

PROGRAMME



Durban, South Africa
27-30 October 2016
10ga.iapb.org



IAPB Vision Atlas

The IAPB Vision Atlas is a compilation of the latest data and evidence relevant to all those who believe that in the 21st century no one should have to live with avoidable blindness or sight loss. It is a powerful new tool in the fight to redress the inequities and failings that give rise to this injustice.

Visit the IAPB Vision Atlas website today - atlas.iapb.org

Includes new
and updated maps
showing prevalence
for all ages and
adults >50

Welcome to the IAPB 10th General Assembly in Durban, South Africa



- 5 Welcome
- 7 Partners & Supporters
- 8 Sponsor Profiles
- 11 Satellite Sessions
- 12 Breakfast Sessions
- 15 Social Programme
- 16 Keynote Speakers
- 18 Eye Health Heroes
- 20 Pavilion Programme
- 24 Durban ICC Floorplan
- 26 Exhibitors' Hall Floorplan
- 30 Day 1 – Friday 28th October – Full Programme
- 42 Day 1 – Friday 28th October – Poster Presentations
- 46 Full Programme at a Glance
- 56 Day 2 – Saturday 29th October – Full Programme
- 66 Day 2 – Saturday 29th October – Poster Presentations
- 75 Day 3 – Sunday 30th October – Full Programme
- 82 Day 3 – Sunday 30th October – Poster Presentations
- 90 Acknowledgements



Front cover
image ©
Michael Amendolia,
Fred Hollows
Foundation

CONTENTS



**WITHOUT CATARACT
SURGERY RACHAEL WOULD
NEVER HAVE SEEN HER
MOTHER'S FACE**

2016 is a crucial period for the future of the development sector, as the Sustainable Development Goals (SDGs) gain traction and new coalitions coalesce around Diabetes and other key health issues. This year we will need to take note of our progress against these overarching frameworks along with capturing progress towards the WHO's Global Action Plan. As we work with our partners in international development, other blindness prevention organisations and bodies working for the benefit of those who are irreversibly blind, the eye health sector needs an opportunity to meet, discuss, exchange notes and calibrate efforts.



IAPB's 10th General Assembly (10GA) is that opportunity. 10GA is the premier global event discussing public health issues related to blindness and visual impairment. Catering to every eye health professional – ophthalmologists, optometrists, other eye health professionals, development and public health experts, key opinion leaders, procurement specialists, CEOs, eye care equipment manufacturers – 10GA has become one of the biggest events in the eye health calendar in 2016.

With the theme *Stronger Together*, IAPB aims to underscore the key value it delivers to the eye care sector – building partnerships and ensuring the entire sector speaks in one voice.

Along with our local hosts in Durban, the Brien Holden Vision Institute, we look forward to meeting you and working with you over the next few days. This programme book has all the information you will need during the three days of the event, and you should be able to have up-to-date information (and a more collaborative experience) through the 10GA app.

Welcome!

Bob McMullan – IAPB President

WELCOME

Mectizan for River Blindness:

*As much as needed, for as long as needed.
Donated by MSD since 1987.*



www.mectizan.org



7 Partners & Supporters



IAPB would like to thank the following companies and organisations for their support of 10GA:

10GA Programme Partners



Brien Holden
VISION INSTITUTE



MECTIZAN®
DONATION
PROGRAM



Eye Health Partners



INTERNATIONAL COUNCIL
of OPHTHALMOLOGY



L'OCCITANE
EN PROVENCE



VISION IMPACT INSTITUTE™
Giving Vision a Voice



Education Partners



Local Organising Partners & Supporters



As ever, IAPB is delighted to partner with the 10GA Programme Partners and Eye Health Sponsors here in Durban, and we thank them for their continued support



Brien Holden Vision Institute

We believe sight is a fundamental right for all humans. Our mission is to create and deliver effective and innovative solutions for vision care and blindness prevention for all. Our passion for science and innovation is driven by the pursuit of knowledge and compassion for all humanity. We achieve through collaboration.



CBM

CBM is an international Christian development organisation committed to improving the quality of life of people with disabilities in the poorest communities of the world. CBM addresses poverty as a cause and a consequence of disability, and works in partnership to create an inclusive society for all.



Orbis

Orbis brings the world together to fight blindness as no one should go blind from conditions that are treatable, curable or preventable. For over 30 years Orbis has helped developing nations build the skills, knowledge and resources they need to prevent blindness and provide eye care for all their people.



Mectizan Donation Program (MDP)

Established 25 years ago, the Mectizan Donation Program (MDP) is the longest-running, disease-specific, drug donation programme and public/private partnership of its kind. To date, approximately 2.32 billion treatments have been approved for Onchocerciasis and LF. MDP's success is largely due to the partnerships that have evolved in support of both disease elimination initiatives.



Seva

Seva is a global non-profit eye care organisation that transforms lives by supporting people around the world in their efforts to build healthy communities. Seva works with partners in over 20 countries to create self-sustaining programmes that restore sight and prevent blindness.



Helen Keller International

Helen Keller International saves and improves the sight and lives of the world's vulnerable by combating the causes and consequences of blindness, poor health and malnutrition. HKI's life-saving, life-changing programmes in 21 African and Asian countries, as well as in the United States, reach millions of people each year.



International Council of Ophthalmology

The International Council of Ophthalmology (ICO) represents and serves professional associations of ophthalmologists throughout the world. ICO works with ophthalmologic societies and others to enhance ophthalmic education and improve access to the highest quality eye care in order to preserve and restore vision for the people of the world.

Our mission is to create and deliver effective and innovative solutions for vision care and blindness prevention for all.



Global Resource Centre

Creating an affordable global spectacle supply

Global Eye Care

Building sustainable eye care systems to increase access to services

Optometry Development

Developing a global eye health workforce through optometry education and faculty infrastructure



Academy

Driving a centre of excellence for global eye health and vision care education

Our Children's Vision

Leading a call to action to prioritise child eye health worldwide

Technology Development

Developing innovative vision science, optical design and engineering

Myopia

Creating awareness and developing solutions to manage the onset and progression of myopia

11 Satellite Sessions

IAPB Western Pacific

Saturday 29th October, 12:45 to 13:45, Meeting Room 12



The Western Pacific region has seen significant success since 2012 with the development of a Regional Action Plan, a programme of support with the World Health Organization funded by the Australian Government, a series of workshops and enhanced coordination and advocacy in several target countries. Looking ahead, what can IAPB and members do collectively to have a better impact on eye health in the Western Pacific? Led by IAPB Regional Chair-elect Amanda Davis, the session invites all interested delegates to a lunch to help determine directions and priorities for the run-up to 2020.

IAPB Europe

Saturday 29th October, 17:45 to 20:00, Meeting Room 21



IAPB Europe region constitutes a mix of countries with a variety of issues. With a focus on spreading awareness of Diabetic Retinopathy and Retinopathy of Prematurity screenings, IAPB has helped deliver a number of training workshops and advocacy partnerships with eye care organisations under the European Union. Led by the Regional Chair, Janos Nemeth, the session will look at what needs to be done over the next four years, and 10GA delegates can participate in the deliberations.

ISGEO Congress

31st October and 1st November, the Hilton Durban



The aim of the International Society of Geographic and Epidemiologic Ophthalmology (ISGEO) is to promote the science of geographic and epidemiologic ophthalmology among all people and nations. This aim encompasses the epidemiological, clinical, educational, environmental and cultural aspects of eye disease, prevention of blindness, preservation of sight and visual rehabilitation. Membership and registration fee will be charged for attending ISGEO Congress.

12 Breakfast Sessions

Breakfast sessions are open to all participants

Diabetic Retinopathy: recent achievements and future challenges

Fri 28th Oct, 07:30 to 08:45, Meeting Room 11

Hosted by IAPB DR Work Group

Join a panel of experts to discuss recent developments in the management of DR, including the global rise in diabetes prevalence and the challenges for health systems, providers and patients.



'Our Children's Vision'

Fri 28th Oct, 07:30 to 08:45, Meeting Room 12

Hosted by Brien Holden Vision Institute

Focused child eye health programmes have the biggest impact on the vision of our children. In this session, Our Children's Vision invites interested parties to develop a deeper understanding of campaign objectives, strategies and outcomes to date.



Low Vision Services: Resources and Tools

Sat 29th Oct, 07:30 to 08:45, Meeting Room 12

Hosted by IAPB Low Vision Work Group

Members of the IAPB Low Vision Working Group will present the purpose and content of the IAPB Standard List for Low Vision Services, the WHO Tool for Assessment of Rehabilitation Support Services and the indicators developed to map low vision services that they developed. The session will conclude with a discussion on the SDGs and low vision services.



Human Resources for Eye Health

Sat 29th Oct, 07:30 to 08:45, Meeting Room 22

Hosted by IAPB HReH Work Group

Join members of the IAPB HReH Work Group to hear about its projects, ways to input on them, how to suggest new ones and for some HReH-themed networking.



13 Breakfast Sessions

Seating is limited. Advanced RSVPs may be prioritised



Refractive Errors

Sat 29th Oct, 07:30 to 08:45, Meeting Room 21

Hosted by IAPB Refractive Errors Work Group

Uncorrected refractive error is the leading cause of global visual impairment. The breakfast meeting will brief you about current activities, including the work of EYelliance and the emphasis on childrens' vision.



Closing the Gender Gap

Sun 30th Oct, 07:30 to 08:45, Meeting Room 21

Hosted by The Fred Hollows Foundation and Brien Holden Vision Institute

Gender equity is central to economic and human development. Removing inequities gives societies a better chance to develop. In eye health, while some gains have been made in closing the gap, women experience two-thirds of the burden of global blindness. Join this discussion to share experiences and lessons learned.



Catalysts of Change: The Role of Volunteers

Sun 30th Oct, 07:30 to 08:45, Meeting Room 12

Hosted by Lions Clubs International Foundation

Volunteers play an important role in promoting eye health care in their communities. This session is designed to highlight the broader impact of volunteer service organisations, such as the Lions Clubs International. Presenters will offer their thoughts on meaningful volunteer engagement; the benefits, limits and challenges of volunteer involvement in an eye care programme, and future directions volunteers may take.



Inclusive Eye Health – Leaving No-one Behind



CBM 10GA Programme Partner
www.cbm.org



15 Social Programme



Opening Ceremony

Thursday 27th October, 17:30 to 19:00, Hall 1

The Opening ceremony under the auspices of HE Ellen Johnson Sirleaf, the President of Liberia, will bring together leaders from South Africa and the eye health sector. The dignitaries will preside over the launch of the event, formally beginning the General Assembly on Thursday evening.

Followed by Welcome Reception, 19:00 to 21:00, Halls 5 & 6

Gala Dinner

Friday 28th October, 19:30, Durban Botanic Gardens

The Gala dinner will showcase South African culture, cuisine and arts. The city of Durban and the KwaZulu-Natal province, the epitome of South African hospitality, will be hosting 10GA delegates from around the world. Every effort is being made to ensure the delegates have an unforgettable experience this evening.

Celebration Ceremony

Sunday 30th October, 16:00 to 17:30, Hall 1

On the last day of the event, IAPB and our 10GA host, the Brien Holden Vision Institute, will celebrate the sector's partnerships and achievements. IAPB will celebrate our Eye Health Heroes and announce the finalists of the 2016 World Sight Day Photo Competition, among other things.





President Ellen Johnson Sirleaf
President of Liberia, 2011 Nobel Peace laureate, Goodwill Ambassador for Water, Sanitation and Hygiene (WASH), Africa



David Donoghue
Permanent Representative of Ireland to the UN, Co-Facilitator of the negotiations on the post 2015 development agenda



Matshidiso Moeti
WHO Regional Director for Africa. Physician, Public Health Specialist & Medical Administrator



Alan Johns Lecture Astrid Stuckelberger
Scientist, Institute of Global Health, Advisor and expert in topics related to global health and ageing



John Wilson Lecture Francis Omaswa
Executive Director, African Center for Global Health and Social Transformation (ACHEST)



Tim Evans
Senior Director of Health, Nutrition and Population at the World Bank, specializing in global health equity, health systems performance and health financing



Yoswa M Dambisya
Director General of the East, Central and Southern Africa Health Community (ECSA- HC)



Rupert Bourne
Professor of Ophthalmology, Anglia Ruskin University and Co-ordinator, Vision Loss Expert Group (VLEG)



Vasuki Shastry
Global Head of Public Affairs and Sustainability at Standard Chartered Bank



Serge Resnikoff
Leading international expert in global public health, ophthalmology and eye health, member of VLEG and President, Organisation pour la Prévention de la Cécité (OPC)



Restoring sight to millions since 2003



Learn more at seeingisbelieving.org

18 Eye Health Heroes

The Eye Health Heroes programme is an initiative of the International Agency for the Prevention of Blindness (IAPB) in partnership with the L'OCCITANE Foundation. It is designed to celebrate eye care practitioners and front-line staff whose everyday efforts behind the scenes are making a real difference towards Universal Eye Health.



Zhou Xing-Tao
Shanghai EE&T and Fudan
University
China



Jonathan Jasper Pons
Good Shepherd Hospital
Swaziland



Khairul Islam
De'ep Eye Care Foundation
Bangladesh



Chunhong Guan
Orbis North Asia
China



Levi Kandeke
Clinique de l'Oeil
Burundi



Ellery Marino Lopez Star
Instituto Mexicano de
Oftalmologia
Mexico



Wangchuk Doma
Venu Eye Institute
India



Stevens Chan
Save Ones Sight
Missions BHD
Malaysia



Janak M. Shah
SEE International
India



Boateng Wiafe
Operation Eyesight
Universal
Ghana



James Muecke
Sight For All
Australia



David Pahau
National Department of
Health/Boram General
Hospital
Papua New Guinea

19 Eye Health Heroes



**Jachin David Williams
Aruldooss**
L V Prasad Eye Institute
India



Viktor K. Zuev
The S.N. Fyodorov 'Eye
Microsurgery'
Russia



Lobsang Tsetim
Ramakrishna Mission
Hospital
India



Jambí Garap
PNG Eye Care
Papua New Guinea



**César Juan de Dios
Gonzales Tasayco**
Clinica Divino Niño Jesús
Peru



Vanessa Bosch Canto
Instituto Nacional de
Pediatría Mexico
Mexico



Mama Tapo
Lions Club International
Mali



Anna Morse
Brien Holden Vision Institute
Australia



Chunhong Yan
He Eye Hospital
China



Ciku Mathenge
Rwanda International
Institute of Ophthalmology
& Dr Agarwal's Eye Hospital
Rwanda



**Gérard Marie Jean Claude
Cadet**
State University Haiti /
Faculté de Médecine et de
Pharmacie Université D'Etat
Haiti



Alberto Lazo Legua
Clinica Divino Niño Jesús
Peru

Hear some of their stories at the
Knowledge Pavilion; see page 20

In partnership with
L'OCCITANE
EN PROVENCE

20 Pavilion Programme

Friday 28th October

An ancillary programme of presentations covering a wide range of eye health issues including recent innovations, research findings, lessons learned, future funding opportunities and more.

