

Concise Curriculum Vitae

(Updated 23/05/08)

Mihir Kothari



Career Objective:

To provide state of the art Pediatric Eye Care and Pediatric Low Vision Care integrated with unremitting community service, teaching and research.

Qualifications and academic record:

MBBS, MS, DNB, FPOS, Diploma in Pediatric Ophthalmology and Strabismus.

1. 1992 to 1997: **MBBS** Mahatma Gandhi Institute of Medical Sciences, Sewagram.
2. 1997 to 1998: Internship: Nair Hospital, Mumbai Central, Mumbai.
3. 1998 to 2001: **MS** (Master of Surgery, Ophthalmology): Schell Eye Hospital, **Christian Medical College and Hospital, Vellore.**
4. 2002: **DNB** (Diplomate Of National Board Of Examination, Ophthalmology).
5. 2001 to 2003: Fellowship in Pediatric Ophthalmology & Strabismus, (**FPOS**) Aravind Eye Hospital, Madurai.
6. 2004: ICO (International Council of Ophthalmology) part 1 (Basic sciences in Ophthalmology including Refraction and Optics)
7. 2004: **IFOS/ICO Diploma in Pediatric Ophthalmology and Strabismus** at Wilmer Eye Institute, **Johns Hopkins University School of Medicine**, Baltimore, MD, USA.

Fellowship Training:

1. **Fellowship in Pediatric Ophthalmology and strabismus**, Aravind Eye Hospital, Madurai (August, 2001 – March, 2003)

2. **IFOS/ICO Diploma in Pediatric Ophthalmology and Strabismus**, Wilmer Eye Institute, Johns Hopkins University School of Medicine, Baltimore, Maryland , USA (October – December, 2004)

Teaching Experience:

1. Teaching to 2nd year and Final year MBBS students, Final year BPT (Physiotherapy) and Occupational therapy students, B.Sc. (Bachelor of Science) Nursing students, Optometrist and junior PG (post graduate) residents at Christian Medical College, Vellore.
2. Teaching the DNB residents at Bombay City Eye Institute and Research Center, Mumbai, India
3. Instruction Course ‘Frontiers in Pediatric Cataract Management’ for the Ophthalmologists at All India Ophthalmological Society, Bhuvneshwar, 2005.
4. Chief instructor for the Instruction Course ‘ Road to Orthophoria’. Conference of Bombay Ophthalmic Association and Maharashtra Ophthalmic Society, 2005.
5. Visiting faculty. Aditya Jyot School of Optometry, Mumbai, India

Research Activities:

Publications

1. The Kariapatti pediatric eye evaluation project: baseline ophthalmic data of children aged 15 years or younger in Southern India. **Am J Ophthalmol. 2003 Oct;136(4):703-9.**
2. The incidence of vitreous loss and visual outcome in patients undergoing cataract surgery in a teaching hospital. **Indian J Ophthalmol. 2003 Mar;51(1):45-52.**
3. he Kariapatti pediatric eye evaluation project: baseline ophthalmic data of children aged 15 years or younger in Southern India. **J Comm Eye Health 2003;16(48): 62.**

