

DR T S SURENDRAN



Date of Birth

30th September 1952

Qualifications

M.B.B.S (M.D.)(Madras 1976)

D.O. (Madras) 1979

M.Phil (BITS, Pilani) 1994

Present Position

Vice Chairman of Sankara Nethralaya from October 2003

Director – Dept. Pediatric Ophthalmology, Sankara Nethralaya

Director – Sankara Nethralaya – ORBIS Pediatric Ophthalmology Learning and Training Centre

President of Sankara Nethralaya Alumni Association

Trustee and Board member of Sankara Deva Netralaya, Guwahati, Assam

Positions held

Assistant Medical Director of Sankara Nethralaya from March 1990 to February 1998

Medical Director of Sankara Nethralaya from March 1998 to September 2003

Specialized Training

One year in Squint & Contact Lens at R P Centre, A.I.I.M.S., New Delhi, India. Three Months training in paediatric Ophthalmology, Childrens' Hospital, Boston, Mass, USA.

Four months training in Binocular Vision, Contact Lens, Low Vision AIDS, school of optometry, Berkeley, California, USA – 1987.

Trained at Smith Kettlewell Eye Institute under Alan Scott, MD On treatment of Injection Botulinum toxin in the Management of strabismus and Blepharospasm, November - December 1990 & 1997

Professional Experience

Worked as honorary assistant in Ophthalmology Department, V.H.S. Medical Centre, Adyar, Madras-20, 1977 - 1978.

Consultant from Dec.79 – Sankara Nethralaya.

Asst. Medical Director from April 1990 to Feb.98.

Areas of Specialization

Contact Lenses, Paediatric Ophthalmology and Low Visual Aids & Botulinum Toxin in Blepharospasm and Strabismus

Awards

1. Youth Excellence Award for the year 1985.
2. Lt. Col. Rangachari Award for the paper titled 'Paediatric Portable Keratometer' , Presented at the All India Ophthalmic Society at Ahmedabad 1990.

Papers presented:

1. Surendran, B. Sridhar Rao and Chandran Abraham: Fluorescein Angiography in Angiomatosis Retina, Madras State Ophthalmic Conference, 1981.
2. Surendran, S.S. Badrinath: Disposable drapes in ocular surgery, All India Ophthalmic Conference, Calcutta, 1982.
3. Surendran: Our Experiences with Extended Lenses Wear Lenses in aphakic children - Madras State Ophthalmic Conference, Coimbatore, October 1982.
4. Surendran, B Sridhar Rao: Bandage Lenses - Our Experiences, 42nd All India Ophthalmological Society, Poona, January 1983.
5. Surendran, B. Sridhar Rao: Bandage Lenses in dry eyes, 31st Madras State Ophthalmic Association, Madurai 1983.
6. Surendran : Comparison of Autorefractor reading with subjective acceptance - Mangalore 1984.
7. Surendran : Septicon System of hydroptic soft contact lenses, Southern Regional Conference at Mangalore 1984.
8. Surendran : Post Graduate Lectures - Contact Lens Fitting, Karnataka State Ophthalmic Conference, Bangalore, February 1984.
9. Surendran : Bandage Lens, International Congress of Contact Lens Society Meet, New Delhi 1985.
10. Surendran : Septicon Systems, International Congress of Contact Lens Society Meet, New Delhi 1985.
11. Surendran : ESO Deviation in strabismus workshop Scientific Committee of Karnataka Ophthalmic Society, Bangalore, February 1985.
12. Surendran : Calibrated resection clamp at Strabismological society at R.P. Centre, New Delhi.
13. Surendran, R Krishna Kumar: Our experiences of fitting of contact lenses in

Keratoconus, Madras State Ophthalmic Association, Tanjore, September 1985.