10:45 - 11:00	Arclight – a low-cost solar LED ophthalmoscope for the 21st Century <i>John Sandford-Smith, William J Williams</i>	
12:30 - 12:45	Global Optometry Development – Out of Africa! <i>Luigi Bilotto</i>	
12:45 - 13:00	Trends in Eye Health in CBM <i>Irmela Erdmann</i>	
13:00 - 13:15	Diabetes Eye Health: A guide for health professionals <i>Anna Saxby</i>	
13:15 - 13:30	Challenges to disease elimination <i>Yao Sodhalon</i>	
13:30 - 13:45	Lessons learned from a school-based refractive error screening programme in Jakarta, Indonesia <i>Satya Kotha</i>	
13:45 - 14:00	Orbis 'Eye Know' Quiz <i>Ronnie George</i>	
15:30 - 16:00	L'OCCITANE En Provence Eye Health Heroes <i>L'OCCITANE Foundation</i>	

21 Pavilion Programme

Saturday 29th October

10:30 - 10:45	A three-province survey of diabetic eye disease in rural China <i>Nathan Congdon</i>	
10:45 - 11:00	DR Barometer Project: survey results from 41 countries <i>Peter Ackland</i>	
12:30 - 12:45	Introduction to the completely new 2016 IAPB Standard List <i>Philip Hoare</i>	
12:45 - 13:00	The underestimated impact of Uncorrected Refractive Error <i>Maureen Cavanagh</i>	
13:00 - 13:15	Workload Indicators of Staffing Needs (WISN) <i>Mollent Okech</i>	
13:15 - 13:30	Seeing is Believing: Strengthening eye care <i>Sally Crook</i>	
13:30 - 13:45	Supporting the GAP at the regional and national level <i>Robin Percy, Yi Beibei, Yuddha Sapkota, Damian Facciolo</i>	
13:45 - 14:00	The Champalimaud Vision Award - 10 years on. Future aims for eye health <i>Andrew Tasker</i>	
15:30 - 16:00	Lions Clubs International Foundation: SightFirst Funding Opportunities <i>Marie Anne Sliwinski, Karen Kilberg</i>	

22 Pavilion Programme

Sunday 30th October

An ancillary programme of presentations covering a wide range of eye health issues including recent innovations, research findings, lessons learned, future funding opportunities and more.

10:30 - 10:45	A demonstration of the Peek system <i>Andrew Bastawrous</i>	
10:45 - 11:00	Introducing the IAPB Vision Atlas <i>Peter Ackland</i>	
12:30 - 12:45	Strategic Partnerships to Scale Quality, Sustainable Eye Services Worldwide <i>Heidi Chase</i>	
12:45 - 13:00	Financial Strategies for Accelerating Service Delivery <i>Katie Judson</i>	
13:00 - 13:15	BOOST: Measuring surgical quality even when patients do not return <i>Nathan Congdon</i>	
13:15 - 13:30	Engaging corporate employees in fighting avoidable blindness <i>Carmen Choy & Kate Woodhead</i>	
13:30 - 13:45	Telemedicine for Sight Screening of Premature Babies <i>Jon Wild</i>	
13:45 - 14:00	2017 ICO Guidelines on Diabetic Retinopathy <i>Wanjiku Mathenge</i>	

RESEARCH & INNOVATION GRANTS



L'OCCITANE
EN PROVENCE

L'OCCITANE is committed to fight avoidable blindness. More than 2 million people have received eyecare through our programme UNION FOR VISION.



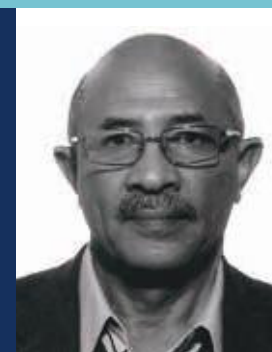
Let's reach our new goal:
10 million beneficiaries
by 2020

The L'OCCITANE Foundation is presenting its 2 new L'OCCITANE Sight Awards, **2 prizes of €50,000 each** to support research & innovation in eye care

DISCOVER THE 2 NEW AWARDEES!

Dr. WONDU GEBREMICAHEL

For his research project whose aim is to examine potential behavioral and environmental determinants in the prevalence of trachoma in Ethiopia



Dr. ZAREEN KHAIR

For her innovative integrated project which is improving the vision of women and children in rural areas of Bangladesh and thus reducing the gender gap



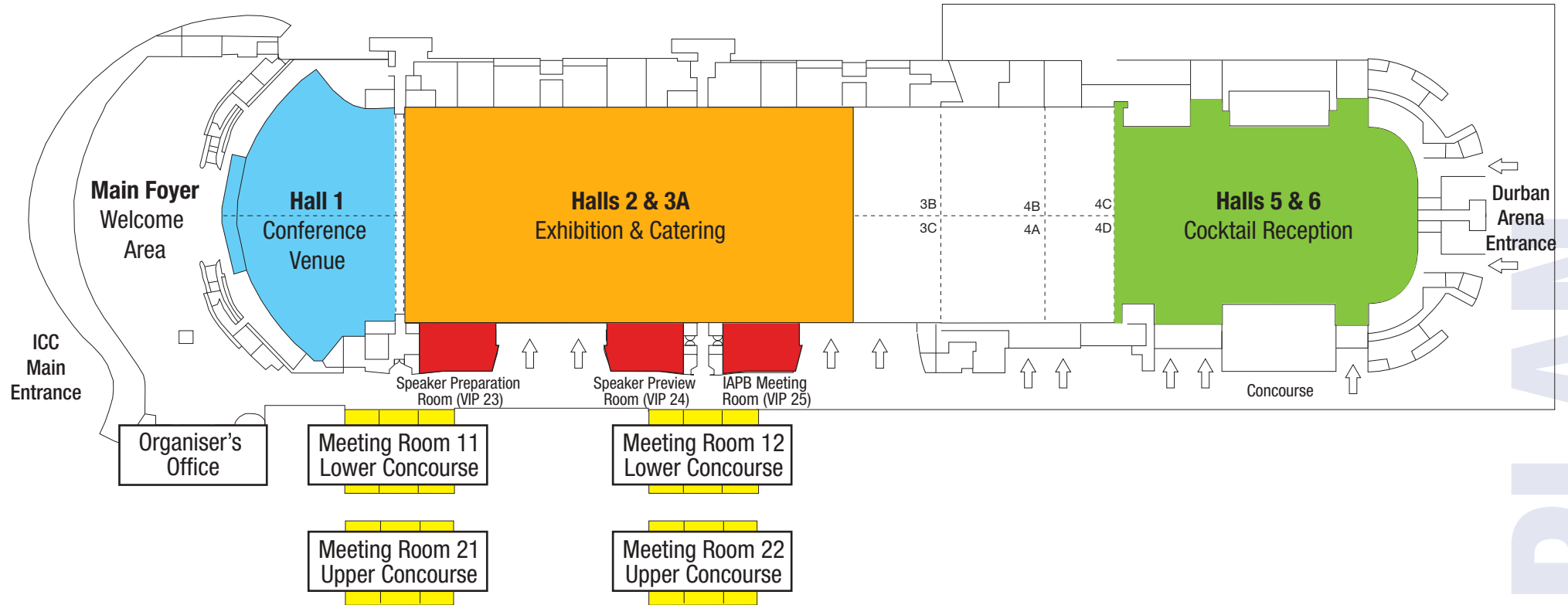
The award will be presented by Peter Ackland, IAPB CEO and Charlotte Bonnet, L'OCCITANE Philanthropy Manager, during the Celebration Ceremony, Oct 30th

L'OCCITANE en Provence is a natural cosmetic brand, developing authentic and natural body, face, and home products manufactured in France. Its Foundation also works with the senses and has chosen to support sight, participating in the fight against avoidable blindness worldwide.

For more information:
fondation.loccitane.com
unionforvision@loccitane.com



Fondation
L'OCCITANE



Don't forget our programme of Breakfast Sessions. Everything from DR to the role of volunteers. Get involved! Page 12

FLOORPLAN

26 Exhibitors' Hall



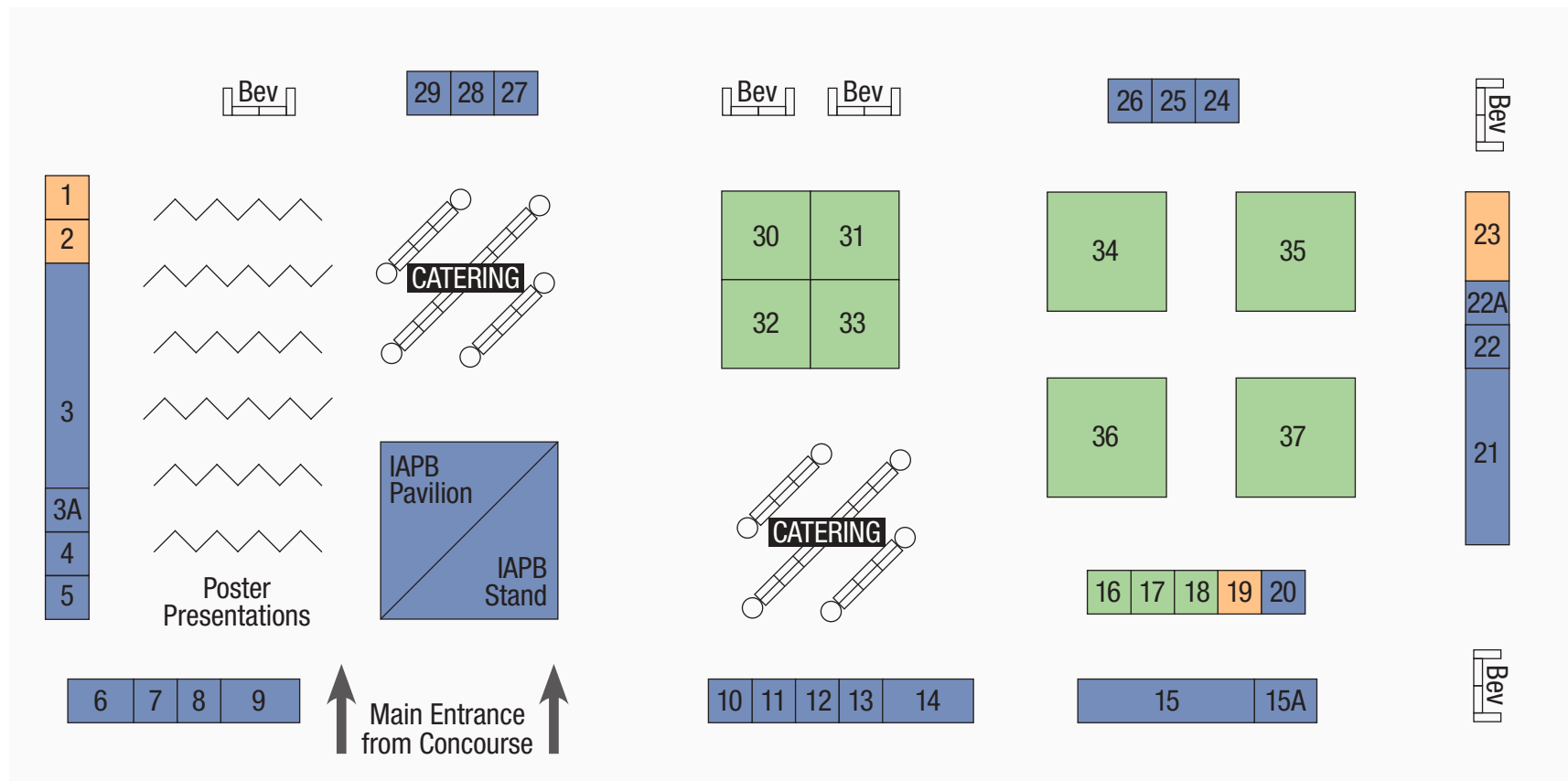
Exhibition Times

Friday 28th October
09:00 - 18:00

Saturday 29th October
09:00 - 18:00

Sunday 30th October
09:00 - 16:00

Sponsor Stands ■
Exhibitor Stands ■
Arts & Crafts ■



- 1** E'Yako Green
- 2** Switched on Trade
- 3** Genop Healthcare (Pty)
 - OCULUS Optikgerate GmbH
 - TAKAGI SEIKO CO
 - Abbott
 - Nidek
 - Canon Europa N.V.
 - Optovue
- 3A** OneSight
- 4** Alcon Laboratories SA (Pty)
- 5** DEEPAK Care

- 6** Aurolab
- 7** Medequip
- 8** Haag Strait
- 9** Keeler Ltd & Volk Optical Inc
- 10** Optomed Oy
- 11** International Centre for Eye Health
- 12** Peek Vision
- 13** RANZCO
- 14** Carl Zeiss Meditec AG
- 15** Eurotech Optical
- 15A** Pellucid Networks
- 16** International Council of Ophthalmology

27 Exhibitors' Hall



- 17** Helen Keller International
- 18** Vision Impact Institute
- 19** African Art Center
- 20** Elektron Technology
- 21** Appasamy Associates
- 22** Micromed International
- 22A** Topcon Europe Medical BV
- 23** KZN Blind & Deaf Society
- 24** Humanware Europe
- 25** Forus Health
- 26** Devine Meditech
- 27** Khosla Surgical Industries

- 28** FREY S.J
- 29** Al Basar International Foundation
- 30** Standard Chartered Bank /
Seeing is Believing
- 31** Bayer
- 32** L'OCCITANE Foundation
- 33** Lions Clubs International Foundation
- 34** Brien Holden Vision Institute
- 35** Mectizan Donation Program
- 36** Orbis International
- 37** CBM

LET US TAKE YOU ON A JOURNEY OF A LIFE TIME

Big 5 Safari

HIGHLIGHTS OF TOUR:

- Open Vehicle Game Drive
- Big 5 Safari
- Guided transfers through Zululand



12hrs | Price: **R 1980**

Pietermaritzburg

HIGHLIGHTS OF TOUR:

- Pietermaritzburg
- Gandhi heritage

6hrs | Price: **R 1300**

Durban City

HIGHLIGHTS OF TOUR:

- Botanical Gardens
- Indian
- Victoria Street Market
- uShaka Marine World
- Moses Mabhida Stadium

4hrs | Price: **R 825**

Valley Of 1000 Hills

HIGHLIGHTS OF TOUR:

- Guided tour up to the Valley
- Phezulu Safari Park
- Zulu Dancing
- Snakes and Crocs
- Shopping

5hrs | Price: **R 990**

Inanda Heritage

HIGHLIGHTS OF TOUR:

- Shembe Settlement of Ebuhleni
- Inanda Seminary School
- Ohlange Institut
- Phoenix Settlement
- Shisa Nyama
- Gandhi
- Mandela
- John Dube

7hrs | Price: **R 995**

Oribi Gorge

HIGHLIGHTS OF TOUR:

- Oribi Gorge Nature Reserve
- Wild 5 and Suspension Bridge
- Lake Eland Game Drive
- Guided Tour of South Coast and Gorge History

8hrs | Price: **R 1100**

Sani Pass Drakensberg

HIGHLIGHTS OF TOUR:

- Guided Transfers To Underberg
- 4x4 Adventure Up Pass
- Visit Lesotho and Basotho Village
- Highest pub in Africa
- Highest road in Africa

12hrs | Price: **R 2200**

3,4 or 5 Star | 5 Days | Cape Town

- **Day 1:** City Tour
- **Day 2:** Safari - Full day tour to Inverdoorn Game Reserve
- **Day 4:** Winelands Tour
- **Day 5:** Cape Town



Capetonian Hotel 3* **R 7530 / R 1206**
Strand Tower Hotel 4* **R 9980 / R 3400**
Pepperclub Hotel 5* **R 15,680 / R 8662**

** All Rates are PP

3 Days/ 2 Nights Victoria Falls

- **Day 1:** Sunset cruise
- **Day 2:** Visit of the Falls on the Zimbabwe side
- **Day 3:** Transfer to Victoria Falls airport



R9690 per person sharing
Single Supplement: **R 2250**

3 Days/ 2 Nights Kruger Safari

- **Day 1:** Transfer from Johannesburg to Hazyview • Elephant Encounter
- **Day 2:** Full Day 4x4 Game Drive
- **Day 3:** Morning at leisure • Return transfer to Johannesburg



R 7990 per person sharing
Single Supplement: **R 890**

3,4 or 5 Star | 3 Days | Cape Town

- **Day 1:** City Tour
- **Day 2:** Peninsula Tour
- **Day 3:** Cape Town



Capetonian Hotel 3* **R 3549** (Single Supplement R 605)
Strand Tower Hotel 4* **R 4200** (Single Supplement R 1700)
Pepperclub Hotel 5* **R 7250** (Single Supplement R 4330)

** All Rates are PP



Contact Aqua Tours and Transfers

- ✉ iapb10ga@aquatours.co.za
- ☎ +27 (0) 31 563 5003
- 📱 +27 (0) 79 693 9530

Symposium 1

BETTER HEALTH FOR AFRICA: THE CHALLENGE POSED BY THE CRITICAL SHORTAGE OF HEALTH WORKERS

Chair: Kovin Naidoo

In recent years, significant advances have been made to improve health in Africa but weak health systems and particularly the critical shortage of healthcare workers remain a major constraint to bringing better health care to millions of Africans. It is within this overall health context that we seek to establish sustainable eye care services.

