

The 15th International Conference on
**Low Vision Research
and Rehabilitation**

Florence (Italy), 8-12 September 2025



PRELIMINARY PROGRAMME



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TUESDAY 9 SEPTEMBER 2025

08:30-09:45 | AUDITORIUM

LOW VISION ORGANIZATIONS AND SERVICES: INTERNATIONAL EXPERIENCES - MODELS OF VISION REHABILITATION CARE WORLDWIDE

Chairs: **Andrew Jonathan Jackson** (*Ireland*), **Ruth Van Nispen** (*The Netherlands*)

08:30 Keynote Lecture: A view on VISION 2025
Gianni Virgili (*Italy*)

08:50 A view on successes and failures of eye health programmers in LMIC
Silvio Paolo Mariotti (*Switzerland*)

09:00 Vision rehabilitation and eye care in low and middle-income countries (LMICs)
Yasmin Sumrana (*Pakistan*)

09:10 Comprehensive care for the visually impaired population in South America and development of tertiary service models in visual rehabilitation
Maria Haddad (*Brazil*)

09:20 Measuring vision impairment and blindness worldwide and the implications of the recent inclusion of effective refractive error coverage into the WHO Results Framework (GPW-14)
Rupert Bourne (*United Kingdom*)

09:30 Systematic approach to low vision: a novel protocol to optimize low vision care in West Africa
Werner Eisenbarth (*Germany*)

09:40 Discussion

09:45-10:30 | EXHIBITION AREA BALLATOI POSTER SESSION - 1A

10:30-11:00 | AUDITORIUM

STITUTIONAL SESSION - PRESIDENTS' SPEECHES

Chairs: **Gislin Dagnelie** (*USA*), **Ruth Van Nispen** (*The Netherlands*)

10:30 President's speeches
Ben Thompson (*USA*), **Paolo Limoli** (*Italy*), **Gianni Virgili** (*Italy*)



TUESDAY 9 SEPTEMBER 2025

11:10-12:10 | AUDITORIUM

SOCIAL IMPACT OF VISION IMPAIRMENT AND REFRACTIVE ERROR

Chair: **Nathan Congdon** (*Ireland*)

- 11:10** Reports on social and health issues
Poonam Shah (*The Netherlands*)
- 11:20** Vision care and improvement general healthcare among the elderly
TBD
- 11:30** Implementing translational research programmes for refractive error in LMIC
Ving Fai Chan (*United Kingdom*)
- 11:40** CRROP: a randomized controlled trial of vision and non-vision interventions to improve productivity and climate resilience of smallholder rice farmers in Nepal and Malawi
Nathan Congdon (*Ireland*)
- 11:50** Implementation of cataract surgery models in rural China: a 10-year programme
TBD
- 12:00** Discussion

11:10-12:10 | ROOM VERDE

COURSE ID 36 - FROM THEORY TO PRACTICE: ACTIONABLE STRATEGIES IN NEUROVISUAL REHABILITATION

Organizer: **Jan Koopman** (*The Netherlands*)

Co-organizer: **Joost Heutink** (*The Netherlands*)

- 11:10** Navigating the path for patients with neurovisual problems: screening, support, and timely referrals
Vera Linde Dol (*The Netherlands*)
- 11:26** On the art, necessity and limitations of neuropsychological assesment in neurovisual rehabilitation
Joost Heutink (*The Netherlands*)
- 11:42** Navigating neuro-visual rehabilitation: from theory to practice
Jan Koopman (*The Netherlands*)
- 11:58** Discussion



TUESDAY 9 SEPTEMBER 2025

11:10-12:10 | LIMONAIA

ORAL PRESENTATIONS - PEDIATRIC LOW VISION

- 11:10** OCT-angiography to assess retinal vascular malformations in Sturge Weber syndrome
Mariaelena Malvasi, Rosa Longo, Luca Polinelli, Elena Gusson, Giorgio Marchini (*Verona*)
- 11:18** Demographic and clinical characteristics of a pediatric low vision population in a low vision clinic in Turkey
Ozlem Bicer, Esra Sahli (*Turkey*)
- 11:26** Visual search in children with CVI: an overview of novel assessment approaches
Marinke Hokken, Johan Pel, Maarten Frens, Johannes van der Steen, Marlou Kooiker (*The Netherlands*)
- 11:34** Assessing cerebral visual impairment; a multidisciplinary approach
Pamela Anketell, Moyra Mcclure, Andrew Jonathan Jackson, Sonia George (*United Kingdom*)
- 11:42** A longitudinal study of development in language, cognition, social adaptation and exploratory behaviour of toddlers with vision impairment
Carlijn Veldhorst, Sabina Kef (*The Netherlands*)
- 11:50** The influence of visual function on the maturation of GMs
Daniela Ricci, Chiara Velli, Maria Petrianni, Lorenzo Orazi, Marianna Moro, Simona Leone1 Marta Galanti, Giulia Amorelli, Domenico Marco Romeo, Filippo Amore (*Italy*)
- 11:58** A pilot randomised control trial of peripheral prism glasses in children and young people with homonymous hemianopia
Sian Handley, Michael Crossland, Dorothy Thompson, Jessica Gowing, Rosemary Wilson, Vasiliki Panteli, Mario Cortina-Borja, Alki Liasis, Richard Bowman, Jugnoo Rahi (*United Kingdom*)

11:10-12:10 | ROOM ONICE

ORAL PRESENTATIONS - QUALITY OF VISION AND QUALITY OF LIFE

- 11:10** Seeing beyond VA: using virtual reality to predict daily life functioning with vision impairment
Kirsten Veerkamp, Henk Stam, Daniel Müller, David Mann, Christian Olivers (*The Netherlands*)
- 11:18** The International Classification of Functioning, Disability and Health (ICF) Core Set vision loss
Billiet Lorenzo, Ruth van Nispen, Hilde Van Der Aa, De Baets Stijn, Van de Velde Dominique (*Belgium*)
- 11:26** The importance of environmental factors in quality of life of children with cerebral visual impairment: a global approach in rehabilitation
Elena Cocchi, Chiara Baghino, Matilde Bernardi, Francesca Gandini, Virginia Cillara, Sara Castiglione (*Italy*)
- 11:34** Consensus on barriers and opportunities for labor market participation of people with visual impairments in The Netherlands: a Delphi study
Katharina Diehl, Chris Van Klaveren, Ilja Cornelisz, Eline Heppe, Nino de Ponti (*The Netherlands*)
- 11:42** The impact of COVID-19 on individuals with vision impairment in the UK
Elizabeth Frost, Dave Edgar, Chris Dickinson, Ahalya Subramanian (*United Kingdom*)
- 11:50** Employment outcomes of people with visual impairments in The Netherlands: using administrative data
Eline Heppe, Katharina Diehl, Ilja Cornelisz, Chris Van Klaveren (*The Netherlands*)
- 11:58** Assessing the psychological and functional impact of low vision in developing country: congenital vs acquired cases
Mehreen Tanveer, Widat Sohail (*Pakistan*)



TUESDAY 9 SEPTEMBER 2025

11:10-12:10 | ROOM 4

OPTICAL PRESCRIPTIONS FOR LOW VISION

ChairS: **Massimiliano Parmini** (*Italy*), **Catello Scarfato** (*Italy*)

- 11:10** Mastering high power lenses and prism technology. Consideration on aberrations and lens centering
Luca Benzoni (*Italy*)
- 11:20** Progressive lenses in Low Vision: prismatic prescription and aniseikonia management - a comprehensive approach
Riccardo Cervio (*Italy*)
- 11:30** Aniseikonic management through the effective choice of specific lens parameters: base curve, thickness and vertex distance
Andrea Rapino (*Italy*)
- 11:40** Selective filters for low vision: innovation, functionality, and clinical effectiveness
Simone Santacatterina (*Italy*)
- 11:50** Optical vision aids impact on low vision patients' rehabilitation and quality of life
Andrea Pirota (*Italy*)
- 12:00** Discussion

11:10-12:10 | ROOM 9

ITALIAN REHABILITATION CENTERS ROUND TABLE

12:20-13:20 | AUDITORIUM

COURSE ID 33 - BLURRED LINES: A PANEL ON CLINICAL & ETHICAL DILEMMAS IN LOW VISION REHABILITATION

Organizer: **Katelyn Jordan** (*USA*)

Co-organizer: **Judy Goldstein** (*USA*)

- 12:20** Case presentation: workplace/school accommodations
Suleiman Alibhai (*USA*)
- 12:35** Case Presentation: Driving
Ashley Deemer (*USA*)
- 12:50** Case Presentation: Surgical recommendations in end stage eye disease.
Judy Goldstein (*USA*)
- 13:05** Panel discussion
Katelyn Jordan (*USA*)



TUESDAY 9 SEPTEMBER 2025

12:20-13:20 | ROOM VERDE

COURSE ID 61 - EVIDENCE-BASED CLINICAL PRACTICE GUIDELINES FOR SCREENING, ASSESSMENT, DIAGNOSIS AND CLASSIFICATION OF CHILDHOOD ONSET CEREBRAL VISUAL IMPAIRMENT: INTRODUCTION TO THE GUIDELINES FOR IMPLEMENTATION

Organizer: **Naomi Dale** (*United Kingdom*)

Co-organizer: **Els Ortibus** (*Belgium*)

12:20 Systematic methodology to develop evidence-based Clinical practice guidelines-CVI
Naomi Dale (*United Kingdom*)

12:30 Presentation of the Clinical practice guidelines-CVI
Els Ortibus (*Belgium*)

12:40 Implementing in practice the clinical practice guidelines-CVI: from multidisciplinary neurodevelopmental perspective
Francesca Tinelli (*Italy*)

12:50 Implementing in practice the clinical practice guidelines-CVI: from multidisciplinary ophthalmology perspective
Richard Bowman (*United Kingdom*)

13:00 Summary: Barriers and facilitators for change
Naomi Dale (*United Kingdom*)

13:10 Discussion

12:20-13:20 | LIMONAIA

ORAL PRESENTATIONS - VISUAL FIELD AND NEUROPTHALMOLOGY

12:20 Microperimetric retinal sensitivity and biofeedback training in hemianopsia: abnormalities on the ipsilateral hemi-fields and improvements after training
Monica Nido, Ghaliah Nsour, Jessica Cao, Samuel Markowitz (*Canada*)

12:28 The risk of pedestrians collisions with homonymous hemianopia
Eli Peli, Nish Kurukuti, Sailaja Manda (*USA*)

12:36 Using the eye-tracker by a visual field deficit during orientation and mobility intervention
Evelien Hollestelle, Paulien Zuidervaart (*The Netherlands*)

12:44 Using continuous visual stimulus tracking for detecting and quantifying visual field defects
Anne Vrijling, Minke de Boer, R.J. Renken, J.B.C. Marsman, Joost Heutink, F.W. Cornelissen, Nomdo Jansonius (*The Netherlands*)

12:52 Can providing near-vision glasses as an early intervention enhance visual outcomes in infants at risk of perinatal brain injury? Findings from the Babies in Glasses (BiG) feasibility study
Raimonda Bullaj¹, Leigh Dyet¹, Subhabrata Mitra¹, Catey Bunce¹, Caroline Clarke¹, Naomi Dale¹, Neil Marlow¹, Anna Horwood¹, Kathryn Saunders², Richard Bowman¹ (*¹United Kingdom, ²Ireland*)

13:00 Saccadic functions in children who survived posterior fossa tumors: the influence of tumor characteristics
Marina Shurupova, Alexander Karelin (*Russian Federation*)

13:08 Biofeedback training to improve fixation stability, visual function outcomes, and quality of life in hemianopia patients
Monica Daibert-Nido, Samuel Markowitz, Ghaliah Nsour, Michelle Markowitz, Yulia Pyatova, Mariana Misawa (*Canada*)



TUESDAY 9 SEPTEMBER 2025

12:20-13:20 | ROOM ONICE

COURSE ID 55 - SMART SOLUTIONS FOR VISION REHAB: UNLOCKING THE POWER OF TECHNOLOGY TO OVERCOME READING BARRIERS

Organizer: **Michelle Bianchi** (USA)

Co-organizer: **Janet Sunness** (USA)

- 12:20** Accessibility features of smartphones for Visual Impairment
Michelle Bianchi (USA)
- 12:37** Clinical direction for smart phone use
Janet Sunness (USA)
- 12:54** Cell Phone Technology to Promote Inclusion: The Power in Your Pocket
Holly Stants (USA)
- 13:11** Discussion

12:20-13:20 | ROOM 4

ORAL PRESENTATIONS - VISUAL REHABILITATION

- 12:20** Exploring the accessibility of scholarly conferences: perspectives from individuals who are blind, deafblind or who have low vision
Natalina Martiniello¹, L. Penny Rosenblum², Aaron Johnson^{1,2}, JR Rizzo², Mahadeo A. Sukhai¹, Bonnielin Swenor², Walter Wittich¹, Yueh-Hsun Wu¹ (¹Canada, ²USA)
- 12:28** Modulating saccadic function with visual feedback in bilateral central vision loss
Nicole Ross, Sonisha Neupane, Chris Yeung, Cecilia Idman-Rait, Peter Bex (USA)
- 12:36** Augmented reality simulations enhanced empathy in optometry students for low vision care
Wing Yan Yu, Helen Eng, Joseph Yau Kei Chan, Allen Cheong (Hong Kong)
- 12:44** Visual acuity: predictive power hiding in plain sight
Bennett McAllister (USA)
- 12:52** Challenges in employment and support mechanisms for individuals with visual impairments in Bangladesh
Mozadded Hossen¹, Rashedul Islam², Adib Miraj Utsab², Abdul Hadi Al Mehedi Hasan², Mostafa Tanim Anik² (¹USA, ²Bangladesh)
- 13:00** Assessing the functional visual performance of older adults using the Performance Quality Rating Scale
Debbie Boey¹, Tamara Tse², Kerry Fitzmaurice², Mei Leng Chan¹, Leanne Carey² (¹Singapore, ²Australia)
- 13:08** Low vision rehabilitation training and referral patterns among ophthalmologists in the USA
Joshua Robinson, Janice Law, Ansley Kunnath (USA)

13:20-14:20 | AUDITORIUM

COURSE ID 54 - TEACHING ADVOCACY SKILLS IN VISION REHABILITATION: INTEGRATING PATIENT EMPOWERMENT INTO CLINICAL PRACTICE

Organizer: **Michele Vandendooren** (USA)

Co-organizer: **Vanessa Carmody** (USA)

- 13:20** Advocacy skills - Intro to home and community practice
Michele Vandendooren (USA)
- 13:45** Teaching self-advocacy skills in vision rehabilitation with older adults: tools and techniques
Vanessa Carmody (USA)
- 14:10** Discussion



TUESDAY 9 SEPTEMBER 2025

13:20-14:20 | ROOM VERDE

COURSE ID 51 - MANAGEMENT OF CEREBRAL VISUAL IMPAIRMENT

Organizer: **Linda Lawrence** (USA)

Co-organizer: **Daniela Ricci** (Italy)

- 13:20** Models of intervention in different countries
Linda Lawrence (USA)
- 13:30** Building collaborative teams: effective strategies for assessing and intervening in children with CVI
Terry Schwartz (USA)
- 13:40** The important role of teachers in the CVI team
Kelly Lusk (USA)
- 13:50** Early Intervention in CVI
Andrea Guzzetta (Italy)
- 14:00** Family center care and CVI: testimony
Martha Montello (USA)
- 14:00** Discussion