14. Surendran : Calibrated Resection Clamp at Madras State Ophthalmic Association, Tanjore, September 1985.
15. Surendran : Post Surgical analysis of intermittent exodeviation, Madras State Ophthalmic Association, Pondicherry, October 1986.
16. Surendran: E. Suresh, J Paul - Our Experience with extended wear soft contact lenses - 45th All India Ophthalmic Conference, Hyderabad, January 1987.
17. Surendran: Papers - 'Post Surgical Analysis of Intermittent divergent squint' and 2. Denervation and extrbation of inferior oblique our experience - panelist.
18. Surendran: Inferior oblique working procedures - Our experience - 36th Madras State Ophthalmic Association, Trichy, 1989.
19. Surendran, K. Ramesh, A.S. Dave: Strabismus - Fixus Divergence, 37th Madras State Ophthalmic Association, Salem, 1989.
20. Surendran, K.V. Ravi Shankar, A.S. Dave: Amblyopia therapy in patients above 12 years of age - our experiences - 37th Madras State Ophthalmic Association, Salem, 1989.
21. Surendran, K Ravi Shankar, R Selvarangam, Paediatric Portable Keratometer (for Lt. Co. Rangachari Award) 48th All India Ophthalmic Society Conference, Ahmedabad, 1990.
22. Jay M. Enoch, Aviran Itzhaki, T.S. Surendran, James P. Comerford, Vasudevan Lakshminarayanan - Anomalous Kinetic Visual Fields found in family members of patients with a confirmed diagnosis of Gilles De La Tourtte Syndrome, School of Optometry, University of California at Berkeley, California 94720.
23. Jay M. Enoch, Aviran Itzhaki, Vasudevan Lakshminarayan, James P. Commerford - Visual Field defects detected in patients with Gillies De La Tourtte Syndrome - Preliminary Report. School of Optometry, University of California, Berkeley, California 94720.
24. Dr K Krishna Narayani, Dr T. S. Surendran : Clinical evaluation and treatment of accommodative esotropia in the 39th T.N.O.A Coimbatore. September 1991.
25. Dr T S Surendran and Bhupesh Nagpaul - Use of low vision aids in patients with senile macular degeneration AIDS - 1991 - Bangalore.
26. Dr Krishna Narayani, Dr T S Surendran, Dr K Ravi Shankar and Dr J Biswas presented poster on "Phthiriasis palprebrarum in a young child - A Case Report " and "Surgical Correction of Duane's Syndrome" at the 50th A.I.O.S., Delhi, 1992
27. Dr Krishna Narayani, Dr T S Surendran, Dr K Ravi Shankar presented paper on “

Botulinum a toxin as a treatment for essential blepharospasm and hemifacial spasm", Southern Regional Ophthalmic Conference, Madras, September 1992.

28. Dr M P Veenashree and Dr T S Surendran: Fitting of spin case lenses - A preliminary report in the 41st T.N.O.A conference at Tuticorin between 3rd and 5th September, 1993.
29. Dr Kaushick Biswas and Dr T S Surendran: Botulinum Toxin Therapy in Strabismus patients in the 52nd AIOS Conference, January 1994 Calcutta.
30. Dr Sriram Ramalingam, Dr T S Surendran, Dr K Ravishankar. Compensatory head poster in Duane's Syndrome after surgery in the academic meet '3rd Annual Scientific Session' held at Kandy, Sri Lanka, August 1994.
31. Dr Manu R K Mathew, Dr Sriram Ramalingam, Dr K Ravishankar, Dr T S Surendran. Combination Contact Lens System - Our Experience at the 43rd Annual Conference of the Tamil Nadu Ophthalmic Association, Tiruchirappalli, 11th and 13th August, 1995.
32. Presented a paper titled 'How long should patients fast prior to surgery' to American Academy of Ophthalmology, San Francisco, USA during Oct.97.
33. International Conference on Ophthalmic Update- Eye Trendz 2001 in Ooty between 11-13th May 2001. Preoperative consideration & management of exotropia Current trends in strabismus
34. Presented a paper on low vision aids in children, at ISO 4th International conference at Shantou-China, July 2002
35. Presented a paper – "Surgical Management of Monocular Elevation Deficiency – Our Experience" to All India Ophthalmological Society, Varanasi, on 10th January 2004.
36. Presented a paper – "Asymmetric bilateral Duane's syndrome with hypotropia and downshoot" to the 21st Congress of the Asia Pacific Academy of Ophthalmology, Singapore, on 11th June 2006.