Inspired by addresses from two African leaders in health and development, an all-African panel presents and discusses challenges and solutions to building sustainable health and eye health services in Africa, with a particular focus on addressing the critical shortage of African health workers generally and eye health workers specifically.

Speaker

Matshidiso Moeti	Regional Director, WHO Africa
Francis Omaswa	Executive Director, African Centre for Global Health and Social Transformation

Panel

Yoswa Dambisya	Director General, East, Central & Southern Africa Health Community
Ibrahim Matende	President, College of Ophthalmology of Eastern, Central and Southern Africa
Anguyo Dralega	President, African Council of Optometry

Hall: 1

Time: 09:00-10:30

Have you downloaded the 10GA App?

It's available on the iTunes App Store

and Google Play, and it offers you a fully

immersive 10GA experience

Course 1

LATEST RESEARCH UPDATES IN TRACHOMA CONTROL

Convener: Sheila West

The Trachoma community has made great strides in developing, testing, and using methods designed to achieve elimination by 2020. Mapping Trachoma has clarified the public health burden, potential surveillance tools are being developed, and new morbidity management tools are being tested. This course will present an update.

Speaker	Presentation
Sheila West	Introduction
Anthony Solomon	Global Trachoma Mapping Project
Diana Martin	Antibody testing in monitoring Trachoma control outcomes
Sheila West	Rational use of Azithromycin for Trachoma control
Emily Gower	Evaluation of a Trichiasis surgical simulation tool

Meeting Room: 11

Time: 11:00-12:30

Course 2

ONCHOCERCIASIS: LESSONS FOR AND FROM THE END-GAME

Convener: Adrian Hopkins

Sponsor: MDP

Meeting Room: 12

Time: 11:00-12:30



2025 has been set as a target to eliminate Onchocerciasis from most countries around the world. Africa is the most affected. What are the lessons learned so far and how can these lessons help control blinding disease?

Speaker	Presentation
Adrian Hopkins	Introduction
Elizabeth Elhassan	Where are we now and where will we be in 2025
Moses Katabarwa	The community: key to success
Martin Kollman	Strategies and tools for the end-game
Franca Olamiju	Cross-sectoral approaches
Adrian Hopkins	Lessons for other blinding diseases
Speakers + Tony Ukety	Q and A

Course 3

DIABETIC RETINOPATHY: EVIDENCE-BASED CLINICAL AND PUBLIC HEALTH CARE, PART 1**Conveners:** Tien Yin Wong & Silvio Mariotti

This course will cover current concepts in understanding the challenges, barriers and the management of Diabetic Retinopathy (DR). The course will also present the initial results of the assessment and the priorities for action in various countries, and discuss findings which might require joint and synergistic interventions at every level.

Speaker	Presentation
Tien Yin Wong	Global epidemiology and trends in DR
Silvio Paolo Mariotti	The WHO tool for assessment of DR and diabetes services
Tien Yin Wong	Evidence-based management of DR
Neeru Gupta	Challenges and barriers in implementing evidence-based care for DR in Canada and other developed countries
Mahi Muqit	Challenges and barriers in implementing evidence-based care in Africa and other developing countries
Babar Qureshi	Implementing the DR guidelines at a district level

Meeting Room: 21
Time: 11:00-12:30

Course 4

HOW TO EAT AN ELEPHANT: HUMAN RESOURCES FOR EYE HEALTH IN AFRICA

Hall: 1
Time: 11:00-12:30

Convener: Ronnie Graham

In Africa, population growth and the eye health needs of an ageing population are increasing faster than our capacity to train and deploy more eye health professionals. This course will introduce a number of recent success stories in scaling up training.

Speaker	Presentation
Ronnie Graham	Introduction
Mercia Cumaio	Scaling up mid-level 'technicos' in Mozambique
Aaron Megava	Scaling up ophthalmic nursing in Zimbabwe
Gerald Msukwa	Task-sharing: Cataract surgeons in Malawi
Mary Wepo	New optometry schools
Michael Ketema	The DESSO programme in Guinea
Ibrahim Matende	Scaling up training of ophthalmologists in COECSA countries
Alice Lehasa	Scaling up the workforce to address DR in Botswana
Boubacar Sarr	Integrating eye health into national HRH planning in Senegal
Joseph Oye	Advocacy for HReH in central Africa
Mollent Okech	Applying the WISN tool
Daksha Patel	Eye care training: needs and challenges

Gala Dinner

The 10GA Gala Dinner takes place at the Durban Botanic Garden and will showcase South African culture, cuisine and arts.

Time: 19.30 on Friday 28th



We have a full programme of presentations covering a wide range of issues for eye health including recent innovations, research findings, lessons learned, funding opportunities and more. They take place at the IAPB Pavilion in Hall 2/3A. See page 20

Course 5
FREE PAPERS
Chairs: Amanda Davis & Rohit Khanna

Meeting Room: 22
Time: 11:00-12:30

Speaker	Title
Samuel Watson	Remote interpretation of optic nerve head cupping from images acquired using a new low-cost retinal camera (epiCam) capable of being powered and operated from an Android-based mobile phone
Brandon Ah Tong	A New Horizon: planning blindness services in a person-centred world
Dhivya Ravilla Ramasamy	A successful strategy for scaling up training capacity within eye hospitals
Dhivya Ravilla Ramasamy	Integrating refractive services into existing outreach screening services – a successful model
Eden Mashayo	School eye health project in Bagamoyo District, Tanzania: achievements, challenges and way forward
Joao Furtado	A nine-year follow-up of Cataract surgical rates in Latin America
Rohit Khanna	Glaucoma-associated long-term mortality in a rural cohort from India: the Andhra Pradesh Eye Disease Study 2 (APEDS2)
Sanil Joseph	Effectiveness of telemedicine in identifying Diabetic Retinopathy cases compared with universal referral – a cluster-randomised trial
V Rajashekar	Retention of eye health workforce at remote rural areas – LVPEI experience

Don't forget we have a full social programme for you to get involved with. See pages 15 and 28 for full details

Course 6
MYOPIA: AN ALARMING PUBLIC HEALTH ISSUE
Conveners: Earl Smith & Kovin Naidoo

Myopia and its associated complications are already or fast emerging to be a public health issue in many parts of the world. The need to manage Myopia is urgent; this course will look at the role of environment and evidence for control.

Speaker	Presentation
Kovin Naidoo	Myopia and high Myopia – the size of the problem
Earl Smith	Myopigenesis – evidence for visual experience regulating eye growth
Monica Jong	Evidence for Myopia-control: optical, pharmaceutical and environmental strategies
Nathan Congdon	Role of community/school-based interventions/strategies
Tien Yin Wong	Interventions/strategies to manage complications of high Myopia
Silvio Paolo Mariotti	WHO report on Myopia: learning and recommendations

THIS IS
CPD/CET
ELIGIBLE

Course 7
SIGNS OF TRACHOMA AND SURGICAL TREATMENT FOR TRICHIASIS
Convener: Sheila West

This clinical session on Trachoma will consist of two parts: the WHO and the Global Trachoma Mapping Project (GTMP) assessment method (including practice trial with photographs) and HEADSTART surgery simulation tool. Followed by a session on complications and management of Trichiasis cases.

Speaker	Presentation
Sheila West	Introduction
Anthony Solomon	Training graders for the assessment of Trachoma in the field: GTMP
Amir Bedri and Emily Gower	Using novel technologies to train TT surgeons
Shannath Merbs	Managing complicated Trichiasis

THIS IS
CPD/CET
ELIGIBLE

Meeting Room: 22
Time: 14:00-15:30

Course 8

IMPLEMENTATION OF THE GAP 2014-19 IN THE AFRICAN REGION – THE WHO PLANNING TOOLS

Chair: Adam Ahmat

In this course, we show how ECSAT and WISN can be used by countries to evaluate national action plans in the context of GAP 2014-19.

Speaker	Presentation
Mollent Okech	Introduction to the WISN tool
Michael Gichangi	National Co-ordinator, Kenya
Oscar Debrah	National Co-ordinator, Ghana
Alice Lehasa	National Co-ordinator, Botswana

Hall: 1

Time: 14:00-15:30

Course 9

IMPROVING EYE CARE SERVICE DELIVERY

Chair: Suzanne Gilbert

There is growing recognition that a substantial proportion of unmet eye care needs could be fulfilled by more efficient and effective use of available eye care services. This course will present strategies, tools, and evidence for improving eye care service delivery.

Speaker	Presentation
Suzanne Gilbert	Introduction
Heidi Chase	Components of a service improvement programme
Sashipriya Karumanchi	Identifying high-gain intervention points
Asim Sil	Cultivating leadership support for improvement
Edson Eliah	Strengthening community engagement
Rajashekar Shekar	Improving clinical performance and efficiency
David Green	Building your financial sustainability plan
Juan Fransisco Yee	Collaboration to sustain impact of interventions
Andy Cassels-Brown, Cassie Thiel	Strategies to reduce cost, waste and environmental impact

Meeting Room: 11

Time: 14:00-15:30

Course 10

RAPID FIRE 1

Chairs: Claire Studley Scott & Janos Nemeth

Meeting Room: 12

Time: 14:00-15:30

Speaker	Title
Andrew Bastawrous	Six-year incidence of blindness and visual impairment in Kenya: Nakuru Eye Disease Cohort Study
Anthea Burnett	Willingness to pay for custom and ready-made spectacles in Cambodia
Claire Studley Scott	Strengthening child eye care services: a case of Botswana
Ganesh Babu Balu Subburaman	A novel approach for enhancing management of chronic eye conditions – lessons from using cloud-based registries in primary eye care centres in South India
Jialiang Zhao	2014 nine-province study on blindness and VI in China
Juan Batlle	Four-year follow-up of a SIBS-based MicroShunt for the surgical management of Glaucoma
Juan Batlle	The impact of International Council of Ophthalmology (ICO) examinations in the Latin America region
Mahi Muqit	Development of a new international test and training (iTAT) online platform for quality assurance and training support for Diabetic Retinopathy screening through <i>Seeing is Believing</i> projects
Marcia Zondervan	The VISION 2020 LINKS Programme – building human resources for eye health through mutually beneficial partnerships
Pankaj Vishwakarma	Assessing impact of Cataract surgery on the quality of life of people operated for Cataract in India
Qing Lu	Improving comprehensive eye care services by international eye professional training in rural China
Wei He	A county/township/village network for the prevention of blindness in Liaoning Province, China

THIS IS
CPD/CET
ELIGIBLE

Meeting Room: 21
Time: 16:00-17:30

Course 11

DEVELOPING A HIGH-QUALITY GLAUCOMA SERVICE IN AFRICA

Convener: Fatima Kyari

This course will describe the challenges and solutions of Glaucoma care in Africa, including training initiatives and a model for high-quality Glaucoma service in the region.

Speaker	Presentation
Fatima Kyari	Epidemiology of Glaucoma in Africa
Rita Momoh	Challenges
Mohammed Abdull	Possible solutions – motivational interviewing
Kunle Hassan	Possible solutions – training
Andrew Bastawrous	Possible solutions – ICT
Adeola Onakoya	Development of a model service for Glaucoma
Hannah Faal, David Friedman, Dan Kiage, Leon Herndon, Neeru Gupta	Panel discussion Gearing towards next steps/ recommendations as a follow-up on discussions

Course 12

DIABETIC RETINOPATHY: A GLOBAL DISEASE IN LOCAL COMMUNITIES, PART 2

Conveners: Silvio Paolo Mariotti & Tien Yin Wong

This is the second part of the session from the morning, looking at diabetes management and eye health, especially in developing countries, with an emphasis on DR management models from settings with limited resources.

Speaker	Presentation
Linda Hill	Integrating eye health screening into diabetic management in low- and middle-income countries
Nathan Congdon	What model NGO programmes can teach us about managing diabetic eye disease in areas of limited resources
Nick Kourgialis	The role of prevention and the challenge of patient compliance in addressing DR
Sareh Safi	DR management in EMRO
Juan Carlos Silva	DR management in PAHO
Bernadetha Shilio	DR management in Tanzania

Meeting Room: 22
Time: 16:00-17:30

THIS IS
CPD/CET
ELIGIBLE

Course 13

INTEGRATING EYE HEALTH INTO SCHOOL HEALTH PROGRAMMES

Convener: Hasan Minto **Chair:** Amanda Davis

Health (including visual) is inextricably linked to school achievement, quality of life and economic productivity. With increasing prevalence of eye health problems in children, it is imperative that services are available as early and as effectively as possible.

Speaker	Presentation
Kovin Naidoo	The challenge and the service delivery model – ‘Our Children’s Vision’
Hasan Minto	School eye health screening guidelines
Ving Fai Chan	Health promotion – using a child-to-child approach
Jorge Machado	Screening and refractive errors of school-age kids in Mexico
Daveena Brain	Advocacy for integration of child eye health into school health programmes
Clare Gilbert	Monitoring and evaluation of school health programme

Hall: 1
Time: 16:00-17:30

THIS IS
CPD/CET
ELIGIBLE

Course 14

EYE CARE NEEDS IN EMERGENCIES

Convener: Valerie Scherrer

Climate change, conflict, urbanization, growing population across the globe leads to an increase in natural and man-made hazards. Emergency risk management for health sector is clearly defined through a number of guidelines; however, there is very little related to eye health. The course will also discuss preparedness for emergencies and look at roles and responsibilities.