4. Intracameral amphotericin B injection in the management of deep keratomycosis. **Cornea. 2002 Oct;21(7):653-6.**
5. Can Bruckner test be used as a Rapid Screening Test for the detection of amblyogenic factors in developing countries?. **Am Orthopt J. 2003**
6. Pediatric ophthalmology and strabismus in India. **J AAPOS. 2004 Feb;8(1):18-9.**
7. Can ocular torsion be measured using the slitlamp biomicroscope? **Indian J Ophthalmol. 2005 Mar;53(1):43-7.**
8. Recurrence of bilateral herpes simplex virus keratitis following bimatoprost use. **Indian J Ophthalmol. 2006 Mar;54(1):47-8.**
9. Giant corneal implantation cyst after the filtering surgery. **Indian J Ophthalmol. 2006 Jun;54(2):117.**
10. Clinical characteristics of spontaneous late-onset comitant acute nonaccommodative esotropia in children **Indian J Ophthalmol. 2007 Mar-Apr;55(2):117-20.**
11. Can the Bruckner test be used as a rapid screening test to detect significant refractive errors in children? **Indian J Ophthalmol. 2007 May-Jun;55(3):213-5.**
12. Primary superior oblique muscle-levator muscle synkinesis. **J AAPOS. 2007 Apr;11(2):204-5.**
13. Precaruncular approach for the periosteal transfixation of the globe in congenital third nerve palsy. **J AAPOS. 2007 Apr;11(2):207-8.**
14. A report on 65th Annual conference of All India Ophthalmic Society. *Sunayana 2007 Expert Rev Ophthalmol 2(3). 341-342,2007.*
15. Kothari M, Asnani P, Kothari K. Anterior dislocation of a sulcus fixated posterior chamber intraocular lens in a high myope. **Indian J Ophthalmol. 2008 January-February;56(1):78-80.**
16. Kothari MT, Maiti A. Ophthalmic artery occlusion: a cause of unilateral visual loss following spine surgery. **Indian J Ophthalmol. 2007 Sep-Oct;55(5):401-2.**
17. Fornix incision, hangback suture technique for squint surgery. **Text book of Ophthalmology.** Edited by H V Nema
18. Clinical characteristics of spontaneous late-onset comitant acute nonaccommodative esotropia in children. Letter to the Editor. **Indian J Ophthalmol. 2007 Jul-Aug;55(3):319.**
19. Spontaneous late-onset comitant acute nonaccommodative esotropia in children. **Indian J Ophthalmol. 2008 Mar-Apr;56(2):168.**

Publications under Review:

1. Ultrarapid school screening with Bruckner Test (**Indian Journal of Ophthalmology**)
2. Reliability of binocular fixation preference in the diagnosis of strabismic amblyopia (**Indian Journal of Ophthalmology**)
3. Supranuclear paralysis of Near vision complex. (**J AAPOS**)
4. Negative Psychosocial Impact of Strabismus in Adults – 2 (**JAAPOS**)
5. Psychosocial and emotional consequences of childhood strabismus in Rural and Urban India. (**Indian Journal of Ophthalmology**)
- 6.

Ongoing Research:

1. Use of sprayer for the instillation of cycloplegic in children's eyes.
2. Comparison of distance stereopsis measurement using TNO test and inverted telescope system with the Nidek Projector Chart and polarizing filters.
3. Use of Computerised Vergence Software in the management of patients with Convergence Insufficiency.
4. Effect on image size in the spectacle corrected anisometropes.
5. Predictability of measurement of ocular deviation under general anesthesia in patients with horizontal comitant strabismus.
6. A randomized controlled trial of Midazolam and Chloral hydrate for Pediatric Eye Examination under sedation.
7. Comparison of Viewer's comprehension of surgical steps on a 2D and a 3D power point presentation.
8. Systemic manifestations of Alport's Syndrome presenting primarily at tertiary eye care centre.
9. Is Cycloplegic Refraction Necessary in Children with Compound Myopic Astigmatism?
10. Comparison of Lea Grating and Cardiff Acuity Cards for the assessment of vision in preverbal children.
11. Predicting a postoperative outcome by analyzing ocular deviation under general anesthesia during strabismus surgery.