13:20-14:20 | LIMONAIA

COURSE ID 35 - ILLUMINATING POSSIBILITIES: THE DUTCH STEPPED-CARE APPROACH TO LIGHTING REHABILITATION

Organizer: **Jan Koopman** (The Netherlands)

Co-organizer: **Wim Van Damme** (The Netherlands)

- 13:20** The Prelude to Lighting Rehabilitation
Jan Koopman (The Netherlands)
- 13:37** Turning insights into practical interventions
Wim Van Damme (The Netherlands)
- 13:54** Translating assessments into specific lighting recommendations
Anne Vrijling (The Netherlands)
- 14:11** Discussion

13:20-14:20 | ROOM ONICE

COURSE ID 20 - READING ASSESSMENTS AND VISION LOSS

Organizer: **Elizabeth Barstow** (USA)

Co-organizer: **Jason Vice** (USA)

- 13:20** Reading Assessments and Vision Loss
Elizabeth Barstow (USA)
- 13:45** Reading Assessments and Vision Loss
Jason Vice (USA)
- 14:10** Discussion



TUESDAY 9 SEPTEMBER 2025

13:20-14:20 | ROOM 4

COURSE ID 19 - INNOVATIVE APPROACHES TO DEAFBLIND REHABILITATION: BRIDGING SENSORY LOSSES FOR ENHANCED QUALITY OF LIFE

Organizer: **Cade Oost** (USA)

Co-organizer: **Jessica Broodryk** (USA)

13:20 Functional Implications of Deafblindness
Cade Oost (USA)

13:45 Innovations in Rehabilitation for Dual Sensory Loss
Jessica Broodryk (USA)

14:10 Discussion

13:00-14:15 | ROOM 9 ELSRR MEETING

14:30-16:30 | AUDITORIUM

LOW VISION AND THE BRAIN: FUNCTION, PLASTICITY AND RESTORATION - PART 1

Chairs: **Bernhard Sabel** (Germany), **Jeffrey Goldberg** (USA)

14:30 Keynote Lecture: Neuromodulation and brain plasticity for vision restoration
Bernhard Sabel (Germany)

14:50 Optic nerve regeneration: cell-intrinsic and -extrinsic regulation
Larry Benowitz (USA)

15:01 Biomarkers and new therapeutics for neuroprotection in glaucoma
Jeffrey Goldberg (USA)

15:12 Rethinking the sensory deprived brain: how sensory deprivation improved our vision on brain function
Emiliano Ricciardi (Italy)

15:23 Primary cortex remodeling in patients with central scotomas
Janet Sunness (USA)

15:34 Visual restoration and reconstruction based on brain computer interface
Huiguang He (China)

15:45 Orchestrated neuromodulation to enhance visual functions in healthy subjects and patients with hemianopia
Friedhelm Christoph Hummel (Switzerland)

15:56 Visual percepts evoked with intracortical microstimulation in 4 blind volunteers
Eduardo Fernandez (Spain)

16:07 Biofeedback techniques in low vision rehabilitation
Enzo Maria Vingolo (Italy)

16:18 Vision restoration and the role of microsaccades in glaucoma
Ying Gao (China)



TUESDAY 9 SEPTEMBER 2025

14:30-16:30 | LIMONAIA

EUROPEAN SOCIETY OF LOW VISION RESEARCH AND REHABILITATION (ESLRR) SESSION

Chairs: **Maria Begoña Coco** (*Spain*), **Andrew Jonathan Jackson** (*Ireland*)

- 14:30** Low vision services in Italy
Valeria Silvestri (*Italy*)
- 14:45** Low vision services in The Netherlands
Bart Melis-Dankers (*The Netherlands*)
- 15:00** Low vision services in Spain
Maria Begoña Coco (*Spain*), **Joaquín Herrera Medina** (*Spain*)
- 15:15** Low vision services in Germany
Kathleen Kunert (*Germany*)
- 15:30** Low vision services in Portugal
Catarina Paiva (*Portugal*)
- 15:45** Low vision services in Ireland
Andrew Jonathan Jackson (*Ireland*), **Blaithin Gallagher** (*Ireland*)
- 16:00** Panel Discussion

14:30-15:30 | ROOM ONICE

FROM FRUSTRATION TO SUCCESS: SUPPORT WITH HEALTHCARE PATIENT PORTALS FOR LOW VISION PATIENTS - PART 1

Chairs: **Ava Bittner** (*USA*), **Holly Stants** (*USA*)

- 14:30** Usage of healthcare patient portals by visually-impaired patients
Ava Bittner (*USA*)
- 14:46** Accessibility and training to facilitate low vision patients' independent use of healthcare portal services
Kayla Gan (*USA*)
- 15:02** Overcoming barriers to effective healthcare app usage
Holly Stants (*USA*)
- 15:18** Panel discussion



TUESDAY 9 SEPTEMBER 2025

15:30-16:30 | ROOM ONICE

FROM DISSATISFACTION TO SUCCESS: TRANSITIONING FROM OVER-THE-COUNTER TO PRESCRIBED VISUAL AIDS - PART 2

Chairs: **Ava Bittner** (USA), **Holly Stants** (USA)

- 15:30** Introduction to over-the-counter (OTC) aids
Ashley Deemer (USA)
- 15:40** Upgrades when over-the-counter magnifiers are not helpful
Ava Bittner (USA)
- 15:50** From dissatisfaction with OTC visual aids to newly prescribed devices
Patrick Yoshinaga (USA)
- 16:00** Outcomes in a private practice: transitioning from high usage rates of OTC magnifiers by AMD patients
John Kaminski (USA)
- 16:10** Summary of findings for pooled data across three practice sites
Ashley Deemer (USA)
- 16:20** Panel discussion

14:30-16:30 | ROOM 4

LATIN AMERICA LOW VISION SYMPOSIUM: "VISION REHABILITATION IN CLINICAL PRACTICE"

Chairs: **Maria Haddad** (Brazil), **Marcos W. Sampaio** (Brazil)

- 14:30** Epidemiology of visual impairment in Latin America and the interdisciplinary approach in rehabilitation.
Maria Haddad (Brazil)
- 14:45** Vision impairment in childhood and early intervention
Rosario Espinoza (Peru)
- 15:00** Optical aids for low vision. Main indications
TBD
- 15:15** Vision rehabilitation in inherited retinal diseases
José Ronaldo Lima De Carvalho Jr (Brazil)
- 15:30** Public policies in visual rehabilitation in Brazil
TBD
- 15:45** Microperimetry evaluation and biofeedback training in low vision
Alex Hauro Higashi (Brazil)
- 16:00** Biofeedback training in children with low vision
TBD
- 16:15** Photobiomodulation in AMD
Rodrigo Hideharo Sato (Brazil)

**TUESDAY 9 SEPTEMBER 2025****14:30-15:30 | ROOM 9****ORAL PRESENTATIONS - LOW VISION ORGANIZATION AND SERVICES**

- 14:30** Characterizing profitability and practice patterns in low vision service provision in the USA
Janet Szlyk, Grace Sorci, Patricia Grant, Kara Crumbliss, Tracy Matchinski, Jeffrey Jackson, William Seiple (USA)
- 14:38** Integrating vision into stroke care: establishing the Norwegian Vision in Stroke (NorVIS) network
Helle Falkenberg, Torgeir Mathisen (Norway)
- 14:46** New approach for rehabilitation and educational support with parents involvement
Doaa Mabrouk (Egypt)
- 14:54** Model of care for the people with low vision in Bolivia
Ariel Cordova¹, Mesías Vinueza¹, María Rodríguez¹, Shirley Quilo¹, Jonathan Jackson^{2,3}, Poonam Shah⁴, Juan Carlos Rojas¹ (¹Bolivia, ²Ireland, ³United Kingdom, ⁴The Netherlands)
- 15:02** World Health Organization Vision Rehabilitation Standards: an international framework for quality of service and networking
Federica Calabria¹, Laura Bozeman², Geraldine Neill³, Joaquín Herrera Medina⁴ (¹Italy, ²USA, ³Ireland, ⁴Spain)
- 15:10** Promoting low vision rehabilitation and psychosocial counselling for older people with visual impairment in Switzerland
Vivianne Visschers (Switzerland)
- 15:18** Low vision: delivering a coordinated training approach in low and middle income countries (CBM Global Disability Inclusion - CBMG)
Poonam Shah¹, Jonathan Jackson² (¹The Netherlands, ²United Kingdom)

15:30-16:30 | ROOM 9**AMGO, UICI, IAPB ITALIA - NETWORKS AND PATHWAYS SUPPORTING THE FUNCTIONAL REHABILITATION OF BLIND AND VISUALLY IMPAIRED INDIVIDUALS**Chairs: **Filippo Amore** (Italy), **Federico Bartolomei** (Italy), **Giorgio Ricci** (Italy)

- 15:30** Introduction to the symposium
Mario Barbuto (Italy)
- 15:35** D.A.Re. Registry: an overview of the distribution and use of assistive devices in Italy today
Gianni Virgili (Italy)
- 15:42** The assistive devices library operator in the field of education and the use of assistive technologies in the elderly today
Floriana Ferranti (Italy)
- 15:49** Tele-rehabilitation services
Valeria Silvestri (Italy)
- 15:56** Beyond the vision: an integrated approach to neurovisual rehabilitation with family engagement
Chiara Mastantuono (Italy)
- 16:03** EBU Low Vision Working Group: what's new
Polona Car Djuric (Slovenia)
- 16:10** Comparing realities in Europe
Gaja Bec (Slovenia)
- 16:17** ONCE Low Vision Foundation: a 360-degree care model
Adonay Viera Romero (Spain)



TUESDAY 9 SEPTEMBER 2025

16:30-17:15 | EXHIBITION AREA BALLATOI POSTER SESSION - 1B

17:15-18:45 | AUDITORIUM

LOW VISION AND THE BRAIN: FUNCTION, PLASTICITY AND RESTORATION - PART 2

Chairs: **Jeffrey Goldberg** (USA), **Bernhard Sabel** (Germany)

- 17:15** Retinal imaging in brain disease
Leopold Schmetterer (Singapore)
- 17:26** Parallel ventral and dorsal sub-routes for visual information processing in health and disease
Ferdinand Binkofski (Germany)
- 17:37** Cerebral visual impairment and brain lesions
Francesca Tinelli (Italy)
- 17:48** Visual impairment and development of multisensory skills and technology
Monica Gori (Italy)
- 17:59** How brain injury leads to visual deficits in children with unilateral cerebral palsy
Els Ortibus (Belgium)
- 18:10** Children with blinding ROP: Habilitation and rehabilitation services
Suraj Singh Senjam (India)
- 18:21** Common neurodegeneration mechanisms shared by normal tension and ocular hypertension glaucoma models
Yang Hu (USA)
- 18:32** Panel discussion

17:15-18:45 | ROOM VERDE

OUTCOME MEASURES IN VISION RESTORATION CLINICAL TRIALS

Chairs: **Lauren Ayton** (Australia), **Gislin Dagnelie** (USA), **Ralf Hornig** (France)

- 17:15** Introduction: current challenges in low vision outcome measures
Gislin Dagnelie (USA)
- 17:28** Patient reported outcomes
Judy Goldstein (USA)
- 17:41** Mobility assessments in low vision clinical trials
Duane Geruschat (USA)
- 17:54** Virtual reality: a novel way of measuring mobility
Arathy Kartha (USA)
- 18:07** Microperimetry: a clinical endpoint in low vision trials
Jasleen Jolly (United Kingdom)
- 18:20** Visual function and functional vision assessments in vision restoration clinical trials
Mahi Muqit (United Kingdom)
- 18:33** Panel discussion



TUESDAY 9 SEPTEMBER 2025

17:15-18:45 | LIMONAIA

MOLECULAR GENETICS AND VISUAL REHABILITATION IN INHERITED RETINAL DISEASES (IRDs)

Chairs: **Luigi Donato** (*Italy*), **Serge Picaud** (*France*)

- 17:15** Molecular genetics and multi-omics approaches to unveil new mechanisms for translational research on IRDs
Luigi Donato (*Italy*)
- 17:30** Post-developmental restoration of vision by rewiring photoreceptor synapses
Kirill Martemyanov (*USA*)
- 17:45** Retinal aquaporins in health and disease: blue light and zinc as key regulators
Domenico Mordà (*Italy*)
- 18:00** Eye drops of small PEDF peptides promote photoreceptor survival in mouse and human models of retinal degeneration
Patricia Becerra (*USA*)
- 18:15** Visual restoration by genetic brain machine interface
Serge Picaud (*France*)
- 18:30** Albinism beyond genetics
Andrea Cristiano Piantanida (*Italy*)

17:15-18:45 | ROOM ONICE

DIAGNOSTIC, THERAPY AND VISUAL REHABILITATION IN GLAUCOMA AND OPTIC DISEASES

Chairs: **Simona Turco** (*Italy*), **Roberto Volpe** (*Italy*)

- 17:15** Evidence based neuroprotection in glaucoma: randomized clinical trials with citioline oral solution and eye drops
Amir Ali Aminoleslami (*Italy*)
- 17:29** Neuroprotection in real life: how can I treat glaucomatous patients?
Michele Figus (*Italy*)
- 17:43** Prognostic factors of glaucoma progression: a Cochrane review
Mapa Prabhath Pyasena (*United Kingdom*)
- 17:57** Autoantibodies for glaucoma diagnosis and treatment
Franz Grus
- 18:11** External SLT in low and middle-income countries
Rupert Bourne (*United Kingdom*)
- 18:25** Aqueous humor analysis in glaucoma diagnosis and prognosis
Alberto Izzotti (*Italy*)
- 18:39** Panel discussion



TUESDAY 9 SEPTEMBER 2025

17:15-18:45 | ROOM 4

LOW VISION PRACTICES IN ASIA

Chairs: **Susan Carden** (*Australia*), **Lisa Ong** (*Singapore*)

- 17:15** Technology in low vision
Anna Tan (*Singapore*)
- 17:25** A bag of LV from The Philippines
Sheila Santos-Jimenez (*Philippines*)
- 17:35** The role of ophthalmologist in vision rehabilitation
Yanhong Zou (*China*)
- 17:45** Role of a social worker in LV rehabilitation - A Singapore experience
Priscilla Lim (*Singapore*)
- 17:55** AI for LV
Lisa Ong (*Singapore*)
- 18:05** Establishing multi-disciplinary low vision service in Thailand: Lessons learned for successful model and challenges
Suksri Chotikavanich (*Thailand*)
- 18:15** Q&A



