

Date & Time	Lecture Title	Competencies	Learning Objectives
<p>Friday 28 October 11.00-12.30</p>	<p>Diabetic Retinopathy: Evidence-based Clinical and Public Health Care, Part 1 (UK GOC: C-52432; 1 CET point / SA UKZN: ODO002/02/06/2016, 1.5 CEU points level 1)</p> <p>Dr Tien Wong, Dr Silvio Mariotti, et alia</p> <p>This session will cover Global Epidemiology and Trends in Diabetic Retinopathy; The WHO Tool for the Assessment of Diabetic retinopathy and Diabetes Services; Evidence-based Management of Diabetic Retinopathy; Challenges and barriers in implementing evidence-based care of DR in Developed Countries; also challenges and barriers in implementing evidence-based care of DR in Developing Countries.</p> <p>http://10ga.iapb.org/events/course-3/</p>	<p> Optometrist:</p> <ul style="list-style-type: none"> Ocular disease Standards of practice <p>Therapeutic Optometrist:</p> <ul style="list-style-type: none"> Knowledge Options Safe Self and others <p>Dispensing Optician:</p> <ul style="list-style-type: none"> Ocular abnormalities Standards of practice <p> Optometrist</p>	<p><i>To understand diabetes management services at primary health care level and the level and quality of services required to detect, diagnose and manage diabetic retinopathy.</i></p> <p><i>To understand the challenges, barriers and the management of diabetic retinopathy.</i></p> <p><i>To understand and promote joint and synergistic interventions at local, regional and global level for the benefit of patients and management of diabetic retinopathy.</i></p>
<p>Friday 28 October 14.00-15.30</p>	<p>Rising Burden of Myopia and New Approaches for Its Management (UK GOC: C-52889; 1 CET point / SA UKZN: ODO002/02/06/2016, 1.5 CEU points level 1)</p> <p>Prof Kovin Naidoo, Prof Padmaja Sankaridurg, et alia</p> <p>Myopia is already or fast emerging to be a public health issue in many parts of the world. The statistics are alarming. In East Asian countries such as China, Taiwan, Singapore and Hong Kong nearly 50% of the population and over 70% of 17 year olds</p>	<p> Optometrist:</p> <ul style="list-style-type: none"> Ocular disease Optical appliances <p>Dispensing Optician:</p> <ul style="list-style-type: none"> Ocular abnormalities Refractive management Optical appliances <p>Contact Lens Optician:</p>	<p><i>To understand the increasing burden and current prevalence of myopia and high myopia and estimates for future prevalence to the year 2050, the evidence that eye growth can be regulated and guided by visual feedback and the risk factors for progression.</i></p> <p><i>To review the evidence for myopia control with optical, therapeutic and environmental approaches and innovative strategies to tackle the burden of myopia including current management of the complications associated with high myopia.</i></p>

	<p>suffer from myopia. It is increasingly becoming apparent that the approach to managing myopia needs to be multi-faceted and involving eye care practitioners, parents, schools, community, governments, councils and the myopic individuals themselves.</p> <p>http://10ga.iapb.org/events/course-6/</p>	<ul style="list-style-type: none"> • Contact lenses  <p>Optometrists</p>	<p><i>To understand optical, therapeutic and environmental approaches and innovative strategies to tackle the burden of myopia including current management of the complications associated with high myopia.</i></p>
<p>Friday 28 October</p> <p>14.00-15.30</p>	<p>Recognizing the Signs of Trachoma and Surgical Treatment for Trichiasis Surgery (UK GOC: C-52895; 1 CET point / SA UKZN: ODO002/02/06/2016, 1.5 CEU points level 1)</p> <p>Prof Sheila West, et alia</p> <p>This clinical session on trachoma will consist of two parts. The first is understanding the World Health Organization and Global Trachoma Mapping project approach to training for trachoma assessment. The second component will focus on training and update on surgery for trichiasis. A demonstration of using the HEADSTART surgical simulation tool will be carried out.</p> <p>http://10ga.iapb.org/events/course-7/</p>	 <p>Optometrist:</p> <ul style="list-style-type: none"> • Ocular disease • Standard of practice <p>Therapeutic Optometrist:</p> <ul style="list-style-type: none"> • Knowledge • Safe • Self and others <p>Dispensing Optician:</p> <ul style="list-style-type: none"> • Standards of practice • Ocular abnormalities  <p>Optometrists</p>	<p><i>To recognise rare presentations of eye disease. To understand the principles of grading standardisation, and specifically the approach to assessment of signs of trachoma.</i></p> <p><i>To understand the complicated cases of trichiasis and the options and effectiveness of different approaches to treatment and management when referring for specialist care.</i></p> <p><i>To understand the options and effectiveness of different approaches to treatment of trachoma and management when referring for specialist care.</i></p>
