

Interactive Vision Rehabilitation

Clinical Case Presentations

Chair: Mary Lou Jackson MD, FRCS

Co-chair: Cornelis A. Verezen, PhD, FAAO, FEAOO



Mary Lou Jackson is an ophthalmologist and Director of Vision Rehabilitation at the University of British Columbia Department of Ophthalmology in Vancouver, BC, Canada. She was previously Director of Vision Rehabilitation at the Massachusetts Eye and Ear Infirmary in the Harvard Department of Ophthalmology in Boston, MA USA and is a past Chair of the American Academy of Ophthalmology Vision Rehabilitation Committee. Her research interests include Charles Bonnet syndrome, macular perimetry and outcomes of comprehensive vision rehabilitation. She has participated in the WHO Priority Assistive Products List development and the WHO International Consensus Conference on Standards for Vision Rehabilitation. She is currently the Secretary for International Society for Low Vision Research and Rehabilitation.

Anton Verezen, optometrist, was educated at the Christiaan Huygens School of Optics Rotterdam and received his optometry degree at the University of Applied Science, Utrecht. He received his PhD in medical sciences at the University of Nijmegen on a LVA related thesis. He became a Fellow of the AAO in San Antonio Texas 1997 and became Fellow of the European Academy of Optometry & Optics, Prague 2011. Anton is immediate past president of the Dutch Optometric Association and the first optometrist that became member of the Dutch Ophthalmological Association. He is a committee member of Vision2020 The Netherlands. Besides clinical practice he is involved in research projects and published papers on visual rehabilitation. His special field of interest is on eccentric viewing behaviour in AMD patients.

Symposium outline

During this symposium we will present common clinical scenarios to a panel of experienced vision rehabilitation clinicians who will discuss how they would manage each of the cases in their setting. We will encourage discussion and collegial debate. We will consider a variety of clinical cases including macular degeneration, retinitis pigmentosa and vision loss from neurological disease. Visual function evaluations including acuity, contrast sensitivity and visual field including microperimetry (macular perimetry) will be discussed. Approaches to

reading rehabilitation will be discussed. There is emerging research about how visual function directs optimal device selection and effective training interventions, but variation in reading rehabilitation practices exists across settings. Our aim is to highlight best practices, strategies to 'do more with less' when resources and supports are limited, clinical efficiencies, and contrasting patterns of practice that may be future targets for comparative trials.

Panel Participants:

Michael Crossland, PhD MCOptom DipRVI,
Optometrist

Michael Crossland is a specialist optometrist in low vision at Moorfields Eye Hospital and an honorary research associate at UCL Institute of Ophthalmology. His major clinical interest is low vision rehabilitation, particularly in children and young adults. Michael's PhD was awarded by the University of London in 2004 for work on the development of the preferred retinal locus in macular disease, supervised by Gary Rubin and Louise Culham. He has published over 30 papers in peer-reviewed journals, has been guest editor for Ophthalmic and Physiological Optics, and has given invited talks in Europe, Australia and North America. He is a Member of the College of Optometrists and a committee member of the International Society for Low Vision Research and Rehabilitation. He lives in London.

Lylas Mogk, MD
Ophthalmologist

Lylas G. Mogk, is director of the Henry Ford Health System Center for Vision Rehabilitation and Research, which includes a team of ophthalmologist, optometrist, biomedical technician and seven occupational therapists specializing in vision rehabilitation. She also chairs of the Advisory Commission for the Michigan Bureau of Services for Blind Persons and is past chair of the American Academy of Ophthalmology Vision Rehabilitation Committee and is co-author with her daughter of the book for patients and families, in English and Japanese, Macular Degeneration: The Complete Guide to Saving and Maximizing Your Sight (NY, Random House Ballantine Books).

Deepak Kumar Bagga, MBA, D.R.Opt

Optometrist

Deepak Kumar Bagga did his diploma in refraction and optometry from U P State Medical Faculty, Lucknow in 1998. This was followed by a two years fellowship in optometry from L V Prasad Eye Institute (LVPEI), Hyderabad. He is currently pursuing his PhD part-time from the School of Optometry and Vision Science, University of New South Wales, Sydney, Australia. Since 2007 he has been associated with LVPEI Hyderabad as a Consultant Optometrist. His clinical area of interest is - management of patients with low vision. He has provided low vision services to more than 15000 clients across all age groups with different ophthalmic conditions. His research interests lie in measuring the impact of low vision on an individual's participation and quality of life, and various contextual factors that may affect participation. He has presented results of his research work in various national and international conferences and has published 12 papers in peer-reviewed journals. He received Amjad Rahi Prize for best poster presentation in clinical sciences category, in Indian Eye Research Group meeting – ARVO India Chapter (2014).

Filippo M. Amore MD, PhD

Ophthalmologist

Filippo Amore is an ophthalmologist, Chief Medical Officer of the National Centre of Services and Research for the Prevention of Blindness and Rehabilitation of the Visually Impaired, founded in Rome, by the International Agency for Prevention of Blindness - IAPB Italy. The Centre has been designated as WHO-Collaborating Centre since 2013. He has been involved on the organization and coordination of the WHO International Consensus Conference on Standards for Vision Rehabilitation. His primary research interests are: vision rehabilitation and multidisciplinary approach, implementation of new technologies in the area of low vision and evaluation of vision rehabilitation outcomes. During these years, he has participated in many national and international events related to visual rehabilitation both as attendee and as speaker.