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नेपाल दृष्टि विशेषज्ञ संघ

24th APOC 2024

ASIA PACIFIC OPTOMETRIC CONGRESS

Organised by



ASIA PACIFIC COUNCIL
OF OPTOMETRY

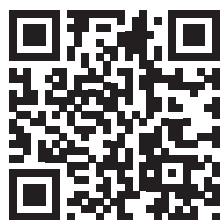
Optometry Excellence: Bridging Global Innovations

Scientific Program Book

7-8 September
2024

Park Village Resort
By KGH Group,
Kathmandu Nepal.

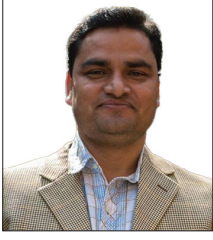
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प्रदीप पौडेल
Pradip Paudel

स्वास्थ्य तथा जनसङ्ख्या मन्त्री
Minister for
Health and Population



नेपाल सरकार
Government of Nepal

स्वास्थ्य तथा जनसङ्ख्या मन्त्रालय
Ministry of Health and Population



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Website: www.mohp.gov.np

रामशाहपथ, काठमाडौं, नेपाल
Ramshahpath, Kathmandu, Nepal

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Preface

It is with profound honor and distinguished pleasure that I extend my warmest welcome to all esteemed participants of the 24th Asia Pacific Optometry Conference (APOC), scheduled for 7th and 8th of September 2024. Hosted for the first time in Nepal by Nepalese Association of Optometrists (NAO), this notable event, themed "Optometry Excellence: Bridging Global Innovations," marks a significant and historic occasion in our nation's journey towards advancing the field of optometry.


The privilege of hosting this prestigious conference underscores Nepal's growing role in the international optometry community. This conference provides a unique platform for exchange of cutting-edge knowledge and cultivation of collaborative efforts aimed at enhancing global eye health.

The theme "Bridging Global Innovations" aptly reflects our commitment to integrate pioneering advancements with local practices. As far as I know, this conference is designed to foster comprehensive dialogue among global leaders in optometry and the regional context, to ensure that innovative approaches and best practices are effectively shared and implemented. Our goal is to bridge the gap between global expertise and local needs, ultimately advancing the quality of eye care across diverse communities.

The Ministry of Health and Population is fully committed to support this event in every aspect to ensure its grand success. We are dedicated to providing all necessary assistance and resources to facilitate a highly productive and insightful experience for all attendees. As you engage in this momentous occasion, I encourage you all to actively participate in the sessions, share your expertise, and seize the opportunity to collaborate on new initiatives that will shape the future of optometry.

My sincere appreciation to all of you for joining this historic endeavor and I wish you a successful and enriching conference experience and look forward to the advancements and collaborations that will emerge from our collective efforts.

With sincere regards,


Pradip Paudel
Minister

Welcome message, President, World Council of Optometry (WCO)

Hello,

Greetings from World Council of Optometry!

Thank you for the opportunity to connect with you during this exciting time. I am thrilled to welcome everyone to the Asia Pacific Optometry Congress here in Kathmandu, Nepal. The theme of this year's conference, "Optometry Excellence - Bridging Global Innovations," truly captures the spirit of our profession and the dynamic changes occurring in eye care.

2024 is indeed an exciting time to be a practicing optometrist.. The impact of the World Report on Vision, even five years after its release, continues to shape and benefit our profession in significant ways. The report focused on many vision and eye health problems that optometry is best suited to address directly or are involved in developing awareness, diagnosing and treating or making the referral for secondary or tertiary care. Key areas of focus from the report that highlight optometry's critical role include:

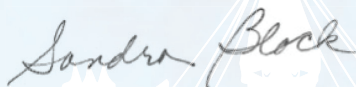
1. **Addressing Uncorrected Refractive Errors:** This remains central to optometry, involving everything from screening and education to diagnosis and treatment.
2. **Reframing Myopia:** The shift in understanding myopia as a disease rather than just a refractive error has reinforced our role as primary eye care providers.
3. **Advancements in Research:** Optometric research is leading to better outcomes and enhancing patient care.
4. **Early Detection of Conditions:** Managing conditions such as diabetic retinopathy and glaucoma is crucial for maintaining overall eye health.

WHO published The Eye care Competency Framework that highlighted optometry as an autonomous provider of primary care. WCO has noted that optometry has had a voice in the development in many of the tools and publications. We all realize that the competencies expected at graduation from a four-year optometric program have placed us at a high level with respect to diagnosis, treatment and rehabilitation of vision disorders. I personally love to hear what is new, what is better and how I can provide the highest level of eye care for my patients

I also want to express my sincere appreciation to Dr. Rajeev Prasad, the APCO leadership, and the executive board of APCO and NAO. Your outstanding efforts in organizing this conference and your commitment to aligning with the World Council of Optometry's mission and vision are truly commendable. I am excited to see how our collective efforts will continue to drive excellence in optometry and make a lasting impact.

Wishing you all a successful, stimulating, and inspiring conference.

Best regards,



Professor Sandra Block
President, World Council of Optometry



Welcome message President, Asia Pacific Council of Optometry

Dear Esteemed Colleagues, Friends, and Delegates,

Namaste and welcome to the Asia Pacific Optometric Congress (APOC) 2024 in the enchanting city of Kathmandu, Nepal! It is my great honor and privilege to extend this warm greeting to all of you as we gather for what promises to be an inspiring and transformative event.

APOC 2024 is not just a conference; it is a celebration of our collective dedication to advancing optometry and eye care across the Asia Pacific region. The theme, "Optometry Excellence - Bringing Global Innovations" encapsulates our shared commitment to fostering innovation, embracing integration, and driving excellence in our profession.

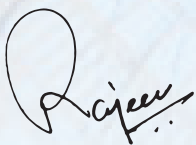
As we come together in this historic and culturally rich city, I encourage you to immerse yourselves in the wealth of knowledge, experience, and ideas that will be shared. The diverse program we have assembled is designed to challenge our thinking, enhance our skills, and inspire us to push the boundaries of what is possible in optometry.

Kathmandu, with its unique blend of ancient heritage and vibrant modernity, provides the perfect backdrop for our congress. I hope you take the time to explore its wonders, connect with fellow professionals, and create lasting memories.

I would like to express my deepest gratitude to the organizing committee, our partners, and all of you for making this congress possible. Your passion and commitment to the field are what make APOC a cornerstone of optometric advancement in our region.

Thank you for being a part of APOC 2024. Together, let us shape a brighter future for optometry and the communities we serve.

With warm regards,



Dr. Rajeev Prasad
President,
Asia Pacific Council of Optometry



Welcome message President, Nepalese Association of Optometrists

Dear Colleagues and Friends,

It is with immense pleasure and pride that I welcome you all to the 24th Asia Pacific Optometry Congress here in the vibrant and historic city of Kathmandu, Nepal. As the Co-Chair of this prestigious event and the President of the Nepalese Association of Optometrists, it is my honour to host such a distinguished gathering of professionals dedicated to advancing the field of optometry.



This congress serves as a pivotal platform for sharing knowledge, innovations, and best practices that are shaping the future of optometry. Our theme this year, "Optometry Excellence: Bridging Global Innovations," reflects our collective commitment to improving eye care and visual health for communities across the Asia-Pacific region and beyond.

We are fortunate to have an exceptional lineup of speakers, researchers, and practitioners who will be presenting the latest advancements and research in our field. Their contributions are invaluable in fostering a collaborative environment where we can learn from each other and enhance our professional skills.

I would like to extend my heartfelt gratitude to the organizing committee, sponsors, and volunteers whose dedication and hard work have made this congress possible. I also want to thank all the participants for taking the time to join us. Your presence is a testament to your commitment to our profession and to the betterment of global eye care.

As you engage in the sessions, discussions, and networking opportunities, I encourage you to embrace the spirit of collaboration and innovation. Let us use this congress as a springboard to forge new partnerships, explore novel ideas, and inspire each other towards excellence in optometry.

Finally, I hope you take some time to explore the rich cultural heritage and natural beauty of Kathmandu. May your experience here be both professionally enriching and personally memorable.

Thank you and welcome to the 24th Asia Pacific Optometry Congress.

Warm regards,

A handwritten signature in black ink, appearing to read 'Niraj', with a stylized flourish at the end.

Niraj Dev Joshi

Co-Chair, 24th Asia Pacific Optometry Congress
President, Nepalese Association of Optometrists

Welcome message Organizing Secretary

As the Organizing Secretary of the 24th Asia Pacific Optometric Conference, it is my distinct honour to welcome you to this prestigious event held on September 7-8, 2024. Under the theme "Optometry Excellence: Bridging Global Innovations," this conference is dedicated to advancing the field of optometry through a collaborative and innovative approach.