TUESDAY 9 SEPTEMBER 2025

17:15-18:45 | ROOM 9

ORAL PRESENTATIONS - EPIDEMIOLOGY AND PSYCHOLOGY

- 17:15** Challenges in understanding human visual perception and low vision
Kazim Hilmi Or (*Germany*)
- 17:23** Perceptions and implications of vision impairment terminology and definitions across the European Union and the UK: a comparative exploration
Blaithin Gallagher¹, Laura Cushley², Jonathan Jackson² (*¹Ireland, ²United Kingdom*)
- 17:31** Is perceived social support relevant for depression and anxiety in patients with age-related neovascular macular degeneration?
Ida Nilsson¹, Hugo Senra², Karthikeyan Baskaran¹, Camilla Mohlin¹, Antonio Filipe Macedo¹ (*¹Sweden, ²Portugal*)
- 17:39** A retrospective analysis of certification of sight impairment in Northern Ireland (2014-2024): challenges and critical reflections
Jonathan Jackson, Laura Cushley, Roseleen Mccann, Tanya Moutray (*United Kingdom*)
- 17:47** Are visual function questionnaire goals aligned with goals identified in clinical practice?
Phillippa Dorling, Bianca Guzman, Sonaina Merchant, Melissa Ngo, Alexis Malkin, Nicole Ross, Micaela Gobeille (*USA*)
- 17:55** Sleep problems in adults with visual impairment
Ruth van Nispen¹, Hilde Van Der Aa¹, Gianni Virgili², Katie Curran³, Tunde Peto³, Ysbrand van der Werf¹, Roselie Diederer¹ (*¹The Netherlands, ²Italy, ³United Kingdom*)
- 18:03** The prevalence of visual impairment in The Netherlands: a meta-analysis and forecast
Ellen Elsman, Petra Rausch, Hilde Van Der Aa, Jan Keunen, Caroline Klaver, Ruth Van Nispen (*The Netherlands*)
- 18:11** Challenges faced by individuals with visual impairment accessing healthcare in the UK
Chris Dickinson, Chu-Heng Lin (*United Kingdom*)
- 18:19** The psychological assessment of children with visual impairment: results from the PACVI Study
Moire Stevenson, Annie Chatillon, Mariah Lisi (*Canada*)
- 18:27** Mental health and wellbeing in inherited macular disease
Michael Crossland, Lottie Wood, Marc Tibber, Tessa Dekker, Michel Michaelides (*United Kingdom*)
- 18:35** Enhancing access to low vision services for school children with oculo-cutaneous albinism in Nigeria: insights from the Bridge of Sight Foundation/Norvatis project
Ekeoma Adure Edemeraro, Luke Edemeraro (*Nigeria*)



TUESDAY 9 SEPTEMBER 2025

18:45-19:45 | AUDITORIUM

COURSE ID 46 - VISION REHABILITATION FOR CHILDREN WITH NEUROLOGICAL DISABILITY - A MULTIDISCIPLINARY APPROACH

Organizer: **Luciene Fernandes** (Brazil)

Co-organizer: **Galton Vasconcelos** (Brazil)

- 18:45** Ophthalmologic assessment for vision rehabilitation in children with neurological conditions
Galton Vasconcelos (Brazil)
- 18:55** Functional vision: assessment and interventions
Rita De Cassia letto Montilha (Brazil)
- 19:05** Vision rehabilitation: interventions and devices
Luciene Fernandes (Brazil)
- 19:15** Rehabilitation training – the effective use of remaining vision
Rosario Espinosa Carrillo (Peru)
- 19:25** Multidisciplinary strategies to enhance development and inclusion of children with neurological disabilities
Ana Claudia Fernandes (Brazil)
- 19:35** Discussion

18:45-19:45 | ROOM VERDE

COURSE ID 23 - OCCUPATIONAL THERAPY AND VISION REHABILITATION

Organizer: **Elizabeth Barstow** (USA)

Co-organizer: **Jason Vice** (Birmingham, United States)

- 18:45** Occupational Therapy and Vision Rehabilitation
Elizabeth Barstow (USA)
- 19:10** Occupational Therapy and Vision Rehabilitation
Jason Vice (Birmingham, United States)
- 19:35** Discussion

18:45-19:45 | LIMONAIA

COURSE ID 18 - EYE MOVEMENTS BEYOND VISUAL IMPAIRMENTS: GAZE PATTERNS TO ASSESS, MODEL AND TRAIN VISUAL AND COGNITIVE PROCESSING

Organizer: **Lucia Schiatti** (Italy)

Co-organizer: **Helene Vitali** (Italy)

- 18:45** Visual function and gaze behavior assessment: bridging vision and higher brain functions
Sabrina Signorini (Italy)
- 18:55** MREye: Magnetic Resonance Imaging of the Human Eye
Benedetta Franceschiello (Switzerland)
- 19:05** Sleep in blindness: from physiological assessments to sleep cognition
Helene Vitali (Italy)
- 19:15** From albatros to LLMs: a gentle tour of advanced statistical modelling for gaze and attention
Giuseppe Boccignone (Italy)
- 19:25** Communicate, play, and learn: the eye tracking system used in rehabilitation for children with complex neurological diseases
Serena Previtali (Italy)
- 19:35** Discussion



TUESDAY 9 SEPTEMBER 2025

18:45-19:45 | ROOM ONICE

COURSE ID 42 - ADVANCING VISUAL FUNCTION AND REHABILITATION IN ALBINISM

Organizer: **Rebecca Kammer (USA)**

Co-organizer: **Nicole Ross (USA)**

- 18:45** Low vision services and albinism in East Africa
Rebecca Kammer (USA)
- 19:02** Beyond acuity: mapping visual function across processing levels in albinismplaceholder
Nicole Ross (USA)
- 19:19** A review of low vision management in a U.S. university clinic
Swati Modi (USA)
- 19:36** Discussion

18:45-19:45 | ROOM 4

ORAL PRESENTATIONS - VISUAL REHABILITATION

- 18:45** Perceptual learning of a crowding task in patients with central vision loss - Is there a transfer to other visual tasks?
Elena von Perponcher, Mark Greenlee, Tina Plank (Germany)
- 18:53** VR4eVR: virtual reality for enriched visual rehabilitation
Minke de Boer, Jente Vermeer, Ward Nieboer, Martina Dossi, Ilan Hartskeerl, Angelos Chatzimparmpas, Tanja Nijboer, Renske Grootendorst, Frans Cornelissen (The Netherlands)
- 19:01** Effect of action video game training and conventional physical training on glaucoma patients' visual cognitive performance
Yihong Peng¹, Iris Lau¹, Stanley Winser¹, Ben Thompson², Allen Cheong¹ (¹Hong Kong, ²Canada)
- 19:09** The impact of COVID-19 on UK low vision assessment services - a mixed methods investigation of service providers' and service users' perspectives
Elizabeth Frost, Dave Edgar, Chris Dickinson, Ahalya Subramanian (United Kingdom)
- 19:17** New perspectives is low vision rehabilitation
Kazim Hilmi Or (Germany)
- 19:25** A retrospective study of biofeedback training in low vision patients
Ghaliyah Nsour, Mariana Misawa, Monica Daibert-Nido, Samuel Markowitz, Max Goldsmith, Kate Teplitzky, Michelle Markowitz, Tina Felfeli (Canada)
- 19:33** Characterizing performance in selected activities and participation of older adults with different types of visual impairment in Singapore: a pilot study
Debbie Boey¹, Tamara Tse², Kerry Fitzmaurice², Mei Leng Chan¹, Leanne Carey² (¹Singapore, ²Australia)

18:45-19:45 | ROOM ONICE

COURSE ID 28 - SPECIALTY CONTACT LENSES OPTIMIZE VISION AND UTILIZATION OF LOW VISION DEVICES

Organizer: **Sherry Day (USA)**

Co-organizer: **Donna Wicker (USA)**

- 18:45** Bright futures: vision rehabilitation for pediatric population with medical contact lenses
Sherry Day (USA)
- 19:01** Enhancing vision: role of specialty CL in adults with vision impairment
Donna Wicker (USA)
- 19:17** Mini-scleral contact lenses optimizes vision and use of devices for visually impaired children with advanced keratoconus
Zahra Rashid (Kenya)
- 19:35** Discussion



WEDNESDAY 10 SEPTEMBER 2025

08:30-09:45 | AUDITORIUM

PEDIATRIC VISUAL REHABILITATION

Chairs: **Linda Lawrence** (USA), **Daniela Ricci** (Italy)

- 08:30** How to establish a rehabilitation program - the North American experience
Linda Lawrence (USA)
- 08:40** How to establish a rehabilitation program - the South American experience
Rosario Espinoza (Peru)
- 08:50** How to establish a rehabilitation program - the Indian experience
Sandra Ganesh Chandramouli (India)
- 09:00** How to establish a rehabilitation program - the African experience
Adedayo Adio (Nigeria)
- 09:10** How to establish a rehabilitation program - the South East Asia experience
Swetha Philip (Australia)
- 09:20** How to establish a rehabilitation program - the European experience
Els Ortibus (Belgium)
- 09:30** Panel discussion

08:30-09:45 | ROOM VERDE

BRAIN INJURY REHABILITATION FOR HOMONIMOUS VISUAL FIELD DEFECTS

Chairs: **Giovanni Sato** (Italy), **Susanne Trauzettel-Klosinsky** (Germany)

- 08:30** Rehabilitation of visual field with prisms in hemianopia
Giovanni Sato (Italy)
- 08:45** When hemianopia overlaps with alterations in ocular motility, what rehabilitative
Roberta Rizzo (Italy)
- 09:00** Visual scanning training for the treatment of hemianopia
Fiona Rowe (United Kingdom)
- 09:15** Hemianopia and driving
Joanne Wood (Australia)
- 09:30** Hemianopia in children: special features and rehabilitation
Susanne Trauzettel-Klosinsky (Germany)



WEDNESDAY 10 SEPTEMBER 2025

08:30-09:45 | LIMONAIA

ORAL PRESENTATIONS - PREVENTION AND SCREENING PROCESSES

- 08:30** Visual screening model for full-term newborns in a public maternity hospital in the state of São Paulo, Brazil
Rita Montilha (Brazil)
- 08:38** A digital screening tool for cerebral visual impairment: Percepto
Harini Kannan, Sahithya Bhaskaran, Krishna Madhav Chinnari, Raj Agrawal (India)
- 08:46** Inclusive vision screening for multiple disabilities: an outreach model
Sahithya Bhaskaran, Vijayalakshmi Perumalsamy (India)
- 08:54** Screening patients for blindness and low vision services: a tool for practitioners
Kerry Lueders, Jamie Maffit, Fabiana Perla (USA)
- 09:02** Program for screening and visual monitoring of full-term newborns
Rita De Cassia letto Montilha (Brazil)
- 09:10** OCT A and Anti Malarial drug-induced maculopathy: a new screening tool?
Asma Khallouli, Kallel Zeineb, Selmi Slim, Nourhene Aidi, Afef Maalej (Tunisia)
- 09:18** The prevalence of reduced vision among in-patients in rehabilitation hospital settings and the development of a vision screening tool
Amritha Stalin, Tammy Labreche, Shamrozé Khan, Lisa Christian, Abhishek Narayan, Andre Stanberry, Susan Leat (Canada)
- 09:26** A discussion on the strategies adopted to improve low vision prevention and screening in Ghana
Nazif Mohammed, Gifty Bofo, Agatha Mensah-Debrah, Jeremiah Badu Shayar (Ghana)
- 09:34** Addressing preventable blindness: Bar Ilan University's Mobile Optometry Clinic Initiative
Noah Rapoport, Ziv Siman-Tov, Gad Serrero (Israel)

08:30-09:45 | ROOM ONICE

ENHANCING VISUAL FUNCTION AND PROMOTING ACCESSIBILITY

Chairs: **James Coughlan** (USA), **Preti Verghese** (USA)

- 08:30** Enhancing functional vision of people with central vision loss through perceptual learning
Susana Chung (USA)
- 08:43** Motion parallax enhances depth perception in macular degeneration
Jade Guenet (USA)
- 08:56** Accessibility for low vision: moving towards objective approaches
Yingzi Xiong (USA)
- 09:09** Audiom: an auditory map interface for blind and low vision travelers
Brandon Biggs (USA)
- 09:22** Point and listen: making 3D maps and models accessible with natural interactions
James Coughlan (USA)
- 09:35** Panel discussion



WEDNESDAY 10 SEPTEMBER 2025

08:30-09:45 | ROOM 4

LOW VISION ACADEMY ROUND TABLE - VISUAL IMPAIRMENT BEYOND MAGNIFICATION: BIOLOGICAL AND PHYSICAL VISUAL REHABILITATION

ChairS: **Paolo Limoli** (*Italy*), **Francesca De Rossi** (*Italy*), **Francesca Rucco** (*Italy*)

- 08:30** Parainflammation and VI
Joseph Sajish Pinackatt (*Italy*)
- 08:38** Mitochondria preservation in visual rehabilitation
Federica Franzone (*Italy*)
- 08:46** Nutrition for visual performance
Debora Cantarutti (*Italy*)
- 08:54** Cell and secretoma therapy in low vision
Paolo Limoli (*Italy*)
- 09:02** Visual rehabilitation without and with cell therapy: differences and evidence
Ilaria Ciochetta (*Italy*)
- 09:10** Quantum biomodulation and structural visual
Sergio Scalinci (*Italy*)
- 09:18** Aerobic activity and visual rehabilitation
Stefano Casaro (*Italy*)
- 09:26** Discussion

08:30-09:45 | ROOM 9

MENTAL HEALTH IN PEOPLE WITH VISION LOSS: CHALLENGES AND SOLUTIONS

Chairs: **Marit Van Buijsen** (*The Netherlands*), **Ruth Van Nispen** (*The Netherlands*)

- 08:30** Stepped-care to decrease depression and anxiety in young adults with vision loss
Robert Van Der Linden (*The Netherlands*)
- 08:45** Mental health after sight recovery
Michael Crossland (*United Kingdom*)
- 09:00** Post-traumatic stress in older adults with vision loss
Edine Van Munster (*The Netherlands*)
- 09:15** Humanising health care: Sharing patients' lived experience of vision impairment and depression with eye care students
Claire Nollett (*United Kingdom*)
- 09:30** Addressing severe mental health problems in the care for persons with vision loss: state of the art
Marit Van Buijsen (*The Netherlands*)

09:45-10:30 | EXHIBITION AREA BALLATOI

POSTER SESSION - 2A



WEDNESDAY 10 SEPTEMBER 2025

10:30-12:45 | AUDITORIUM

BEYOND THE CURRENT TECHNOLOGICAL FRONTIERS AND VISUAL REHABILITATION

Chairs: **Filippo Amore** (*Italy*), **Marco Ulises Morales** (*United Kingdom*)

- 10:30** Keynote Lecture: The A.I. for prevention of the blindness and low vision
Keane Pearse (*United Kingdom*)
- 10:50** Retinal implant research and artificial vision
Ralf Hornig (*France*)
- 11:05** Overcoming technology barriers
Ava Bittner (*USA*)
- 11:20** Vision accessibility in the Apple ecosystem
Laura Walker (*USA*)
- 11:35** AI-based medical imaging for visual impairment
Oliver Leingang (*Austria*)
- 11:50** New technology for visually impaired people
Monica Gori (*Italy*)
- 12:05** New technology for mobility
Nathan Deutsch (*Switzerland*)
- 12:20** News in nystagmus treatment
Davide Cacciatore (*Italy*)
- 12:35** Panel discussion

13:00-14:00 | AUDITORIUM

COURSE ID 38 - NEW TECHNOLOGIES, APPLICATIONS, AND PATIENT PERCEPTIONS OF ARTIFICIAL INTELLIGENCE IN EYE CARE AND LOW VISION REHABILITATION