Paper Presentations and Invited Faculty:

1. Ocular manifestations of Congenital Rubella Syndrome. TNOA, 2002; Triruchirapally
2. Long term visual outcome after primary intraocular lens implantation following Pediatric Penetrating Trauma. **BEST PAPER** in Trauma category. AIOS, 2002; New Delhi.
3. **Guest Faculty** at 21st Rajasthan Ophthalmic Society meet, Mt Abu. Perspectives in the management of Pediatric Uveitis. 2003.
4. Can Bruckner Test Be Used As A Rapid Screening Test In Detecting The Amblyogenic Factors In India? **BEST PAPER** at Maharashtra Ophthalmic Society meet, 2003, Jalna
5. **Guest faculty** at Bombay Ophthalmic associations meeting. Talk on Principles of horizontal squint surgery, Dec, 2003 at Mumbai, India
6. Can Bruckner Test Be Used As A Rapid Screening Test In Detecting The Amblyogenic Factors In India? AIOS, 2004, Varanasi, India
7. Ocular Torsion Measurement Using Slitlamp Biomicroscope. AIOS, 2004, Varanasi, India
8. **Guest faculty** at CME on Pediatric Ophthalmology and Strabismus at Aurangabad under the aegis of Maharashtra Ophthalmic Society. Talk on Intermittent Exotropia, July, 2004.
9. A Novel Technique of Assessing Distance Stereopsis Using TNO Test and Inverted Telescope System. Eyeadvances 2004 August, 2004, Grand Hyatt, Mumbai, India
10. Optical Coherence Tomography (OCT) of the Macula in children undergoing primary anterior vitrectomy (PAV) with cataract surgery for congenital cataract. Eyeadvances 2004 August, 2004, Grand Hyatt, Mumbai, India
11. A Novel Technique of Assessing Distance Stereopsis Using TNO Test and Inverted Telescope System. Biennial Conference of Strabismological Society of India, 2004, Poona.
12. Clinical Characteristics of Burian-Franceschetti Syndrome. Biennial Conference of Strabismological Society of India, 2004, Poona.
13. Ocular Torsion Measurement Using Slitlamp Biomicroscope. Biennial Conference of Strabismological Society of India, 2004, Poona.
14. Can Bruckner Test be Used for the screening of significant Refractive errors in Children? Conference of the All India Ophthalmological Society, Bhuvneshwar, India (Jan, 2005).

15. A Novel Technique of Assessing Distance Stereopsis Using TNO Test and Inverted Telescope System. **Dr. Prem Prakash Best Paper Award** at Conference of the All India Ophthalmological Society, Bhuvneshwar, India (Jan, 2005).
16. Is cycloplegic refraction necessary in children with mild to moderate compound myopic astigmatism? 1st International conference of Pediatric Ophthalmology and Strabismus by ORBIS international, H V Desai Hospital, Poona.
17. Can Bruckner test be used as an ultra low cost screening test for the rapid screening of refractive errors in children? Silver Jubilee Conference of Maharashtra Ophthalmic Society and Bombay Ophthalmic Association, Grand Hyatt, Mumbai, 4th-6th Nov, 2005.
18. Invited faculty: Probing in Congenital Nasolacrimal Duct Obstruction. Silver Jubilee Conference of Maharashtra Ophthalmic Society and Bombay Ophthalmic Association, Grand Hyatt, Mumbai, 4th-6th Nov, 2005.
19. Invited faculty to speak on the Management of Superior Oblique Paralysis. Silver Jubilee Conference of Maharashtra Ophthalmic Society and Bombay Ophthalmic Association, Grand Hyatt, Mumbai, 4th-6th Nov, 2005.
20. **Chief instructor** for the Instruction course: Road to Orthophoria Silver Jubilee Conference of Maharashtra Ophthalmic Society and Bombay Ophthalmic Association, Grand Hyatt, Mumbai, 4th-6th Nov, 2005.
21. Co-instructor for the Instruction Course: Research Methodology. Instructed the participants on Biostatistics. Silver Jubilee Conference of Maharashtra Ophthalmic Society and Bombay Ophthalmic Association, Grand Hyatt, Mumbai, 4th-6th Nov, 2005.
22. Ophthalmology for general practitioners. Jan 2006, presented at Wada, Thane.
23. Faculty: presented 'Remediation of ocular diseases of Prematurity'. CME on Retinopathy of Prematurity 26th February, 2006 at Aditya Jyot Eye Hospital.
24. Can Brückner test be used to detect significant refractive errors in children? Presented at APAO 2006, Suntec International Convention Center, Singapore 13th Jun, 2006.
25. Can we use TNO test with inverted telescope for the measurement of distance stereoacuity? Presented at APAO 2006, Suntec International Convention Center, Singapore 13th Jun, 2006.
26. Conducted a CME on Pediatric Ophthalmology and Strabismus. 3rd September 2006 at Valsad, Gujarat.