This year's conference promises a diverse and enriching program, featuring oral presentations and poster sessions that will showcase cutting-edge research and clinical practices from across the globe. Attendees will have the unique opportunity to engage with pioneering experts during our specialty workshops, which are designed to enhance practical skills and knowledge in various optometric specialties.

We are also proud to host panel discussions focusing on policy, health systems, and the specific challenges and advancements within the optometry field in the Asia Pacific region. These discussions aim to foster dialogue and collaboration among professionals, policymakers, and educators, ultimately contributing to the betterment of eye care services and public health.

I extend my heartfelt gratitude to all the participants, presenters, and sponsors who have contributed to making this conference a significant milestone in our journey towards optometric excellence. Let us use this platform to exchange ideas, inspire innovation, and build lasting professional relationships.

Welcome to the 24th Asia Pacific Optometric Conference.

Warm regards,



Dipak Kumar Sah
Organizing Secretary



APOC Organizing Committee Advisors



Prof Carly Lam
EX-President
Asia Pacific Council of
Optometry (APCO)



Sanjeeb Mishra
Assistant professor
(MMC, IOM, TU)
Ex- President of NAO
Ex-Board Member of NHPC

APOC Organizing Committee



Dr Rajeev Prasad,
APCO
Organizing Chairman



Niraj D Joshi,
NAO
Organizing Co-Chairman



Dipak Kumar Sah
NAO
Organizing Secretary



Dr Ahmad Fuzai
APCO
Treasurer



Junu Shrestha
NAO
Co-Treasurer

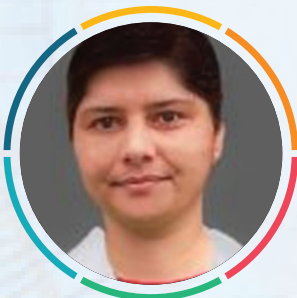
APOC Scientific Committee

Chairperson



Dr Anuja R Singh
Professor and Head
Dean of School of life and health Sciences
Professor of Optometry
Joy University, India

Member



Dr Vidyut Rajhans
Vice Principal
Laxmi College of Optometry,
Laxmi Eye Institute
Panvel, Maharashtra, India



Prof Byoung-Sun Chu
Department of Optometry & Vision Science
Daegu Catholic University, Korea



Dr Prakash Poudel
Research and Evaluation Officer at
Brien Holden Foundation,
Adjunct senior lecturer at University of
New South Wales, Australia



Dr Raju Sapkota
Senior Research Fellow
Vision and Eye Research Institute
Anglia Ruskin University,
United Kingdom



Dr Dinesh Kaphle
Lecturer
Discipline of Optometry
and Vision Science
The University of Canberra, Australia



Raju Kaiti
Assistant Professor
National Academy of Medical Sciences, Nepal
Senior Research Fellow
Consultant Optometrist, Nepal Eye Hospital



Dr Ramkailash Gujar
Scientist
Dr Shroff's Charity Eye Hospital,
Daryaganj, New Delhi, India

APOC Scientific Sub-Committee



Raju Kaiti
Sub-committee
Co-ordinator



Hari Thapa
Senior Researcher
Lumbini Eye Institute
and Research Center



Pankaj Ray Adhikari
Former President
NAO Koshi Province
Head of Optometry and Vision
Science, Assistant Professor
Biratnagar Eye Hospital



Gopal Bhandari
Senior Researcher
Bharatpur Eye Hospital



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Former vice-president
NAO, Koshi Province
Ram Lal Golchha Eye
Hospital foundation



Amit Kr. Singh
Former Joint Secretary
NAO, Koshi Province
HOD, Optometry Department
Mehi Eye Hospital



Rakesh Kumar Sah
Secretary, NAO, Koshi
Province OPD Incharge
Divya Jyoti Hospital



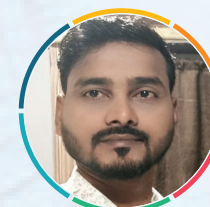
Dr. Sudarshan Khanal
Member, Public Health
Committee, WCO
Program Coordinator,
Better Vision Foundation Nepal



Niranjana Sharan
Member NAO
BPKLCOS, TUTH



Alisha Regmi
Assistant Professor
Himalaya Eye Hospital



Sanjay Kumar Sah
Joint Secretary, NAO,
Koshi Province
Biratnagar Eye Hospital



Manish Dahal
Pediatrics and Binocular
Vision Services
Nepal Eye hospital



Shiv Naresh Gupta
Joint secretary, NAO,
Madhesh Pradesh
Divya Jyoti Hospital



Bipin Koirala
Clinical Researcher



Manisha Paudel
PGDOVS student at LVPEI



Binesh Gautam
Consultant Optometrist
President: ForOptom Vision
Academy and research center



Abhinash Jha
Secretary at NAO, Madhesh Pradesh
Operational Manager
Everest Hospital



Ranjila Shyangbo
PhD Candidate at UC Berkeley

APOC Event Management Committee



Dr. Mukesh Kumar Jha
Committee
Co-ordinator



Jay Sundar Sunrait
Nepal Medical College
and Teaching Hospital,
Member of NAO



Suraj Chhetri
Instructor
Institute of Medicine,
Tribhuvan University
Member of NAO



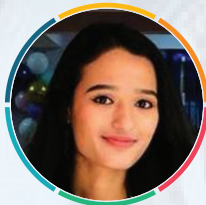
Monika Mandal
Member of NAO
Business Head
Shivaay International
Pvt. Ltd.



Ravi Shankar Chaudhary
President of NAO,
Madhesh Pradesh



Dr. Gyan Bahadur Basnet
Assistant Professor
Himalayan Eye Institute



Manisha Koirala
Student of B. Optometry,
MMC, IOM President of Nepal
Optometry Students Society



Yutsa Thapa
Student of B. Optometry,
MMC,
IOM Vice President of Nepal
Optometry Students Society



Nisha Bishwakarma
Student of B. Optometry,
MMC
IOM Secretary of Nepal
Optometry Students Society



Suresh Awasthi
Head of Department
Optometry
Geta Eye Hospital



Deevya Danuwar
Treasurer of Nepal
Optometry Students'
Society, IOM



Anisha Heka
Private Practice



Lal Mohammad
Drishti Eye & ENT Hospital
Former President of NAO,
Madhesh Pradesh



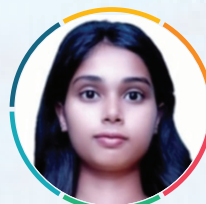
Manish Panjiyar
Birtamode Eye Hospital



Akhilesh Mandal
B.L. Eye Care & Opticals



Bikash Kumar Sah
Vic-President of NAO
Madhesh Pradesh NRCS
Shree Janki Eye Hospital

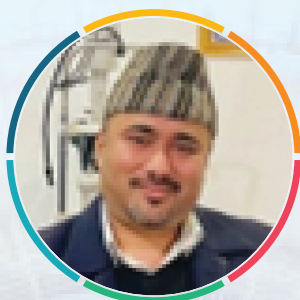


Sneha Sah
Drishti Eye Care Center

APOC Fund Raising Committee



Krishna Kumar Dhankhoti
Coordinator
Fund Raising Committee



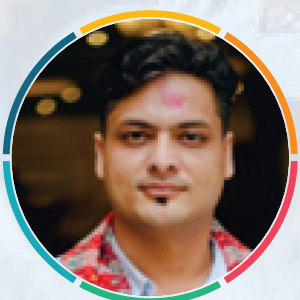
Dr. Amit KC
Founder President, NAO,
Lumbini Province CEO,
Lumbini eye care center



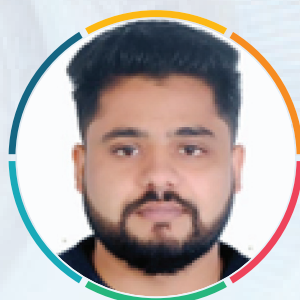
Ajit Kumar Thakur
President,
NAO, Koshi Province
Drishti eye hospital



Dr. Arpan Kumar Silwal
Optical Incharge
Nepal Eye hospital



Prabhat GC
President, NAO,
Lumbini Province
Butwal Eye Care Center



Krishna PSD Bhattarai
Care4sight eye clinic



Sanjeev Kumar Yadav
Treasurer, NAO, Koshi Province
Ramlal Golchha Eye Hospital
Foundation



Prabhat Deo
Co-ordinator and
Diagnostic Incharge
Birat Medical College
Teaching Hospital

Panel Discussion



Dr. Krishna Prasad Paudel
Chief, Policy, Planning &
Monitoring Division, Ministry
of Health & Population
Government of Nepal

Dr. Krishna Prasad Paudel completed MBBS from Manipal College of Medical Sciences in 2002 and served as a Medical Officer of Department of Pediatrics Manipal Teaching Hospital before joining Government job. He joined the Government of Nepal Ministry of Health in 2004 as a Medical Officer starting career as In-charge of Bhimad Primary Health Care Centre Tanahun. After completion of his MD, he joined Kanti Children's Hospital and served in different roles as medical officer and consultant Pediatrician at Kanti Children's Hospital. After 2013, he served as Chief Consultant Pediatrician, chief of Unit, Head of the Department as well as Director at Kanti Children's Hospital. He was Associate Professor of Pediatrics at Kanti Children's Hospital - Pediatrics Department of Pediatrics of NAMS before he moved to Public Health. He did his Master of Public Health as an Australia Awards Scholarship at University of Melbourne in 2019. He served as Director of the Child Health Division and director of Epidemiology and Disease Control Division. and Spokesperson of the Ministry of Health and Population during COVID Pandemic period. He is now serving as the chief of Policy Planning and Monitoring Division of the Ministry of Health and Population in Nepal."