<p>Friday 28 October</p> <p>16.00-17.30</p>	<p>Developing a high-quality glaucoma care service in Africa (and beyond) (UK GOC: C-52928; 1 CET point / SA UKZN: ODO002/02/06/2016, 1.5 CEU points level 1)</p> <p>Dr Fatima Kyari, et alia</p>	 <p>Optometrist:</p> <ul style="list-style-type: none"> • Communication • Ocular disease • Standards of practice <p>Therapeutic Optometrist:</p>	<p><i>To be able to critically assess patients' perspectives on glaucoma care and be able to address them.</i></p> <p><i>To understand how to develop and implement efficient, streamlined high-quality glaucoma clinical care in practice to detect and refer glaucoma blindness effectively.</i></p> <p><i>To understand the steps taken to develop efficient,</i></p>

	<p>This course will describe the challenges and solutions of glaucoma care generally and in Africa. Challenges from the patients' perspectives as well as from the service provider perspectives will be discussed. On-going glaucoma sub-speciality training initiatives and intervention trials will be presented, with opportunities for discussion. The development of a model of high-quality glaucoma service will be described.</p> <p>http://10ga.iapb.org/events/course-11/</p>	<ul style="list-style-type: none"> • Share decision making • Self and others <p>Dispensing Optician:</p> <ul style="list-style-type: none"> • Communication • Ocular abnormalities • Standards of practice  <p>Optometrists</p>	<p><i>streamlined high-quality glaucoma care services.</i></p> <p><i>To be able to contribute and make recommendations to the continued development of glaucoma services.</i></p> <p><i>To understand how to develop and implement an efficient, streamlined high-quality glaucoma care service, including clinical care for the control of glaucoma blindness, in collaboration with specialists and other disciplines.</i></p> <p><i>To understand the steps taken to develop and implement an efficient, streamlined high-quality glaucoma care services, including clinical care and public health interventions for the control of glaucoma blindness.</i></p>
<p>Friday 28 October 16.00-17.30</p>	<p>Diabetic Retinopathy: A Global Disease In Local Communities - Part 2 (UK GOC: C-52894; 1 CET point / SA UKZN: ODO002/02/06/2016, 1.5 CEU points level 1)</p> <p>Ms Linda Hill, Prof Nathan Congdon, et alia</p> <p>This session will cover Global Epidemiology and Trends in Diabetic Retinopathy (DR) and in particular: the integration of eye health screening into diabetes management; the management of diabetes eye disease in areas of limited resources or reducing budgets; the role of prevention and the challenge of patient's compliance in addressing DR, as well as DR management comparisons across different countries.</p> <p>http://10ga.iapb.org/events/course-12/</p>	 <p>Optometrist:</p> <ul style="list-style-type: none"> • Ocular disease • Standards of practice <p>Therapeutic Optometrist:</p> <ul style="list-style-type: none"> • Knowledge • Options • Safe • Self and others <p>Dispensing Optician:</p> <ul style="list-style-type: none"> • Ocular abnormalities • Standards of practice  <p>Optometrists</p>	<p><i>To understand diabetes management services at primary health care level and the level and quality of services required to detect, diagnose and manage diabetic retinopathy.</i></p> <p><i>To understand the challenges, barriers and the management of diabetic retinopathy. Integrating eye health screening in to diabetes management and the challenge of patient compliance in addressing diabetic retinopathy.</i></p> <p><i>To understand and promote joint and synergistic interventions at local, regional and global level for the benefit of patients and management of diabetic retinopathy.</i></p> <p><i>To understand the need for integration of eye health screening into diabetes management and what we can learn about effectively managing diabetic eye disease even with limited resources and reducing budgets.</i></p> <p><i>To understand the challenges, barriers and the management of diabetic retinopathy particularly in patient compliance.</i></p>