Organizer: **Patrick Yoshinaga** (*USA*)

Co-organizer: **Rachelle Lin** (*USA*)

- 13:00** AI enhancement of apps, operating systems, handheld and head borne devices, and smart glasses for the blind and visually impaired
Patrick Yoshinaga (*USA*)
- 13:17** Applications of AI in healthcare: public perception, autonomous AI diagnostic systems, and access to care
Rachelle Lin (*USA*)
- 13:34** Quality of life, usage and comparison of ai assistance options: perspective from the visually impaired community
Wayne Heidle (*USA*)
- 13:51** Discussion

13:00-14:00 | ROOM VERDE

COURSE ID 16 - COMPARING THE USE OF TEXT AND AUDIO IN PATIENTS WITH LOW VISION

Organizer: **David Simpson** (*USA*)

Co-organizer: **Joshua Robinson** (*USA*)

- 13:00** Comparing the Use of Text and Audio in Patients with Low Vision
David Simpson (*USA*)
- 13:25** Comparing the Use of Text and Audio in Patients with Low Vision
Joshua Robinson (*USA*)



WEDNESDAY 10 SEPTEMBER 2025

13:00-14:00 | LIMONAIA

ORAL PRESENTATIONS - QUALITY OF VISION AND QUALITY OF LIFE

- 13:00** The Life for Low Vision Questionnaire (LIFE4LVQ): a validated questionnaire evaluating ability and independence
Stavroula Almpnidou, Diamantis Almaliotis, Mara Gkioka, Konstantinos Ch. Chatzisavvas, Vasileios Karampatakis (*Greece*)
- 13:08** Risks for abuse of persons with vision impairments: a nationwide study in The Netherlands
Sabina Kef, Dorien Graas, Luc Brants (*The Netherlands*)
- 13:16** Quality of life assessment of visually impaired students: an application study based on international classification of functioning, disability and health
Yuhong Xie, Ting Chen, Haixia Lin, Jianmin Hu (*China*)
- 13:24** Paths to achieving autonomy in daily life: experience from the Veneto Region
Guido Lorenzini, Laura Borghero, Giovanni Sato (*Italy*)
- 13:32** Low vision and visual rehabilitation care in Thailand: patient's characteristics and expectations among tertiary care
Pakornkit Phruksaudomchai, Bhak Nitithum, Jiraporn Jensuriyarkun (*Thailand*)
- 13:40** Impact of vision and home environment on the objective evaluation of paying a bill
Aleksandra Mihailovic, Xindi Chen, Louay Almidani, Xinxing Guo, Zhuochen Yuan, Ram Swaminathan, Rhonda Miller, Seema Banerjee, Mariah Diaz, Pradeep Ramulu (*USA*)
- 13:48** Health-related quality of life among visually impaired adults in HealthCamp® groups
Heidi Siira, Maria Tyhtilä, Mari Laine, Georg Schleifer, Maria Kääriäinen (*Finland*)

13:00-14:00 | ROOM ONICE

ORAL PRESENTATIONS - PEDIATRIC LOW VISION

- 13:00** Considerations in paediatric low vision (re)habilitation
Bennett McAllister, Serena Sukhija (*USA*)
- 13:08** Managing low vision in school children in Victoria, Australia
Susan Carden, Deborah Davidson (*Australia*)
- 13:16** Optic atrophy in children with visual impairment: etiology, clinical features and low vision aid preferences
Burcin Cakir, Ozlem Bicer, Zisan Onaran Uner, Demet Yabanoglu, Esra Sahli (*Turkey*)
- 13:24** Feasibility of an app - Based assessment tool for cerebral visual impairment screening
Sahithya Bhaskaran, Harini Kannan, Vijayalakshmi Perumalsamy (*India*)
- 13:32** Study of executive functions in children with visual impairment: the proposal of an early neuropsychomotor intervention
Elena Cocchi, Marika Rolando, Giulia Perasso, Giulia Gavazzi (*Italy*)
- 13:40** Increased physical activity in congenitally blind and low vision children wearing a pediatric belt cane
William Penrod, Robert Enzenauer, Grace Ambrose-Zaken (*USA*)
- 13:48** Pediatric patient with pathological high myopia and myopic maculopathy: a multidisciplinary approach to low vision management and challenges in an African nation
Chinenye Timothy (*Nigeria*)



WEDNESDAY 10 SEPTEMBER 2025

13:00-14:00 | ROOM 4

ORAL PRESENTATIONS - VISUAL REHABILITATION

- 13:00** Effect of motor and cognitive rehabilitation strategies on visuomotor functional connectivity in glaucoma patients: a pilot study
Rohit Misra, Gokulraj Prabhakaran, Mahima Rebello, Khaldoon Al-Nosairy, Constantin Freitag, Cynthia Djuloun, Francie Stolle, Martin Behrens, Lutz Schega, Michael Hoffmann (Germany)
- 13:08** Assessment tool for occupational performance and mobility - Multisensory approach (ATOMM)
Lisa Lombardi, Lauren Moussallem, Maria Kolic, Lauren Ayton, Jessica Timmons, Michelle Sharples, Dean Johnson, Myra McGuinness, Carla Abbott, Penelope Allen (Australia)
- 13:16** Neurodevelopmental therapy in an interdisciplinary residential care path for children with visual impairment: the experience of the Robert Hollman Foundation
Serena Vaglio, Elisa Da Riva, Viviana Baiardi, Elena Mercuriali (Italy)
- 13:24** The impacts of hearing impairment on vision rehabilitation outcomes
Anas Obaideen, Judy Goldstein, Chris Bradley, Robert Massof, Kyoko Fujiwara, Pradeep Ramulu, Yingzi Xiong (USA)
- 13:32** Awareness of telerehabilitation as related to its implementation and barriers among Indian optometrists
Bhuvana Choday (India)
- 13:40** The influence of braille display line length and dimension on braille reading performance in adulthood: developing evidence-informed indicators to guide device selection in vision rehabilitation
Natalina Martiniello, Walter Wittich, Martin Bergevin, Sylvie Cantin, Marie-Claire Lemire (Canada)
- 13:48** A look into social understanding abilities of children with CVI
Lucia Schiatti, Marta Guarischi, Guido Catalano, Roberta Nicotra, Sabrina Signorini, Monica Gori (Italy)

13:00-14:15 | ROOM 9

ISLRR MEMBERSHIP ASSEMBLY



WEDNESDAY 10 SEPTEMBER 2025

14:30-16:45 | AUDITORIUM

THE PATH TO DEEPER VISUAL RE-MODULATION

Chairs: **Paolo Limoli** (*Italy*), **Serge Picaud** (*France*)

- 14:30** Novel approaches to functional vision assessment
Gislin Dagnelie (*USA*)
- 14:45** Outcome measures in gene therapy clinical trials
Lauren Ayton (*Australia*)
- 15:00** Rehabilitation of LV patients undergoing novel therapies
Ronald Schuchard (*USA*)
- 15:15** Why neuroretinal pathology progresses: oxidative, inflammatory and apoptotic processes
Imre Lengyel (*United Kingdom*)
- 15:30** Retinal molecular biology: the key to containing the progression of neuroretinal diseases
Luigi Donato (*Italy*)
- 15:45** Novel approaches to retinal repair: learning from zebrafish and the potential of mesenchymal exosomes
Lucia Poggi (*Italy*)
- 16:00** Cell therapy and neuroretinal diseases
Ayse Öner (**TÜRKIYE**)
- 16:15** Cell therapy without cells?
Neslihan Sinim Kahraman (*Turkey*)
- 16:30** Panel discussion

16:45-17:30 | EXHIBITION AREA BALLATOI

POSTER SESSION - 2B

17:30-18:45 | AUDITORIUM

DRIVING WITH LOW VISION: INSIGHTS FROM DIVERSE RESEARCH METHODS

Chairs: **Alex Bowers** (*USA*), **Bart Melis-Dankers** (*The Netherlands*)

- 17:30** Voices behind the wheel: central vision loss and advanced vehicle tech
Jing Xu (*USA*)
- 17:40** Driving simulator testing for patients with visual field defects
Satoshi Yokota (*Japan*)
- 17:50** Voices behind the wheel: central vision loss and advanced vehicle tech
Alex Bowers (*USA*)
- 18:00** Insights on vision and driving performance: closed vs. open road approaches
Joanne Wood (*Australia*)
- 18:10** On-road assessment of low vision drivers in Europe
Bart Melis-Dankers (*The Netherlands*)
- 18:20** On-road testing or simulator-based testing for individuals with visual field loss?
Janne Andersson (*Sweden*)
- 18:30** Panel discussion



WEDNESDAY 10 SEPTEMBER 2025

17:30-18:45 | ROOM VERDE

TECHNOLOGICAL APPROACHES TO VISION RESTORATION: BIONIC VISION, GENE THERAPY AND BEYOND

Chairs: **Lauren Ayton** (*Australia*), **Gislin Dagnelie** (*USA*), **Ralf Hornig** (*France*)

17:30 Introduction: IRD technologies 101
Lauren Ayton (*Australia*)

17:42 Vision prostheses
Michael Barry (*USA*)

17:54 Optogenetics
Samuel Barone (*USA*)

18:06 Small molecules
Brian Strem (*USA*)

18:18 Sensory substitution devices
Patricia Grant (*USA*)

18:30 Panel discussion

17:30-18:45 | LIMONAIA

VISION REHABILITATION FOR THE VISUALLY IMPAIRED: OVERCOMING CHALLENGES

Chairs: **Boshra Elbayoumi** (*Egypt*), **Gianfrancesco M. Villani** (*Italy*)

17:30 The best tools to overcome challenging cases in childhood visual impairment, experience in 30 years
Ayse Turan (*Turkey*)

17:40 Issues in the rehabilitation of low vision persons to read
Giovanni Giacomelli (*Italy*)

17:50 Low vision rehab for a patient with ocular syphilis and a diabetic patient under semaglutide treatment
Olga Goulia (*Greece*)

18:00 Artificial intelligence for visually impaired
Vanessa Bosch (*Mexico*)

18:10 Eyes wide open: confronting low vision rehabilitation blindspots
Werner Eisenbarth (*Germany*)

18:20 Is it possible for vision restoration techniques to replace LVD?
Boshra Elbayoumi (*Egypt*)

18:30 Panel discussion



WEDNESDAY 10 SEPTEMBER 2025

17:30-18:45 | ROOM ONICE

ORAL PRESENTATIONS - LOW VISION AIDS

- 17:30** Categorizing usage of visual assistive technology for daily tasks in seniors with low vision
Bethany Arabic, Ava Bittner, Micaela Gobeille, Cecilia Idman-Rait, Alexis Malkin, Jeffrey Ho, Max Estabrook, Nicole Ross (USA)
- 17:38** Accessibility at the blink of AI: how wearable technology affects independence for the visually-impaired community
Swati Modi, Jennifer Tasca, Cassandra Greene (USA)
- 17:46** Vibrotactile vision: tactile feedback for sensory substitution for visual impairment
Árni Kristjánsson, Ivan Makarov, Nashmin Yehaneh, Hafliði Ásgeirsson, Runar Unnthorsson (Iceland)
- 17:54** Vision-related quality of life, photoaversion, and optical rehabilitation in achromatopsia
Mette Kjøbæk Gundestrup Andersen, Joaquim Torner Jordana, Hanne Nielsen, Svend Gundestrup, Line Kessel (Denmark)
- 18:02** Evaluating the impact of LED spectral variations on color discrimination in low vision
Irie Yu¹, Katemake Pichayada², Eric Dinet³ (Japan, ²Thailand, ³France)
- 18:10** Central field Loss patients' ability to select targets with head-pointing using virtual reality: and exploratory psychophysical study
Camille Bordeau, Celia Passerel, Carlos Aguilar, Iliana Huyet, Caroline Topart, François Devin, Frederic Matonti, Pierre Kornprobst, Eric Castet (France)
- 18:18** Multi-center trial of multi-periscopic prism glasses for hemianopia
Eli Peli, Sailaja Manda, Sandhya Shekar, JaeHyun Jung, Alex Hwang, Alex Bowers (USA)
- 18:26** Use of a light lab for the evaluation of novel augmented reality night vision glasses
Karst Max Pieter Hoogsteen, Thijs te Velde, Frank Hoeben, Gerard de Wit (The Netherlands)
- 18:34** At-home trial of four different head-mounted displays on visual rehabilitation of people with Stargardt disease
Diana Schmidt, Christine Kjølholm, Joaquim Torner Jordana, Vibeke Spange, Pernille Højstrup, Bo Larsen, Line Kessel (Denmark)

17:30-18:45 | ROOM 4

TELEREHABILITATION FOR LOW VISION: READING OUTCOMES WITH MAGNIFICATION AIDS

Chairs: **Ava Bittner (USA), Nicole Ross (USA)**

- 17:30** Patient outcomes after magnifier training via telerehabilitation versus in-office support
Ava Bittner (USA)
- 17:45** Provider observations during telerehabilitation sessions for magnifier training
Kayla Gan (USA)
- 18:00** Patients' close acquaintances' observations of reading changes following magnifier training
Nicole Ross (USA)
- 18:15** Comparison of reading performance tests to patient reported outcomes of reading
Micaela Gobeille (USA)
- 18:30** Panel discussion



WEDNESDAY 10 SEPTEMBER 2025

17:30-18:45 | ROOM 9

NEUROVISUAL REHABILITATION A - PREVALENCE, SCREENING AND ASSESSMENT OF NEUROVISUAL DISORDERS

Chairs: **Joost Heutink** (*The Netherlands*), **Silvio Ionta** (*Switzerland*)

- 17:30** CVI clinical practice guidelines and barriers and facilitation for implementation
Els Ortibus (*Belgium*)
- 17:44** Screening for neurovisual disorders in centres for neurorehabilitation
Vera Linde Dol (*The Netherlands*)
- 17:58** Assessing neurological vision impairment - perspective from a specialist optometry clinic residual neglect
Christine Hazelton (*United Kingdom*)
- 18:12** Assessment of reading problems in homonymous hemianopia
Gera De Haan (*The Netherlands*)
- 18:26** Extensive assessment before rehabilitation in people with ms - what makes sense and what not?
Fleur Van Der Feen (*The Netherlands*)
- 18:40** Essential mindset: using reflective practice to support young children with CVI
Kitty Edstrand, Andrea Montano (*USA*)



THURSDAY 11 SEPTEMBER 2025

08:30-09:45 | AUDITORIUM

MYOPIA: MECHANISMS AND STRATEGIES TO SLOW DOWN ITS PROGRESSION (DEFOCUSING, RED LIGHT AND NEW TECHNOLOGIES)

Chairs: **Roberto Caputo** (*Italy*), **Giuliano Stramare** (*Italy*)

08:30 Introduction

Roberto Caputo (*Italy*), **Giuliano Stramare** (*Italy*)

08:35 Myopia progression from wearing first glasses to adult age: the DREAM Study

Jan Roelof Polling (*The Netherlands*)

09:05 Interventions to slow the progression of myopia in children: a living network meta-analysis

John Lawrenson (*United Kingdom*)

09:35 Discussion

08:30-09:45 | ROOM VERDE

INTRAOCULAR AND EXTRAOCULAR SOLUTIONS FOR LOW VISION

Chairs: **David Keegan** (*Ireland*), **Julie Silvestri** (*United Kingdom*)

08:30 Optics and trial results of the IMT and NG SI IMT devices

Rebecca Kammer (*USA*)

08:43 Real world experience with the NG SI IMT and SML devices

David Keegan (*Ireland*)

08:56 Patient selection for the Scharioth macular lens, does a contact simulator help?