Dr Lonim Prasai Dixit
National Professional Officer (NPO)
World Health Organization
(WHO), Nepal Country Office

Dr Lonim Prasai Dixit is the National Professional Officer, Non communicable diseases (NCDs) at World Health Organization, Nepal. Dr. Dixit is a public health expert with focus on NCDs, nutrition and tobacco control. Dr. Dixit has supported government to develop policies, strategies and technical packages aimed towards prevention and control of NCDs and advance its implementation including to accelerate implementation of the WHO Framework Convention on Tobacco Control. Dr. Dixit's experience in teaching and public health sector is over two decades and she has contributed significantly at various capacities: Head of Department, Hospital Deputy Director, Health Director. She was awarded a certificate of appreciation by former Minister of Education and received "spotlight" from WHO Headquarters. She has also contributed to number of scientific publications.

Panel Discussion



Niraj Dev Joshi
President,
Nepalese Association Of
Optometrists (NAO)

Niraj Dev Joshi is currently president of Nepalese Association of Optometrists since 2019. He is one of the founder members of Nepalese Association of Optometrists. Under his leadership, the Association has focused on improving professional standards, advocating for better eye health policies, and providing training and resources for optometrists across the country.

He is currently serving as treasurer of Asia Pacific Council of Optometry(2023-25). He is also the Member of HighLevel Committee In Eye Care (Government Of Nepal) representing Nepalese Association of Optometrists. Mr. Joshi is the Programme Co-Ordinator (Bachelor Of Optometry) in Institute of Medicine, Maharajgunj Medical Campus. His Area of Interest is Low Vision and Rehabilitation and Community Eye Care.

His commitment to enhancing optometric practices and promoting vision health has made him a key figure in the field, contributing to significant improvements in eye care services in Nepal.



Yuddha Dhoj Sapkota
Head of the Region South
East Asia, International
Agency for Prevention of
Blindness (IAPB)

Yuddha Dhoj Sapkota currently Head of the Region South East Asia, International Agency for Prevention of Blindness, started his career in eye health in 1980 as an Ophthalmic Medical Assistant. After six years of clinical work in different eye hospitals, community outreach and primary eye care centres his responsibility is added as Out-reach Coordinator. In 1988 He has given the responsibility to manage the eye care services of three zones (provinces) Gandaki, Dhaulagiri and Karnali zones of western Nepal. In 1996, he was appointed as Hospital Administrator at Himalaya eye Hospital, Pokhara along with his previous responsibility.

Mr Sapkota has undergone DCEH course in London in 1989 and completed his Master degree MSc (International Health) from University of Heidelberg, Germany in 2001. After this degree in 2003 Mr Sapkota was appointed as head of Research and Monitoring Department at Nepal Netra Jyoti Sangh (NNJS). He was also managing the National Programme for control of Childhood Blindness in Nepal, as Programme Coordinator since 2010-2014.

Mr Sapkota is LSHTM certified RAAB trainer and has published more than three dozen research articles in international peer reviewed journal.

Mr Sapkota has been awarded with best Ophthalmic Medical Assistant Award by Social Welfare Council of Nepal in 1992, best employee award in 2004, "Outstanding Service in Prevention of Blindness" by Asia Pacific Academy of Ophthalmology in 2008, Nepal (ACOIN) award by Association of Community Ophthalmologist of India in 2010.

Panel Discussion



Anil Prasad Gorkhaly
Country Director,
Eye Care Foundation, Nepal

Mr. Gorkhaly worked in different position in eye care sector since last three decades. Graduated from Delhi University, India. Holds two master degrees; Master of Business Administration and Master of Development Management from Asian Institute of Management, Manila Philippines. Involving and managing different Eye Hospitals in Nepal. He is also board member of Himalaya Eye Hospital Pokhara and recently elected as Treasurer of Nepal Eye Hospital. Anil also represents in the High-Level committee of Eye Health, a national level steering committee under the leadership of Secretary Ministry of Health and Population.

He attended short course on Eye health and VISION 2020 planning at London School of Hygiene and Tropical Medicine, London UK. Likewise, Management training for Eye Care Manager course was completed from LAICO Madurai, India. As part of Master of Development Management course he did his International Field

Review course in Thailand. APAO presented him with the Outstanding Service in the Prevention of Blindness Award-2012, Busan South Korea, recognizing his vast contribution in the field of preventing and curable blindness.

Anil served as Country Manager for Eye Care Foundation, Cambodia for two years and now he is responsible to supervise and monitor the Eye Care Foundation programs in Tanzania.



Junu Shrestha
Board of Director
Health Insurance Board,
Government of Nepal
Global Policy and Advocacy
Manager, IAPB

Junu Shrestha is the Board of Directors of the Health Insurance Board of Nepal Government. She has been participating in strategic planning of health insurance program, contributing to formulation of policies, and providing leadership and direction to ensure the board operates effectively. She led the recent revision of benefit package of the Health Insurance Board.

Junu works as Policy and Advocacy Manager at International Agency for the Prevention of Blindness, the global alliance for eye health. She leads the development and delivery of Integrated People-centred eye care, closely with WHO and IAPB members to facilitate implementation of IPEC in countries. In addition, she monitors relevant activities of key international institutions such as WHO and UN to identify policy and advocacy opportunities to advance the issues of vision and eye health.

She graduated from the London School of Hygiene and Tropical Medicine (LSHTM) and the London School of Economics and Political Sciences (LSE) in the subject MSc in Health Policy, Planning, and Financing, under the prestigious UK government's Chevening scholarship. Junu is the gold medallist of Bachelor in Optometry and Masters in Public Health from Institute of Medicine, Tribhuvan University. She was awarded with IAPB Eye Health Hero in 2020.

PANEL DISCUSSION

‘APCO Talks On Eye Health: A Policy Conclave’

7th September 2024, 10:30am - 11:30am

Moderator



Junu Shrestha

Board of Director
Health Insurance Board, Government of Nepal
Global Policy and Advocacy Manager, IAPB

Panelists



Dr. Krishna Prasad Paudel

Chief, Policy, Planning & Monitoring Division,
Ministry of Health & Population
Government of Nepal



Dr. Lonim Prasai Dixit

National Professional Officer (NPO)
World Health Organization (WHO),
Nepal Country Office



Niraj Dev Joshi

President,
Nepalese Association Of
Optometrists (NAO)



Yuddha Dhoj Sapkota

Head of the Region South East Asia,
International Agency for Prevention of
Blindness (IAPB)



Anil Gorkhaly

Country Director
Eye Care Foundation

Invited Speakers Session

K. B. Woo Lecture

Title: Advancing eye care in Hong Kong: From optometric development to addressing eye care utilization of individuals with physical disabilities.



Dr. Rufina Chan
Optometrist
Australia

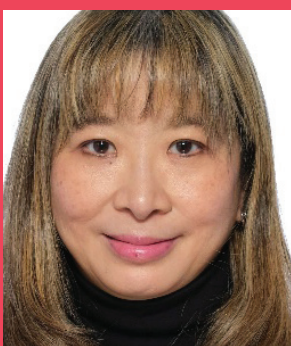
Abstract

Optometry in Hong Kong has evolved significantly from traditional apprentice-based learning and limited recognition within the broader healthcare community to the current role of primary eye care providers with university degree training and standardized professional competencies. However, despite the profession's advancements, challenges persist in the utilization of eye care services among individuals with physical disabilities. This presentation explores these obstacles and proposes strategies to enhance accessibility and inclusivity in optometric care for this underserved population in Hong Kong.