Speaker	Presentation
Valerie Scherrer	Introduction to the emergency context and humanitarian framework
Jerry Vincent	Experience of eye health providers in refugee camps
Brigitte Hudicourt	Haiti earthquake: role of eye health providers and triggers for improved strategy on prevention of blindness
Kola Ogundimu	Response to the eye complications resulting from the Ebola crisis in Sierra Leona and Liberia

Meeting Room: 11
Time: 16:00-17:30

Course 15

FREE PAPERS 2

Chairs: GV Murthy & Serge Resnikoff

Meeting Room: 12
Time: 16:00-17:30

Speaker	Title
Gillian Cochrane	Addressing uncorrected refractive error: lessons learned from the field that can shape programming and community change
Jambi Garap	Prevalence of Trachoma in six districts of Papua New Guinea – Global Trachoma Mapping Project
Judith Stern	Enabling global eye health educators through an online academy
Md Johurul Islam	Generating evidence for programme planning – Rapid Assessment of Avoidable Blindness (RAAB) in Bangladesh
Noela Marie Prasad	Cataract surgery surveillance system at 13 provincial eye units in Vietnam
Sampa Paul	Addressing refractive error in children, especially girls in the urban slums of Kolkata – a spectacle compliance study
Serge Resnikoff	The global SAFE implementation calculator – refining costs estimates for implementing the SAFE strategy to eliminate Trachoma as a public health problem
Venkata Murthy Gudlavalleti	Prevalence and causes of blindness and visual impairment in Sri Lanka: evidence from the first national survey of blindness and visual impairment in Asia's emerald isle
Venkata Murthy Gudlavalleti	Evidence, advocacy, persistence and perseverance: essential pillars in The Queen's Trust-supported programme for integrating screening of Diabetic Retinopathy in the government health systems in India

AFRICAN Vision and Eye Health

www.avehjournal.org



The *African Vision and Eye Health* (AVEH) journal celebrates its third year as the leading eye health Journal on the African continent following a successful name change and rebranding process.

We are calling upon all researchers in the field of eye health to join the AVEH journal to share research outcomes as well as clinical management skills for the gain of all.

AVEH is the only peer-reviewed journal of its kind to be subsidy-accredited by the Department of Higher Education and Training of South Africa. AVEH publishes original peer-reviewed papers of scientific and clinical research in optometry, ophthalmology, vision science and other related fields.

OPEN ACCESS

Picture: © Brien Holden Vision Institute



(RSA) 086 1000 381

(International) +27 21 975 2602

submissions@avehjournal.org

Poster Presentations

Coffee, Lunch and Tea Time, Exhibitors' Hall

- 1** Sustainable global availability of scleral contact lenses: Africa project
A. Philip Aitsebaomo
- 2** The biggest challenges faced by the national eye health plan 2014-2019 in Libya
Abubaker Ataib Traina
- 3** Why doesn't eye care get the attention it deserves in Nigeria? A Shiffman and Smith framework analysis
Ada Ejealor Agbaji
- 4** "Al-Basar" child eye health programme
Adel Aziz Rushood
- 5** "Al-Basar International Foundation" A 27-year story in the prevention of blindness
Adel Aziz Rushood
- 6** HR development "Al-Basar Experience"
Adel Aziz Rushood
- 7** Situational analysis of eye care services in South Sulawesi
Ahmad Ashraf Amalius
- 8** Barriers and facilitating factors to accessing Cataract surgical services in bilaterally Cataract blind patients in Southern India
Anika Amritanand
- 9** Keys to success in delivering effective outreach optometry services in remote Australia
Anna Morse
- 10** Not lost in translation: translating research outcomes into practice in a primary health care setting
Anna Morse
- 11** Providing refractive error services through public/private partnership: The Ghana Experience
Anne Ebri
- 12** Reducing avoidable blindness and visual impairment in urban slums of Federal Capital Territory in Nigeria
Anne Ebri
- 13** Using lean six sigma for increasing throughput efficiency at a tertiary care eye hospital in north India
Arun Kumar Arora
- 14** Bacterial contamination of multidose ophthalmic medications and drug susceptibility patterns at the ophthalmology department, University of Gondar Hospital, north-west Ethiopia
Asegedech Tsegaw Woredekal
- 15** Prevalence and associated factors of visual Impairment among school children, Gondar town, north-west Ethiopia
Ayanaw Tsega Ferede

- 16** Prevalence and determinants of active Trachoma among pre-school children, Denbia district, north-west Ethiopia
Ayanaw Tsega Ferede
- 17** Eye findings in post-Ebola survivors in Liberia
Baxter Franklin McLendon
- 18** The prevalence of childhood visual impairment in Yaounde, Cameroon
Bella Assumpta Lucienne
- 19** Establishing quality community and patient-centered Cataract surgical services in Ghana
Boateng Wiawe
- 20** Operation Eyesight Universal's child eye health project in Kenya
Boateng Wiawe
- 21** Operation Eyesight Universal's comprehensive eye care model contribution to elimination of blindness in the Rift Valley region in Kenya
Boateng Wiawe
- 22** Assessment of the prevalence and etiology of ocular trauma and visual outcomes in severe ocular trauma at a tertiary eye care center
Col. Dr. Madan Deshpande
- 23** Predictive value of various IOL power calculation formulae used in paediatric Cataract surgery
Col. Dr. Madan Deshpande
- 24** An evaluation of patient comprehension of disease and treatment advice, and its impact on compliance to follow up among patients newly diagnosed with primary open angle Glaucoma
Dhivya Ravilla Ramasamy
- 25** Role of Participatory Approach to Community Eye Health in Elimination of Avoidable Blindness
Kashinath Bhoosnurmath
- 26** Evaluation of factors influencing patient compliance in management of Diabetic Retinopathy
Dr. Kuldeep Dole
- 27** Trend of Cataract prevalence in the adults over 50 years old in some provinces of Vietnam from 2000-2015
Duong Anh Vuong
- 28** Quality improvement on developing the Cataract diagnosis and treatment guideline
Duong Anh Vuong

Poster Presentations

- 29** The success of VOSH International's technology transfer programme (TTP) to provide ophthalmic equipment and supplies to optometry schools and sustainable clinics in developing countries
Ellen Louise Weiss
- 30** Knowledge, attitudes and practice of parents and teachers on refractive errors in school-age children in Yaoundé III district
Emilienne Epee
- 31** Enhancing ophthalmic education and improving access to high-quality eye care
Emilienne Epee
- 32** Planning eye health in low- and middle-income countries: lessons from eye health systems assessments in two francophone West African settings
Eric Badu
- 33** Glaucoma at first presentation at University of Gondar Hospital, north-west Ethiopia
Fisseha A Ayele
- 34** Quality of life and associated factors among patients with Glaucoma attending University of Gondar Hospital, north-west Ethiopia
Fisseha A Ayele
- 35** Eye InfoBase: an innovative approach in building global repository of blindness and morbidity data by Lions Institute of Community Ophthalmology (LAICO), India
Ganesh-Babu Balu Subburaman
- 36** Strengthening ophthalmology resident training in Cambodia
Gerhard Schlenther
- 37** The cost of the treatment of Diabetic Retinopathy by Argon laser in Yaoundé, Cameroon
Godfroy Koki
- 38** Knowledge, attitude, practice and associated factors towards spectacles use in the adult population of Gondar town, north-west Ethiopia
Gudeta Alemayehu Desalegn
- 39** Vision Centres model – sustainable impact on the RE services development in the public sector of Vietnam
Ha Thanh Phuong
- 40** Cataract in Kurdistan, Iran; surgical coverage and outcome
Hanieh Delshad-Aghdam

continues on page 50



AFRICAN ART CENTRE
Est. 1959

94 Florida Road, Morningside, Durban 4001
Mon. - Fri. 8.30 am - 5 pm. | Sat. 9 am - 3 pm
T: 031 312 3804/5 | F: 031 312 3818
africanartcentre@afri-art.co.za
www.afriart.org.za | Section 21, Not for gain



**WE
SAVE
SIGHT**

 **Lions Clubs International
FOUNDATION**

Visit our booth at the
10GA Exhibition Hall

46 Day 1 – Fri 28th; Full Programme at a Glance

07:30-08:45	Breakfast Sessions	Rooms 11 & 12
09:00-10:30	Symposium 1: Better health for Africa: the challenge posed by the critical shortage of health workers	Hall 1
10:30-11:00	Coffee & Poster Presentations	Exhibitors' Hall
10:45-16:00	Ancillary programme of presentations covering a wide range of issues for eye health. See page 20-22 for full details	IAPB Pavilion
11:00-12:30	Course 1: Latest research updates in Trachoma control	Room 11
	Course 2: Onchocerciasis: lessons for and from the end-game	Room 12
	Course 3: Diabetic Retinopathy: evidence-based clinical and public health care, Pt 1	Room 21
	Course 4: How to eat an elephant: human resources for eye health in Africa	Hall 1
	Course 5: Free Papers 1	Room 22
12:30-14:00	Lunch & Poster Presentations	Exhibitors' Hall
14:00-15:30	Course 6: Myopia: an alarming public health issue	Room 21
	Course 7: Signs of Trachoma and surgical treatment for Trichiasis	Room 22
	Course 8: Implementation of the GAP 2014-19 in the African region – the WHO planning tools	Hall 1
	Course 9: Improving eye care service delivery	Room 11
	Course 10: Rapid Fire 1	Room 12
15:30-16:00	Tea & Poster Presentations	Exhibitors' Hall
16:00-17:30	Course 11: Developing a high-quality Glaucoma service in Africa	Room 21
	Course 12: Diabetic Retinopathy: a global disease in local communities, Pt 2	Room 22
	Course 13: Integrating eye health into school health programmes	Hall 1
	Course 14: Eye care needs in emergencies	Room 11
	Course 15: Free Papers 2	Room 12

47 Day 2 – Sat 29th; Full Programme at a Glance

07:30-08:45	Breakfast Sessions	Rooms 12, 21/2
09:00-10:30	Symposium 2: The SDGs and resourcing Goal 3: 'Ensure healthy lives and promote well-being for all at all ages'	Hall 1
10:30-11:00	Coffee & Poster Presentations	Exhibitors' Hall
10:45-16:00	Ancillary programme of presentations covering a wide range of issues for eye health. See page 20-22 for full details	IAPB Pavilion
11:00-12:30	Course 16: Building from the bottom up: primary eye care and GAP	Hall 1
	Course 17: Child eye health: we do what it takes!	Room 11
	Course 18: Optometric clinical practice	Room 21
	Course 19: Global perspectives on workforce challenges to meet VISION 2020 goals	Room 22
	Course 20: Free Papers 3	Room 12
12:30-14:00	Lunch & Poster Presentations	Exhibitors' Hall
14:00-15:30	Course 21: Glaucoma clinical care	Room 21
	Course 22: Inclusive eye health	Room 11
	Course 23: Health Management Information Systems (HMIS)	Room 22
	Course 24: Sustainable Development Goals (SDGs) and eye health	Hall 1
	Course 25: Rapid Fire 2	Room 12
15:30-16:00	Tea & Poster Presentations	Exhibitors' Hall
16:00-17:30	Course 26: How do I scale up my Cataract surgical programme?	Hall 1
	Course 27: Uncorrected refractive errors	Room 21
	Course 28: Age-Related Macular Degeneration	Room 22
	Course 29: Health financing and universal eye health	Room 11
	Course 30: Free Papers 4	Room 12

48 Day 3 – Sun 30th; Full Programme at a Glance

07:30-08:45	Breakfast Sessions	Rooms 12 & 21
09:00-10:30	Symposium 3: Global Burden of Disease and future trends	Hall 1
10:30-11:00	Coffee & Poster Presentations	Exhibitors' Hall
10:45-16:00	Ancillary programme of presentations covering a wide range of issues for eye health. See page 20-22 for full details	IAPB Pavilion
11:00-12:30	Course 31: Low vision: programme challenges	Room 21
	Course 32: Quality in Cataract surgical training and service	Room 22
	Course 33: Global Burden of Disease: new data	Room 11
	Course 34: Innovation in eye care	Hall 1
	Course 35: Free Papers 5	Room 12
12:30-14:00	Lunch & Poster Presentations	Exhibitors' Hall
14:00-15:30	Course 36: Retinopathy of Prematurity: the third epidemic	Room 21
	Course 37: Ocular therapeutics	Room 11
	Course 38: Equity and eye health	Room 22
	Course 39: Universal eye health: a Global Action Plan	Hall 1
	Course 40: Rapid Fire 3	Room 12
15:30-16:00	Tea & Poster Presentations	Exhibitors' Hall

10GA Breakfast sessions begin at 7.30 every morning. Sessions include: Low Vision, Diabetic Retinopathy, Our Children's Vision, Human Resources for Eye Health, the Role of Volunteers, Refractive Error, & the Gender Gap

2.5 BILLION PEOPLE WORLDWIDE NEED VISION CORRECTION AND STILL REMAIN UNCORRECTED.



THROUGH EVIDENCE-BASED RESEARCH AND REPORTS, THE VISION IMPACT INSTITUTE AIMS TO BRING AWARENESS TO THE IMPACT OF UNCORRECTED REFRACTIVE ERROR (URE) AND THE NEED FOR VISUAL CORRECTION AND OVERALL VISUAL HEALTH. LET'S WORK TOGETHER TO ADDRESS URE BY *GIVING VISION A VOICE*.

VISIONIMPACTINSTITUTE.ORG



Boston Consulting Group analysis of data from United Nations Development Programme, Worldbank, CIA World Factbook, World Resource Institute.

 VISION IMPACT INSTITUTE™
Giving Vision a Voice

Poster Presentations

- 41** Stronger Together – DR-NET: a network to tackle the burden of Diabetic Retinopathy in 13 low- and middle-income countries
Heiko Philippin
- 42** Pattern of ocular trauma at University of Gondar Hospital, north-west Ethiopia
Helen Sisay Wondemaghegn
- 43** Social change in health-seeking behaviour through facilitated film screening
Helen White
- 44** Creating a community eye system; a grassroots approach
Hendra Kusuma
- 45** Pseudophakic Motivators (PPMs) to increase Cataract surgery uptake in the remote rainforests of the Republic of Congo (ROC)
Henri Samoutou
- 46** Factors associated with Diabetic Retinopathy requiring treatment on fundal photography in participants of the Cape Town Diabetic Retinopathy Screening Programme
Henry George Alexander
- 47** Using the STROBE statement to assess reporting in blindness prevalence surveys in low- and middle-income countries
Jacqueline Ramke
- 48** Prevalence of Diabetic Retinopathy in patients with Type 2 Diabetes Mellitus referred from a public health network to a tertiary ophthalmology institute in northern Peru
Jaime Humberto Huamán
- 49** Introducing continuous professional development (CPD) in an emerging optometry profession in Zambia
Karen Sparrow
- 50** Providing access to refraction services and affordable spectacles through a public sector vision centre in Botswana
Karen Sparrow
- 51** Don't let your patients go up in smoke – incorporate smoking cessation into your practice
Janet L Leasher
- 52** Increasing access to ophthalmic information in the developing world: results of an impact assessment on a capacity building programme for eight vision science librarians
Katherine M Judson
- 53** Increasing the capacity of 25 eye institutions through the Global Sight Initiative intervention: cost and productivity at four years
Katherine M Judson

- 54** Prevalence of refractive errors in the INK area of Durban, South Africa
Khathutshelo Percy Mashige
- 55** Recruitment and retention of public sector optometrists in Kwazulu-Natal Province, South Africa
Prasidh Ramson
- 56** A Rapid Assessment of Refractive Errors (RARE) study to determine the prevalence of refractive errors, Presbyopia and spectacle coverage among adults (15+) in Bogotá, D.C, Colombia
Kovin Naidoo
- 57** Sightless and limbless: the tragic dual disabling legacy of landmines and cluster munitions
Larry Schwab
- 58** The prevalence of self-reported vision difficulty in economically disadvantaged regions of South Africa
Lene Øverland
- 59** Gaps in essential retinoblastoma care in Africa
Lindsay Hampejsková
- 60** Launch of the Diabetic Retinopathy screening services in Jamaica as part of a VISION2020 LINK – DR Network
Lizette Mowatt
- 61** The knowledge, beliefs and practices of patients with Diabetic Retinopathy at the University Hospital of the West Indies (UHWI), Kingston, Jamaica
Lizette Mowatt
- 62** Multi-disciplinary HBPs: great tool to enhance skills of eye professionals in developing countries
Marlyanti Nur Rahmah
- 63** A study of the role of telemedicine-enabled rural vision centres in enhancing eye care coverage – a retrospective study in a south-Indian district
Mohammed Gowth Amanullah
- 64** Health care utilization by the resident of blind school children in Bangladesh
Nahid Ferdousi
- 65** Inter-observer variation in evaluation of fundus with non-mydiatic cameras for Diabetic Retinopathy screening by nurse technicians and ophthalmologists
Nancy Suárez
- 66** BOOST software – an innovative solution for monitoring surgical outcomes and producing quality data in low-resourced hospitals
Nathan Congdon

E'Yako Green

We hope you are enjoying your bag which helped create jobs and care for the environment in South Africa. Thank you IAPB. We invite you to visit our stand for more upcycled products and beautiful hand crafted gifts.