Papers Published:

1. Paediatric Portable Keratometer - Dr T S Surendran, Dr R Selvarangam, Dr K Ravishankar, proceedings of the 48th All India Ophthalmological Society, 1990.
2. Surgical Management of Infantile Esotropia - Dr Manjula Jayakumar, Dr T S Surendran, Dr K Ravishankar, Dr Sriram Ramalingam - 7th Biennial conference of strabismological society of India 1996 - 18th - 19th October 1996 - Hotel Ambassador Pallava, Madras.

Lectures Delivered:

1. Delivered a talk on Strabismus, Amblyopia and Refraction in children in a symposium on Paediatric Ophthalmology at Karnataka State Ophthalmologic Association, Belgaum, November 1985.
2. Delivered a lecture on Role of Contact Lens in Aphakia in a symposium at Madras State Ophthalmic Association, Pondicherry, October 1986.
3. Delivered lecture on "Contact Lens Care, Extended Wear Lens Fitting in Children" at L.V. Prasad Eye Institute, Hyderabad, 1988.
4. Delivered lecture on "Current Status of Strabismus Management, 17th Gujarat State Ophthalmological Society Conference, Rajkot, Ahmedabad, 1989.
5. Delivered lecture on "Congenital Esotropia", National seminar on Squint and Amblyopia, New Delhi 1989.
6. Delivered lecture on "Adjustable Sutures in Squint Surgery", National Seminar on Squint and Amblyopia, New Delhi, 1989.
7. Delivered lecture on "Comparative Results In Inferior Oblique Weakening Procedures" National Seminar on Squint and Amblyopia, New Delhi 1989.
8. Delivered guest lecture on "Horizontal Muscles", Vijayawada Academy of Ophthalmology, Vijayawada, A.P. 1989.
9. Delivered lectures on Basics in Contact Lens fitting Strabismus and Amblyopia and Low vision aids for Coimbatore Ophthalmologists and Medical practitioners question and answer session on 'Know your eyes' for Round Table IX public, Coimbatore, 1990.
10. Delivered lecture on Fitting Philosophy of Soft Contact Lenses in the III Workshop on Contact lens conducted by Regional Inst. of Ophthalmology and Govt. Ophthalmic Hospital, May 1990.
11. Delivered lecture on complications on Soft Contact Lenses in the III Workshop on Contact lens conducted by Regional Inst. of Ophthalmology and Govt. Ophthalmic Hospital May, 1990.
12. Delivered lecture on Clinical features and management of various types of esotropia in the Instruction Course on Diagnosis and therapy of horizontal squint, 49th All India Ophthalmological Society Conference, Bangalore, January 1991.
13. Delivered lectures on changes in endothelium in long term wear in the Instruction Course on Ocular Changes in long term contact lens wear, 49th All India Ophthalmological Society Conference, Bangalore, January 1991.
14. Delivered lecture on comparison of auto refractors reading in the subjective acceptance in the Instruction Course on Autorefractors - Uses and Abuses.