Biography

Dr. Rufina Chan graduated from the University of New South Wales and obtained her Master of Optometry in 1999. She was recognized as a Fellow of the American Academy of Optometry, and she also holds a Doctor of Health Science degree. Dr. Chan was the chairperson of the Hong Kong Society of Professional Optometrists and has served on the committee of the Hong Kong Board of Optometry. Dr. Chan was also involved in the Special Olympics Opening Eyes Programme in Hong Kong for the past 20 years.

Title: Case management of AMD patients from optical aids to AI apps and digital technology.



Dr. Helen Eng
Hong Kong

Abstract

With the advancement of medicine and the ageing population, age-related macular degeneration (AMD) is a common cause of visual impairment. AMD patients need higher magnification for reading and distance viewing. Low vision glasses and devices can help enhance their remaining vision. Case history, age, education, family support and patient motivation are important factors for establishing visual goals.

Case illustrations of 2 vision rehabilitation plans will be presented. Magnification calculation for distance and near optical aids will be reviewed. A preview of digital devices training and an introduction of popular AI apps will also be presented.

Biography

Dr. Helen Eng is an optometrist in private practice with special interest in myopic control, specialty contact lens, Dry eyes and vision rehabilitation. She obtained her doctor of optometry from the University Of Montreal, Canada and then did her fellowship of the American Academy of Optometry (2003). She currently also works part time at the Vision Rehabilitation Clinic at the School of Optometry at the Hong Kong Polytechnic University in Hong Kong. She is currently the Immediate Past President of the Hong Kong Academy of Orthokeratology.

Invited Speakers Session

Title: Refractive error and school eye health: A public health challenge and professional opportunity



Dr. Prakash Poudel
Brien Holden
Foundation,
Adjunct senior
lecturer at UNSW,

Abstract

Uncorrected refractive error (URE) is the major cause of childhood vision impairment (VI). The prevalence of VI due to URE in children ranges from 2 to 8% and the prevalence of RE range from 7 to 22% across the WHO regions. These prevalence figures are based on limited population-based and school-based studies that use the standard RESC protocol. Yet many school-based studies lack the use of standard RE definitions and methodology recommended by RESC protocol. Similarly, a standard protocol for RE studies in younger and older adults is also warranted. More baseline findings and follow-up studies are needed for reporting effective refractive error coverage (eREC). The school eye health intervention is a promising strategy that alleviates some of the burden of uncorrected refractive error. School-based health promotion activities also improve students' awareness of health. The methods and procedures to implement school eye health intervention and evaluation are critical.

Biography

Dr. Prakash Paudel is one of the first graduates of Bachelor of Optometry from Tribhuvan University, Nepal. He is the founding president of the Nepalese Association of Optometrists. Dr. Paudel completed his PhD at the University of New South Wales in Australia in 2012 and has since worked in several positions at the Brien Holden Foundation and the University of New South Wales. He has published more than 30 peer-reviewed scientific papers in prestigious international journals, and he is also one of the main authors of a book chapter about refractive error and school eye health in Southeast Asia.

Title: Acquired Brain Injury: Patients you can't ignore



Prof. Marc Taub
Professor
Southern College of
Optometry, United
States

Abstract

Treating patients suffering from an ABI presents a unique challenge to those in the VT world and an even greater challenge to primary care OD's. This course is designed to present challenging ABI cases with multiple and different treatment options including vision therapy, prism, and occlusion. Several VT activities will be highlighted.

Biography

Dr. Marc Taub is a professor and paediatric/vision therapy/vision rehabilitation residency supervisor at Southern College of Optometry, United States. He teaches in the vision therapy and paediatric clinics.

Dr. Taub is the Editor-in-Chief of Optometry & Visual Performance, a peer-reviewed, open-access journal. He is an editor and chapter author on Visual Diagnosis and Care of the Patient with Special Needs, Visual Development, Treatment, and Diagnosis of the Paediatric Patient, and Applied Concepts in VT 2.0. Dr. Taub is a Diplomate of the American

Academy of Optometry, a Fellow of the College of Optometrists in Vision Development and National Academies of Practice, and an Optometric Extension Program Foundation's Clinical Curriculum Instructor.

Invited Speakers Session

Title: Culturally tailored target-driven lifestyle and educational Intervention to improve clinical outcomes of diabetes, health literacy, and self-care practices in Nepal



Dr. Raju Sapkota
Senior Research Fellow,
VERI-Anglia Ruskin
University,
United Kingdom

Abstract

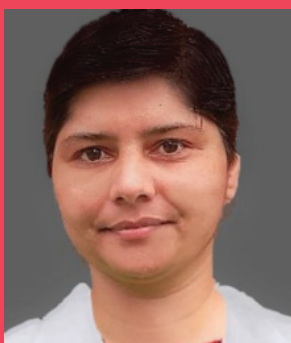
The effectiveness of a culturally and linguistically appropriate, patient-centred, target-driven lifestyle intervention was examined with multidisciplinary video education training in improving clinical outcomes, health literacy, and self-care practice of diabetes in newly diagnosed Type 2 diabetes patients in Nepal.

A randomized controlled study with two (participant groups) × 2 (visits) mixed design. A total of 110 participants were randomly allocated into intervention (mean age = 45 ± 9.7 years) and control (mean age = 47 ± 12.5 years) groups. Both groups received the usual treatment from their doctor and were followed up after three months. After three months, HbA1c decreased to 6.1% from the baseline value of 7.2% in the intervention group vs. 6.6% in the control group from the baseline value of 7.1% ($p < 0.05$). Mean total cholesterol and low-density lipoprotein were also significantly lower for the intervention vs. control group after three months ($p < 0.05$). Health literacy improvement in the intervention group was found to be sustained after three months too.

Biography

After graduating from the Institute of Medicine in 2002, Dr. Sapkota worked as an optometrist for 2.5 years at BP Koirala Institute of Health Sciences in Nepal. After that he moved to the UK where he obtained his Master's degree in Investigative Ophthalmology and Vision Science from the University of Manchester in 2006, and a PhD from Anglia Ruskin University in 2010. His research expertise and interests are in diabetes and diabetic retinopathy in Asians and Black people, and in reducing the diabetic eye health inequality in these communities.

Title: Patient empowerment: bridging perception and reality in dispensing optics



Dr. Vidyut Rajhans
Vice Principal
Laxmi College
of Optometry,
Maharashtra, India

Abstract

Empowerment Theory is a psychological and social framework that focuses on enabling individuals to gain control over their lives and make decisions that affect their well-being. This study aims to explore the intersection of patient empowerment theory from psychology with patient perceptions and realities in the realm of dispensing optics.

The study amalgamates finding from three open surveys, exploring patients' knowledge, contentment and decision-making aptitude apropos blue block lenses (BBL) ($n=146$), photo chromatic lenses ($n=237$) and paediatric dispensing ($n=180$) respectively with a total sample size of 563 patients. All surveys were conducted using online survey tools and statistical analysis was done using MS Excel (2019) and SPSS (V23.0). Advice by optometrist influenced 48.1% BBL users, 26.6% photo chromatic users and 61.7% parents in choosing their child's spectacle. Additionally, parents considered multiple factors such as frame durability (100%), comfortable fitting (80.6%), and quality of vision (80.0%), lens durability (68.9%), lens thickness (56.1%) and cosmetic look (42.2%) as reasons for selection.

Biography

Dr. Vidyut has received a doctorate degree for her contribution to the field of optometry education, from Manipal Academy of Higher Education. She has completed her Masters in Optometry and MBA (HR specialization). She has worked as member of Board of Studies in YCMOU, school of Health Sciences. She is a clinical director at Special Olympics Lions Clubs International Opening Eyes program at Special Olympics (Bharat).

Forum: Optometry Specialties – Where are we now?

Moderator



Prof. Anuja Singh

Dean of School of life and
health Sciences
Professor of Optometry
Joy University, India

Prof Anuja R Singh is an optometrist by training and is currently the Dean of School of life and health Sciences and Professor of Optometry at Joy University, Tirunelveli, and Tamil Nadu. Previously she served as Associate Professor, Principal and Head of the department of Optometry at The Sankara Nethralaya Academy, the academic arm of Sankara Nethralaya eye hospital, a tertiary ophthalmic centre in Chennai. She has a total work experience of 30 years having worked in various roles as a Clinician, entrepreneur, Optometry educator, trainer, academician and academic administrator. She was also the Program Director of FBDO, a prestigious fellowship program, conducted in collaboration with the Association of British Dispensing Opticians, UK.