Think green. Think local. Think us!

t: +27 83 262 4068 (Antoinette)
+27 72 180 5401 (Carey)
e: info@eyako.co.za

www.ekoeearth.co.za

Switched On Trade - Women in Beads

We welcome delegates to visit our stand to find a beautiful locally made outfit for your African Elegance evening! Celebrate in true African style while supporting our talented designers and crafters.



SWITCHED ON TRADE
WOMEN IN BEADS

Contact Agnes Mhlongo
+27 31 777 8031 | 82 074 8402
Qwadi-Nyuswa Reserve, Mnamatha Road
Botha's Hill 3660, KwaZulu Natal, R.S.A.
Email: womeninbeads@gmail.com

www.womeninbeads.com

53 Day 1 - Friday 28th



Poster Presentations

- 67** Human resource development for eye care: a review of the training, support and engagement of mid-level ophthalmic personnel
Nicole Shao-Yuen Lim
- 68** Assessment of paediatric eye care practice among optometrists in Nigeria
Onyekachukwu Mary-Anne Amiebenomo
- 69** Ocular biometry and their heritability in twins in a hospital-based cohort in south India
Padma Paul
- 70** Prevalence and risk factors of lens opacities in the 1969-73 Vellore birth cohort at a peri-Presbyopic age group
Padma Paul
- 71** Outcome of paediatric Cataract surgery and its determinants in copper belt province of Zambia
Parikshit Gogate
- 72** Outcomes of congenital and developmental Cataracts operated in Durban, South Africa
Parikshit Gogate
- 73** Eye care delivery in south-eastern European region
Petja Ivanova Vassileva
- 74** Prevalence and causes of childhood blindness in Bulgaria
Petja Ivanova Vassileva
- 75** *Intentionally blank*
- 76** Visual acuity screening in schools: a systematic review of alternate screening methods
Priya Adishesha Reddy
- 77** Predictors for spectacle wear in children randomized to conventional ready-mades or custom-spectacles in Bangalore, India
Priya Morjaria
- 78** Spectacle wearing and reasons for non-wear in children randomized to conventional ready-made or custom-made spectacles in Bangalore, India
Priya Morjaria
- 79** The 'Eye Health Promoter' model: a new strategy for first-stage vision screening of elders in Nuwara Eliya district, Sri Lanka
Rachel Coghlan

Poster Presentations

- 80** Impact of vision impairment and self-reported barriers to vision care: the views of elders in Nuwara Eliya, Sri Lanka
Rachel Coghlan
- 81** Assessment of optometry services in Mozambique
Ramos Antonio Manuel
- 82** Resilience in Diabetic Retinopathy and its effect over coping and mental health status among Indian diabetic patients
Ranjan Pattnaik
- 83** Reaching the unreached
Reena Sethi
- 84** The impact of using non-mydriatic retinal cameras for Diabetic Retinopathy screening in the health system network in northern Peru
Rosa Elena Adrianzén
- 85** Assessment of visual impairment and refractive error among school-aged children in South Darfur state of Sudan
Saif Hassan Alrasheed
- 86** Changes in distance visual acuity across the lifespan for individuals with intellectual and developmental disability
Sandra Stein Block
- 87** Patients' perspectives of eye care services made available by Operation Eyesight's partner hospitals in India: patient satisfaction study conducted using an international tool
Santosh Moses
- 88** An innovative multi-organisational capacity building intervention to improve eye care delivery and introduce sustainable change at a large public eye care hospital in Peru
Scott Burg
- 89** Time from identification to surgery for childhood Cataract at tertiary hospitals in India
Sheeladevi Sethu
- 90** Rapid Assessment of Avoidable Blindness (RAAB) in Tarlac Province, Philippines
Shelley Ann Mier Mangahas
- 91** A snapshot of the first optometry students in Vietnam
Suit May Ho
- 92** Basic refraction training for ophthalmologists to address uncorrected refractive errors
Suit May Ho

- 93** Prevalence and causes of severe visual impairment and blindness amongst children in Ntungamo District, south-western Uganda; a prospective community-based survey
Simon Arunga
- 94** Role of female entrepreneurs in increasing access to primary eye health services in Pakistan
Sumrana Yasmin
- 95** Obstacles and opportunities for restoring sight in children in KwaZulu-Natal
Susan Levine
- 96** Understanding delayed presentation of paediatric Cataract treatment: a case study from Kitwe Central Hospital, Zambia
Susan Levine
- 97** Final results of the field testing project to pilot World Health Organization (WHO) eye health indicators in Latin America
Van C. Lansingh
- 98** The impact on eye health knowledge and awareness of the Bariadi community using a child-to-child approach strategy
Ving Fai Chan

Don't forget to use the 10GA App

Did you know we have an interactive app that you can use to plan, organise and communicate with fellow attendees? Everything you need, from live activity streams to the full programme of courses, Breakfast Sessions, speakers and sponsors is all available in the palm of your hand. Are you using it? If so, please tell your colleagues about it. If not, download it now to enjoy the full 10GA experience.



The 10GA App is available to download and use now...



Symposium 2

THE SDGs AND RESOURCING GOAL THREE: 'ENSURE HEALTHY LIVES AND PROMOTE WELL-BEING FOR ALL AT ALL AGES'

Chair: Matshidiso Moeti

The Sustainable Development Goals (SDGs) set the goals, targets and indicators that will frame global development for the next 15 years. This ambitious agenda poses key questions about the resources needed to make the SDGs a reality.

Following an address from Mr David Donoghue, who co-chaired the final development phase of the SDG framework, senior representatives from the World Bank and The East, Central & Southern Africa Health Community will provide their perspective on financing the implementation of the health goal. Subsequently a representative of the private sector will outline the contributions made by their organisation to funding eye health and the challenges and opportunities that they see.

Speaker

David Donoghue	UN Permanent Representative of Ireland / UN appointed co-facilitator for Post-2015 negotiations
Tim Evans	Senior Health Specialist, the World Bank
Yoswa Dambisya	Director General, East, Central & Southern Africa Health Community
Vasuki Shastry	Global Head of Public Affairs & Sustainability, Standard Chartered Bank

Hall: 1

Time: 09:00-10:30

We have hundreds of Poster Presentations taking place throughout 10GA. They are all listed in this programme and run each day during every coffee, lunch and tea break

Course 16

BUILDING FROM THE BOTTOM UP: PRIMARY EYE CARE AND GAP

Conveners: Renee du Toit & Ronnie Graham

WHO regards Primary Eye Care as central to the delivery of the Global Action Plan (GAP) and this course will outline how the different IAPB regions are approaching this challenge.

Speaker

Presentation

Elena Schmidt	The burden of ocular morbidity at the primary level
Wanjiku Mathenge	Introducing new PEC algorithms in Africa
Haroon Awan	EMR Primary Eye Care learning resource
Haroon Awan	PEC in Pakistan
Juan Carlos Silva	Varieties of PEC in Latin America
Andrew Bastawrous	PEEK and PEC
Max Presente	Building PEC in the national health system of Rwanda

Hall: 1

Time: 11:00-12:30

Course 17

CHILD EYE HEALTH: WE DO WHAT IT TAKES!

Convener: Rahul Ali **Chair:** Marion Scher

Sponsor: Orbis

This course will cover the salient features of effective child eye health interventions. Topics like gender, equity, and the role of traditional healers impact our programmes on a child's life and will be discussed in a unique, interactive format.

Panelists

Susan Levine
Nathan Congdon
Parikshit Gogate
Kangwa Inchengelo Mulenga Muma

Each topic will be introduced by an impact video that will set the scene for detailed discussion by the panel.

Meeting Room: 11
Time: 11:00-12:30



Course 18
OPTOMETRIC CLINICAL PRACTICE

Convener: Tuwani Rasengane

The optometric practitioner faces a vast array of clinical issues at any given time. These issues are very often set aside due to lengthy chair time required for assessment and limited resources available from patients to acquire feasible solutions. This course looks at addressing some of them.

Meeting Room: 21
Time: 11:00-12:30

THIS IS
CPD/CET
ELIGIBLE

Speaker	Topic
Alvin Munsamy	Accurate binocular vision assessment without specialised equipment
Hasan Minto	Education of children with low vision
Dhanes Thomas	Prescribing in inflammatory eye disease

Course 19
GLOBAL PERSPECTIVES ON WORKFORCE CHALLENGES TO MEET VISION 2020 GOALS

Convener: Babar Qureshi

This session will highlight a global model for training and assessment to develop a special cadre of eye care team that can be used in the developing and developed worlds.

Meeting Room: 22
Time: 11:00-12:30

Speaker	Presentation
Ivo Kocur	WHO GAP and the definition of Allied Ophthalmic Personnel (AOP)
Babar Qureshi	The Cambridge declaration and its implementation
Eydie Miller-Ellis	Current and future trends facing our eyecare workforce
Suzanne Gilbert	Part 1: a qualitative study of 15 global AOP programmes
Victoria Sheffield	Part 2: a qualitative study of 15 global AOP programmes
Karl Golnik	A global model for training your eye care team
Jayabaskar Thiagarajan	Competency assessments for your eye care team
William Astle, Santa Heede, Wanjiku Mathenge	Case studies and demo of training and assessment model: Canada, Europe and Africa

Course 20
FREE PAPERS 3

Chairs: Kovin Naidoo & Daksha Patel

Meeting Room: 12
Time: 11:00-12:30

Speaker	Title
Daksha Patel	Strengthening eye care service provision through online education: case studies
Fabrizio D'Esposito	Impact evaluation of a school eye health education programme in Cambodia
Fortunate Simon Shija	Experience of using microfinance groups as a strategy to increasing number of women receiving eye care
Franklin Daniel	Hospital-based community eye health programme – an effective model to eliminate avoidable blindness on a sustainable basis
Kovin Naidoo	Near-vision correction and worker productivity in the clothing industry
Lutful Husain	Effect of cell phone voice message service to the adherence of post-operative follow-up in paediatric Cataract patients
Paddy Buteraba Musana	Findings of a Rapid Assessment of Avoidable Blindness (RAAB) in Botswana
Wondu Alemayehu	Fluorometholone 0.1% as perioperative adjunct therapy for lid-rotation surgery in Trichomatous Entropion and Trichiasis, dose-varying study
Yeni Lestari	Primary health centre-based screening for Diabetic Retinopathy – a new model for Jakarta, Indonesia

Do you want to send a message to another delegate? Then you need our 10GA app so you can get in contact privately. See page 55

Course 21

THIS IS
CPD/CET
ELIGIBLE

Meeting Room: 21
Time: 14:00-15:30

GLAUCOMA CLINICAL CARE

Convener: David Friedman

This course will provide an update on clinical care for Glaucoma patients. Glaucoma is the second leading cause of blindness globally and the most common cause of irreversible blindness. Current diagnostic approaches as well as recent clinical research outcomes will be reviewed with opportunities for discussion.

Speaker	Presentation
Ronnie George	The burden of Glaucoma: how will we handle the massive increase in cases?
Neeru Gupta	ICO guidelines for Glaucoma care
Dan Kiage	How to use visual fields in clinical practice
Ramanjit Sihota	Relevance of major clinical trials in Glaucoma care today
Anja Tuulinen	How does Glaucoma affect our patients?
David Friedman	Systems to monitor patients at lower cost
Leon Herndon	Innovations in Glaucoma surgery

Course 22

INCLUSIVE EYE HEALTH

Conveners: Babar Qureshi & David Lewis

Sponsor: CBM

It is essential that everyone working in eye health, including planners, providers, evaluators and funders, understand key steps they can take at their own level, to build inclusion for all people. This course will help participants understand key principles and practices to ensure access and inclusion to eye health.

Speaker	Presentation
David Lewis	Inclusive eye health overview
Babar Qureshi	Inclusive eye health in Pakistan
Karin van Dijk	Facilitation of inclusive eye health by low-vision services for people with different disabilities
Manfred Morchen	Experiences from Asia (Vietnam/Indonesia/Cambodia)
Karl Golnik	Inclusive curricula in eye care
Speakers + Daud Khan, Kirsty Smith – Panel discussion	

Meeting Room: 11
Time: 14:00-15:30


Course 23

Meeting Room: 22
Time: 14:00-15:30

HEALTH MANAGEMENT INFORMATION SYSTEMS (HMIS)

Convener: Juan Carlos Silva

This course describes the integration of eye care indicators in the national health information systems. Speakers will address which information is feasible to include in the national health information systems, mechanism of inclusion, coverage of data collection, lessons learned, challenges and barriers.

Speaker	Presentation
Serge Resnikoff	The Importance of Ministries of Health (MoH) collecting and reporting on eye care indicators
Ivo Kocur	Which are the core indicators that WHO member states need to report on?
Simon Day	IAPB Africa HMIS 2016
Ismatullah Chaudry	EMRO: regional perspective and one country best practices
Juan Carlos Silva	AMRO: regional perspective and best practices from Colombia
Van Lansingh	Role of national committees in supporting MoH in data collection and reporting
Speakers	Panel discussion

Course 24

Hall: 1
Time: 14:00-15:30

SUSTAINABLE DEVELOPMENT GOALS (SDGs) AND EYE HEALTH

Conveners: Johannes Trimmel & Dominic Haslam

The focus of this course is to explore how to make the SDGs work for Universal Eye Health in countries, with examples from within and outside the eye health sector.

Speaker	Presentation
Trimmel & Haslam	Introduction to SDGs and Eye Health
David Donoghue	National implementation of the SDGs
Namhla Mangaliso	SDGs implementation in the socio-economic context of Africa
Johannes Trimmel	How to make the SDG target for universal health coverage work at the national level
Juliet Milgate	SDG national implementation and monitoring: examples from partner countries
Wondu Alemayehu	SDGs and NTDs: national implementation

Course 25

RAPID FIRE 2

Chairs: Heidi Chase & Clare Gilbert

Speaker	Title
Anne Ampaire Musika	The situation analysis of child eye health In Uganda
Camille Neyhouser	A qualitative study on barriers to eye care access for women in Cambodia
Clare Gilbert	Evaluation of initiatives for the detection, diagnosis and management of sight-threatening Diabetic Retinopathy (ST-DR) in India
Cristhian Díaz Gutierrez	An ophthalmology programme focused in community eye health: the Latin-America experience
Emmanuel Elochukwu Okenwa-Vincent	Awareness of ocular-related effects of welding among welders in Kakamega, Kenya
Hasan Minto	Eye health through social entrepreneurship in Pakistan
Hillary Rono	Screening for visual impairment in school-going children in Transzoia County, Kenya using smartphones: a cluster randomised trial
Itfaq Khaliq Khan	Compliance of spectacles wearing among school children in urban slums of Pakistan
Juan Fransisco Batlle	Cataract situation in Latin America: barriers to Cataract surgery
Kai Kafahamu	Trachoma Trichiasis Plus (TT Plus), an outreach approach to enhance surgery
Kindie Desta Alem	Visual outcome and associated factors of patients who undergo age-related Cataract surgery at Hawassa University, Referral Hospital, south Ethiopia
Rohit Khanna	Barriers for uptake of referral services from secondary care to tertiary care and its associated risk factors in LV Prasad Eye Institute eye health pyramid

Meeting Room: 12
Time: 14:00-15:30

Course 26

HOW DO I SCALE UP MY CATARACT SURGICAL PROGRAMME?