			<p><i>To understand and promote joint and synergistic interventions at local, regional and global level for the benefit of patients and management of diabetic retinopathy.</i></p> <p><i>To understand and promote joint and synergistic interventions at local, regional and global level for the benefit of patients and management of diabetic retinopathy particularly in patient compliance.</i></p>
<p>Friday 28 October 16.00-17.30</p>	<p>Integrating Eye Health into School Health Programmes (UK GOC: C-52695; 1 CET point / SA UKZN: ODO002/02/06/2016, 1.5 CEU points level 1)</p> <p>Prof Kovin Naidoo, Mr Hasan Minto, et alia</p> <p>With increasing prevalence of refractive errors and eye health problems in children it is imperative that eye health services are offered to children as early and as effectively as possible. School health programs provide an ideal platform to reach the majority of children. The course aims to inform the participants on school eye health delivery models and screening guidelines.</p> <p>http://10ga.iapb.org/events/course-13/</p>	<p> Optometrist:</p> <ul style="list-style-type: none"> • Standards of practice • Assessment of visual function • Ocular disease <p>Dispensing Optician:</p> <ul style="list-style-type: none"> • Standards of practice • Refractive management • Ocular abnormalities <p> Optometrists</p>	<p><i>To understand the benefit of using child to child approaches to health promotion communication and other methods for advocacy for School Eye Health i.e. health education and literacy, empowerment, increasing awareness.</i></p> <p><i>To understand integration of eye health into school health programmes for the correction of refractive error, provision of spectacles.</i></p> <p><i>To understand methods for identification of children with visual impairment. To understand integration of eye health into school health programmes for the correction of refractive error, provision of high quality spectacles which look good (to help take-up and usage) and which are comfortable, durable and affordable.</i></p> <p><i>To understand primary management for common and acute cases, e.g. infections, trauma and be aware of programmes for locally endemic diseases especially those targeted for elimination e.g. trachoma, and conditions of public health significance e.g. Vitamin A deficiency.</i></p> <p><i>To understand integration of eye health into school health programmes for the correction of refractive error, provision of high quality spectacles which look good (to help take-up and</i></p>



		<p><i>usage) and which are comfortable, durable and affordable. To be able to describe service delivery models for School Eye Health. To be able to describe School Eye Health screening guidelines. To understand the importance of monitoring and evaluation of School Health Programmes.</i></p> <p><i>To understand the benefit of using child to child approaches to health promotion communication and other methods for advocacy for School Eye Health i.e. health education and literacy, empowerment, increasing awareness to ensure uptake of vision screening where offered in schools (with appropriate referral) and also uptake of eye exams by under 16s in optical practices where symptoms occur (free to under 16s under the NHS).</i></p> <p><i>To understand integration of eye health into school health programmes for the correction of refractive error through (in the UK) orthoptist led screening programmes (also delivered by optometrists in some areas), awareness of eye health issues in schools (delivered currently by DOs, Optometrists and others), and also to follow the referral pathway from screening to eye exam, spectacle dispensing if required, and referral to specialist care if indicated, working with specialist in different professions at each level.</i></p> <p><i>To understand the importance of monitoring and evaluation of School Health Programmes to ensure effective identification and referral of children of appropriate ongoing examination and care.</i></p> <p><i>To understand methods for identification of children with visual impairment within a large scale screening process, and also the procedure for those who are identified with reduced visual acuity to be referred for eye exam and if required spectacles.</i></p>