Her present areas of interest include low vision care practice, fitting advanced contact lenses for sight restoration, standardising Health sciences education in India, capacity building in the healthcare professions using various custom made courses for enhancing employability and Faculty development programs for successful development of teachers and trainers. She holds a Master's degree in Optometry, an MPhil and PhD degree and a PG Diploma in education management and administration. She is in an advisory role for several AHS colleges across India. She has also been part of many quality initiatives such as ISO 9001, JCI and NABH accreditation among eye hospitals and in implementation of six Sigma and lean Sigma methodology.

Speakers



Dr. Jessica Neuville

Assistant Professor
School of Optometry
The Hong Kong
Polytechnic University
Hong Kong

Dr. Jessica Neuville received her Doctor of Optometry degree from the University of California, Berkeley. After completing a residency in ocular disease and low vision, she became a faculty member at Midwestern University, Arizona College of Optometry. In 2015, she joined the Hong Kong Polytechnic University as a Clinical Associate. Dr. Neuville's areas of teaching include clinical skills, ocular pathology and ocular pharmacology. She was the recipient of the Faculty Prize for Outstanding Achievement in Teaching in 2021. She is a fellow of the American Academy of Optometry and serves on the education committee of the World Council of Optometry. Her current interests include the development of new eLearning strategies to enhance students' learning experience.

Speakers



Mr. Ahmad Fadhullah Bin Fuzai
Optometrist,
President of the
Association of Malaysian
Optometrists (AMO),
Malaysia

Ahmad Fadhullah Bin Fuzai, received his Bachelor of Optometry at the University National Malaysia (UKM) from the year in 2007.

He combines the advantages and strengths of independent practices and chain stores to form his own practice in Taman Melawati Kuala Lumpur. After the success of founding his own optometrist practice, he later pursued his target in becoming an Optometry Specialty Expert in Colour Vision in 2012. He has satisfactorily completed the ChromaGen vision training and is certified as a ChromaGen Practitioner. Since 2012 Ahmad is constantly invited by the Malaysia Ministry of Health institutes and health facilities to share his expertise, he also appeared on a TV show as an Expert Practitioner who brings colour vision solutions to people that have colour vision deficiency.

He later gain support from a co-founder that was also an optometrist practitioner who believe in re-branding the optometrist practice towards a professional and innovative approach, Oc Optocare was formed in 2017 with over 20 Optometrist in 15 Optometrist Centres in Malaysia.

Ahmad Fadhullah as the CEO of Vison Care Global and Oc Optocare, continues to inspire Optometrists to embrace dedicated, disciplined,

confident, and goal-oriented practise. An exceptional communicator with a caring and diplomatic manner toward people, persuasive and adaptable, self-motivated with high energy, plenty of initiatives, and focus, with keen insight into the needs of others, able to listen and identify issues or problem areas and form innovative solutions.

He is currently the President of the Association of Malaysian Optometrists (AMO) and Vice President of Asia Pacific Council of Optometry.



Mr. Chanaka Weerasundara
Lecturer, College of
Optometry and Visual
Science, Sri Lanka

Mr. Chanaka Weerasundara is Lecturer at the College of Optometry and Visual Science, affiliated to Sri Lanka Optometric Association. He started his career as an Assistant Optometrist at Albert Edirisinghe Optician in 1996 and has served as senior optometrist and contact lens specialist at Spex & Contacts, The Optical Dispensary since 2015.

Mr. Weerasundara has also served as Chairman-Sri Lanka Optometric Association during 2015-2016, Chairman of Ceylon Council of Optometry and Orthoptics during 2019-2021 and as Certified Assessor for Tertiary Vocational and Education Commission. He presented many scientific papers in optometry congresses overseas and in Sri Lanka. He received the Gold medal for the best paper presentation at the 50th anniversary congress in Optometry.

Speakers



Prof. Byoung Sun Chu
Professor
Daegu Catholic
University, South Korea

Prof. Chu is Professor at Department of Optometry & Vision Science, Daegu Catholic University. He is currently serving as Chairman of International Affairs of Korean Optometric Association and Executive Committee member of Asia Pacific Council of Optometry.

He obtained Diploma of Optometry at Daejeon Health Science College and Bachelor of Electronic Engineering in Korea and then further pursued Master of Optometry at University of New South Wales and Doctor of Philosophy (PhD) at School of Optometry and the Institute of Health and Biomedical Innovation, Queensland University of Technology, Brisbane, Australia.

He is currently a fellow of the American Academy of Optometry (FAAO), the International Association of Contact Lens Educators (FIACLE), the Korean Ophthalmic Optics Society, the Korean Society of Vision Science and Korean Society of Transportation.



Rekha Chalapati
Optometrist, Private
Practice, India

Rekha Chalapati is a senior optometrist and vision therapist having her practice in Bangalore. She has worked with many organization like Spastics Society, Fame India, and many other NGOs. She is also member of surveillance team on the watch words group of Indian Academy of Cerebral Palsy and Faculty for IDDEA (Identification of differences and early action) workshops conducted by the Department of Paediatrics, Bangalore Medical Collage and Research Institute.

She works with children with neuro developmental disorders and neurological disorders like epilepsy etc. She also works with patients of TBI and post-concussion and post-stroke deficits. She is Karnataka - State in-charge for the Indian Optometric Association and also works in various sub-committees.



Prof. Carly Lam
Adjunct Professor,
School of Optometry,
The Hong Kong
Polytechnic University,
Hong Kong

Professor Lam has spent most of her teaching career at The Hong Kong Polytechnic University. She has a long-standing research interest in myopia and binocular vision. She received the OPO Bernard Gilmartin Award from the College of Optometrists in UK for Research Excellence in 2015.

She is a Member of the College of Optometrists (UK) and an Emeritus Senior Fellow of the American Academy of Optometrists. She has served in the Asia Pacific Council of Optometry (APCO) and World Council of Optometry (WCO) in various roles for more than 10 years. She is currently the Immediate Past President

PANEL DISCUSSION

Optometry Specialities: Where are we now?

8th September 2024, 9:50 am - 11:05 am

Moderator



Dr. Anuja R Singh
Professor and Head
Dean of School of life and
health Sciences
Professor of Optometry
Joy University, India.

Panelists



Jessica Neuville
The World Council of
Optometry and
United States perspectives.



Ahmad Fadhullah Bin Fuzai
Current perspective
in Malaysia.



Chanaka Weerasundara
Current perspective
in Sri Lanka.



Byoung Sun Chu
Current perspective
in South Korea.



Rekha Chalapathi
Current perspective
in India.



Carly Lam
Current perspective
in Hong Kong.

Key-Note Speakers Special Session



Dr. Sanyam Bajimaya
Cataract Surgeries:
Patient's demand and technology
advancements



Dr. Kuldeep Raizada
Workshop on Ocular
Prosthesis



Dr. Shashwat Dhungel
Smart Sight: 3 Months Outcome Of
100 Eyes Treated For Myopia And
Myopic Astigmatism



Gagan Sahani
Workshop on
KeratoGenius scleral
customized contact lens



Siddhartha Salecha
Unlocking business growth
strategies for optometrists



G Shanker Raman S
Confidence through
evidence – Miyosmart



Jayanta Chakraborty
Myopia Management
and Principle for Control



Rajeev Kumar Jha
Bench data (MTF) and optical
simulations of extended depth of
Focus IOL with continuous range of focus

Platinum Sponsor Session



Ananthalakshmi. N
Head- Leonardo, EssilorLuxottica

Ananthalakshmi is a passionate Optometrist who graduated from Elite School of Optometry (unit of Sankara Nethralaya), Chennai and also holds a Master's degree in Optometry and Post grad in Human Resources. She has a varied experience from working in an eye hospital, with an ophthalmologist, to Eye care corporates. She also has more than two and half decades of experience in Eye care sectors in the field of Contact lenses, IOL and Spectacle lenses. Until now, she has trained more than three thousand eye care practitioners, (ophthalmologists, optometrists and opticians), their staff and optometry students through various training forums & workshops in topics related to ophthalmic dispensing and contact lenses. She also worked as presenter in various conferences - optical, optometry and ophthalmology and has been conducting Dispensing Courses for Srilanka Optometry Association and Vision Care Academy Since 2013. She is also a certified Essilor Academy Trainer for Marketing, Technical and Retail Business courses. She is currently in charge of Training & Education both for Frames & Lens division for EssilorLuxottica in India, Srilanka, Nepal & Bangladesh.

Gold Sponsor Session



IZZUL JAMAL

With a solid background in retail Optometry and Specialised training in binocular vision dysfunction, Jamal has built a commendable career in a period of 11 years. His Expertise in Vision Therapy and an Honors degree in Optometry from IIUM, has helped to play a pivotal role at TOPCON Healthcare. At TOPCON, his responsibilities encompass training, providing product solution and promoting TOPCON's refraction products, showcasing his comprehensive skillset in the field.