Conveners: Van Lansingh & Rohit Khanna

This course will explore the key principles for increasing the Cataract surgical output in a sustainable manner. It will look at strategies used by projects in different regions and how they can be adapted to local circumstances to become successful and allow for growth in the services provided.

Speaker	Presentation
Van Lansingh	Changing trends – global output of Cataract surgeries and present challenges
Rohit Khanna	Cataract surgeries in India
Elesh Jain	Insights from Cataract backlog free zone initiatives
Jialiang Zhao	Million Cataract programme in China – how it worked, is it replicable?
Fitsum Bekele	Hilton programme for Cataract surgery in Africa
Janos Nemeth	Cataract is possibly a neglected disease in Europe
Rainald Duerksen	Training doctors to meet the needs of the region
Mundi Qalo	Pacific outreach – a blue continent model of collaborative eye care

Hall: 1
Time: 16:00-17:30

THIS IS
CPD/CET
ELIGIBLE

Course 27

UNCORRECTED REFRACTIVE ERRORS

Conveners: Kovin Naidoo & Hasan Minto

Sponsor: Brien Holden Vision Institute

Globally 285 million people are visually impaired. Of these, 107.8 million have uncorrected distance refractive error. In addition, there are 517 million people with near-vision impairment due to uncorrected Presbyopia. It is imperative that refractive care is fully integrated into public health initiatives.

Speaker	Presentation
Kovin Naidoo	Rising burden: current and future prevalence of RE
Hasan Minto	Service delivery models
Babar Qureshi	Health workforce development: ophthalmology
Anne Ebri	Health workforce development: optometry
Sumrana Yasmin	Factors associated with spectacle compliance
Serge Resnikoff	Measuring the impact of uncorrected refractive errors

Meeting Room: 21
Time: 16:00-17:30

THIS IS
CPD/CET
ELIGIBLE

Course 28

AGE-RELATED MACULAR DEGENERATION

Convener: Kgaogelo Edward Moleke Legodi

This course will look at the pathophysiology, risk factors and clinical investigation of AMD. It will highlight the key issues related to the diagnosis and treatment of dry and wet AMD. It will also look at the challenges of maintaining vision in AMD patients as it highlights recent research on treatment strategies.

Speaker	Presentation
Ogugua Ndubuisi Okonkwo	AMD diagnosis and treatment: past, present and future
Kunle Hassan	Risk factors for AMD
Olufemi Oderinlo	Pathophysiology, risk factors and clinical investigation of AMD

Meeting Room: 22
Time: 16:00-17:30

THIS IS
CPD/CET
ELIGIBLE

Course 29

HEALTH FINANCING AND UNIVERSAL EYE HEALTH

Conveners: Kirsten Armstrong & Thomas Engels

This session will focus on the concept of health financing in the context of universal health coverage for eye health, with a particular focus on low- and middle-income countries (LMICs). It will encourage attendees to think more broadly about health financing for UHC than merely health insurance and public provision of healthcare services.

Speaker	Presentation
Thomas Engels	Health financing and UHC: setting the context
Kirsten Armstrong	Key features of eye health financing systems
Andreas Mueller	Tweaking the eye health finance system: Vietnam and Philippines
David Green	Social enterprise model: the private sector can contribute to achieve social goals and UHC
Barbara Kong	Social impact bond: the Cameroon Cataract bond initiative
Anis Kazi	Healthcare Equity Fund: Pakistan

Meeting Room: 11
Time: 16:00-17:30

Course 30

FREE PAPERS 4

Chair: Nathan Congdon & Wei He

Speaker	Title
Aparna Gupta	Rapid screening of retinal disorders and Glaucoma with non-mydriatic retinal imaging system
Elesh Kumar Jian	Inducting primary health workers to the tier of eye care service delivery, a reliable approach to facilitate quality eye care to unreached rural mass
Lindsay Hampejsková	Questionnaire Cataract pre-operative workup among COECSA countries
Mary Wepo	Lessons learnt from the East Africa child eye health project
Nathan Congdon	Cluster-randomized controlled trial of the effects of free glasses on purchase of children's glasses in China: the PRICE (Potentiating Rural Investment in Children's Eye care) study
Suit May Ho	Addressing the need for human resources in refractive error correction and eye health – development of optometry education in Vietnam
Timothy Edward Lavy	Developing paediatric eye health care in Malawi 2007-2016: a working international partnership
Uday Kumar Addepalli	Ability of trained vision technicians in detecting ocludable angles on gonioscopy and Glaucoma on cup to disc ratio with direct ophthalmoscope
Wei He	A comprehensive system for the prevention and treatment of diabetic eye diseases in China

Breakfast sessions run every day starting at 7.30am. They're open to all, but you might need to register. See page 12 for full details

Poster Presentations

Coffee, Lunch and Tea Time, Exhibitors' Hall

- 101** Impact of Diabetic Retinopathy on health-related quality of life in Iranian diabetics
Alireza Lashay
- 102** Awareness of the impact of environmental change on eye health and strategies to enhance sustainability: results of a survey on IAPB members
Andy Cassels-Brown
- 103** Clinical and epidemiological profile of retinoblastoma in Nampula Central Hospital from January 2011 to October 2012
Angela Joana Eficio
- 104** Proof of concept: high-volume skills-transfer oculoplastic surgical camp in the highlands of Papua New Guinea
Anna Ghennadievna Gushchin
- 105** Paediatric Cataract surgery – poverty stands out as the main barrier in rural India
Asim Sil
- 106** The Global Sight Initiative: building local hospital capacity through mentorship
Asim Sil
- 107** Cataract surgery and effectiveness: patient organization before and after MSICS training by Orbis at Yaoundé Central Hospital
Caroline Mvilongo Tsimi
- 108** Carbon footprint of Cataract care: addressing Sustainable Development Goals 12 and 13
Cassandra L Thiel
- 109** Incorporating residency training in optometric education to enhance specialty care in developing programmes
Christine Lynn Allison
- 110** Holistic multi-sectoral approaches for child eye health
Chunhong Guan
- 111** Income-related inequality in Iranian Cataract surgery utilization between 2006 and 2011
Cyrus Alinia
- 112** Cost-utility analysis of anisometropic amblyopia screening programme in Iran
Cyrus Alinia
- 113** School sight screening made simple – ‘single sweep retinoscopy’
Deepti Joshi

- 114** Field testing project to pilot World Health Organization (WHO) eye health indicators in Latin America: the experience in Honduras
Doris Matilde Alvarado
- 115** Pattern of retinoblastoma presentation and challenges of management in a tertiary eye hospital in Nigeria
Amina Hassan Wali
- 116** Evaluation of post-operative visual outcomes after cataract surgery at Pretoria West Hospital
Dr. Muhire Karama
- 117** Universal Eye Health: A Global Action Plan 2014-2019
Dr. Harsha Bhattacharjee
- 118** Rapid Assessment of Avoidable Blindness in Kurdistan, Iran
Ebrahim Ghaderi
- 119** Partnering with community health workers to increase surgical access and uptake – Zambia
Generous Mukanga
- 120** Sustainable partnerships – strengthening comprehensive eye care services in North Western Province, Zambia
Generous Mukanga
- 121** Progress of the newly launched childhood blindness project in South Sulawesi, Indonesia
Habibah Setyawati Muhiddin
- 122** SightFirst LCIF Programme in South and Central Sulawesi
Habibah Setyawati Muhiddin
- 123** Partnership building for child eye health
Hassan Niazi
- 124** Infective keratitis and time to eye care access at a tertiary eye hospital in New Delhi: an equity analysis
Hayden Stewart Jefferson Spencer
- 125** Global Sight Initiative: improving financial self-sustainability of eye care
Heidi Chase
- 126** Role of an optometrist in screening for Glaucoma
Hiral J Korani
- 127** Situation analysis of Diabetic Retinopathy services in Muzaffarabad division of Azad Jammu and Kashmir, Pakistan
Irfan Aslam Khattak
- 128** VisionFinder: the portable device lowering the barrier of access to refractive screening in the developing world
Jackie Lim

Poster Presentations

- 129** Integrated county-based systems strengthening approach to comprehensive eye health
Jane Aoko Ohuma
- 130** Getting results through collaborative action
Jennifer Gersbeck
- 131** Trabeculectomy in advanced open-angle Glaucoma in melanoderm patients in Burkina Faso. Case report
Jerome Sanou
- 132** Million Cataract programme in China – how it worked and is it replicable?
Jialiang Zhao
- 133** Causes and temporal trends of childhood visual impairment in children attending Shanghai Blind Children School
Jianfeng Zhu
- 134** An analysis of eye conditions in Papua New Guinea
John Farmer
- 135** Changing mindsets by establishing a successful Haitian-owned and managed social enterprise eye clinic in northern Haiti
John M. Barrows
- 136** Corporate social responsibility – CSR Fund is an alternative source for financing primary eye care Services
Keerti Bhusan Pradhan
- 137** Profile of ocular trauma in patients presenting to the department of ophthalmology at Hawassa University: a retrospective study
Kindie Desta Alem
- 138** Economic impact of Cataract surgical intervention in southern India
Krishnaiah Sannapaneni
- 139** Comprehensive paediatric eye care system continuing from community to hospital
Lan Thi Tran
- 140** Estimation of Cataract surgical rate by previous years' history
Leila N-Farahani
- 141** Prevention of blindness due to Retinopathy of Prematurity (ROP) in northern Peru from July 2012 to December 2015
Luz Josefina Gordillo
- 142** Prevalence of chlamydia conjunctivitis in Jamaica
Lizette Mowatt
- 143** A Caribbean model of training the eye care team
Lizette Mowatt

- 144** Knowledge and perception of eye health services in Ghana – baseline study
Maria Hagan
- 145** Barriers for women to access eye health services in Papua New Guinea
Marleen Nelisse
- 146** NGOs and sustainable development: delivering eye health within the sustainable development paradigm
Mary Wepo
- 147** Prevalence of refractive errors, Presbyopia and unmet need of spectacle coverage in Sirajganj, Bangladesh: Rapid Assessment of Refractive Errors (RARE) Study
MD Johurul Islam
- 148** Initiatives to increase coverage through primary eye care centre (PEC) in achieving universal eye health coverage in Bangladesh
MD Parag Sharifuzzaman
- 149** Bringing nutrition into eye health: crossing sub-disciplines to prevent blindness among diabetics
Meredith Jackson-deGraffenried
- 150** Developing a spectacle supply for the Pacific islands
Mitasha Yu Yu
- 151** Understanding factors contributing to uptaking and non-uptaking of paediatric Cataract surgery in rural areas of Bangladesh
Mohammad Awlad Hossain
- 152** Evaluation of leadership training within the context of the VISION 2020 LINKS programme
Nadia Ben Meriem
- 153** Novel three-tiered approach for pilot projects reduces avoidable blindness and vision loss in Victorian communities, Australia
Nami Nelson
- 154** Working together for impact: Building on Australian investments to strengthen eye health sector co-ordination in the region
Nami Nelson
- 155** East Asia Vision Programme: a consortium approach to enhancing and expanding the eye health workforce in Cambodia, Timor-Leste and Vietnam
Nami Nelson
- 156** Phnom Penh Vision Centre: overview of eight-year service in eye care to urban underprivileged people
Neath Kong

Poster Presentations

- 157** Revised school health policy for improved child eye health in Cambodia
Neath Kong
- 158** Standardize the quality assurance (QA) system of eye care services in Vietnam
NGA Thi Thuy Ngo
- 159** Building a systemic and integrated primary health care platform in South Africa for promoting optimal vision and other development domains in young children to meet the SDGs
Patricia Ann Martin-Wiesner
- 160** Madagascar financial data utilization project
Peter Agapiti Kileo
- 161** *Intentionally blank*
- 162** Screening for refractive error by school health teachers in junior high schools in Jakarta, Indonesia
Prateek Gupta
- 163** Creating competent optometrists – an innovative approach
Preethi John
- 164** Non-medical private university – innovative approach to contribution to eye care human resources
Preethi John
- 165** Creating sustainable change within the public eye health sector in Peru
Raheem Rahmathullah
- 166** Diffusing the third ROP epidemic: operationalizing an integrated model for preventing blindness from ROP in India
Rajan Shukla
- 167** Evaluation of a novel, low-cost, solar-powered pocket ophthalmoscope for use in low-income settings
Sahib Yuvraj Tuteja
- 168** Can we use open education to bridge the gaps in global eye care training?
Sally Parsley
- 169** The impacts of climate change and diabetes in Pacific island countries
Sarah Nina Badju
- 170** Aravind's drive for growth and innovation: understanding how external capacity building becomes the engine for change
Scott Burg
- 171** Refractive surgery, the most cost-saving technique in refractive errors correction
Sayed-Farzad Mohammadi

- 172** Economic and epidemiological burden of refractive errors correction methods: a patient perspective
Sayed-Farzad Mohammadi
- 173** Diabetic Retinopathy – women need more information: study in seven districts of Bangladesh
Shawkat Ara Shakoor
- 174** Retinoblastoma awareness: demand of time
Shawkat Ara Shakoor
- 175** Systemic co-morbidities as barriers in community based cataract outreach programme
Smita Praveen
- 176** Training in community ophthalmology – the JCOC way
Smita Praveen
- 177** Validity of a vision screening test among school children administered by school teachers trained in visual acuity testing
Smitha Jasper
- 178** Visual outcome in patients undergoing Cataract surgery with intra-ocular lens implantation through the outreach programme of a teaching hospital in south India
Smitha Jasper
- 179** Awareness, knowledge about refractive errors and strabismus in a south Indian population
Srinivasa Reddy Pallerla
- 180** Eye donation – awareness, knowledge and willingness among general public in a south Indian population
Srinivasa Reddy Pallerla
- 181** Visual Outcome and complications following management of nucleus drop in a Cataract training centre
Sripriya Krishnamoorthy
- 182** Complications and their outcomes in manual small incision Cataract surgery and phacoemulsification done by trainees
Sripriya Krishnamoorthy
- 183** Strategic level support and mentoring can raise the capacity and performance of secondary and tertiary level eye hospitals
Subeesh Kuyyadiyil
- 184** Eye care service delivery profile in southeast Asia
Taraprasad Das
- 185** The importance and necessity of low-vision rehabilitation services in the republic of Moldova
Tatiana Ghidirimschi

Poster Presentations

186 Lessons from strengthening Health systems to enhance existing Diabetic Retinopathy screening services in countries with high prevalence rates of diabetes mellitus

Telaite Biu Sikivou

187 *Intentionally blank*

188 Efficacy of task shifting through institutionally trained ophthalmic paramedics (OP) at a tertiary eye care hospital in north India

Umang Mathur

189 Prevalence of various eye diseases among children in rural western Uttar Pradesh of north India

Umang Mathur

190 Utilization of vision centre for post-operative examination after Cataract surgery – impact on service delivery without increased risk

Umang Mathur

191 Peripheral retinal degenerative lesions in Myopic patients at the Yaoundé Central Hospital

Viola Andin Dohvoma

192 Refractive errors in Cameroonian patients with comitant strabismus

Viola Andin Dohvoma

193 Evaluation of a Diabetic Retinopathy screening strategy at Government Primary Health Centers (PHCs) in south India

Vijayakumar Valaguru

194 Medical institutions and human resources for eye health in China: the 2014 national eye care capacity and resource survey

Xiao Xu

195 Knowledge, attitudes and practice relating to Diabetic Retinopathy in seven districts in Bangladesh

Zara Khair

196 Computing for good: a mobile application for tracking children with Cataracts

Natalie Colette Weil

197 Bagolini modified test and its assessment in binocular visual field measurement against automated perimetry. Pilot Study.

