



8TH INTERNATIONAL CONGRESS OF BEHAVIOURAL OPTOMETRY

Speaker: Aditya Goyal
Credentials: President, ASCO
Time/Date Scheduled: 1330 – 1530 on Friday, 27 April
Location: Plenary
Biography: Aditya Goyal is a graduate of B.Optom (ESO, Sankara Nethralaya, Chennai) MS (PCO, Salus University, USA) FCOVD I (COVD, USA) and is currently affiliated in Sankara College of Optometry as Principal, Bangalore Head and mentor, Sankara Eye Foundation President, ASCO, India Director, Vision Aid. Her areas of interest are Vision therapy and training Neuro Vision Behavioral and Developmental Optometry Low Vision

Presentation Title: **Eye Movements in Children with Autism Spectrum Disorder**

Abstract: Background:
Children suffering from autism spectrum disorder have problems with eye contact and have eye movement disorders. On examination, they are found to have poor fixation and tracking skills.
Eye movements can only be seen qualitatively in ASD as the current validated procedures require verbalization, cognition and comprehension on the part of the subject. This is done in the form of reading out the numerals/alphabets subjectively. As most subjects in ASD category are unable to communicate and comprehend, these procedures are of very little value to quantify the accuracy. An objective, non-verbal procedure was designed to objectively evaluate the ocular movements, then, the ocular movements in ASD was evaluated and finally therapy was provided to see if the movements improved.