15. Delivered lecture on Fitting Contact Lenses in Children in the workshop on Strabismus and Paediatric Ophthalmology, Aravind Eye Hospital, Madurai, 17th and 18th August, 1991.
16. Delivered lecture on surgery in Paediatric Strabismus and Botulinum Toxin in Strabismus in the workshop on Strabismus and Paediatric Ophthalmology, Aravind Eye Hospital, Madurai, 17th and 18th August 1991.
17. Delivered lecture on Clinical patterns of Strabismus - A and V Patterns in the Workshop on Strabismus and Paediatric Ophthalmology, Aravind Eye Hospital, Madurai, 17th and 18th August, 1991.
18. Convenor for Contact Lens session - delivered lecture on Hydrophilic lenses, in the 39th Annual Conference of Tamil Nadu Ophthalmic Association, Coimbatore, September 1991.
19. Delivered lecture on "Paediatric refraction in the symposium on Refractive errors and their management in the 39th Annual conference of Tamil Nadu Ophthalmic Association, Coimbatore, September 1991.
20. Delivered lecture on optical aids for partially sighted patients in the symposium on Refractive errors and their management in the 39th Annual Conference of Tamil Nadu Ophthalmic Association, Coimbatore, September 1991.
21. Delivered lecture on "Evaluation and Management of Paralytic Squints at the X Karnataka State Ophthalmological Conference, Bangalore, November 1991.
22. Delivered lecture on "Keratoconous contact lenses for paediatric age group/Bandage contact lenses/Cosmetic contact lens/Extended wear contact lens at Karnataka State Ophthalmic Conference 1992 at St. John's Medical College, Bangalore, June 1992.
23. Delivered didactic lecture on "Management of Esotropia" at the Southern Regional Ophthalmic Conference, Madras on 6th September 1992.
24. Delivered a lecture on "Recent Advances in the Management of Squint" at the Regional Institute of Ophthalmology, Government Ophthalmic Hospital, Madras on 24th April 1993.
25. Delivered lecture on 'Recent Advances in Contact Lenses', Salem Ophthalmic Association, Salem, October 1993.
26. Delivered lecture on 'Botulinum Toxin in Strabismus' in the Instruction Course on Advances in Strabismus Surgery, in the 52nd AIOS Conference, Calcutta, January 1994.
27. Delivered lecture on Pit Falls in Squint in the Squint Workshop conducted at Govt. Ophthalmic Hospital for their 175th Anniversary, May 1994.
28. Delivered lecture on Adjustable sutures in Strabismus Surgery in the Squint Workshop conducted

at Govt. Ophthalmic Hospital for their 175th Anniversary, May 1994.

29. Delivered lecture on Botulinum in Strabismus in the Squint Workshop conducted at Govt. Ophthalmic Hospital for their 175th Anniversary, May 1994.
30. Delivered lecture on Botulinum toxin as a treatment for Essential Blepharospasm and Hemifacialspasm, in the academic meet '3rd Annual Scientific Session', held at Kandy, Sri Lanka, August, 1994.
31. Surgical results on Duane's retraction syndrome, in the academic meet '3rd Annual Scientific Session' held at Kandy, Sri Lanka, August 1994.
32. Delivered lecture on 'Paediatric refraction in children' - Workshop conducted by Elite School of Ophthalmology - 1994.
33. Delivered lecture on 'Botulinum Toxin Injection', Midterm Symposium of Strabismological Society of India, Apollo Hospitals, Hyderabad in October, 1995.
34. Delivered a lecture on 'Latest trends in contact lens practice' - Bausch and Lomb contact lens practitioner's meet on 11 June 1996 - Bausch and Lomb India Limited - Hotel Central Park, Bangalore.
35. Delivered a lecture on "Contact lenses in the pediatric age group - A Contact lens symposium, Dr Agarwal's Eye Hospital, 13 Cathedral Road Madras 600 086- on 12 June 1997 at 7.45 p.m.
36. Delivered a lecture on "Contact lenses capsule" held on March 97.
37. Fixed special types of Contact Lenses including Aphakia, Bifocals, Cosmetic lenses, Toric Lenses, etc. at Regional Institute of Ophthalmology Govt. Ophthalmic Hospital, Chennai 2.
38. Delivered lecture on Modern aspects of surgical management of strabismus at Southern Regional Ophthalmic Conference at Chennai on 7-9th August 1998.
39. Delivered a lecture on 'Latest trends in contact lens practice' - Bausch and Lomb contact lens practitioner's meet on 11 June 1996 - Bausch and Lomb India Limited - Hotel Central Park, Bangalore.
40. Participated in the Squint workshop - Regional Institute of Ophthalmology - Government Ophthalmic Hospital, Madras- was co-chairman of the morning session and presented a talk on A-V syndrome, Botox injection in strabismus - 20 July 1996.
41. Delivered a lecture on 'BOTULINUM TOXIN: AS AN ALTERNATIVE - 7th Biennial conference of Strabismological Society of India 1996 - 18th - 19th October 1996 - Hotel Ambassador Pallava, Madras.