Leonardo Ramirez Casas



Venue Finding and Negotiation
Online Registration & Payment
Event Planning
Delegate Management
Supplier Management & Liaison
On-Site Event Management



Maximize Your Time are highly experienced Professional Conference Organisers and are dedicated to ensuring that your event is memorable, productive and stress-free for you and your delegates.



We would love to hear about your next event and to discuss how we might be able to help!

Call us now on +44 (0) 2392 322122 or email us on events@myt.uk.com

ADDRESSING UNMET NEEDS IN OPHTHALMOLOGY

As a leader in ophthalmology, Bayer understands the importance of taking responsibility to drive science for a better life. This means addressing unmet needs through scientific progress and innovation and facilitating medical education and knowledge sharing. As such, Bayer supports multiple projects and initiatives worldwide as well as partnering with multiple organizations to help improve the lives of people living with a visual impairment or blindness.

PROVIDING A FORUM FOR KNOWLEDGE EXCHANGE



The Vision Academy serves as a forum for retina specialists to exchange knowledge and build best practices. As such, it provides an opportunity to discuss and address new challenges and treatments in ophthalmology driving optimized, compassionate patient care.

For more information, please contact:
Chris James (christopher.james@bayer.com)



DRIVING MEDICAL EDUCATION FOR IMPROVED PATIENT CARE



The Ophthalmology Global Preceptorship Program facilitates engagement with ophthalmologists and aids their professional development by sharing knowledge and best practice in the in-clinic management of retinal diseases.

For more information, please contact:
Patricia Ishak (patricia.ishak@bayer.com)



FACILITATING SCIENTIFIC PROGRESS IN EYE CARE



Global Ophthalmology Awards Program (GOAP) is helping to tackle the growing global health issue of retinal diseases by supporting the research community in their quest for breakthroughs that can significantly impact patients' lives.

For more information, please contact:
Jennifer Plum (jennifer.plum@bayer.com)



JUMP-STARTING INNOVATIVE IDEAS IN OPHTHALMOLOGY



The EyeFocus Accelerator is the world's first eye care focused tech accelerator for startups that address unmet needs surrounding the detection, prevention and available support for people living with visual impairment or blindness and strive to improve patients' quality of life.

For more information, please contact:
Melissa Chen Montes de Oca
(melissa.chenmontesdeoca@bayer.com)



LZA.MKT.07.2016.1074

75 Day 3 - Sunday 30th



Symposium 3

Hall: 1
Time: 09:00-10:30

GLOBAL BURDEN OF DISEASE AND FUTURE TRENDS

Chair: Bob McMullan

In order to effectively improve health systems and ensure they are aligned to their population's health needs, data is crucial in ensuring we correctly understand the health challenges we face, particularly in light of the impact of ageing on global health.

Reflecting the work of more than 1,000 researchers and capturing data on more than 300 diseases and injuries in 188 countries, by age and sex, the Global Burden of Disease (GBD) study is an example of how far collaborative efforts to collect and analyse big data have come, and how this evidence is vital in determining future health priorities and policy.

The opening presentation from a global expert in the fields of health metrics and ageing sets the scene by identifying trends and emerging issues. This will be followed by two presentations from Members of the Vision Loss Expert Group on the latest estimates on the numbers, prevalence and causes of blindness and visual impairment globally and a commentary on the progress being made in reducing the prevalence of avoidable blindness.

Speaker

Astrid Stuckelberger	Institute of Global Health of the Faculty of Medicine of the University of Geneva
Rupert Bourne	Vision Loss Expert Group
Serge Resnikoff	Vision Loss Expert Group

**Please ensure you make enough time to
visit the many exhibitors in Halls 2/3A,
where you will also find food and drinks**

Course 31

LOW VISION: PROGRAMME CHALLENGES

Convener: Jill Keffe

This course will present tools to undertake a situation analysis for low-vision care of adults and children and will present progress by WHO on the development of standards of care available to guide countries to start or expand their low-vision services.

Speaker	Presentation
Silvio Paolo Mariotti	Vision rehabilitation standards: outcomes from WHO international consensus conference, Rome '15
Jill Keffe	Tool for the assessment of rehab support services
Haroon Awan	Developing a country score-card for low vision
Sumrana Yasmin	Low-vision services: Pakistan
Anne Ebri	Developing human resources for low vision: Africa
Jonathan Jackson	Standard List of low-vision materials and devices
Hasan Minto	Developing an advocacy framework for low vision

Meeting Room: 21
Time: 11:00-12:30

Course 32

QUALITY IN CATARACT SURGICAL TRAINING AND SERVICE

Convener: Nathan Congdon

Almost uniquely among major causes of disability, an effective approach to Cataract is highly dependent on our ability to measure and deliver high-quality service, from training to screening to surgery itself to follow up. This course will describe the best models and technologies available.

Speaker	Presentation
Karl Golnik	How do we teach Cataract surgery effectively?
Dan Kiage	The Hilton Cataract Initiative
Van Lansingh	Novel, simulator-based models for surgical training
Ganesh Subburaman	How quality of Cataract surgery is measured at Aravind Eye Hospitals
Hans Limburg	Measuring surgical quality with limited resources
Nathan Congdon	The BOOST Cataract app
Mingguang He	Real-time visual acuity testing to monitor outcomes
Xu Xiao	2014 national eye care capacity and resource survey, China

Meeting Room: 22
Time: 11:00-12:30

Course 33

GLOBAL BURDEN OF DISEASE: NEW DATA

Convener: Rupert Bourne & Hugh Taylor

This course will present updated data from the Global Vision Database; future projections using this comprehensive database of all population-based survey data published (and unpublished) since 1980 will be made available with guidance.

Speaker	Presentation
Rupert Bourne	The Global Vision Database: new data and trends
Wei He	China: new data and trends
Kovin Naidoo	Africa: new data and trends
Juan Carlos Silva	Latin America: new data and trends
Mahi Muqit	Diabetic Retinopathy: new data and trends
Neeru Gupta	Glaucoma: new data and trends
Hugh Taylor/Serge Resnikoff	Using this data to effect change

Meeting Room: 11
Time: 11:00-12:30

Course 34

INNOVATION IN EYE CARE

Conveners: Andrew Bastawrous & Neil Murray

This course will showcase a range of innovative technologies being applied in eye care. It will highlight the potential that they bring to extending access to those currently most in need.

Speaker	Presentation
Neil Murray	Introduction
Daniel Neely	Orbis: cybersight
William Mapham	Vula
Jordan Kassalow, Sam Brundrett	BRAC/VisionSpring reading glasses for livelihood
Andrew Bastawrous	Optibrand: RetCheck
Andrew Bastawrous	Clearly winner
Andrew Bastawrous	Peek – a platform for eye care
Speakers + Tim Carter	Panel discussion
Andrew Bastawrous	Final remarks

Hall: 1
Time: 11:00-12:30

Course 35
FREE PAPERS 5

Chairs: Victoria Sheffield & Rohit Khanna

Meeting Room: 12
Time: 11:00-12:30

Speaker	Title
Anthea Burnett	Economic evaluation of automated detection of Diabetic Retinopathy in Australian indigenous populations
Hessom Razavi	Increasing the impact of teleophthalmology in Australia: analysis of structural and economic drivers in a state service
John Nkurikiye, Massimo Presente	Rapid Assessment of Avoidable Blindness in Rwanda 2015 – a population-based survey of blindness and visual impairment
Robert Matthew Richard Butcher	Anti-chlamydial serology in the Solomon Islands where active Trachoma is common but Trichiasis is scarce
Rohit Khanna	The Longitudinal Andhra Pradesh Eye Disease Study (APEDS3): 15 years incidence of blindness and visual impairment
Santosh Moses	Eye care at the door steps of the communities – 100 financially sustainable vision centres established by Operation Eyesight Universal in India
Sheeladevi Sethu	Global prevalence of childhood Cataract: a systematic review
Subhadra Jalali	What do they see? The long-term visual, refractive, and retinal outcomes in the clinical practice of Retinopathy of Prematurity (ROP) over 15 years in the Indian Twin Cities ROP Study (ITCROPS)
Sureshkumar Rajaram	A retrospective analysis of pre-operative visual acuity of patients undergoing Cataract surgery in a secondary level eye hospital in southern India

Course 36
RETINOPATHY OF PREMATUREITY: THE THIRD EPIDEMIC

Convener: Clare Gilbert & Linda Visser

Retinopathy of Prematurity (RoP) is becoming an increasingly important cause of blindness in children in many middle-income countries, and is beginning to be seen in African countries as well. This course will discuss key and emerging issues in the control of visual loss from Retinopathy of Prematurity.

THIS IS
CPD/CET
ELIGIBLE

Speaker	Presentation
Clare Gilbert	RoP and the need for evidence-based national guidelines
Linda Visser	Experiences from South Africa
Kareem Musa	Experiences from Nigeria
Anand Vinekar	Telemedicine and new approaches to screening
Subhadra Jalali	Anti-VEGF treatment: does it have a role?
P Vijayalakshmi	Follow-up of pre-term infants

Course 37
OCULAR THERAPEUTICS

Convener: Harry Rosen

Therapeutic services have recently been added to the variety of services provided by optometrists. This course will discuss drugs currently in use for inflammatory eye disease, ethical issues associated with the use of therapeutic drugs and emergency care.

THIS IS
CPD/CET
ELIGIBLE

Speaker	Presentation
Vanessa Moodley	Ethical issues related to ocular therapeutics in optometry
Paul Ramkissoon	Emergency care in therapeutic drug use

Course 38

EQUITY AND EYE HEALTH**Conveners:** Hannah Faal & Jacqueline Ramke

This course will describe the current status of equity on global health and development agenda, and highlight challenges and opportunities this presents for promoting equity and achieving universal eye health.

Speaker	Presentation
Hannah Faal	Introduction to health equity
Jacqueline Ramke	Equity in eye care background
Ibrahim Nazaradden	Gender inequality in paying for Cataract in Nigeria
Elena Schmidt	Measuring equity of access: India, Ghana, Tanzania
Thomas Engels	Measuring economic status of beneficiaries
Nathan Congdon	PRICE: children's glasses distribution in rural China
Andrew Bastawrous	Smartphone-based school vision health programme
Fortunate Shija	Engaging Women's groups in Tanzania
Heidi Lavers	Funding strategies may increase inequality: Ghana
Speakers + Babar Qureshi – Panel discussion	

Meeting Room: 22
Time: 14:00-15:30

Course 39

UNIVERSAL EYE HEALTH: A GLOBAL ACTION PLAN**Convener:** Ivo Kocur

This course will present and discuss practical use of the Global Action Plan and experience in implementing the WHO Eye Care Service Assessment Tool (ECSAT), and the health system approach.

Speaker	Presentation
Ivo Kocur	Introduction: health systems approach for eye care
Peter Ackland	IAPB: supporting eye care services in developing countries
Lynn Anderson	Building a sound workforce for eye care
Amir Bedri Kello	Developing universal access to eye care in Africa
Juan Carlos Silva	Why is the health system approach indispensable?
Haroon Awan	Health systems approach to eye care in Pakistan
Serge Resnikoff	Integration of eye care into health systems: discussion
Speakers	Panel discussion

Hall: 1
Time: 14:00-15:30

Course 40

RAPID FIRE 3**Chairs:** Suzanne Gilbert & Mingguang He

Meeting Room: 12
Time: 14:00-15:30

Speaker	Title
Boateng Wiafe	National study of prevalence and causes of blindness and visual impairment in Ghana
Colina Waddell	Focusing on primary health care for better Aboriginal eye care outcomes
Mingguang He	Cataract Surgical Rate and socio-economics: a global perspective
Nick Astbury	Improving ophthalmology sub-speciality clinical skills across the Commonwealth
Pedro Gomez	Comparison in the Rapid Assessment of Avoidable Blindness (RAAB) between the richest and poorest province in Mexico
Raheem Rahmathullah	Changing old standards and protocols to achieve efficiency within the public eye health sector in Honduras
Rajiv Khandekar	Elimination of visual disabilities due to primary congenital Glaucoma from Saudi Arabia: a case for a national screening programme
Rajiv Khandekar	Validity, feasibility, acceptance and cost-effectiveness of Diabetic Retinopathy screening using hand-held device – RETEval
Subhra Sil	Cost of large-scale low-vision service for children in India
Subramanyam Devarakonda	Grass-root level approach with community involvements can reduce prevailing gender inequality in accessing quality eye care by the rural mass
Tricia Keys	Embedding child protection practices into eye health programmes and organisations
Xiangui He	Prevalence of visual impairment and refractive errors in four- to 14-year-old Chinese school children: the Shanghai Children Ocular Refractive Error Study (SCORES)

Poster Presentations

Coffee, Lunch and Tea Time, Exhibitors' Hall

- 201** Child eye health situation among developing countries in Asia
A S Mohammad Nurullah Awal
- 202** Establishment of the first child-friendly paediatric eye care centre in South Sulawesi In Indonesia
A S Mohammad Nurullah Awal
- 203** Towards Universal Eye Health: shifting programme focus within paediatric eye care in developing countries
A S Mohammad Nurullah Awal
- 204** Prevalence and causes of avoidable blindness and barriers to Cataract surgical services in rural Bihar, India – a population-based survey
Ajit Kumar Poddar
- 205** Prevalence of visual impairment in children: a population-based study in rural Bihar, India
Ajit Kumar Poddar
- 206** Situation analysis and preparation of the application for blinding Trachoma control in Iran
Alireza Mahdavi
- 207** Powered by the sun – a clean, green, stable, cost-effective power solution for eye care. An example from the Solomon Islands
Andrew Peter Bell
- 208** Reaching remote communities in Fiji. The first mobile eye clinic in the Pacific
Andrew Peter Bell
- 209** A novel, next-gen approach to building competency and expanding capacity in eye health: blending media, live training, case-based learning, and mobile instructional technologies
Amelia Geary
- 210** Undertaking research to hear the voices of women and girls
Anthea M Burnett
- 211** Why don't children in China with refractive errors access eye health services?
Anthea M Burnett
- 212** Attitude of visually challenged towards surface public transport in Delhi NCR
Aparna Gupta
- 213** Prevalence of vitamin A deficiency among children and adolescents in Mewat region of Haryana
Aparna Gupta
- 214** Taking eye care to rural population with a stereoscopic teleophthalmic slit lamp
Ashutosh Richhariya
- 215** MOOCs in eye care. Do they work?
Astrid Leck
- 216** The perceived value of coaching visually impaired business leaders on interpersonal communication competence
Carinna Wilmarin Krantz