Julie Silvestri (*United Kingdom*)

09:09 Patient selection and predicting good outcomes for intraocular magnifying devices: sing IMT experience

Paola Sasso (*Italy*)

09:22 Navigating the built environment - how can we help?

Laura Cushley (*United Kingdom*)

09:35 Panel discussion

08:30-09:45 | LIMONAIA

UNDERSTANDING BINOCULAR VISION OF PATIENTS WITH MACULAR DISEASE

Chairs: **Gordon Legge** (*USA*), **Luminita Tarita-Nistor** (*Canada*), **Gianfrancesco M. Villani** (*Italy*)

08:30 Mechanisms and alterations of binocular vision in aging and ocular diseases

MiYoung Kwon (*USA*)

08:45 Binocular reading summation and inhibition in macular disease

Filippo Amore (*Italy*)

09:00 Vision training for patients with binocular inhibition

Valeria Silvestri (*Italy*)

09:15 Implications of scotoma overlap in the two eyes in macular degeneration

Preti Verghese (*USA*)

09:30 Binocularity considerations when evaluating the PRL in patients with central vision loss

Luminita Tarita-Nistor (*Canada*)



THURSDAY 11 SEPTEMBER 2025

08:30-09:45 | ROOM ONICE

FUNCTIONALITY AND USABILITY OF ASSISTIVE TECHNOLOGY FOR PEOPLE WITH VISION IMPAIRMENT

Chairs: **Alexis Malkin** (USA), **Hilde Van Der Aa** (The Netherlands)

- 08:30** The functionality and usability of head-mounted displays (HMDs)
Michael Crossland (United Kingdom)
- 08:45** Functionality and usability of artificial intelligence (A.I.) apps and devices
William Seiple (USA)
- 09:00** The usability and cost-effectiveness of a blended eHealth intervention to reduce fatigue in adults with vision impairment
Manon Veldman (The Netherlands)
- 09:15** Training with use of apps in low vision
Alexis Malkin (USA)
- 09:30** Panel discussion

08:30-09:45 | ROOM 4

SELECTED TOPICS IN CONGENITAL AND EARLY-ONSET DEAFBLINDNESS

Chairs: **Shirley Dumassais** (Canada), **Walter Wittich** (Canada)

- 08:30** An environmental scan: challenges and gaps in Canada's healthcare system regarding vision and hearing health
Karen Keyes (Canada)
- 08:43** Validation of the life adjustment model as a psycho-educative group intervention
Moa Wahlqvist (Sweden)
- 08:56** Management of delayed language development of children with cortical visual impairment in Hope City Foundation
Amal Ezzat (Egypt)
- 09:09** Comparing education pathways for deafblind children in the Global South and Global North
Walter Wittich (Canada)
- 09:22** Effective partners strategies for enhancing communicative and cognitive abilities of children with congenital deafblindness
Saskia Damen (The Netherlands)
- 09:35** Panel discussion



THURSDAY 11 SEPTEMBER 2025

08:30-09:45 | ROOM 9

NEUROVISUAL REHABILITATION B - REHABILITATION OF VISUAL DISORDERS AFTER ACQUIRED BRAIN DISEASE

Chair: **Joost Heutink** (*The Netherlands*)

- 08:30** Rehabilitation for visual perceptual problems - putting the evidence into practice
Christine Hazelton (*United Kingdom*)
- 08:43** Rehabilitation of visual disorders after acquired brain disease
TBD
- 08:56** Neurovisual rehabilitation of reading problems in hemianopia
Gera de Haan (*The Netherlands*)
- 09:09** Adaptive monocular filtering: a forgotten paradigm in neurovisual rehabilitation
Jan Koopman (*The Netherlands*)
- 09:22** The effects of neurovisual rehabilitation on daily activities and quality of life - results of ongoing research with PREMs and PROMs at Royal Dutch Visio
Joost Heutink (*The Netherlands*)
- 09:35** Discussion

09:45-10:30 | EXHIBITION AREA BALLATOI POSTER SESSION - 3A

10:30-12:45 | AUDITORIUM

USING YOUR VISUAL IMPAIRED EYE BETTER: STRATEGIES FOR CORRECT VISUAL REHABILITATION

Chairs: **Anna D'Ambrosio** (*Italy*), **Ben Thompson** (*Canada*)

- 10:30** Keynote Lecture: Clinical pearls for a successful low vision rehabilitation
Donald Fletcher (*USA*)
- 10:50** A digital pill for visual rehabilitation
TBD
- 11:05** Harnessing neuroplasticity for vision rehabilitation
Ben Thompson (*Canada*)
- 11:20** Training individuals with low vision to see better: from the eyes of a participant
Susana Chung (*USA*)
- 11:35** Assistive devices for individuals with low vision (TBC)
Alexis Malkin (*USA*)
- 11:50** How visually impaired patients make decision during navigating unfamiliar environment
Allen Cheong (*Hong Kong*)
- 12:05** Biofeedback training for individuals with low vision
Monica Nido (*Canada*)
- 12:20** Global low vision rehabilitation services in the post-COVID era
Ahalya Subramanian (*United Kingdom*)
- 12:35** Discussion



THURSDAY 11 SEPTEMBER 2025

13:00-14:00 | AUDITORIUM

ORAL PRESENTATIONS - QUALITY OF LIFE, DRIVING AND READING

- 13:00** Patient satisfaction and acceptability of an innovative, behavioral health intervention to improve glaucoma medication management among African Americans
Molly Whitney, Christopher Girkin, Brooke Bailey, Payton Rackley, Laura Griggs, Laura Dreer (USA)
- 13:08** Evaluating the “macular degeneration: what happens next?” question prompt list: enhancing communication in ophthalmology consultations
Mariska Scheffer¹, Juliane Menting¹, Ruth van Nispen¹, Sandra van Dulmen^{1,2} (¹The Netherlands, ²Sweden)
- 13:16** Survey on vision-related quality of life for visual impairment students: Quanzhou Special Education School Research
Ting Chen, Mingjia Wang, Zhikang Liao, Jianmin Hu (China)
- 13:24** Seeing hazards with low vision: detection, recognition, and boundary perception
Qingying Gao, Rama Chellappa, Cheng Peng, Gordon Legge, Roberto Manduchi, Yingzi Xiong (USA)
- 13:32** A novel head-scanning training program improves blind-side scanning and detection in drivers with hemianopia
Alex Bowers, Yi Ni Toh, Patrick Baker, Jing Xu (USA)
- 13:40** Quality of life and participation after corneal transplantation and potential predictors: a multicenter prospective study
Ellen Elsman, Date Van der Meij, Hilde Van Der Aa, Nathalie Santana, M. Bartels, M. Zaal, Y. Cheng, Rudy Nuijts, Ger Van Rens, Ruth van Nispen (The Netherlands)
- 13:48** The effects of character size on rapid serial visual presentation reading speed and visual-span profiles in Japanese
Miu Kitana, Yefei Liang, Haizeng Fan, Atsuhito Toda, Mai Imazu, Kazuhito Ujima (Japan)

13:00-14:00 | ROOM VERDE

COURSE ID 30 - UNDERSTANDING GEOGRAPHIC ATROPHY

Organizer: **Janet Sunness (USA)**

Co-organizer: **Donald Fletcher (USA)**

- 13:00** Understanding geographic atrophy
Janet Sunness (USA)
- 13:25** Assessing and treating macular scotomas
Donald Fletcher (USA)
- 13:50** Discussion



THURSDAY 11 SEPTEMBER 2025

13:00-14:00 | LIMONAIA

ORAL PRESENTATIONS - OTHERS

- 13:00** Modifications in lighting requirements for visually impaired patients through the implementation of advanced screen technologies
Kazim Hilmi Or (*Germany*)
- 13:08** Visual evoked potential before and after microperimetry rehabilitation
Anna D'Ambrosio, Matteo Dicembrino, Mariantonietta Di Brina, Antonia Delli Calici, Roberto Volpe (*Italy*)
- 13:16** The effect of mesenchymal exosome treatment on visual functions in children with CVI
Semrin Timlioglu Iper, Enes Kesim, Ibrahim Kamer, Burak Tatli (*Turkey*)
- 13:24** Role of parents in employability preparations for children and young people with blindness or low vision in Australia
Natalie Kaine, Anne Honey, Chris Chapparo, Julianne Challita (*Australia*)
- 13:32** Making research on vision and stroke relevant: a Norwegian priority setting partnership initiative
Torgeir Mathisen, Helle Falkenberg (*Norway*)
- 13:40** A pilot educational programme on low vision for ophthalmology residents in Singapore
Danial Bohan (*Singapore*)
- 13:48** Ageing at home with impaired vision: cognitive decline as the tipping point?
Tiina Pesonen, Heidi Siira, Johanna Edgren, Satu Elo (*Finland*)

13:00-14:00 | ROOM ONICE

ORAL PRESENTATIONS - LOW VISION ORGANIZATION AND ARTIFICIAL INTELLIGENCE

- 13:00** Building bridges in vision rehabilitation: a model for global collaboration
Bett Barstow¹, Jason Vice¹, Belinda Leibowitz² (¹USA, ²South Africa)
- 13:08** Setting up vision rehabilitation services in Nigeria
Adedayo Adio (*Nigeria*)
- 13:16** Giving students a voice: self-advocacy training for students with visual impairments to increase confidence, independence, and self-determination
Karin Geraci, Stephanie Jones, Mindy Koehne, Ruth Childs, Kelly Lusk (*USA*)
- 13:24** Evaluation of vision language model for way finding tasks
Gang Luo¹, Junxian He², Shrinivas Pundlik¹ (¹USA, ²China)
- 13:32** Accessibility in clinic design: lessons from visually impaired patients
Hannah Holzer, Kimberly Papp, Matthew Holzer, Marvi Cheema (*Canada*)
- 13:40** Client-centred outcome measurement of orientation and mobility, vision rehabilitation and low vision services
Ashley Shaw, Jennifer Urosevic (*Canada*)
- 13:48** Benefits and limitations of a scanner and reader with artificial intelligence (AI) enabled spectacle assistive device for individuals with low vision
Sneha Aggarwal^{1,2}, Radhika Tandon Tandon¹, Suraj Singh Senjam¹, Praveen Vashist¹ (¹India, ²United Kingdom)



THURSDAY 11 SEPTEMBER 2025

13:00-14:00 | ROOM 4

ORAL PRESENTATIONS - VISUAL REHABILITATION AND PROTHESIS

- 13:00** Telerehabilitation: creating access for underserved low vision communities
Rebecca Kammer, Nilima Tanna (USA)
- 13:08** Visuo-motor processing training in individuals with acquired brain injury
Valeria Silvestri, Margherita Guidobaldi, Paola Piscopo, Marco Sulfaro, Francesca de Rossi, Simona Turco, Filippo Amore (Italy)
- 13:16** Exploring the adherence and effectiveness of the telerehabilitation program in school-aged children with vision impairments
Margherita Guidobaldi, Valeria Silvestri, Marco Sulfaro, Paola Piscopo, Simona Turco, Francesca de Rossi, Filippo Amore (Italy)
- 13:24** Preferred retinal locus rehabilitation in patients with acquired macular diseases
Nádia Fernandes, Marta Castro Araujo, Tiago Carvalho, Ana Catarina Almeida, Carla Rita dos Santos Costa Lança (Portugal)
- 13:32** Which type of augmented reality device helps individuals with low vision for various visual tasks?
Sarika Gopalakrishnan, Arathy Kartha, Ronald Schuchard, Donald Fletcher (USA)
- 13:40** Experiences and meanings of the use of non-mimetic ocular prostheses for ocular trauma survivors of the social protests in Chile (2019-2020): a qualitative phenomenological study
Patricio Bustamante Veas, Eric Tapia Escobar, Angela Cura Mendez, Sebastián Córdova González, Paula Coñoepan (Chile)
- 13:48** Bioness Integrated Therapy System (BITS) normative data for healthy adults: visual scanning
Lulwah Almulhim, Scott Snyder, Jason Vice, Elizabeth Barstow (USA)

13:00-14:00 | ROOM 9

ISLRR MEMBERSHIP ASSEMBLY



THURSDAY 11 SEPTEMBER 2025

14:30-16:45 | AUDITORIUM

IMPROVING PERCEPTION: NEUROCOGNITIVE DYNAMICS OF VISUAL IMPAIRMENT AND RELATED NEUROMODULATION

Chairs: **Joost Heutink** (*The Netherlands*), **Silvio Ionta** (*Switzerland*)

- 14:30** Keynote Lecture: Reading disorders due to lesions along the visual pathway
Susanne Trauzettel-Klosinsky (*Germany*)
- 14:50** Vision problems due to brain pathologies
Joost Heutink (*The Netherlands*)
- 15:03** Visual impairment due to stroke
Fiona Rowe (*United Kingdom*)
- 15:16** Effects of visual impairment on neuroplastic changes in the visual cortex
Antony Morland (*United Kingdom*)
- 15:29** Cortical acetylcholine release during visual experience
Elvire Vaucher (*Canada*)
- 15:42** Body-related cognitive effects of low vision
Silvio Ionta (*Switzerland*)
- 15:55** Visual cortical activity in Charles Bonnet syndrome
Katrina Da Silva Morgan (*United Kingdom*)
- 16:08** Brain stimulation and reading or visual skills
Allen Cheong (*Hong Kong*)
- 16:21** Creative interventions for cerebral visual impairment
Els Ortibus (*Belgium*)
- 16:34** Panel discussion



THURSDAY 11 SEPTEMBER 2025

16:45-17:30 | EXHIBITION AREA BALLATOI POSTER SESSION - 3B

17:30-18:45 | AUDITORIUM

AWARD FOR FIVE TOP-RATED PRESENTATIONS AND POSTER, THANKSGIVING AND FAREWELL GREETING FROM THE AUTHORITIES, AND MORE

Chairs: **Filippo Amore** (Italy), **Anna D'Ambrosio** (Italy), **Federico Bartolomei** (Italy), **Paolo G. Limoli** (Italy), **Simona Turco** (Italy), **Gianfrancesco Villani** (Italy), **Gianni Virgili** (Italy), **Roberto Volpe** (Italy),

FIVE TOP-RATED PRESENTATIONS

- 17:30** Analysis of influencing factors on the health utility values evaluation of visually impaired adolescents
Bingbing Li, Ting Chen, Jian bo Yao, Jianmin Hu (China)
- 17:38** The relation between observed parenting behaviour and developmental outcomes in toddlers with vision impairment
Carlijn Veldhorst, Sabina Kef (The Netherlands)
- 17:46** Improved gait in 100 pediatric blind and low vision patients once wearing a pediatric belt cane
Paul Chong, Ishani Bakshi, Robert Enzenauer, Grace Ambrose-Zaken (USA)
- 17:54** A 10 year audit of the neuro-ophthalmic visual impairment clinic
Moyra McClure, Pamela Anketell, Sonia George, Andrew Jonathan Jackson (United Kingdom)
- 18:02** Audio-luminous biofeedback training for improving visual functions and quality of life in children with infantile nystagmus: a long-and-short term analysis
Monica Nido, Ghaliah Nsour, Mariana Misawa, Max Goldsmith, Michelle Markowitz, Samuel Markowitz (Canada)