42. Delivered a lecture on 'REFRACTIVE ERRORS, LAZY EYE & CROSSED EYES' - 26th October 1996 - Continuing Public Education (CPE) Programme at Sankara Nethralaya.
43. Delivered a lecture on Contact lens - What to teach?, Conference of International Association of Contact lens Educators, (IACLE) 24th to 25th July 1997 at Medical Research Foundation, Chennai - 600 006.
44. Participated in Computers & its applications in Hospital Management Course, Conducted by Indian Institute of Health Management Research, Jaipur.
45. Delivered lecture at Low Vision Workshop at Chennai on 17.2.2001 conducted by Sankara Nethralaya.
46. Presented a talk on Future of eye care in India to the Rotarians of Calcutta on July 13th 2003.
47. Guest speaker at 51st Annual Conference of TNOA & Southern Regional Ophthalmic Conference (Chennai Eye 2003) - 15th to 17th August 2003. The topics: 1. Contact lens fitting in difficult situations 2. Adult strabismus surgery under propofol sedation with local versus general anesthesia.

Endowment Lecture:

Delivered endowment lecture at National Institution for Quality and Reliability – LSN Gupta Endowment - on 22.8.2000.

Instruction Course:

1. Conducted instruction course on "Contact Lens Fitting" at All India Ophthalmological Society, Kanpur, January 1986.
2. Faculty - Contact lens fitting 45th All India Ophthalmic Conference, Hyderabad, January 1987.
3. Faculty - Contact Lens fitting - 46th All India Ophthalmological Society, Bombay, 1988.
4. Faculty - Surgery of Concomitant squint, All India Ophthalmological Society, Bombay 1988.
5. Faculty- Infectious complication of contact lens fitting 47th All India Ophthalmological Society, Madras 1989.
6. Conducted Instruction Course on Investigations in a Squint case, 17th Gujarat State Ophthalmological Society Conference, Rajkot, Ahmedabad 1989.
7. Conducted Instruction Course on "Heterphoria tropia in children and contact lenses" at A.I.O.S,

Delhi February 1992.

8. Participated in Workshop on "Paediatric Ophthalmology" conducted by Aravind Eye Hospital, Madurai in August 1991 - "Paralytic Squint, A & B phenomenon and use of Botulinum toxin in squint surgery".
9. Conducted Instruction Course on Endothelial changes in contact lens wear - Bangalore AIDS - 1991.
10. Participated in the Symposium on "Current Therapy and Emerging Technologies" and delivered a lecture on "Advances in Strabismus Surgery" at the 43rd Annual Conference of the Tamil Nadu Ophthalmic Association, Tiruchirappalli, 11th and 13th August, 1995.
11. Participated in the Squint workshop - Regional Institute of Ophthalmology - Government Ophthalmic Hospital, Madras- was co-chairman of the morning session and presented a talk on A-V syndrome, Botox injection in strabismus - 20 July 1996.
12. Faculty - "Management of Exotropia – A Challenge", 62nd Annual Conference of AIOC, Varanasi 8th January 2004.
13. Conducted Instruction Course on "Diplopia: A Practical Approach", at 62nd Annual Conference of AIOC, Varanasi 11th January 2004

Panel Discussion:

1. T.S. Surendran: Round Table Meeting on Strabismus - 46th All India Ophthalmological Society, Bombay 1988.
2. Recipient of NIQR (National Institute of Quality and Reliability) award along with Dr S.S Badrinath on 4th March 2003 at Taj Chennai. He chaired the session on
3. 'Quality in eye care services' during the NIQR 10th National Convention –Quality Congress on 4th March
4. T.S. Surendran: Round Table Meeting on Strabismus - to the 21st Congress of the Asia Pacific Academy of Ophthalmology, Singapore, on 13th June 2006

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Participated:

1. T.S. Surendran : Contact Lens Workshop, Nagpur, (Faculty) November 1986.
2. T.S. Surendran : First Asian Pacific Symposium and Advance Course on Contact Lenses, Singapore, 2nd and 4th September 1992. American Academy of Ophthalmology, Chicago, 1983, American Academy of Ophthalmology, Dallas, 1987.
3. XV Congress of Asia Pacific Academy of Ophthalmology, Atlanta, 1990
4. XVII Congress of Asia Pacific Academy of Ophthalmology, November 1992. American Academy of Ophthalmology, San Francisco – 1997
5. Co-chairman for pediatric ophthalmology at ISO 4th International conference at Shantou-China, July 2002
6. Visiting scholar for 6 months at the Chinese University of Hong Kong, April to October 2002
7. Conducted Contact lens workshop at Shantou-China, September 2002
8. Moderator for Pediatric ophthalmology commission training at the Hong Kong Eye center (CUHK), August 2002
9. “Botulinum Toxin in ophthalmology” talk given at the Neuro ophthalmology CME conducted by SN, October 2002.
10. Two talks for ORBIS program in Chennai, 16.11.2002
11. Bombay Ophthalmological society Meeting. Talks on “New trends in strabismus management” and Botulinum Toxin in Ophthalmology”, December 2002
12. Attended the Pediatric Ophthalmology & paramedical training curriculum finalization workshop on 30th September 2003 at Aravind Eye Hospital, Pondicherry.
13. Maharashtra Ophthalmological Society, Jalna 17- 19th October 2003; organized by Shri Ganapati Netralaya – Keynote address: Past, Present & Future of strabismus practice; Role of Botox
14. AIOS 2004 8th to 11th January at Varanasi – Chairman for the session ‘squint’

As a Discussant for the following papers:

1. Binocular Status after surgery for Exotropias – our experience.
2. Surgical Management of total third nerve paralysis: A new technique of ocular fixation

3. Levo-Dopa as an adjuvant to conventional occlusion for treatment of Amblyopia in children.
4. Changes in refractive status following strabismus surgery.
5. Surgical Management of Monocular Elevation Deficiency – Our Experience.
6. As a Co-author for ‘Surgical Management of Monocular elevation deficiency – our experience’.
7. Poster Panel: Duane’s retraction syndrome: Spectrum of clinical presentation
8. Instruction Course: Management of Exotropia – a Challenge, Topic: Consecutive Exotropia.
9. Instruction Course: Diplopia – A Practical approach
10. Role of Botox in patients with Diplopia
11. Talked on ‘RGP lenses’ on 11.01.2003 at the session ‘Eye Believe It’.

Posters Presented:

1. Presented – “Duane’s Retraction Syndrome: Spectrum Of Clinical Presentation at 62nd Annual Conference of All India Ophthalmological Society, Varanasi on 8 – 11th January 2004

Membership in Society:

1. All India Ophthalmological Society - Organizing Committee- 1985 –87
2. Officer Bearer - All India Contact Lens Society. From 1980
3. Member - Scientific Committee - Southern Regional Ophthalmic Conference, Madras, September 1992.
4. Organizing Secretary of One day Workshop on "Paediatric Ophthalmology" conducted by Sankara Nethralaya - 1991.
5. Organizing Secretary of 7th Biennial conference of Strabismological Society of India 1996 - 18th - 19th October 1996 - Hotel Ambassador Pallava, Madras.
6. Chief Guest, Gujarathi Swetamber Sthanakwasi Jain Association function July 6th 2003
7. Chief guest on the silver jubilee celebrations of Public Health Centre, Chennai held on 4th May 2003

8. Chief Guest of 3rd Anniversary celebration of Apollo First Med Hospitals, Chennai on Eye Donation Camp.
9. Inaugurated Dr. M. N. Post Graduate Institute of Ophthalmology for Training Dip. N. B. (Ophthalmology) Affiliated to National Board of Examinations.
10. Guest of Honour on Symposium on Retina and Macula held at Traders Hotel conducted by Rajan Eye care Hospital on 9th Oct – 2005
11. Chief Guest of workshop on “Update in Uveitis” held at Govt. Ophthalmic Hospital, Egmore on 4th November 2006.

Optometry Teaching:

Teaching Elite School of Optometry, Baccalaureate programme students since 1986 - Binocular vision, contact lenses and low vision aids

Camps conducted:

Conducted four squint camps at Jalna, Maharashtra in August 1993, June 1994, 1995 and 1998.

Surgeries Performed:

More than 10,000 surgeries and procedures performed, mostly in children.