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*Essilor, #1 lens Brand recommended by eye care professionals worldwide - Quantitative research conducted among a representative sample of 958 independent ECPs by CSA in February 2019 - France, UK, Germany, Italy, Spain, US, Canada, Brazil, China, India.**Compared to single vision lenses, when worn by children at least 12 hours per day every day. Bao, J., Huang, Y., Li, X., Yang, A., Zhou, F., Wu, J., Wang, C., Li, Y., Lim, E.W., Spiegel, D.P., Drobe, B., Chen, H., 2022. Spectacle Lenses With Aspherical Lenslets for Myopia Control vs Single-Vision Spectacle Lenses: A Randomized Clinical Trial. JAMA Ophthalmol. 140(5), 472-478. <https://doi.org/10.1001/jamaophthalmol.2022.0401>.



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7 th September 2024 (Saturday)	
8.15 am to 8.30 pm	Registration and Welcome Reception
Morning Sessions	Durbar Hall
9.00-10.30 am	<p>Welcome chief guest, Honorable Minister of Health of Population, Pradip Poudel</p>
	<p>Chairing-</p> <ol style="list-style-type: none"> 1. Program chair- Dr Rajeev Prasad, APCO president 2. Chief Guest- Honorable Minister of Health and Population, Pradip Poudel 3. Program co-chair- Niraj Dev Joshi, NAO president 4. Special Guests <p>Inauguration- lightening lamp</p> <p>Welcome Speech by Organising Secretary, Dipak Kumar Sah Speech- APOC Co-chair Niraj Dev Joshi, NAO president Speech by Special Guests Speech by Chief Guest - Minister of Health and Population, Pradip Poudel Remarks by APOC chair Dr Rajeev Prasad, APCO president</p>
10.30 – 11.30 am	<p>Panel Discussion : APCO talks on eye health: A Policy Conclave</p> <p>Moderator: Junu Shrestha</p> <p>Panelist:</p> <ol style="list-style-type: none"> 1. Dr Krishna Prasad Paudel, Chief, PPMD, MOHP 2. Dr Lonim Dixit, NPO, WHO Nepal 3. Niraj Dev Joshi, President, NAO 4. YD Sapkota, Head SEARO IAPB 5. Anil Gorkhaly, Country Director, Eye Care Foundation <p>Question & Answer Session</p>
11.30 - 11.50 am	Coffee Break and Poster Presentations
11.50 - 12.10 pm	<p>Platinum Sponsor Session</p> <p>Essilor Luxottica Ananthalaxshmi N Game changing innovation_Stellest</p>
	<p>Invited Speakers, Session One : K B Woo Lecture</p> <p>Moderator: Dr Mellissa Anglo</p> <p>Speakers</p> <p>Rufina Chan Advancing eye care in Hong Kong : From optometric development to addressing eye care utilization of individuals with physical disabilities</p> <p>Helen Eng Case management of AMD patients from optical aids to AI apps and digital technology</p> <p>Prakash Paudel Refractive error and school eye health: A public health challenge and professional opportunity Question & Answer Session</p>
1.05 – 2.30 pm	Lunch and Poster Presentation

	Afternoon Sessions
2.30 – 3.55 pm	Scientific Session One : Durbar Hall
	Specialty Contact Lenses and Dry Eye Management
	Moderators : Chair: Anuja R Singh, Co-Chair: Sanjeeb Kumar Mishra
2.30 - 2.40 pm	Pankaj Adhikari Managing irregular cornea with mini scleral contact lens
2.40 – 2.50 pm	Manish Bhagat Management of symblepharon in a 13-year-child using a piggyback scleral lens: a case report
2.50 - 3.00 pm	Satvik Srivastava Unveiling hidden conditions: successful contact lens intervention in patients misdiagnosed with amblyopia
3.00 - 3.10 pm	Mohammad Tarique Anwar Association between electronic device usage and dry eye disease among students in Asmara, Eritrea 2023-24
3.10 - 3.20 pm	Prajwal Ghimire Meibomian gland dysfunction and dry eye management using thermal pulsation therapy
3.20 - 3.30 pm	Rekha Ghimire Central corneal thickness in new cases of dry eyes: a case-control study
3.30 - 3.40 pm	Chiranjiwi Shah Scleral lens in various pathological conditions of eyes: a case series
	Question & Answer Session
2.30 - 3.55 pm	Scientific Session Two : Kailash Hall
	Myopia and Ocular Biometry
	Moderators Chair: Byoung Sun Chu, Co-Chair: Gauri Shanker Shrestha
2.30 - 2.40 pm	Yun Yun Wang Comparison of the efficacy and clinical applications of three different myopia control methods: RLRL, 1% atropine, and OK lens in adolescent children
2.40 – 2.50 pm	Prativa Acharya Rate of myopia progression in urban setting of Nepal
2.50 - 3.00 pm	Manisha Paudel Influence of the time of day on ocular biometry changes following short-term reading task: a pilot study
3.00 - 3.10 pm	Arun Dhungana Visual problems in using Visual Display Terminal among children in Nepal during the pandemic period and after Covid
3.10 - 3.20 pm	Bipin Koirala Correlation of optical coherence tomography angiography with multifocal electroretinography in high myopia
3.20 - 3.30 pm	Pooja Gurung Comparison of ganglion cell complex and retinal nerve fibre layer thickness in low, moderate and high myopia with RTvue SD-OCT
	Question & Answer Session

2.30 - 3.55 pm	Scientific Session Three : Kastamandap Hall
	Primary Eye Care and Public Health
	Moderators Chair: Prakash Paudel, Co-Chair: Pankaj Ray Adhikari
2.30 - 2.40 pm	Amit Mehta Effectiveness of the Sundar Sansar Program in improving eye health among school children in Morang district in Nepal
2.40 - 2.50 pm	Surakshya Poudel Community based eye service and identified ocular morbidity in hilly region
2.50 - 3.00 pm	Ajit Thakur Questionnaire validation for knowledge, attitude and practice of eye care practitioners for evaluation and treatment of amblyopia
3.00 - 3.10 pm	Deepika Nehuray Contrast sensitivity function in aniso-hyperopic amblyopic eyes with emmetropic eyes after reducing the effect of magnification
3.10 - 3.20 pm	Duo Xu An observational study on the visual function of adolescent children of various ages with automatic flipper
3.20 - 3.30 pm	Priyanka Yadav Prevalence of non-strabismic binocular vision anomalies in eastern Nepal
3.30 - 3.40 pm	Preeti Sharma A spectrum of strabismic and non- strabismic binocular vision disorders at binocular vision therapy clinic of a tertiary eye hospital
	Question & Answer Session
3.55 - 4.20 pm	Coffee Break
4.20 - 5.45 pm	Scientific Session Four : Durbar Hall
	Binocular Vision and Paediatric Optometry
	Moderators: Chair: Upali Seekubadu, Co-Chair: Vidyut Rajhans
4.20 - 4.30 pm	Tsering Shongmu Assessment of binocular vision parameters in keratoconus patients and influencing factors
4.30 - 4.40 pm	Sangita Sharma Effectiveness of office- based vision therapy in patients with convergence insufficiency
4.40 - 4.50 pm	Jayalath Seekkabaddu Impact of parental motivation on amblyopia management
4.50 - 5.00 pm	Aastha Subedi Development of implied motion perception in school-aged children
5.00 - 5.10 pm	Nithisha R Comparison of reaction and anticipation skills among controls and sports players using a constructed anticipation timer
5.10 - 5.20 pm	Raju Kaiti Non-strabismic binocular vision anomalies (NSBVA) in patients with asthenopia