FIVE TOP-RATED POSTERS

- 18:10** Developing interpersonal skills: intergenerational interactions in vocational training in schools for the blind
Erika Matsuda, Shuji Tsuda, Hisae Miyauchi (Japan)
- 18:13** Sheet music for low vision - a simulation study
Natsuki Toguchi, Momoka Nakagawa, Kuranishi Kiara, Koichi Oda (Japan)
- 18:16** Exploring the professional characteristics of healthcare and educational specialists involved in the management of cerebral visual impairment in Singapore
Yi Ling Tan (Singapore)
- 18:19** Effects of neuro-photostimulation and ion induction on visual acuity and retinal sensitivity in patients with Stargardt: a pilot study
Riccardo Di Corato (Italy)
- 18:22** Comparison between neural photostimulation with pattern-microperimetric technique and the technique enhanced by stimulation with negative ions in patients with age-related macular degeneration
Marco De Dominicis (Italy)
- 18:25** Career award to Gordon Legge
Ben Thompson (Canada)

and thanksgiving and farewell greeting from the authorities



THURSDAY 11 SEPTEMBER 2025

17:30-18:45 | ROOM VERDE

READING WITH LOW VISION

Chairs: **Aurelie Calabrese** (*France*), **Antonio Filipe Macedo** (*Sweden*)

- 17:30** Assessment of newly designed fonts for visual accessibility
Gordon Legge (*USA*)
- 17:42** Reading magnified newspapers versus newspapers magnification: a new method to address the local/global navigation problem on digital devices
Sebastian Gallardo (*France*)
- 17:54** Reading with low vision: visual acuity, print size and magnification
Susana Chung (*USA*)
- 18:06** Influence of the linguistic word features when reading with a central scotoma
Eole Lapeyre (*France*)
- 18:18** The use of PRL in free reading
Arda Fidanci (*USA*)
- 18:30** Discussion

17:30-18:45 | LIMONAIA

MICROPERIMETRY FROM RESEARCH TO CLINICAL APPLICATIONS

Chairs: **Winfried Amoaku** (*United Kingdom*), **Marco Ulises Morales** (*United Kingdom*)

- 17:30** MP pearls & pitfalls
Georg Ansari (*Switzerland*)
- 17:43** The role of the preferred retinal locus (PRL) in retinal diseases
TBD
- 17:56** Longitudinal structure-function correlation
Jasleen Jolly (*United Kingdom*)
- 18:09** Rehabilitation pathway from microperimetry to orientation and mobility
Davide Cacciatore (*Italy*)
- 18:19** Evolution of microperimetry, the past, present and future
Marco Ulises Morales (*United Kingdom*)
- 18:32** Visual rehabilitation case reports from a real-world clinical practice
Kawtar Faik (*Italy*)



THURSDAY 11 SEPTEMBER 2025

17:30-18:45 | ROOM ONICE

COURSE ID 50 - VISIONS THROUGH THE AGES: NARRATIVES OF BLINDNESS FROM RENAISSANCE ART HISTORY TO MODERN ACCESSIBILITY

Organizer: **Rachelle Lin** (USA)

Co-organizer: **Patrick Yoshinaga** (USA)

VISIONS THROUGH THE AGES NARRATIVES OF BLINDNESS FROM RENAISSANCE ART HISTORY TO MODERN ACCESSIBILITY

17:30 Representation and narratives of blindness in art history and modern times."
Rachelle Lin (USA)

17:47 Examining the effects of vision loss on art creation
Patrick Yoshinaga (USA)

18:04 Art accessibility for today and the future
Wayne Heidle (USA)

18:21 Discussion

17:30-18:45 | ROOM 4

DEAFBLINDNESS ACROSS THE LIFE-SPAN

Chairs: **Karen Keyes** (Canada), **Walter Wittich** (Canada)

17:30 The development of the WHO ICF core sets for deafblindness for children and youth
Shirley Dumassais (Canada)

17:45 This is not about football only, it is about the right to PARTICIPATION
Rolf Lund (Sweden)

18:00 Labour market participation of people with acquired deafblindness
Eline Heppe (The Netherlands)

18:15 The influence of varying degrees of dual sensory loss on daily life
Esther Veenman (The Netherlands)

18:30 An invisible disability - developing strategies for older Australians with dual sensory impairment
Moira Dunsmore (Australia)

17:30-18:45 | ROOM 9

MANAGEMENT OF CVI

Chairs: **Linda Lawrence** (USA), **Daniela Ricci** (Italy)

17:30 Models of intervention in different countries
Linda Lawrence (USA)

17:42 Building collaborative teams: effective strategies for assessing and intervening in children with CVI
Terry Schawartz (USA)

17:54 The important role of teachers on the CVI team
Kelly Lusk (USA)

18:06 Early intervention in CVI
Andrea Guzzetta (Italy)

18:18 Family center care and CVI
Martha Montello (USA)

18:28 Testimony
William Francis Jhonson (USA)

18:38 Discussion



POSTER SESSIONS



POSTER SESSION 1A-1B - TUESDAY 9 SEPTEMBER 2025

- P01 Artificial intelligence-assisted quantification of hyperreflective foci as predictive biomarkers in retinal vein occlusion: a comparative study of intravitreal Anti-VEGF and dexamethasone therapies
Giovanna Carnovale Scalzo, Domenico Chisari, Raffaella Gioia, Adriano Carnevali (*Italy*)
- P02 Comparison of quality of life with OrCam Vision Simulator with AI based Mobile applications in legally blind subjects
Mehreen Tanveer, Widat Sohail, Imtiaz Masih (*Pakistan*)
- P03 D4BLISS: digital for BLInd autonomouS skiing
Mirco Fava, Giovanni Perona, Marco Allegretti, Isabella Bordi, Chiara Mastantuono, Daniele Sabatini (*Italy*)
- P04 Enhancing rehabilitation for low vision with digital twins
Kazim Hilmi Or (*Germany*)
- P05 Utilizing an artificial intelligence ChatBot in low vision clinic
Truyet Tran (*USA*)
- P06 Causes of visual impairment and blindness in youth and early adulthood in patients attended at the low vision service of the Conde de Valenciana Institute of Ophtalmology between 2017 and 2021
Alexis Altamirano (*Peru*)
- P07 Employment status and support needs of people with visual impairment in Japan: an analysis based on a nationwide survey
Yasushi Nakano, Toyoharu Yoshiizumi, Hisae Miyauchi, Shiori Yamamoto, Konomi Fukuda, Yusaku Katada, Ari Shinojima, Toshihide Kurihara (*Japan*)
- P08 Family marriage is an important risk factor for vision impairment among Iranian visually impaired children
Abbas Riazi, Fatemeh Riazi (*Iran*)
- P09 Heart health in our visually impaired patients: do visually impaired individuals have more cardiac symptoms than normally sighted individuals?
Karen Squier (*USA*)
- P10 Impact of low vision and blindness on academic and professional live: insights from the Visual Education and Rehabilitation Centre at Policlinico di Bari (2023-24)
Marina Piepoli, Valentina Pastore, Margherita Capobianco, Annalisa Palmisano, Andrea Ferrara, Giovanni Alessio (*Bari*)
- P11 Initial study on the demographics and clinical characteristics of visually impaired athletes in the Philippines
Sheila Santos-Jimenez, Katrina Feliciano, Angelo Jud Cruz (*Philippines*)
- P12 Medical and legal point of view for low-vision patients
Sonia Palmieri, Gian Piero Covelli, Pietro Alberto Cusimano, Francesco Famá, Luciana Vlachos (*Italy*)
- P13 Patients with a visual disability certificate treated in a university hospital in the metropolitan area of Buenos Aires, Argentina: characteristics and associated diagnoses
Betty Arteaga, Natalia Mascheroni (*Argentina*)
- P14 Prevalence of low vision and its preventable causes: a hospital based study
Ashma Manandhar (*Nepal*)
- P15 Prevalence of visual impairment and refractive errors in Nepalese students with disability
Hari Thapa (*Nepal*)
- P16 Tailoring low vision services to individuals with a different cultural background
Evelien Hollestelle, Monica Kostveloren (*The Netherlands*)
- P17 The 10-year demographic and clinical profiles of low vision patients in the national specialty center for eye care in the Philippines
Rafael Fontanilla, Sheila Santos-Jimenez (*Philippines*)



POSTER SESSION 1A-1B - TUESDAY 9 SEPTEMBER 2025

- P18 Visual impairment and refractive error in rural Nepalese children under five years of age
Mahesh Dev¹, Hari Thapa¹, Kabindra Bajracharya¹, Sirshendu Chaudhuri¹, Namrata Pandey¹, Saraswati Khadka², Katie Judson², Ken Bassett³, Prakash Paudel³ (¹Nepal, ²Canada, ³Australia)
- P19 Visual-functional impact of people affected by severe ocular trauma during social protests in Chile 2019
Patricio Bustamante Veas, Joaquín Varas Reyes, Eric Tapia Escobar, Miguel Campos Garrido, Jose Sanhueza, Claudia Salazar, Nicole Tapia, Gianinna Mantero, Nayadet Vergara (Chile)
- P20 CACNA1F-related optic atrophy: a case report
Anja Palmowski-Wolfe¹, Carlo Rivolta^{1,2}, Kaminska Karolina¹, Georg Ansari¹, Mathieu Quinodoz^{1,2} (¹Switzerland, ²United Kingdom)
- P21 Identification of visual cortex abnormalities with innovative fMRI micro-probing
Michael Hoffmann¹, Khaldoon Al-Nosairy¹, Elisabeth Quanz¹, Joana Carvalho², Frans Cornelissen³, Gokulraj Prabhakaran¹ (¹Germany, ²Portugal, ³The Netherlands)
- P22 A multisensory approach in neurodevelopmental therapy of the child with visual impairment: the experience of Robert Hollman Foundation
Elisa Da Riva, Serena Vaglio, Viviana Baiardi, Valeria Biuso, Elena Mercuriali (Italy)
- P23 Exploring the professional characteristics of healthcare and educational specialists involved in the management of cerebral visual impairment in Singapore
Yi Ling Tan (Singapore)
- P24 Interdisciplinarity and Interprofessionality in early intervention: repercussions of an course in eye health
Rita Montilha, Gabriela Cordeiro Correa do Nascimento, Ana Claudia Fernandes (Brazil)
- P25 Long-term functional results after cataract extraction without intraocular lens implantation in children under one year of age
Eva Calpe, Gemma Julio, Alba Herrero, Andrea Pastor, Luz Maria Torres, Rafael I. Barraquer (Spain)
- P26 Optimizing initial contact lens power in infantile aphakia after cataract surgery
Eva Calpe, Eloi Rodriguez, Gemma Julio, Luz Maria Torres, Andrea Pastor, Rafael I. Barraquer (Spain)
- P27 Seeing is not the that looking. Working for his future
Maria Veronica Lopez Fernandez (Argentina)
- P28 The impact of early intervention in pediatric population
Linda Pang (USA)
- P29 A multisensory approach to improve color association in low vision children
Anna D'Ambrosio, Maria Teresa Gatta, Alessandro Di Giorgio, Maria Pia Sabatino (Italy)
- P30 Amblyopia rehabilitation: a preliminary study on the efficacy of an alternative therapeutic method within Italian patients
Giambattista Bari, Anna D'Ambrosio, Francesco Petrizzelli, Antonio Laborante (San Giovanni Rotondo)
- P31 Analysis of the causes of visual impairment and rehabilitation goals in patients of the visual rehabilitation service of Ghent University Hospital (2020-2024)
Julie Sambaer, Ann Vandesteene, Ellen Van de Ginste, Charlotte De Reu, Sophie Walraedt, Inge Joniau (Belgium)
- P32 At-home training on a dichoptic reading application to improve vision in adults with amblyopia
Nicole Dranitsaris, Robert Hess, Alexandre Reynaud (Canada)
- P33 Biofeedback and perceptual learning as intensive visual rehabilitation: a case report
Margherita Guidobaldi, Marco Sulfaro, Valeria Silvestri, Simona Turco, Filippo Amore (Italy)
- P34 Comparison of visual rehabilitation with and without cell therapy: clinical and statistical evidence
Ilaria Ciochetta (Italy)



POSTER SESSION 1A-1B - TUESDAY 9 SEPTEMBER 2025

- P35 Comparison between neural photostimulation with pattern-microperimetric technique and the technique enhanced by stimulation with negative ions in patients with age-related macular degeneration
Marco De Dominicis (*Italy*)
- P36 Cost-effectiveness of basic vision rehabilitation service in Portugal - randomized controlled trial
Laura Hernández Moreno¹, Hugo Senra¹, Natacha Moreni¹, Ana Patricia Marques², Antonio Filipe Macedo³ (*Portugal, ²United Kingdom, ³Sweden*)
- P37 Developing interpersonal skills: intergenerational interactions in vocational training in schools for the blind
Erika Matsuda, Shuji Tsuda, Hisae Miyauchi (*Japan*)
- P38 Development of generic care modules for the visual complaints of people with multiple sclerosis - project update
Kim Hurst, Fleur Van Der Feen, Joost Heutink (*The Netherlands*)
- P39 Effectiveness of vision rehabilitation in a patient with central retinitis pigmentosa: a case study
Rajeev Prasad (*India*)
- P40 Effects of neuro-photostimulation and ion induction on visual acuity and retinal sensitivity in patients with Stargardt: a pilot study
Riccardo Di Corato (*Italy*)
- P41 Effects of neuro-photostimulation and iontophoretic induction on visual acuity and retinal sensitivity in patients with glaucoma and myopia: a pilot study
Ilaria Ciochetta (*Italy*)
- P42 Enhancing visual rehabilitation: quantifying ocular and motor strategies with digital Ergo-perimetry and eye-tracking
Francesca Peveri, Antonella Panizzi, Andrea Canessa, Silvio P. Sabatini (*Italy*)
- P43 Gathering insights from participants in the OT 1st service delivery quality improvement project in vision rehab services
Kimberly Hreha, Madison Dunning, Omar Mohiuddin, Fay Tripp, Diane Whitaker (*USA*)
- P44 Genetically inherited disease low vision rehabilitation study in an urban hospital service
Heidi Bowie (*USA*)
- P45 Insulin and biological visual rehabilitation in patients with neuroretinal degeneration previously treated with mesenchymal cell-derived secretome
Celeste Limoli, Paolo Limoli, Marcella Nebbioso (*Italy*)
- P46 Is biofeedback stimulation for subjects with Stargardt disease an effective long-term treatment? A follow-up review study
Monica Pennino, Valeria Silvestri, Paola Piscopo, Marco Sulfaro, Simona Turco, Filippo Amore, Giovanni Giacomelli, Gianni Virgili, Dario Mucciolo, Vittoria Murro (*Italy*)
- P47 Light table playing activities with parents: effects on visual function and eye-hand coordination in children with visual impairment.
Simona Leone, Chiara Velli, Maria Petrianni, Lorenzo Orazi, Maria Mallardi, Francesca Sini, Filippo Amore, Daniela Ricci (*Italy*)
- P48 Low vision management of uveal coloboma
Sunkanmi Arogbokun, Elizabeth Barstow (*USA*)
- P49 Multidisciplinary approach to rehabilitation of children within the National Centre for blind and Visually Impaired at the University Eye Clinic Ljubljana, Slovenia
Silvija Delfin, Sara Rot, Petra Ilc, Katja Molek, Spela Pungartnik, Jasmina Tahirovic (*Slovenia*)
- P50 Our experience in medical and social rehabilitation of military personnel with complete and rapidly progressive loss of visual functions
Kateryna Hrizhymalska, Yulia Saldan, Iryna Pshenychna (*Ukraine*)