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<p>Saturday 29 October</p> <p>11.00-12.30</p>	<p>Optometric Clinical Practice (UK GOC: C-52749; 1 CET point / SA UKZN: ODO002/02/06/2016, 1.5 CEU points level 1)</p> <p>Mr Alvin Munsamy, Mr Hasan Minto, et alia</p> <p>A vast array of clinical issues face the optometric practitioner at any given time. These issues very often are set aside due to lengthy chair time required for assessment and limited resources available from patients to acquire feasible solutions. This course will focus on:</p> <ul style="list-style-type: none"> - Effective assessment strategy for common binocular vision anomalies - Effective strategies in educating children with low vision - Use of drugs in the treatment of inflammatory eye diseases <p>http://10ga.iapb.org/events/course-18/</p>	 <p>Optometrist:</p> <ul style="list-style-type: none"> • Ocular disease • Binocular vision • Optical appliances • Communication • Standards of practice <p>Therapeutic optometrist:</p> <ul style="list-style-type: none"> • Knowledge • Options <p>Dispensing Optician:</p> <ul style="list-style-type: none"> • Ocular abnormalities • Low vision • Communication • Standards of practice  <p>Optometrists</p>	<p><i>To have an understanding of the indications for the drugs used in the treatment of inflammatory eye disease and their position in treatment algorithms. To have an understanding of the role of local versus systemic agents. To be conversant with the adverse effects and monitoring protocols for the most common drugs. To be aware of the role of the newer biological agents.</i></p> <p><i>To develop an effective assessment strategy for common binocular vision anomalies. To understand routine tests that can be used to diagnosis convergence and divergence disorders.</i></p> <p><i>Describe effective refraction and low vision device strategies for improved visual function in educating children with low vision.</i></p> <p><i>To understand the importance of cross sectoral collaboration and communication between parents, teachers and clinical care providers in maximising a child's residual low vision.</i></p> <p><i>To be conversant with the adverse effects and monitoring protocols for the most common drugs used in the treatment of inflammatory eye disease.</i></p>
<p>Saturday 29 October</p> <p>14.00-15.30</p>	<p>Glaucoma Clinical Care (UK GOC: C-52693; 1 CET point / SA UKZN: ODO002/02/06/2016, 1.5 CEU points level 1)</p> <p>Dr David Friedman, et alia</p> <p>This course will provide an update on clinical care for glaucoma patients. Glaucoma is the second leading cause of blindness</p>	 <p>Optometrist:</p> <ul style="list-style-type: none"> • Communication • Ocular disease • Standards of practice <p>Therapeutic optometrist:</p> <ul style="list-style-type: none"> • Knowledge 	<p><i>To be able to critically assess patients' perspectives on glaucoma care and be able to address them.</i></p> <p><i>To be able to critically assess the impact of glaucoma on patients.</i></p> <p><i>To understand current approaches to diagnose glaucoma. To know the current recommended treatment guidelines. To understand the findings from recent clinical trials.</i></p>

	<p>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.</p> <p>http://10ga.iapb.org/events/course-21/</p>	<ul style="list-style-type: none"> • Share decision making • Self and others <p>Dispensing Optician:</p> <ul style="list-style-type: none"> • Ocular abnormalities • Communication • Standards of practice  <p>Optometrists</p>	<p><i>To understand the steps taken to develop and implement an efficient, streamlined high-quality glaucoma care services, including clinical care and public health interventions for the control of glaucoma blindness.</i></p>
<p>Saturday 29 October 16.00-17.30</p>	<p>Rising Burden of Uncorrected Refractive Errors and Its Multiple Factors (UK GOC: C-52893; 1 CET point / SA UKZN: ODO002/02/06/2016, 1.5 CEU points level 1)</p> <p>Prof Kovin Naidoo, Mr Hasan Minto, et alia</p> <p>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.</p> <p>http://10ga.iapb.org/events/course-27/</p>	 <p>Optometrist:</p> <ul style="list-style-type: none"> • Optical appliances • Ocular disease • Standards of practice <p>Dispensing Optician:</p> <ul style="list-style-type: none"> • Optical appliances • Ocular abnormalities • Standards of practice  <p>Optometrists</p>	<p><i>To determine and compare the factors associated with compliance of spectacle wear in children and to adjust spectacle dispensing and advice to maximise compliance and improved vision.</i></p> <p><i>To understand the current prevalence of refractive errors and estimates for future rising burden of myopia and its impact.</i></p> <p><i>To work with colleagues and specialists to understand and increase compliance of spectacle wear in children and to manage refractive errors effectively.</i></p>