5.20 – 5.30 pm	Sweety Sharma Clinical profile and characteristics of newly diagnosed glaucoma in tertiary hospital
	Question & Answer Session
5.45 – 6.05 pm	SPONSOR – ZEISS Jayanta Chakraborty, Myopia Management and Principle for Control
4.20 pm - 5.45 pm	Scientific Session Five : Kailash Hall
	Innovation and Technology in Vision Care
	Moderators: Chair: Ramkailash Gujjar, Co-Chair: Ajit Thakur
4.20 - 4.30 pm	Harshini Rajesh Construction and validation of an AI-based mobile phone app for measuring tear break up time (TBUT)
4.30 - 4.40 pm	Ramkailash Gujjar Deep learning based detection of Ocular Surface Squamous Neoplasia from ocular surface images
4.40 - 4.50 pm	Amit Singh Magic of scleral contact lenses in ocular surface disorders: a case series study
4.50 - 5.00 pm	Rahul Negi Novel pupillometry: detecting subtle abnormalities in pupil responses and exploring underlying factors in clinically normal eyes
5.00 - 5.10 pm	Kudalamage Nishadi Effectiveness of REVITALI vision in amblyopia and different ocular pathologies— case series
5.10 - 5.20 pm	Roshan Yadav Alternative of atropine for management of spasm of near reflex: two case reports
5.20 – 5.30 pm	Lakshika Dewmi Dewanarayana Co-relation between ganglion cell thickness and macula pigment optical density
	Question & Answer Session
5.45 – 6.05 pm	PLATINUM SPONSOR- ESSILOR LUXXOTICA Ananthalexshmi N Trends and technologies in PAL and dispensing
4.20 pm - 5.30 pm	Scientific Session Six: Kastamandap Hall
	Primary Eye Care and Public Health
	Moderators: Chair: Mohd Harimi Abdur Rahman, Co-Chair: Sanjeeb Bhattarai
4.20 - 4.30 pm	Vinod Daniel RE2030: Increasing the refractive error coverage in India
4.30 - 4.40 pm	Mohd Harimi Abdur Rahman Patient knowledge on age-related macular degeneration: cross-sectional study
4.40 - 4.50 pm	Kumuda Tirunavukkarasu Vision screening among weavers in Tamil Nadu
4.50 - 5.00 pm	Gopal Bhandari Relationship between intraocular pressure and age: a population-based study in Nepal
5.00 - 5.10 pm	Hari Thapa Prevalence of visual impairment and refractive error in rural Nepalese children under five-year of age

5.10 - 5.20 pm	Rajiv Karn Prevalence and determinants of spectacle non-compliance among school children of eastern Nepal
5.20 – 5.30 pm	Sanjeeb Kumar Mishra Bruch's membrane opening in high myopia and its correlation with axial length
	Question & Answer Session
5.45 - 6.05 pm	SPONSOR WORKSHOP- BIOMED Kuldeep Raizada, Aakriti International, Ocular Prosthesis
7.00 - 09.00 pm	Gala Dinner : Cultural Dance, Singing, Ramp Walk Special Performance By Suman Century Follow by Cocktail Dinner
End of Day One Program	

Day 2

8 September 2024 (Sunday)	
8.30 am to 2.30 pm	Registration
Morning Sessions	Durbar Hall
9.00 am – 09.50 am	Invited Speakers Session Two - Innovative Approaches in Eye Care
	Moderator: Jessica Neuville
9.00 - 9.15 am	Vidyut Rajhans Patient empowerment: bridging perception and reality in dispensing optics
9.15 - 9.30 am	Mark Taub Acquired Brain Injury: Patients you can't ignore
9.30 - 9.45 am	Raju Sapkota Culturally tailored target-driven lifestyle and educational Intervention to improve clinical outcomes of diabetes, health literacy, and self-care practices in Nepal
	Question & Answer Session
09.50 – 11.05 am	Optometry Specialities: Where are we now?
	Moderator: Anuja R Singh
09.50 – 09.40 am	Jessica Neuville The World Council of Optometry and United States perspectives

09.40 – 09.50 am	Ahmad Fadhullah Bin Fuzai Current perspective in Malaysia		
09.50 – 10.00 am	Chanaka Weerasundara Current perspective in Sri Lanka		
10.00 - 10.10 am	Byoung Sun Chu Current perspective in South Korea		
10.10 - 10.20 am	Rekha Chalapathi Current perspective in India		
10.20 - 10.30 am	Carly Lam Current perspective in Hong Kong		
	Question & Answer Session		
10.30 - 10.45 am	Concluding remarks by speakers and moderator		
10.45 -11.05 am	GOLD SPONSOR TALK – TOPCON HEALTHCARE IZZUL JAMAL Topcon product portfolio and myopia Management		
11.05 -11.20 am	Coffee Break and Poster Presentation		
11.20 – 11.30 am	Sponsors Talk : Special Session		
	Durbar Hall Sanyam Bajimaya Cataract Surgeries: Patient's demand and technology advancements	Kailash Hall Shashwat Dhungel Smart sight: 3 Months outcome of 100 eyes treated for myopia and myopic astigmatism	Kastamandap Hall Siddartha Salecha Unlocking business growth strategies for optometrist
	Afternoon Sessions		
11.30 – 12.40 pm	Scientific Session Seven : Durbar Hall		
	Clinical Investigation		
	Moderators: Chair: Helen Eng, Co-Chair: Suresh Awasthi		
11.30 - 11.40 am	Sarmila Acharya Corneal imaging of patients under topical anti-glaucoma medications		
11.40 - 11.50 am	Jenish Chaudhry Interpupillary distance, inner canthal distance, outer canthal distance and canthal index assessment in the Nepalese population: a hospital-based study		
11.50 - 12.00 am	Krishna Kumar Dhankhoti Optical management of irregular astigmatism in post-Herpes Zoster Keratitis (HZV)		
12.00 - 12.10 pm	Vimal Mehra Ocular and facial prosthesis- restorative rehabilitation		

12.10 - 12.20 pm	Ravi Shankar Choudhry Profile of custom ocular prosthesis users in a tertiary eye care centre in Nepal
12.20 - 12.30 pm	Archana Sharma A clinical perspective on midday fogging of a scleral lens
	Question & Answer Session
11.30 – 12.40 pm	Scientific Session Eight : Kailash Hall
	Ophthalmic Epidemiology and Diseases
	Moderators: Chair: Raju Sapkota, Co-Chair: Niraj Dev Joshi
11.30 - 11.40 am	Suresh Yadav Biometric risk factors for early onset primary angle closure disease
11.40 - 11.50 am	Sushmitha Karki Profile of amblyopia in paediatric patients visiting tertiary eye hospital
11.50 - 12.00 pm	Sneha Baidya The role of optometrists in diagnosing psychiatric disorders- A review of association between anxiety and pseudomyopia in children
12.00 - 12.10 pm	Manish Agrahari Visual status of Nepalese air traffic controllers
12.10 - 12.20 pm	Shivani C Comparison of topographic parameters in Scheimpflug camera and Placido disc for pre and post keratoconus surgery
12.20 - 12.30 pm	Sonia Sharma Crucial aspects of optometric management in 2-month-old child post congenital cataract surgery
	Question & Answer Session
11.30 - 12.40 pm	Scientific Session Nine : Kastamandap Hall
	Primary Eye Care
	Moderators: Chair: Rajeev Prasad, Co-Chair: Amit KC
11.30 - 11.40 am	Subodh Dixit Evaluating landscape in Indian Optometry
11.40 - 11.50 am	Sathya Prakash Sooryanarayana Predictive factors for early neurodegenerative changes in pre-clinical diabetic retinopathy: implications for improved optometric screening of diabetic retinopathy in type 2 diabetes mellitus
11.50 - 12.00 pm	Aditya Tripathi Effects of visible blue light radiation on the eye with and without the blue light protective spectacle lenses
12.00 - 12.10 pm	Aparajita Manoranjan Comparative study of stereoacuity and colour vision at high altitude and low altitude
12.10 - 12.20 pm	Sabina Nepal Comparison of vascular features on OCT-angiography between amblyopic and normal eyes

12.20 - 12.30 pm	Sweta Chitranshi Management of epithelial basement membrane dystrophy and pathological myopia using scleral lenses: a comprehensive approach		
	Question & Answer Session		
12.40 – 1.40 PM	Launch and Poster Presentation		
Afternoon Sessions			
1.40 – 2.50 pm	Durbar Hall	Kailash Hall	Kastamandap Hall
	Workshop Dr Prakash Paudel Dr Raju Sapkota Planning the research and publishing	Workshop Gagan Sahani KeratoGenius scleral customized contact lens	Special Talk by HOYA G Shanker Raman S Confidence through evidence – Miyosmart
			Special Talk by AUROLAB Rajeev Kumar Jha M Mahesh Kumar Divya Priyadarshini Bench data (MTF) and optical simulations of extended depth of Focus IOL with continuous range of focus
3.40 - 4.00 pm	Closing Ceremony: Durbar Hall Chairing- Niraj Dev Joshi Special Guests Lila Nath Bhandari, Registrar, Nepal Health Professional Council - Brief recap of conference highlights by APOC Organising Secretary, Dipak Kumar Sah - Insights on future of Optometry & APOC by Prof Dr.Carly Lam - Award distribution - Best oral - Best poster Announcement of next APOC - Chief guest - Vote of Thanks and Official closing announcement by APOC Co-chair, Niraj Dev Joshi - Group photo		
	Valedictory function: Durbar Hall		
<div>End of the 24th Asia Pacific Optometric Congress (APOC 2024)</div>			