POSTER SESSION 1A-1B - TUESDAY 9 SEPTEMBER 2025

- P51 Personalized gaze-contingent overlays to enhance scotoma awareness in central vision loss
Jason Vice, Marcello Maniglia (USA)
- P52 Post-gene therapy visual rehabilitation in Leber's hereditary optic neuropathy: a case of audiovisual stimulation
Valentina Facchini, Valentina Salvagno, Aldo Vagge (Italy)
- P53 PRIMA photovoltaic subretinal prosthesis for geographic atrophy
3arco Lombardo, Andrea Cusumano, Marco Pileri, Raffaele Mancino, Carlo Nucci, Massimo Cesareo (Italy)
- P54 Prismatic correction for improving near visual acuity in patients with maculopathy
Mehreen Tanveer (Pakistan)
- P55 Providing services in crisis - Experiences of professionals in deafblind rehabilitation during the Covid-19 pandemic
Moa Wahlqvist, Mattias Ehn, Agneta Anderzen Carlsson (Sweden)
- P56 Psychosocial considerations for the care and rehabilitation of survivors of ocular trauma caused by state agent violence in Chile
Joaquín Varas Reyes, Gonzalo Rojas, Matias Ríos, Andrea Herrera, Camila Corral, Sebastián Córdova González, Rodrigo Osorio Larraín (Chile)
- P57 Reading beyond limits: interventions to combat central scotomas and visual field deficits
Dawn Ciccarone, Daniel Hoffman (USA)
- P58 Telescoping through tunnel-vision: a case report on the role of low vision in steroid-induced glaucoma in a 25-year-old Filipina with juvenile rheumatoid arthritis
Rafael Fontanilla, Sheila Santos-Jimenez (Philippines)
- P59 The effectiveness of visual rehabilitation for students with Down syndrome: a case study
Fu-Yu Kuan, Fu-Chun Chang, Ting-Yu Tseng, Ting-Hsuan Lu, Ching-Ying Cheng (Taiwan)
- P60 The first results of dichoptic therapy in the Georgian population
Nino Kobakhidze¹, Tinatin Jikurashvili¹, Mariam Mkheidze¹, Faiza Bhombal² (¹Georgia, ²Singapore)
- P61 Three siblings, one diagnosis: a case series on low vision rehabilitation for juvenile macular degeneration in a resource-limited setting
Ekeoma Adure Edemeraro (Nigeria)
- P62 Vision rehabilitation of bilateral optic neuritis secondary to delayed diagnosis of neuromyelitis optica spectrum disorder: a case report
Chinenye Timothy (Nigeria)
- P63 Visual perceptual learning in patients with central vision impairment
Floriana Ferranti (Monza)
- P64 Visual rehabilitation for kindergarten children with special needs
Hsi-Pao Hsieh, Chao-An Chi, Min-Muh Sheu, Fu-Yu Kuan, Ching-Ying Cheng (Taiwan)
- P65 Visual rehabilitation in an infant with aniridia
Ana Balta Rodriguez, Silvia Lawlor, Claudia Alvarez Schwarzkopf (Uruguay)
- P66 Visual rehabilitation in patient survivors of cerebral stroke
Floriana Ferranti (Monza)
- P67 Visual telerehabilitation in adults with low vision
Antonella Panizzi, Valentina Facchini, Sven Groenhoff (Italy)



POSTER SESSION 2A-2B - WEDNESDAY 10 SEPTEMBER 2025

- P68 A virtual reality iterative digital cover test for strabismus assessment
Federico Ferracini, Francesca Peveri, Carlo Catti, Aldo Vagge, Agostino Gibaldi, Andrea Canessa, Silvio P. Sabatini (*Italy*)
- P69 Assessment of full-field stimulus threshold test results in Stargardts' disease: correlations with full- field electroretinography, multifocal electroretinography and optical coherence tomography
Zekeriya Cetinkaya, Neslihan Sinim Kahraman, Ayse Öner (*Turkey*)
- P70 Assessing functional vision using eye-tracking in people with visual and intellectual disabilities
Minke de Boer, Frans Cornelissen, Aly Waninge (*The Netherlands*)
- P71 Assessment of overall function in low vision patients using WHO Disability Assessment Schedule 2.0, Chinese-version Low Vision Quality of Life Questionnaire, and International Classification of Functioning, Disability and Health Rehabilitation Set
Zhiyong Meng, Yang Yu, Tongtong Wei, Jianmin Hu (*China*)
- P72 Assessment of overall functional status applying WHO Disability Assessment Schedule 2.0 in patients with low vision due to diabetic retinopathy
Miaoling He, Yang Yu, Jian bo Yao, Jianmin Hu (*China*)
- P73 Enhancing eye-tracking accuracy through a custom monocular calibration method in virtual reality
Federico Ferracini, Francesca Peveri, Carlo Catti, Aldo Vagge, Agostino Gibaldi, Andrea Canessa, Silvio P. Sabatini (*Italy*)
- P74 How do people with different levels of vision loss estimate distances of different sound sources stimuli?
Shahina Pardhan, Andrew Kolarik, Silvia Cirstea, Rajiv Raman, Saranya Velu, Brian Moore (*United Kingdom*)
- P75 Integrating vision rehabilitation as part of neurorehabilitation in acquired brain injuries in neurological recovery
Valeria Silvestri, Margherita Guidobaldi, Paola Piscopo, Marco Sulfaro, Francesca de Rossi, Augusto Fusco, Luca Padua, Filippo Amore, Simona Turco (*Italy*)
- P76 Investigating inherited retinal diseases in a greek population: functional vision parameters and demographic characteristics
Stavroula Almpnidou, Diamantis Almaliotis, Anna Nikolaidou, Persefoni Talimtzi, Theodosis Chatziballis, Vasileios Karampatakis (*Greece*)
- P77 Microsaccadic phase signature: an objective marker of visual field defects in homonymous hemianopia after stroke
Ying Gao¹, Huiguang He¹, Bernhard Sabel² (*¹China, ²Germany*)
- P78 Neurophysiological indicators in pattern visual evoked potential (P-VEP) for predicting amblyopia
Jong Soo Lee, Myung Ho Cho, Jae Hyun Kim, Ji Hoon Ban (*South Korea*)
- P79 Preliminary results on the use and interpretation of intelligence tests for adults with visual impairments: a literature review
Cynthia Lamper, Edine van Munster, Marit van Buijsen (*The Netherlands*)
- P80 Prevalence and clinical associations of visual midline shift in post-stroke individuals: preliminary findings
Amritha Stalin^{1,2}, Ran Ding², Susan Leat^{1,2}, Tammy Labreche^{1,2} (*¹Canada, ²Hong Kong*)
- P81 Pulfrich effect: diagnostics challenges in visual perception and rehabilitation
Jan Koopman (*The Netherlands*)
- P82 Reading performance and eye movements in people with low vision due to bilateral age-related macular degeneration
Polona Zaletel Benda¹, Grega Jakus¹, Jaka Sodnik¹, Nadica Miljkovic^{1,2}, Ilija Tanaskovic², Smilja Stokanovic², Natasa Vidovic Valentincic¹, Polona Jaki Mekjavic¹ (*¹Slovenia, ²Serbia*)



POSTER SESSION 2A-2B - WEDNESDAY 10 SEPTEMBER 2025

- P83 Retinal structural changes in infants with hypoxic - Ischemic encephalopathy undergoing therapeutic hypothermia and association with neonatal brain MRI
Lorenzo Orazi, Giulia Amorelli, Marta Galanti, Elisa Pede, Francesca Serrao, Francesca Gallini, Domenico Lepore, Filippo Amore, Daniela Ricci (*Italy*)
- P84 Revisiting perimetry: eye-tracking insights into oculomotor behavior in stroke patients with hemianopia or spatial neglect
Marina Shurupova, Alina Aizenshtein, Salima Eneeva, Galina Ivanova, Alexander Latanov (*Russian Federation*)
- P85 Validation of the Smith Functional Independence Measure in people with low vision in Chile
Joaquín Varas Reyes, Patricio Bustamante Veas, Annett Castro Barriga, Fabian Ureta Herrera (*Chile*)
- P86 Visual acuity thresholds for human face identity recognition
Nathan Hupin¹, Coralie Hemptinne¹, Philippe Lefèvre¹, Bruno Rossion^{1,2}, Demet Yuksel¹ (*¹Belgium, ²France*)
- P87 Visual perceptual skills in patients with Usher syndrome
Esra Sahli, Ozlem Bicer (*Turkey*)
- P88 Mutations in RP1 and BEST1 in a patient with retinitis pigmentosa
Rafael Fontanilla, Manuel Benjamin Ibañez, Katherine Marik Ferrer (*Philippines*)
- P89 Accessible designs for adapting mobility devices
Ting-Hsuan Lu, Pin-Hsuan Chen, Pei-Chan Teng, Ting-Yu Liu, Ching-Ying Cheng (*Taiwan*)
- P90 Between self-determination and new dependencies - Experiences of adults with acquired deafblindness in Germany regarding their access to and use of technology
Carolin Gravel¹, Markus Dederich¹, Karolin Schäfer¹, Walter Wittich² (*¹Germany, ²Canada*)
- P91 Challenges associated with the use of low-vision assistive devices among low vision patients in Ghana
Kwame Osei, Princella Danquah, Sylvester Kyeremeh, Jeremiah Badu Shayar (*Ghana*)
- P92 Chromatic aberration reductive lenses (CARL): definitive results of the clinical trial involving 10 patients with albinism
Caterina Tramontana, Alice Mentana, Giulia Gerosa, Angelo Tramontana, Alessandro Aduc, Giorgio Baiocco, Andrea Cristiano Piantanida (*Italy*)
- P93 Comparing reading speeds between a head-mounted video display system and spectacle-based optical magnification
David Simpson, Kara Hanson, Jennifer Patnaik, Melissa Engle (*USA*)
- P94 Enhancing educational access: evaluating multimodal tactile graphics technology for blind students
Jesse Wienholts (*The Netherlands*)
- P95 Evaluation and comparison of the efficacy of optical low-vision devices (LVDs) and virtual reality (VR)-based head-mounted devices (HMDs) in enhancing visual acuity and addressing visual requirements among individuals with low vision
Sneha Aggarwal, Radhika Tandon Tandon, Suraj Singh Senjam (*India*)
- P96 Eye drop guide
Yin Mei Tin, Priscilla Lim (*Singapore*)
- P97 Hands-free vibrotactile communication for the visually impaired: optimizing presentation methods and pattern length
Nashmin Yehaneh, Ivan Makarov, Mohammadmahdi Karimi, Árni Kristjánsson, Runar Unnthorsson (*Iceland*)
- P98 Impact of colored medical filters on visually impaired children. "Among visually impaired children, does the use of colored medical filters improve visual acuity and contrast sensitivity (compared to their initial condition)?"
Jerome Brohez (*Belgium*)



POSTER SESSION 2A-2B - WEDNESDAY 10 SEPTEMBER 2025

- P99 Influencing factors on abandonment of visual aids in visually impaired adolescents
Bingbing Li, Yang Yu, Binling Su, Jianmin Hu (*China*)
- P100 Low vision solutions in a digital age
Zhen Kiat Tan, Lisa Ong (*Singapore*)
- P101 Optical aids to facilitate reading in patients with degenerative eye diseases
Daniele Ferrari, Lara Radici, Paola Cassottana, Luca di cello, Michele Iester, Carlo Alberto Cutolo (*Genoa*)
- P102 Supporting aid of goggles by order made - mutual cooperating system in two Amblyopia
Tsutomu Tanzawa, Yusuke Sato, Masaharu Sasaki (*Japan*)
- P103 Usefulness of IrisVision head-mounted video display system for teens and young adults with congenital or early onset low vision
Kara Hanson, David Simpson, Jennifer Patnaik, Melissa Engle (*USA*)
- P104 Visionary remote rehabilitation app for low vision children
Ayşe Turan, Sara Erol, Tolga Erol (*Turkey*)
- P105 Atypical ophthalmological manifestations in a patient with MELAS syndrome and m.3243 A>G mutation
Ariadna Garreta-Rafecas (*Spain*)
- P106 Clinical, ophthalmologic, and genetic characteristics of patients with Bardet-Biedl syndrome
Zisan Onaran Uner, Ozlem Bicer, Yasemin Subası, Esra Sahli (*Turkey*)
- P107 Combined approach to the treatment of patients with IOL dislocation and secondary glaucoma
Tatiana Sokolovskaya, Khadija Magomedova, Natalia Kislitsina, Sultanova Dinara (*Russian Federation*)
- P108 Longstanding retinitis pigmentosa - a case report
Agnes Choi, Mark Feltham, Mei Ying Boon (*Australia*)
- P109 Minimally invasive laser-surgical treatment of primary open-angle glaucoma and complicated cataract
Tatiana Sokolovskaya, Grigoriy Sorokoletov, Krasnova Ekaterina (*Russian Federation*)
- P110 Regulating autophagy and mitophagy for retinal ganglion cell survival in glaucoma: the role of TBK1 inhibitors and nicotinamide
Hae-Young Lopilly Park, Jie Hyun Kim, Hee Jong Shin (*South Korea*)
- P111 The role of micro-pulsed magnetic field therapy (CEMP) in the management of reactivating myopic CNV despite treatment with an injection of anti-VEGF
Joseph Sajish Pinackatt, Manuela Brucculeri (*Italy*)
- P112 Visual processing following late treatment of bilateral congenital cataracts
Noah Rapoport, Maria Lev, Uri Polat, Ehud Zohary (*Israel*)
- P113 Prevention and early diagnosis of visual dysfunctions
Chiara Mastantuono, Luca Labianca, Carlo Brogioni, Irene Di Sanzo, Benedetta Bellagamba, Mirco Fava (*Italy*)
- P114 Prevention on the road
Giulia Torboli (*Italy*)
- P115 A novel independent living skills program: an interprofessional collaboration between optometry and nursing
Serena Sukhija (*USA*)