<p>Saturday 29 October 16.00-17.30</p>	<p>Risk factors and clinical investigation of Age-related Macular Degeneration (UK GOC: C-52957; 1 CET point / SA UKZN: ODO002/02/06/2016, 1.5 CEU points level 1)</p> <p>Dr Kgaogelo Edward Moleke Legodi, Dr Ogugua Ndubuisi</p>	 <p>Optometrist:</p> <ul style="list-style-type: none"> • Ocular disease • Standards of practice <p>Therapeutic optometrist:</p>	<p><i>To understand the pathophysiological process involved in the development of AMD and risk factors associated with AMD and their implications.</i></p> <p><i>To understand the developments in treatment of AMD and current advanced and locally innovative investigatory modalities for AMD.</i></p>

	<p>Okonkwo, et alia</p> <p>This course will look at the pathophysiology, risk factors and clinical investigation of Age-related Macular Degeneration. 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.</p> <p>http://10ga.iapb.org/events/course-28/</p>	<ul style="list-style-type: none"> • Knowledge • Options • Self and others <p>Dispensing Optician:</p> <ul style="list-style-type: none"> • Ocular abnormalities • Standards of practice  <p>Optometrists</p>	<p><i>To understand the developments in treatment of AMD and current advanced and locally innovative investigatory modalities for AMD in order to refer appropriately to optometrist or specialist.</i></p>
<p>Sunday 30 October 11.00-12.30</p>	<p>Low Vision: Programme Challenges (UK GOC: C-52956; 1 CET point / SA UKZN: ODO002/02/06/2016, 1.5 CEU points level 1)</p> <p>Prof Jill Keeffe, et alia</p> <p>The course will present tools to undertake a situation analysis for comprehensive low vision care for adults and children and will present progress by the World Health Organization on the development of standards of care which will be available to guide countries to start or expand their low vision services. The range of technology and devices recommended for each level within a model of care will also be described.</p> <p>http://10ga.iapb.org/events/course-31/</p>	 <p>Optometrist:</p> <ul style="list-style-type: none"> • Optical appliances • Assessment of visual function • Standards of practice <p>Dispensing Optician:</p> <ul style="list-style-type: none"> • Low vision • Standards of practice  <p>Optometrists</p>	<p><i>To learn about the range of materials, devices and technology to assess peoples' needs and prescribe the necessary devices and training in an integrated low vision programme.</i></p> <p><i>To have an awareness of the sources of information about what constitutes a comprehensive model of low vision care and how to implement such management programmes effectively for improved patient outcomes.</i></p> <p><i>To understand the benefits of working collaboratively with other specialists and colleagues in order to become familiar with the use of tools and guidelines to assist in planning and delivering effective low vision programs, gain awareness of the needs and training of different cadres in the workforce who deliver different components in low vision programmes, and to develop information systems across disciplines and cadres to plan, monitor and evaluate low vision services.</i></p>
<p>Sunday 30 October 14.00-15.30</p>	<p>Ocular therapeutics for optometrists (UK GOC: C-52104; 1 CET point / SA UKZN: ODO002/02/06/2016, 1.5 CEU points level 1 and 1 CEU point level 2, ethics)</p>	 <p>Optometrist:</p> <ul style="list-style-type: none"> • Ocular disease • Standards of practice 	<p><i>To be able to describe the drugs currently used in inflammatory eye disease.</i></p> <p><i>To understand the ethical issues involved in the provision of</i></p>



	<p>Dr Vanessa Moodley, Ms Dhanes Thomas and Prof Paul Ramkissoo</p> <p>Therapeutic services have recently been added to the variety of services provided by optometrists and increased their scope of practice. The course will outline drugs currently in use for inflammatory eye disease, ethical issues associated with the use of therapeutic drugs and emergency care associated with therapeutic drug use.</p> <p>http://10ga.iapb.org/events/course-37/</p>	<p>Therapeutic optometrist:</p> <ul style="list-style-type: none">• Knowledge• Options• Safe• Professional• Self and others <p>Dispensing Optician:</p> <ul style="list-style-type: none">• Ocular abnormalities• Standards of practice <p> Optometrists</p>	<p><i>therapeutic services by optometrists in a multi-level healthcare setting.</i></p> <p><i>To understand the procedures to administer in emergencies arising from therapeutic drug use and when and to whom to refer or consult.</i></p>
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