27. Low Vision Aids in Children. *Panorbit*: Conference of Bombay Ophthalmic Association, September, 9th 2006.
28. Acute Esotropias. *Panorbit*: Conference of Bombay Ophthalmic Association, September, 2006.
29. Common Pediatric Ophthalmic Disorders. Shanmukhanand Hall, Sion. 17th October, 2006.
30. Does adjustable suture technique yield better results compared to conventional suturing technique in management of Pediatric patients with strabismus? 8th October; *Eye Advance*, 2006. Grand Hyatt, Mumbai, India.
31. Clinical characteristics of Non-accommodative Esotropia. 8th October; *Eye Advance*, 2006. Grand Hyatt, Mumbai, India.
32. Slowing the progression of myopia, emmetropization and vision stimulation in Children. Co-instructor: Pediatric Refractive Challenges. MOSCON 2006, Kolhapur; October 13, 2006
33. Chief Instructor of Instruction Course on Amblyopia, MOSCON 2006, Kolhapur; October 13, 2006
34. Paediatric low vision rehabilitation. MOSCON 2006, Kolhapur; October 13, 2006
35. Can Bruckner test be used as a rapid screening test to detect children with significant refractive error? **Best Research Paper Award**. MOSCON 2006, Kolhapur; October 14, 2006
36. A Novel technique of measuring distance stereoacuity using TNO Chart and inverted telescope. MOSCON 2006, Kolhapur; October 14, 2006
37. Diagnostic approach and management of Nystagmus and moderator of Symposium on Strabismus. MOSCON 2006, Kolhapur; October 15, 2006
38. Are there biometric differences among hypermetropes with and without accommodative esotropia? MOSCON 2006, Kolhapur; October 15, 2006
39. Recent advances in the management of Amblyopia. CME on Pediatric Ophthalmology and Strabismus, Jalgaon, 21st Jan, 2007
40. Evaluation of a case of Strabismus. CME on Pediatric Ophthalmology and Strabismus, Jalgaon, 21st Jan, 2007
41. Evaluation and management of Abnormal Head Posture. CME on Pediatric Ophthalmology and Strabismus, Jalgaon, 21st Jan, 2007
42. Evaluation and management of Nystagmus. CME on Pediatric Ophthalmology and Strabismus, Jalgaon, 21st Jan, 2007