Poster Presentations, 7th September 2024 (Saturday) 9.00 – 5.00 PM

1	Enhancing binocular vision with anisometropia amblyopia - Akrima Riyaz
2	Plus lens therapy in intermittent esotropia - Naina Chaudhary
3	Optometric vision therapy in the management of amblyopia associated with DRS-type II: a case report - Manish Dahal
4	Is it essential to re-evaluate and modify standard treatment strategies during vision therapy? A case report - Romans Chaudhary
5	Management of intermittent exotropia of divergence excess type: a case report - Siwani Sah
6	Duane's retraction syndrome type iii: a case report - Tirsana Subedi
7	Cherry red spot in an infant: a case report - Ramila Sapkota
8	Posterior micro-ophthalmus, its clinical and imaging findings and managements plan: a case report - Ajay Ray
9	The role of cycloplegic refraction in detection of the accommodative spasm and the plan of its managements: a case report - Ajay Ray
10	A case of headache, blurring of near vision in young patient - Puja Nepal
11	Low vision assessment in a patient with macular dystrophy - Nirjala Chaudhary
12	Low vision rehabilitation in a patient with macular dystrophy - Nirmala Chaudhary
13	Steroid-induced glaucoma - Firoj Bhat
14	A case report on toxoplasmosis retinochoroiditis on a patient with a history of biting nails - Anish Adhikari
15	Toxic optic neuropathy in a tuberculosis patient visiting Biratnagar Eye Hospital (BEH): a case report - Nirjala Chaudhary
16	A rare case of xeroderma pigmentosa - Krishala Thapa
17	Blindness presented with exposure to alphas methrin pesticide - Sarbind Yadav
18	Neurotrophic keratitis in a female patient following right frontal craniotomy and tumour excision - Janak Poudel
19	Delayed diagnosis of keratoconus: case study - Tabassum Aara
20	Case report: managing a keratoconus patient having corneal opacity and very high aberrations with corneal scleral lenses - Chewan Acharya sharma
21	Visual rehabilitation of advanced keratoconus case with custom made one fit med scleral contact lens - Ramesh Giri
22	Oculo-visual rehabilitation with OneFit MED scleral contact lens in Steven Johnson Syndrome: a case report - Rajesh Sah
23	Pattern of RGP contact lens fit in different profiles of cornea - Sarafat Musalman
24	Role of scleral lens front surface eccentricity in eyes with refractive surgery induced higher order aberrations (HOAS) - Deepak Ghimire
25	Visual rehabilitation with speciality scleral contact lens in case of Steven Johnson's Syndrome (SJS) - Ramesh Singh

26	Regional settling of scleral lens in keratoconus patients - Anisha Heka
27	Motion perception in infantile nystagmus syndrome - Aastha Subedi
28	Twelve weeks treatment outcome of omega-3 fatty acid in computer vision syndrome dry eye: an open label, randomized, controlled pilot study - Rajesh Yadav
29	Impact of pterygium on dry eye and meibomian gland parameters - Sushant Gyawali
30	Effectiveness of combination therapy in myopia management: case report - Anil Sah
31	Comparison of VEP amplitudes and latency for induced myopes and uncorrected myopes - Om Yadav
32	Early presbyopia a psychosomatic disorder - Sarbind Yadav
33	The role of artificial intelligence in vision testing and eye health - Subham Satyajeet

Poster Presentations, 8th September 2024 (Sunday) 9.00 – 4.00 PM

1	Enhancing optometry practice in India: solutions for the usual problems faced by an optometrist - Jayant Jha
2	A review of an in-depth analysis of global access issues and impediments to taking eye care services Debanjali Bhattacharjee
3	Vision related problems in workers engaged in brass industry in Moradabad - a western up city study centre - C L Gupta eye Institute - Ruchika Sah
4	Variations in intraocular pressure during different phases of menstrual cycle - Ambika Adhikari
5	Awareness of eye health and disease in Ghachowk, Machhapuchhre rural municipality: a community health diagnosis - Umesh Belbase
6	Optical coherence tomography angiography vessel density in healthy, glaucoma suspect, and glaucoma eyes Umesh Belbase
7	Outcome of tritan discrimination among diabetic retinopathy with pseudoisochromatic “c test” - Ananta Sharma
8	Assessment of textbook font sizes for children with low vision in Malaysia: a study on near acuity demands Zainora Mohammed
9	What's the accuracy rate of spectacles before dispensing it among patients? - Kajal Bhagat
10	Knowledge and attitude of refractive error correction methods in patients visiting eye hospital - Anup Subedi
11	Knowledge, attitude, and practice regarding refractive error and presbyopia with its prevalence in the community people of hilly region of eastern Nepal - Nisha Barnwal
12	Knowledge and attitude of school teachers regarding refractive error - Tinku Mukherjee

13	Prevalence of convergence insufficiency among asthenopic subjects of tertiary eye hospital of Nepal - Purushottam Sah
14	Refractive error among healthy infants in tertiary eye care centre of Nepal - Harikant sah
15	Normative vascular features on OCT angiography in healthy Nepalese eyes - Raju Kaiti
16	Study of corneal thickness, epithelial mapping and meibomian gland morphology in soft contact lens wearers attending tertiary eye hospital - Gauri Chaudhary
17	Profile and visual outcome of patients undergone keratorefractive surgery (KRS) at tertiary eye hospital in Nepal Bibek Chaudhary
18	Refractive error status after cataract surgery undergone phacoemulsification with foldable intraocular lens implantation at tertiary eye hospital of Nepal - Kajal Deo
19	Prevalence of visual problems and it's attributes among hearing impaired children - Sanjeev Yadav
20	Assessment of knowledge, attitude, and practice on common ocular diseases among the population of hilly regions of eastern Nepal - Abhishek Mishra
21	Changes in corneal astigmatism after collagen cross linking (CXL) - Bhawana Timalisina
22	Visual acuity severity and barriers to assistive device usage in adults with refractive error and presbyopia: insights from AIIMS in New Delhi - Sanjay Mishra
24	Tear film layers and meibomian gland assessment in patients with rheumatoid arthritis using a non-invasive ocular surface analyzer: a cross sectional case-control study- Aanand Kumar Yadav
25	Comparison of novel Nidek a-scan, ultrasonic biometer, manual keratometer, ultrasonic pachymeter for measurements of various ocular biometric parameters in a tertiary eye centre of Nepal- Arun Dhungana
26	Accommodation and convergence status of normal and hearing impaired school children: a comparative study - Sanjay Sah
27	Pattern of ocular injury in paediatric patients visiting tertiary eye hospital, eastern Nepal - Rajendra Mehta
28	Clinical profile of patients presenting with headache in vision therapy clinic of tertiary eye hospital of Nepal Pankaj Adhikari
29	Paediatric amblyopia and long-term outcomes of in-office vision therapy: a six-month follow-up - Madhavi Tiwari
30	Visual performance and quality of life following low vision management of patients having central field defect Helly Thakkar
31	Visual and ocular status of welders working in small scale industries (SSI) as well as compliance towards safety eye measures - Kinnari Kalaria
32	Visual performance and comfort with corneo-scleral contact lenses - Bibek Yadav
33	Comparison of changes in corneal biomechanical properties after laser-assisted in situ keratomileusis and small incision lenticule extraction - Prashant Anand
34	Assessment of ocular morbidity among farmers in the Terai - Sneha Baidya

Asia Pacific Optometric Congress Historical Location

Record	Year	Location
1 st APOC	1978	Manila
2 nd APOC	1979	Bali, Singapore
3 rd APOC	1980	Hong Kong
4 th APOC	1982	Manila
5 th APOC	1985	Penang
6 th APOC	1987	Bangkok, Pattaya
7 th APOC	1989	Kuala Lumpur, Kota Kinabalu
8 th APOC	1991	Bali
9 th APOC	1993	Hong Kong, Beijing
10 th APOC	1995	Singapore
11 th APOC	1997	Seoul, Kyongju
12 th APOC	1999	Manila, Cebu
13 th APOC	2001	Brisbane
14 th APOC	2003	Shanghai
15 th APOC	2005	Tokyo
16 th APOC	2007	Goa
17 th APOC	2009	Hong Kong
18 th APOC	2011	Singapore
19 th APOC	2013	Korea
20 th APOC	2015	Kuala Lumpur
21 st APOC	2017	India in conjunction with WCO
22 nd APOC	2019	Philippines
Virtual APOC	2021	Online- in conjunction with Optometry Australia
23 rd APOC	2023	New Delhi, India
24 th APOC	2024	Kathmandu, Nepal

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For more details visit:
www.apoptometriccongress.com
info@apoptometriccongress.com

Dr Mukesh Kumar Jha 9828070950

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