POSTER SESSION 2A-2B - WEDNESDAY 10 SEPTEMBER 2025

- P116 Comparing patient and optometrist judgments of visual abilities associated with 20/40 and 20/200 acuity - Preliminary results
Yueh-Hsun Wu, Joseph Showalter, Deyue Yu, Gordon Legge (USA)
- P117 Effects of progressive additional lenses design on visual quality in adult with presbyopia
Shih-Hao Tseng, Fang-Chun Lu, Po-Yu Chen, Yi-Han Peng, Ching-Ying Cheng (Taiwan)
- P118 Functioning and disability in children and adolescents with visual impairment: inputs from the SeeMyLife Project
Alice Colombo¹, Francesca Incagli¹, Martina Lanza¹, Maria Eleonora Reffo¹, Agnese Suppiej¹, Francesco Parmeggiani¹, H el ene Dollfus², Erika Guastafierro¹, Matilde Leonardi¹ (Italy, ²France)
- P119 Improving quality of life in young adults with visual impairments who refuse low vision aids due to psychosocial factors
Carmen Perez (USA)
- P120 Patient reported quality of life by glaucoma severity using the glaucoma computerized adaptive test, GlauCAT
Aleksandra Mihailovic, Hoang-Viet Tran, Delcora Huggins, Istabraq Musa, Shriya Jain, Pradeep Ramulu, Eva Harper, Ecosse Lamoureux, Mona Kaleem (Singapore)
- P121 Quality of life of patients with open globe ocular trauma
Asma Khallouli, Kallel Zeineb, Belguith Mariem, Nourhene Aidi, Afef Maalej (Tunisia)
- P122 Refractive error and vision related quality of life for school aged children in Zimbabwe
Deborah Tigere¹, Jonathan Jackson², Edson Munsaka¹ (Zimbabwe, ²Ireland)
- P123 The impact of a community-based multidisciplinary low vision rehabilitation clinic on the quality of life of patients with visual impairment
Xiu Ling Tan (Singapore)
- P124 The interconnection of social and health systems
Chiara Mastantuono, Luca Labianca, Benedetta Bellagamba, Luigina Petrucci, Irene Di Sanzo, Mirco Fava (Italy)
- P125 The sexual development and sexual orientation of people with vision impairments
Sabina Kef (The Netherlands)



POSTER SESSION 3A-3B - THURSDAY 11 SEPTEMBER 2025

- P126 A follow-up study on effects of O&M training for visually impaired male adults with the traditional Greek cane (klitsa) as a support and identification cane
Olga Goulia, Maria Tsanousa, Eytyhia Kapatou, Despoina Tzira, Alexandra Grigoriou, Georgios Stergiopoulos, Achilleas Rasoglou (Greece)
- P127 Bridging the gap: addressing inadequate training in cerebral visual impairment for orientation and mobility specialists
Mindy Koehne, Kelly Lusk, Karin Geraci, Terry Schwartz (USA)
- P128 Comparison of the standard and roving binocular Esterman visual field test
Alex Black, Joanne Wood (Australia)
- P129 Compensatory skills are key to mobility
Jolanda Kremer, Paulien Zuidervaart (The Netherlands)
- P130 Fall risk assessment in visually impaired: a scoping review of questionnaire based tools
Sunkanmi Arogbokun, Sandra Owusu, Lauren Wheeler, Elizabeth Barstow (USA)
- P131 Implementation of a limited indoor mobility skills education course for physical therapists
Joshua Robinson, Katelyn Jordan (USA)
- P132 Practical conversations about driving
Linda Pang (USA)
- P133 Questionnaires regarding visual impairment and working/commuting
Junko Kamo, Naohiko Tanabe, Kenji Kashiwagi, Takeshi Sugahara (Japan)
- P134 Spatial localization with vision and hearing impairment: discrepancies between perceived difficulty and actual performance in everyday tasks
Prachi Agrawal¹, Nitin Rao², Anas Obaideen², Andre DeGrenier³, Chris Bradley¹, Joseph Nemargut², Yingzi Xiong¹ (USA, ²Canada)
- P135 Visual impairment severity and autonomous vehicle accessibility
Jing Xu, Kayla Shaw (USA)
- P136 A re-audit of referrals to the Ulster University low vision service in Northern Ireland
Moyra McClure, Aoife Hunter (United Kingdom)
- P137 Advanced study program (CAS) in interprofessional education for individuals with low vision
Kirsten Wahren-Krueger¹, Laemers Frank² (USA, ²Germany)
- P138 Bringing light to lives: Baseera's Mission for Vision in Egypt
Mohammed Ammar (Egypt)
- P139 Development of a paediatric low vision team within the children's disability network framework in Ireland
Audrey Farrelly (Ireland)
- P140 Exploration of factors influencing the participation of primary eye care clinicians in low vision services
Gemma Gould, Simon Read, Chris Dickinson, Robert Harper (United Kingdom)
- P141 Human resource and infrastructural development of low vision services in Nigeria
Adedayo Adio (Nigeria)
- P142 Inclusive design: innovative architectural solutions for barrier-free learning with an without visual impairment
Simone Zaiser, Frederike Isenberg (Germany)
- P143 Living your best, bold, blind and visually impaired life: how a podcast is making a difference and changing lives
Stephanie Jones, Brian Anderson, Kelly Lusk (USA)



POSTER SESSION 3A-3B - THURSDAY 11 SEPTEMBER 2025

- P144 Management of patients with low vision within an ophthalmology department of a high complexity general hospital integrated into a health network in Buenos Aires, Argentina
Betty Arteaga, Celia Sanchez, Natalia Mascheroni (Argentina)
- P145 One-stop low vision resource portal
Yin Mei Tin, Raphael Lim, Priscilla Lim, Ai Tee Aw, Poh Geok Pang (Singapore)
- P146 Reaching further, integrating vision rehabilitation into the national eye care strategy in Canada
Jennifer Urosevic (Canada)
- P147 The facilitator's toolkit: raising awareness about visual impairment
Polona Car Djuric (Slovenia)
- P148 Working on inclusion: reflection on a collaborative project between ChildVision and the Technological University Dublin (TU Dublin) School of Physics, Clinical & Optometric Sciences
Geraldine Neill, Joan Ryan (Ireland)
- P149 Evaluation of iStent inject trabecular micro-bypass stent implantation with phacoemulsification in cases of mild-moderate primary open angle glaucoma (POAG)
Alhumam Alkhusheh, Mohamed AbdelHady (United Kingdom)
- P150 Microsecond cyclophotocoagulation in glaucoma in eyes with good vision
Natalia Palarie (Moldova)
- P151 The changing landscape for geographic atrophy from AMD -new treatments
Janet Sunness (USA)
- P152 Trans-scleral iontophoresis for non-invasive ocular delivery of lutein as a prevention strategy in patients with age-related macular degeneration
Anna Caricato, Paolo Mazzei, Paola Menduno, Mariarosaria Giugliano, Carlo Cagini (Italy)
- P153 A survey on prescribing trends of anti-glaucoma medications for primary open angle glaucoma management in India
Swapna Satyanandan, Sandhya Das (India)
- P154 Application of a mobility test to assess visual function in the first gene therapy for retinal dystrophies at the Donostia University Hospital
Eider Gutierrez Zubizarreta, Alazne Gainza, Cristina Irogoyen Laborra (Spain)
- P155 Barriers to glaucoma medication adherence in the UK and India: a qualitative study
Deborah Bott, Ahalya Subramanian, David Edgar, John Lawrenson, Peter Campbell (United Kingdom)
- P156 Bridging the gap in medical contact lens and low vision rehabilitation education in Kenya: a hybrid approach
Sherry Day (USA)
- P157 Children's everyday life when a parent has deafblindness - from the perspective of the children and their parents
Agneta Anderzen Carlsson^{1,2}, Karina Huus¹, Maria Björk¹, Ann-Sofie Sundqvist¹, Camilla Warnicke¹, Moa Wahlqvist¹ (¹Sweden, ²Norway)
- P158 Consensus on the first version of the World Health Organization (WHO) International Classification of Functioning, Disability and Health (ICF) Comprehensive Core Set for deafblindness
Walter Wittich¹, Shirley Dumassais¹, Atul Jaiswal¹, Tosin Ogedengbe¹, Ricard Lopez², Sarah Granberg³ (¹Canada, ²Spain, ³Sweden)
- P159 Cytotoxicity comparison of marketed preserved versus preservative-free brimonidine/timolol (BTFC)
Swapna Satyanandan, Sandhya Das (India)
- P160 Development and utility of a real-time recordable and shareable low vision simulator app
Yasushi Nakano (Japan)



POSTER SESSION 3A-3B - THURSDAY 11 SEPTEMBER 2025

- P161 Development of new tactile educational materials for art education for the visually impaired
Hiroshi Katoh, Mitsunobu Matsuo, Toshihiro Kanahori (*Japan*)
- P162 Development of professional competences in the field of deafblindness at the Nikolauspfllege Stuttgart (Germany)
Maren Marx, Tanja Renz (*Germany*)
- P163 Dry eye disease and digital eye strain: a survey-based study on practice patterns and lubricant selection
Roseline Patel, Sandhya Das (*India*)
- P164 Dynamic neuropathophysiological changes in Charles Bonnet syndrome
Jasleen Jolly^{1,2}, **Natalie Assaf**¹, **Bethany Higgins**¹, **Jane Aspell**¹, **Elizabeth Michael**¹ (¹United Kingdom, ²Australia)
- P165 Evaluation of an adaptive sport & recreation program for USA injured military personnel who are living with a vision impairment: impact on healthy lifestyle behaviors
Molly Whitney, Laurie Malone, Alexandra McBrayer, Sarah Lowell, Laura Griggs, Laura Dreer (*USA*)
- P166 Expressive and receptive communication strategies when conducting remote research with individuals living with deafblindness
Norman Robert Boie¹, **Leda Kamenopoulou**², **Peter Simcock**², **Meredith Prain**³, **Shirley Dumassais**¹, **Walter Wittich**¹ (¹Canada, ²United Kingdom, ³Australia)
- P167 Global north-south representation in action: The ICF Core Sets for Deafblindness as a model for international collaborative research
Shirley Dumassais¹, **Tosin Ogedengbe**¹, **Xin Yi Li**¹, **Maya Saini**¹, **Sarah Granberg**², **Walter Wittich**¹ (¹Canada, ²Sweden)
- P168 Measuring functional independence, depression and cognition in adults with deafblindness: feasibility and score analysis
Shirley Dumassais¹, **Hamidreza Aminparvin**¹, **Atul Jaiswal**¹, **Tosin Ogedengbe**¹, **Meredith Prain**², **Ricard Lopez**³, **Walter Wittich**¹ (¹Canada, ²Australia, ³Spain)
- P169 Multisensory architecture for enhanced urban inclusivity
Rolf Lund (*Norway*)
- P170 Ocular manifestations of rheumatoid arthritis
Ekaterina Bryantseva (*Russian Federation*)
- P171 ORVIS: a repertoire of measures available in French that are relevant to visual impairment
Norman Robert Boie, Sylvie Cantin, Walter Wittich (*Canada*)
- P172 Problem-based learning in medical education for students with visual impairments: information and communication technology utilization and the role of oral discussion
Momoko Kayano, Satoshi Ayuzawa, Erika Matsuda, Hinata Sakuraba, Sachie Suoh (*Japan*)
- P173 Skills, thoughts, activities, responsibilities: creating and evaluating the STAR Kit employability home program for children with blindness or low vision
Natalie Kaine, Anne Honey, Chris Chapparo, Julianne Challita (*Australia*)
- P174 Temperature as a circadian timing cue individually impaired
Danny Ball (*United Kingdom*)
- P175 The impact of sighted guide activity on perceptions of low vision and attitudes to disability
Ashley Deemer, Rachele Lin, Patrick Yoshinaga, Wayne Heidle (*USA*)
- P176 Using the ICF check-list in the functional assessment of individuals living with deafblindness
Walter Wittich¹, **Tosin Ogedengbe**¹, **Atul Jaiswal**¹, **Shirley Dumassais**¹, **Ricard Lopez**², **Meredith Prain**³ (¹Canada, ²Spain, ³Australia)



POSTER SESSION 3A-3B - THURSDAY 11 SEPTEMBER 2025

- P177 "This sense of not feeling whole": a qualitative analysis of mental wellbeing in adults with inherited macular disease
Rachael Canavan, Marc Tibber, Tessa Dekker, Michael Crossland (*United Kingdom*)
- P178 Beyond low vision optics to psychosocial success
Bennett McAllister (*USA*)
- P179 Comparison and analysis of visual function under different luminance conditions in adults with anxiety symptoms
Wen-Ling Chang, Pei-Chan Teng, Yi-Wen Tseng, Fu-Chun Chang, Ching-Ying Cheng (*Taiwan*)
- P180 Enhancing participation of one-year-old children with visual impairment and additional disabilities through bodily-tactile early intervention
Sini Peltokorpi¹, Saara Salo¹, Anne Nafstad², Paul Hart³, Minna Laakso¹ (*¹Finland, ²Norway, ³United Kingdom*)
- P181 Exploring the impact of visual function, depression, and anxiety on socioemotional well-being in low vision patients
Micaela Gobeille, Phillippa Dorling, Melissa Ngo, Bianca Guzman, Sonaina Merchant, Alexis Malkin, Nicole Ross (*USA*)
- P182 Exploring the integration of mental health services and vision rehabilitation service delivery
Ashley Shaw, Claire Sira (*Canada*)
- P183 Intensity order illusion in developing sensory substitution devices
Ivan Makarov, Nashmin Yehaneh, Hafliði Ásgeirsson, Runar Unnthorsson, Árni Kristjánsson (*Iceland*)
- P184 Living with Usher syndrome: a phenomenology study
Danial Bohan, Xuanyu Chen, Inez Hung, Yan Hong Chow, Siew Seang Ong (*Singapore*)
- P185 Perceptual learning of a crowding task: transfer between different eccentricities in the visual field
Tina Plank, Elena von Perponcher, Daniel Kett, Mark Greenlee (*Germany*)
- P186 Personal wayfinding preferences regarding cue use and strategy choice in people with visual impairments
Dominique Blokland, Nathan Van der Stoep, Maartje Van Loef, Albert Postma, Krista Overvliet (*The Netherlands*)
- P187 The effect of group rehabilitation on coping mechanisms and mood in low vision individuals
Ursa Muznik, Eva Skrlec Velkavrh, Neza Mastnak (*Slovenia*)
- P188 The effects of both free and fixed viewing distance on reading performance in participants with simulated low-vision
Kazuhito Ujima, Mai Imazu, Nobuyuki Nagai (*Japan*)
- P189 The impact of visual impairment on youth career choices
Aline Leavy, Lucien Panchaud (*Switzerland*)
- P190 Clinical assessment of reading speed
Keziah Latham, Hikmat Subhi (*United Kingdom*)
- P191 Reading efficiency, binocular vision, and visual perception
Pin-Hsuan Chen, Hsin-Yun Huang, Wen-Ling Chang, Ting-Yu Liu, Ching-Ying Cheng (*Taiwan*)
- P192 Reading speed and lexical ability of children: Implications for assessing reading performance in children with low vision
Nobuyuki Nagai, Kazuhito Ujima, Mai Imazu, Hironaka Kumagai (*Japan*)
- P193 Sheet music for low vision - a simulation study
Natsuki Toguchi, Momoka Nakagawa, Kuranishi Kiara, Koichi Oda (*Japan*)
- P194 Sportswear for low vision - a simulation study
Misaki Sato, Yurina Baba, Ayuko Zama, Koichi Oda (*Japan*)
- P195 The effects of low vision on reading performance in Arabic
Balsam Alabdulkader, Alhanouf Alghannam (*Saudi Arabia*)



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