



Jointly Organized by
ASCO & Susrut Eye Foundation & Research Centre.

January 11 to 13, 2018
(Thursday to Saturday)

9.30 a.m. to 5.30 p.m.

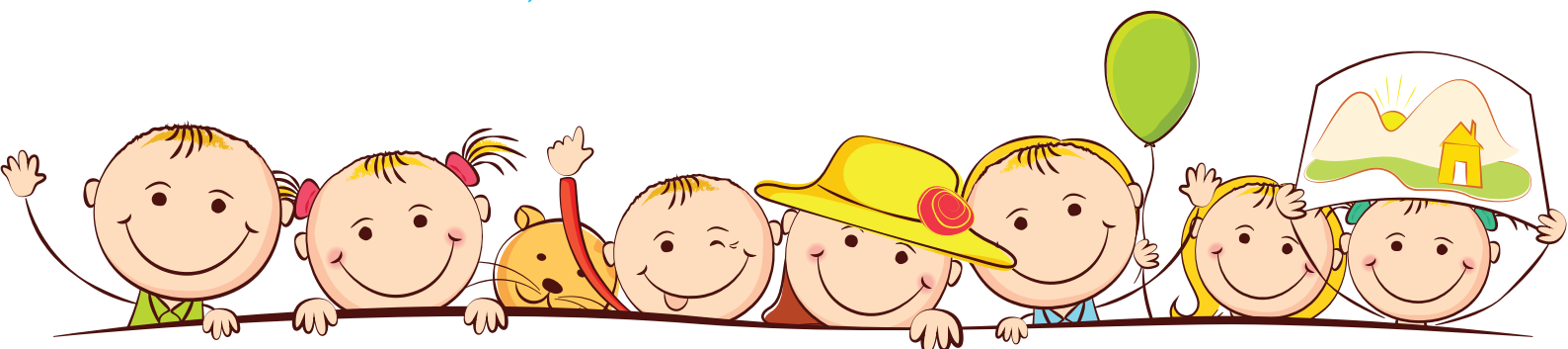
Venue

Susrut Eye Foundation & Research Centre,
HB-36/A/1, Sector-III, Salt Lake City,
Kolkata-700106

Interns and 3rd year students

Deadline to register: Monday, 1 January, 2018

Fees: Rs. 5,500/-



Association of schools and colleges of optometry - India (ASCO - India) is an organization devoted to Indian optometric education and standards. We provide competency standards and curriculum for bachelor's and master's optometry programs.

Resource Person



Ramya Lakshmikanth graduated from Elite School of Optometry in 1994 and has nearly twenty years of clinical experience. She later pursued her Masters Program from Sankara College of Optometry in Pammal and is currently a visiting faculty there, besides practicing vision therapy.

Program Overview

Day 1

Session 1 (1 hr) • Embryology • Development of the eye • Ocular Biometry – Comparison with an adult eye • Development of organization of the Visual pathway (retina, ON, optic chiasm – LGN – v1v2v3)

Session 2 (2 hrs) • Examination plan under 3 categories: • Infants and toddlers (birth to 2 years, 11 months) • Preschool children (3 years to 5 years, 11 months) • School age children (6 years to 18 years) • History • Visual acuity – special test charts • Binocular examination & ocular mobility • Pupil examination • Confrontation • Refraction – expected refractive power under each category • Anterior segment examination • Posterior segment examination • Cycloplegic refraction

Session 3 (1 hr) • Role play – Handling of infants and toddlers • Hands on • Some videos on eye examinations of paediatrics

Session 4 – NSBVD (1 hr) • Definition • Introduction to the terminologies in NSBVD • Epidemiology • Signs & symptoms • Evidence based practise in management of NSBVD

Session 5 (1.5 hrs) • Types • Clinically tests for NSBVD • Diagnosis • Management • Vision therapy • Lenses • Prisms • Follow up

Day 2

Session 6 (1.5 hrs) • Hands on NSBVD

Session 7 (1 hr) • Amblyopia and Management 2 • Risk factor • Clinical examination • Diagnostic tests • Differential diagnosis • Treatment options

Session 8 (2 hrs) • Hands on • Clinical examination – focus on visual acuity & Refraction.

Session 9 (2 hrs) • Squint • Definition and classification • Aetiology and risk factors • Clinical examination • Diagnosis tests • Differential diagnosis • Treatment options

Session 10 (1 hr) • Clinical examination – of Strabismus

Day 3

Session 11 (2 hr) • Screening and diagnosis of complicated cases • Clinical presentation, signs, differential diagnosis, diagnostic tests and referral for: - Retinopathy of prematurity - Congenital cataract - Cerebral palsy, albinism, autism and developmental disabilities

Session 12 (1.5 hr) • Scientific session on current scientific advancement in Pediatric optometry

Session 13 (1.5 hr) • Scientific session to encourage Evidence Based Practice for management of NSBVD

Session 14 (1.5 hr) • Scientific session to encourage Evidence Based Practice for amblyopia treatment

Session 15 (1 hr) • Participant's reflection and feedback to enhance and improve ASCO's CME program.

All scientific sessions will be Active Cooperative Learning (ACL)

- Designed for group discussions - To promote peer interaction • Role play with clinical vignettes - To improve decision making skills
- Group presentations - To improve and enhance communication skills • Provide opportunities to assimilate content knowledge and clinical skills gained during the CME program

*Every session will include a ten minutes discussion Reference: Clinical optics and refraction (Andrew Keith, Caroline Christie), Clinical Management of Binocular Vision – Mitchell Schieman, Bruce Wick, Pediatric practise – Gregg T Lueder / Kenneth W Wright.

Facilitate. Educate. Upgrade.

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