a 750Hz excimer laser platform. (SCHWIND AMARIS 750S)

Femtosecond laser

J. Alió, Spain

Outcomes of femtosecond laser lenticular extraction (FLEx, SMILE) vs 6th generation excimer laser in the correction of myopia. (SCHWIND AMARIS 750S)

Poster Abstracts

Laser Refractive Surgery (Lasers/LASIK/LASEK/Epi-LASIK)

J. de Lange, South Africa

A comparative study of the last 100 LASIK and the last 100 TransPRK treatments done with a SCHWIND AMARIS excimer laser. (SCHWIND AMARIS, TransPRK)

A. Hondur, Turkey

Autologous serum eye drops accelerate epithelial healing after LASEK. (SCHWIND ESIRIS)

H. Akçam, Turkey

Can surface ablation be a two-day procedure? (SCHWIND ESIRIS)

T. Manoilo, Ukraine

Clinical experience with 0.05% cyclosporine A (Restasis) for management of dry eye after laser vision correction. (SCHWIND AMARIS, Carriazo-Pendular)

J. Tan, Singapore

Comparison of ablation centration with a 750Hz flying spot (SCHWIND AMARIS 750S) excimer laser with 1050Hz tracker and a 1050Hz flying spot (SCHWIND AMARIS 1050RS) excimer laser with a 1050Hz predictive eye tracking system following myopic LASIK.

D. Lin, Canada

Comparison of early outcomes of photorefractive keratectomy between Allegretto Wavelight (AW) and SCHWIND AMARIS (SA) refractive lasers.

R. Atrata, Czech Republic

Excimer laser correction for myopic anisometric amblyopia in pediatric patients: long-term results. (SCHWIND AMARIS)

B. Allan, UK

Preliminary findings for wavefront-guided transepithelial photorefractive keratectomy combined with corneal collagen cross-linking for stage II-III keratoconus using the SCHWIND AMARIS 750S excimer laser.

M. Litev, Bulgaria

Safety and efficacy of laser correction of hypermetropia: early results in a retrospective study comparing VISX Star S4 and SCHWIND AMARIS.

Poster Abstracts

Presbyopia

H. Mahmood, Bahrain

Safety and efficacy of PresbyMAX laser PRK in the treatment of presbyopia: four year results.

Refractive surgery complications

E. Eskina, Russia

Six month results of using 0.05% cyclosporinum after surface ablation in cases of steroid-induced ocular hypertension.

Refractive surgery new techniques / instrumentation / devices

S. Al Bayati, United Arab Emirates

Topographic aberrometric guided custom ablation (TAGCA) transepithelial photorefractive keratectomy (PRK) with simultaneous accelerated corneal collagen cross-linking (ACXL) (SCHWIND AMARIS; TransPRK)

K. Al Arfaj, Saudi Arabia

TransPRK for low to moderate myopia. (SCHWIND AMARIS, TransPRK)

Refractive surgery practice styles

L. Kovalenko, Ukraine

Analysis of the results of LASEK eye surgery for myopia with aspheric ablation with MMC on the corneal flap. (SCHWIND AMARIS)

M. Anticic, Croatia

Laser-assisted in situ keratomileusis (LASIK): results in high astigmatism. (SCHWIND AMARIS 750S)

S. Mughal, UK

The effectiveness of the diagnostic accuracy shown by optometrists when referring patients for corneal laser vision correction and the causal factors contributing to unsuitability (SCHWIND AMARIS 750S)

AMARIS® 1050RS

AMARIS® 750S

AMARIS® 500E

Impressively evolutionary

The SCHWIND AMARIS® 1050RS



SCHWIND
TECHNOLOGY **HQ**

1050 Hz Repetition Rate
7D Eye Tracking



SCHWIND
eye-tech-solutions

SCHWIND eye-tech-solutions GmbH & Co. KG · Mainparkstraße 6-10 · D-63801 Kleinostheim, Germany
Fon: +49 6027508-0 · email: info@eye-tech.net · www.eye-tech-solutions.com