- 217** New ways of teaching eye health in Africa
Christopher David Williams
- 218** Eye and health care utilization and out-of-pocket expenditure in Iran; Kurdistan Eye Economics Survey, 2015
Cyrus Alinia
- 219** Educator development as a way to improve health outcomes and strengthen VISION 2020 LINKS partnerships: one-year evaluation of medical leadership training in 12 African health partnerships
Denise Mabey
- 220** Prevalence and associated factors of vernal keratoconjunctivitis among children living in Gondar city, north-west Ethiopia
Dereje Hayilu Anbesse
- 221** Professional recognition and integration: critical success factors in the development of new health care cadres
Diane van Staden
- 222** Knowledge, attitude and practices among the parents regarding child eye health – a cross-sectional study in eastern India
Nilay Kumar Majumdar
- 223** Diabetes and Diabetic Retinopathy in eastern India: a study on prevalence, utilisation of eye care services, treatment pattern and associated visual impairment in population above 50 years
Dr. Sourav Bhattacharyya
- 224** Evidence Gap Maps: a tool for promoting evidence and identifying gaps in research
Elena Schmidt
- 225** Piloting a child eye health programme in PNG
Drew Keys
- 226** PNG eye care almost 10 years on
Drew Keys
- 227** National and sub-national trends in refractive error prevalence and its burden from 1990 to 2015 in Iran
Elham Ashrafi
- 228** Anisometropic amblyopia seems declining in Iran
Elham Ashrafi
- 229** Development of a regionally agreed health management policy and tools template package for Pacific island ophthalmic surgical providers: methodology of an ophthalmic nurse-centric initiative
Elise Chick RN
- 230** An innovative model in early detection and management of diabetes and Diabetic Retinopathy
Farah Riaz

Poster Presentations

- 231** Workforce support systems for PNG and Pacific island allied ophthalmic personnel: building an in-country model of eye care support
Neil Murray
- 232** Raising awareness of Myopia and advocacy for refractive error services development in Vietnam
Huynh Phuong Ly
- 233** Evaluation of performance of Cataract services in Egypt
Islam Fathi Elbeih
- 234** Visual functions and fundus findings in pathological Myopia
Itfaq Khaliq Khan
- 235** The Pacific DR Hub – OPEN DR
Jordana Dawson Hayes
- 236** Faculty for 21st century optometry needs: building capacity through Eyeteach, an integrated teaching and learning programme
Judith Stern
- 237** Phase one results of Malawi optometry human resource development study of optometrists graduated from Malawi schools of optometry programme
Karen Paarz
- 238** Ocular disorders amongst school-going Sudanese children
Khalil Ahmed Lakho
- 239** Worldwide research productivity in paediatric eye health: a bibliometric analysis
Kumaragurupari Thandavarayan
- 240** Application of inequality indices in ophthalmology: Cataract surgery rate model
Mahmoud Jabbarvand
- 241** Prevalence of blindness and visual impairment in 50-year-old people and more in Guatemala: results of a nationwide survey
Mariano Yee Melgar
- 242** Eye health system analysis using the WHO Eye Care Services Assessment Tool (ECSAT); the revealed gaps and opportunities, Iran 2015
Maryam Sadat Shams
- 243** Tertiary low-vision services in Bangladesh
Mastura Khatun
- 244** Low-cost, portable and high-performance end-to-end eye care solution with computer-aided detection for point-of-care diagnostics
Mausumi Acharyya
- 245** Impact of an IT-enabled monitoring tool in enhancing compliance to referral of sub-speciality eye problems in outreach screening camps
Meenakshi Sundaram Ramasamy

- 246** Burden of blindness, diabetes and Diabetic Retinopathy in north-west Pakistan
Muhammad Zahid Jadoon
- 247** Innovative bullseye drop applicator device for self-instillation of eye drops in patients
Mukesh Taneja
- 248** Enhancing coverage and access to universal eye health in Pakistan
Najmus Saquib Hameed
- 249** Ophthalmic Nursing Training Curriculum Need Assessment
Molao Chatawana
- 250** Prevalence and associated factors of computer vision syndrome among bank workers in Gondar city, north-west Ethiopia, 2015
Natnael Lakachew Assefa
- 251** Human resource crisis: assessing the role of Norwegian ophthalmologists in low- and middle-income countries
Nina Holst
- 252** Meta-analysis to compare the safety and efficacy of manual small-incision Cataract surgery and phacoemulsification
Parikshit Gogate
- 253** Impact of correcting visual impairment and low vision in deaf mute students in Pune, India
Parikshit Gogate
- 254** Causes of childhood vision impairment in Eritrea: a five-year retrospective data from the national referral eye hospital
Rajendra Gyawali
- 255** Optimizing the detection of Diabetic Retinopathy by leveraging technology
Rajesh Sukumaran
- 256** Retinal and choroidal thickness in Vietnamese anisomyopes
Trang Huyen Nguyen
- 257** Diabetic Retinopathy screening; quantitative clinical comparison of a low-cost, solar-powered pocket ophthalmoscope (Arclight) with a traditional device in Malawi
Rebecca Blundell
- 258** Qualitative evaluation of a new low-cost, solar-powered pocket ophthalmoscope (Arclight) in Malawi
Rebecca Blundell
- 259** Prevalence of blindness and Cataract surgical coverage in Narayani zone, Nepal – a Rapid Assessment of Avoidable Blindness (RAAB) study
Ram Prasad Kandel
- 260** Refractionist as the necessary element of equipment for visual health
Ricardo Bahena Trujillo

Poster Presentations

- 261** Critical appraisal of the WHO Eye Care Services Assessment Tool (ECSAT)
Roksana Mirkazemi
- 262** Ensuring the last mile connectivity of eye care in north-eastern states of India
Sabitra Kundu
- 263** Mission Roshni – taking eye health to the doorsteps for children involving community mobilisation
Sabitra Kundu
- 264** An assessment of Diabetic Retinopathy and diabetes management system in Nepal
Sailesh Kumar Mishra
- 265** Responding to health-seeking behaviour in the geographically complex Indian Sunderbans: a geo-enhanced HMIS
Sameera Ahmed
- 266** District Eye Health Systems Assessment (DEHAT): a pilot approach for designing health systems strengthening interventions in 24 districts in rural India
Sandeep Buttan
- 267** A comparison of post-operative outcomes among patients undergoing day-care vs in-patient surgery for Cataract in south India
Sanil Joseph
- 268** Prevalence and risk factors for Myopia and Hyperopia in an adult population in southern India
Sanil Joseph
- 269** Enhancing eye care delivery through a systematic mentoring process in Indian sub-continent
Sasipriya Munirathnam Karumanchi
- 270** A small change in the strategy can boost community welfare: an innovation through afternoon eye camps
Shoumyajyoti Dattamazumder
- 271** Prevalence and causes of visual impairment, Cataract surgical coverage and outcomes in a population above 50 years of age using Rapid Assessment of Avoidable Blindness (RAAB) methods in eastern India
Sourav Bhattacharyya
- 272** Assessment of agreement and diagnostic accuracy of vision screening in children by trained teachers, community health workers and vision technicians
Srinivas Marmamula
- 273** Population-based assessment of prevalence and causes of visual impairment in the state of Telangana, India
Srinivas Marmamula

- 274** Strengthening the health system of small-island populations by upskilling nurses in primary care
Stephanie Emma Lamont
- 275** Visual and anatomical outcome at one year in a cohort of pre-term infants undergoing screening for Retinopathy of Prematurity in western India
Sucheta Kulkarni
- 276** Visual acuity demand in Indian school classrooms
Sudhir Reddi Rachapalle
- 277** Lighting levels in school classrooms: reality vs students' perception
Sudhir Reddi Rachapalle
- 278** Prevalence of Diabetic Retinopathy: a population-based assessment from rural Bihar, India
Tanwir Ahmed Khan
- 279** Barriers to low-vision services and challenges faced by the providers in Pakistan
Tayyab Afghani
- 280** Results of WHO TADDS (Tool for Assessment of Diabetic Retinopathy and Diabetic Management Systems) survey in Pakistan
Tayyab Afghani
- 281** Health-seeking behaviour among residents of South Omo zone, SNNPRS, Ethiopia
Tezera Kifle Desta
- 282** Community participation: successful approach for developing eye health network in Nepal
Tirtha Prasad Mishra
- 283** Audit of outcomes of complications of Cataract surgery performed at secondary level eye care centers of LV Prasad Eye Institute, India
Varsha M Rath
- 284** What do they see? The long-term visual, refractive, and retinal outcomes in the clinical practice of Retinopathy of Prematurity (ROP) over 15 years in the Indian Twin Cities ROP study (ITCROPS)
Varsha M Rath
- 285** A cross subsidy model providing financially sustainable eye care and addressing the social determinants of eye health – an experience from India
V. Rajashekar
- 286** Delayed follow-up in patients with Diabetic Retinopathy in south India: social factors and disease progression
Vengadesan Natrajan
- 287** Utilization and felt needs of a vision centre among the service area population in south India
Vengadesan Natrajan

Poster Presentations

- | | |
|---|---|
| <p>288 Assessment of diabetes and Diabetic Retinopathy management systems in Vietnam
<i>Vu Tuan Anh</i></p> <hr/> <p>289 Blindness situation in Vietnam through the RAAB 2015
<i>Vu Tuan Anh</i></p> <hr/> <p>290 The effect of vision centre in the prevention and treatment of blindness
<i>Wei HE</i></p> <hr/> <p>291 The training mode with Chinese characteristics: national training base for the prevention of blindness of China
<i>Wei HE</i></p> <hr/> <p>292 Prevalence of refractive error and visual impairment in secondary school students of Gondar city, north-west Ethiopia
<i>Yared Assefa Wolde</i></p> | <p>293 Global mapping of eye banks
<i>Heather Machin</i></p> <hr/> <p>294 Human resources development
<i>Jyoti Jaggernath</i></p> <hr/> <p>295 Screening efficacy of a simplified logMAR chart
<i>Jyoti Jaggernath</i></p> <hr/> <p>296 Characteristics and factors influencing the acceptance of eye care among diabetic patients in rural and urban China
<i>Nathan Congdon</i></p> <hr/> <p>297 A randomized, controlled trial of interventions to promote follow-up after trabeculectomy surgery in rural southern China
<i>Nathan Congdon</i></p> <hr/> <p>298 Uptake and barriers to paediatric Cataract surgery at two large facilities in China and India
<i>Nathan Congdon</i></p> |
|---|---|

Don't forget to use the 10GA App

Did you know we have an interactive app that you can use to plan, organise and communicate with fellow attendees? Everything you need, from live activity streams to the full programme of courses, Breakfast Sessions, speakers and sponsors is all available in the palm of your hand. Are you using it? If so, please tell your colleagues about it. If not, download it now to enjoy the full 10GA experience.



Download the 10GA App now.



97
years
1919-2016



Creating and Promoting Economic Empowerment for Blind and Partially Sighted People



The **VISION** of the organisation is to enhance the quality of life of blind or partial sighted people, their families and other types of disabilities of Kwazulu-Natal Province.

MISSION - To become a pro-active, vibrant, strategically focused in terms of operations, sustainable and inclusive learning organization which brings together key decision makers in government and private sector to work closely with blind and partial sighted community to effectively improve the standard of living for all.

Contact Details

194 Umbilo Road, Durban, 4001, PO Box 18702, Dalbridge, 4014

Tel: +27312027277 Fax: +27312022830

Bheki Jele - +27614148397

Email: info@kznblind.org.za, www.kznblind.org.za

002-119 NPO, PBO930 005 024

IAPB wishes to thank all our sponsors, partners and delegates for helping us deliver yet another successful event.

The 10GA would not have been possible without the generous support of our Programme Partners: the Brien Holden Vision Institute, CBM, Mectizan Donation Program and Orbis. IAPB would also like to thank our 10GA 'Eye Health Investors': Bayer, Helen Keller International, the International Council of Ophthalmology (ICO), Lions Clubs International Foundation, L'OCCITANE Foundation, Seeing is Believing/Standard Chartered Bank, Seva and Vision Impact Institute. We would also like to thank the Education Partners: College of Ophthalmology of Eastern Central and Southern Africa (COECSA), South African Optometric Association (SAOA), General Optical Council (GOC) and University of KwaZulu-Natal.

IAPB would like to thank our Programme Chair, **Serge Resnikoff** and the members of his Programme Committee

(Clare Gilbert, Van Lansingh, Rohit Khanna, Babar Qureshi, Sheila West, Henry Nkumbe, Mingguang He, Peter Ackland) for a strong and contemporary programme.

As our hosts, the Brien Holden Vision Institute brought 10GA to South Africa and put in untold hours to ensure its success. **Kovin Naidoo**, the chair of our Local Organising Committee, **Petronella Nichols** and **Amanda Davis** were crucial to the planning and delivery of this event. We would also like to thank **Pirindha Govender**, **Mirashnie Rajah**, **Melusi Vidima**, **Kesi Naidoo**, **Selina Madeleine** and their colleagues at the Institute. The IAPB Africa team – **Neebha Budhoo**, **Ronnie Graham**, and **Simon Day** – helped promote the event, and provided invaluable local support.

The Opening Ceremony with **President Ellen Johnson Sirleaf** makes for a big impact, and we thank **Gullapalli N Rao** for the introductions. **Sam Balasundaram**, his colleague at the L V Prasad Eye Institute in India worked tirelessly over many months to help make this happen.

We owe so much to our hugely experienced and professional PCO Maximize Your Time (MYT). The indefatigable team has left no stone

unturned for 10GA's success. Led by **Janine Lancaster**, the entire team – **Rachel Bradley**, **Eva Natcheva**, **Georgina Anthony**, **Zoë Stride**, **Debbie Jackson-Cole**, **Harriet Clark**, **Alison Morrison** – gave the event their every ounce. A big thank you from us and from all the delegates, sponsors and exhibitors you have helped.

Karen Sparrow helped us with CET/CPD accreditation from the UK General Optical Council – thank you.

Red Giant – the UK design team comprising **Ian Bond**, **Martin Sharrocks**, **Georgia Stefanescu** and their colleagues – pulled together amazing print and web material for 10GA. We would also like to thank **Roger Whittall** in the UK and **Ingrid Macfie** in Durban for their design support.

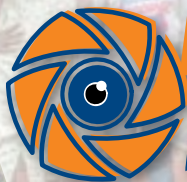
We thank and appreciate the support of the South African Government, especially the National and Provincial Departments of Health, the province of KwaZulu-Natal and the City of Durban. A special thanks to the KwaZulu-Natal convention bureau and their experienced team members **Sonto Mayise** and **James Seymour** who along with **Connie Sikhisi** of the Durban International Convention Centre, went all-out to make this event great. A big thank you to **Shane Bailey** and his team at

Selby's for their AV support and to **Lauren Marot** and colleagues at Expo Solutions for their branding support.

The event kicks off with the Welcome Reception, and **Nokwanda Kambuwa**, PMG Events & Promotions made it possible. The Gala Dinner at Durban Botanic Gardens will be a sight to behold – thank you **Edwina Brown**, Event World and **Tami Lutchman**, Tangent. Let's Go Travel and Aqua Tours have helped meet 10GA's transportation and tourism needs. **Sightsavers** helped with travel support for this event – a big thank you. Finally, the entire IAPB team whose efforts exemplify the event's theme: Peter Ackland, Tejah Balantrapu, Alessandro Di Capua, Sarah Chemonges, Joanna Conlon, Adriane Becker Contreras, Sally Crook, Susan Evans, Damian Facciolo, Rebecca Girigalla, Zoe Gray, Philip Hoare, Joanna Jeremy, Robin Percy, Celene Leong, Saloni Nagpaul, Luis Perez, Yuddha Dhoj Sapkota, Elizabeth Tinsley, John Trevelyan, Johannes Trimmel, and Beibei Yi.

...and thank you for attending 10GA. See you next time in 2020





#StrongerTogether

Photography
Competition