43. **Chief Instructor**, Instruction Course on Current Trends in the Management of Amblyopia., at AIOC, Feb 2007, Hyderabad
44. Paper Presentation: Is Cycloplegic Refraction Necessary for Myopic Children where subjective refraction is possible? at AIOC, Feb 2007, Hyderabad
45. Paper Presentation: Are there a biometric differences between a Accommodative Esotopia with Hyperopia and Simple Hyperopia? at AIOC, Feb 2007, Hyderabad
46. Prescribing guidelines for Refractive Errors and Amblyopia in children. CME on Pediatric Ophthalmology and Strabismus. Karnatak Ophthalmic Society and Mysore Ophthalmic Society, Mysore. July 22nd, 2007.
47. Probings and failed probings for CNLDO. CME on Pediatric Ophthalmology and Strabismus. Karnatak Ophthalmic Society and Mysore Ophthalmic Society, Mysore. July 22nd, 2007.
48. Recessions and Resections. Conference of the Bombay Ophthalmic Association, ITC Maratha Sheraton, 28th September, 2007 Mumbai, India.
49. Convener, Free Paper Session, Conference of the Bombay Ophthalmic Association, ITC Maratha Sheraton, 28th September, 2007 Mumbai, India.
50. I – Eye Care for Children. Thane Association of Pediatricians, Branch of Indian Academy of Pediatricians 10th October, 2007.
51. A 3D Power Point Presentation comparing Adjustable suture technique with non adjustable suture technique in comitant, horizontal strabismus. MOSCON 27, Solapur, 26th October, 2007 to 29th October, 2007.
52. Bruckner test: A rapid low cost test to detect low vision in children. MOSCON 27, Solapur,
53. Bruckner test: A rapid low cost test to detect low vision in children. Presented by Dr. Maulik Zaveri at New Orleans, American Academy of Ophthalmology meeting, USA.
54. 26th October, 2007 to 29th October, 2007. **Winner of the YKC Pandit Best Research Paper Award for the Year 2007.**
55. Pediatric Ophthalmology for Primary Care Physicians, Srimad Rajchandra Hospital, Dharampur 23rd Nov, 2007.
56. Pediatric Ophthalmology for Parents, Shahanai Hall, Thane. 24th Nov, 2007.
57. A 3D Power Point Presentation comparing Adjustable suture technique with non adjustable suture technique in comitant, horizontal strabismus. 2nd Dec, 2007. LVPEI, Hyderabad.

58. Predicting the ocular deviation by measuring ocular deviation under general anesthesia. 9th Dec, 2007. Synergy 07, Silver Jubilee Conference of the Strabismological Society of India, Hotel Le Meridian, Chennai, India.
59. Bruckner test: A rapid low cost test to detect low vision in children. 66th Annual conference of the AIOS, Bangalore, Jan, 2008.
60. A 3D Power Point Presentation comparing Adjustable suture technique with non adjustable suture technique in comitant, horizontal strabismus. 66th Annual conference of the AIOS, Bangalore, Jan, 2008.
61. Pediatric Ophthalmology for Children, Parents and Teachers. The Little Company School. Bandra. Feb. 2008
62. Pediatric Ophthalmology for Children, Parents and Teachers. Sri Ma Vidyalaya. Thane. Feb 2008.
63. Pediatric Ophthalmology – state of the art. 1st May, 2008. Coimbatore Ophthalmic Association, Coimbatore.

Winner of the National Ophthalmic Quiz at AIOC, Feb 2007, Hyderabad

Poster and Video Presentation:

1. Godre Anshu, **Kothari Mihir**, Kothari Kulin. Instructional Video: Preparation and uses of Autologous Serum tears. Conference of Bombay Ophthalmic Association and Maharashtra Ophthalmic Society, Mumbai, 2005.
2. Kar Dharmesh, Kothari Mihir, Natarajan S. Scientific Poster: Adjustable sutures in strabismus management. Conference of Bombay Ophthalmic Association and Maharashtra Ophthalmic Society, Mumbai, 2005.
3. Jaydeep Walinjkar, Dr. Mihir Kothari. Predicting Postoperative Alignment by measuring Ocular Deviation Intraoperatively Under General Anesthesia. 2nd Dec, 2007. LVPEI, Hyderabad.

Continuing Medical Education In Pediatric Ophthalmology And Strabismus:

1. Orbis DC10 at Chennai. 2002: Faculty: Dr. EC Sener (Turkey), Dr. Pradeep Sharma (Delhi), Dr. Jay Wisnicki(New York)
2. Orbis Illuminating a Small World. HBP at Nagpur, June, 2003 Faculty: Dr. Donny Su
3. Orbis HBP at Madurai 2002 Faculty: Dr. Thomas D France (Wisconsin, Madison), Ms. Leslie France
4. Current Concepts in Ophthalmology. December, 2004, Johns Hopkins University School of Medicine, Baltimore, Maryland, USA
5. 22nd Annual meeting of the Pediatric Ophthalmologists of North America. December, 2004. Wills Eye Hospital, Philadelphia, USA
6. 1st International Conference of Pediatric Ophthalmology and Strabismus, ORBIS international-H. V. Desai Hospital, Pune, September 2005
7. Skill Enhancement in Pediatric Ophthalmology and Strabismus. LVPEI, Hyderabad 27-03-06 to 8-04-06
8. Low Vision Awareness Programme, LVPEI, Hyderabad 29th March to 1st April.
9. Pediatric Glaucoma, David Watson, ORBIS DC 10th, April, 2007. Mumbai, India
10. Cutting Edge 2007. 13th Dec, 2007 to 16th Dec 2007. A joint conference of Oculoplasty Association of India, American Society of Plastic and Reconstructive Surgery, Asia Pacific Society of Plastic Surgery at LVEPEI, Hyderabad, India
11. Observership in Strabismology 4th March, 2008 to 9th March, 2008 with Dr. Pradeep Sharma at Rajendra Prasad Center for Ophthalmic Sciences, AIIMS, /new Delhi, India.

Organizing Scientific Events:

1. Symposium on Pediatric Ophthalmology for the Pediatricians, June, 2003, Mayfair rooms, Mumbai, India
2. Eyescope 2004: International Conference on Pediatric Ophthalmology and Strabismus, hotel Taj President, Mumbai, India
3. Workshop 2004: International workshop on the Research Methodology in collaboration with the Singapore National Eye Center, National University of Singapore and Singapore Eye Research Institute.
4. CME on ROP for ORBIS in conjunction with Aditya Jyot Foundation for Twinkling Little Eyes. 26th Feb, 2006.
5. CME on Pediatric Ophthalmology and Strabismus. Valsad, September 3rd, 2006, India
6. CME on Pediatric Ophthalmology and Strabismus and Live Surgery Demonstration, Valsad, 3rd June, 2007, India
7. CME on Pediatric Ophthalmology and Strabismus and Live Surgery Demonstration, ORBIS faculty for HBP, Dhenkanal, Orissa, 29th to 31st Aug, 2007, India
8. Workshop on Pediatric Ophthalmology and Strabismus at Kalinga Eye Hospital and Research Center, Dhenkanal, Bhubaneswar, Orissa, 20th Dec to 25th Dec, 2007, India.
9. Workshop on Pediatric Ophthalmology and Strabismus at Siloam Thomas Eye Hospital, Coimbatore, 1st May to 3rd May, 2008.

Association Membership:

1. **AIOS:** All India Ophthalmological Society
2. **MOS:** Mahaashtra Ophthalmological Society
3. **BOA:** Bombay Ophthalmic Association

4. **AMC:** Association of Medical Consultants
5. **SSI:** Strabismological Society of India
6. **IMA:** Indian Medical Association

Faculty: Maharashtra Ophthalmic Society, Knowledge Helpline 2007-2008

Referee:

1. Indian Journal of Ophthalmology (IJO)
2. Journal of College of Physicians and Surgeons of Pakistan (JCPSP)

Personal Details:

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Current Designation:

Director,

Jyotirmay Eye Clinic www.jyotirmay.com

(for Children upto 16 years and Squint)

Thane, Mumbai

Director,

Pediatric Low Vision Center in memory of Late Shri Dilip Khodidas Kothari, Thane, Mumbai

Consultant

Pediatric Ophthalmology & Strabismus

1. Aditya Jyot Eye Hospital Pvt. Ltd.

Wadala, Mumbai

2. Mehta Eye Clinic, Ghatkopar, Mumbai
3. Mahatme Eye Hospital and Eye Bank.

Nagpur, India

4. Shrimad Rajchandra Hospital, Dharampur, Valsad, India (managed by Vision Foundation of India)

Honorary Pediatric Ophthalmologist :

Thane Civil Hospital

Managing Trustee : Jyotirmay Charitable Trust

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References:**Dr. Santhosh Honavar**

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