

CURRICULUM VITAE

ANIL KUMAR MANDAL, MD, DNB, FAMS

**Emeritus Ophthalmologist
L V Prasad Eye Institute
L V Prasad Marg
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HYDERABAD - 500034
INDIA**

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Name : Anil Kumar Mandal

Date of Birth : 2nd January, 1958

Address : Village & Post: Ghanashyambati
P.S. Nodakhali
District: South 24 Parganas
Pin 743319
West Bengal
INDIA.

Medical School : Nilratan Sircar Medical College 1975-1981
and Hospital, University of Calcutta
Calcutta - 14, INDIA

Internship : Nilratan Sircar Medical College 1982-1983
and Hospital, Calcutta - 14, INDIA

Post-graduation : Dr. R.P. Centre for Ophthalmic 1984-
1986
Ophthalmology Sciences, All India Institute
of Medical Sciences, New Delhi, INDIA

Fellowship : Dr. R.P.Center for Ophthalmic July 1987 – June
1990
Ophthalmology Sciences, All India Institute
of Medical Sciences, New Delhi, INDIA.
- Emergency Ophthalmology
- Glaucoma
- Oculoplastic Surgery

Diplomate of National Board of Examination 1987

Visiting Research : W.K. Kellogg Eye Center. 13.7.92 - 14.8.92
Fellow-ship
Glaucoma University of Michigan,
100, Wall Street, Ann Arbor,
Michigan 48105, USA.

Visiting Research : Doheney Eye Institute, 5.8.92 - 31.12.92
Fellow-ship
Glaucoma University of Southern
California, Los Angeles, California, USA

Observer Fellow- : Massachusetts Eye and Ear 1.7.1994 to 7.7.1994
ship in Glaucoma Infirmary, Harvard Medical School
243, Charles Street Boston,
Massachusetts, 02114-3096, USA

Observer Fellowship : 2 Longfellow Place with 8.7.1994 to 17.7.1994
David S.Walton,M.D., Boston,
Mass 0211417, USA

Visiting Professor : Duke University Medical Centre
 Visiting Professor : Louisiana State University November 12
 & 13, 1998 Medical Centre, 1501
 Kings Highway
 Shreveport, LA 71130

 Visiting Professor : University of Tennessee, Memphis Nov 16-20, 1988
 956, Court Avenue, Memphis
 Tennessee 38163

PRESENT EMPLOYMENT AND POSTS HELD PREVIOUSLY

Junior Ophthalmologist : August 1990 to January 1991
 Assistant Ophthalmologist : February 1991 to February 1994
 Associate Ophthalmologist : March 1994 to February 1998
 Ophthalmologist : March 1998 to March 2002
 Head, Children's Eye Care Centre: November 1997 to March 2002
 Senior Consultant Ophthalmologist
 VST Glaucoma Centre : April 2002 – Dec 2023

Present Position: Emeritus Ophthalmologist
 L.V. Prasad Eye Institute
 L.V. Prasad Marg, Banjara Hills
 Hyderabad - 500 034
 Telangana
 INDIA

Membership of Societies:
 Member of American Academy of Ophthalmology (029724)
 Life member of AIOS (M04066)
 Life member of GSI (LM29)
 Life member of APSOS
 Life member of TOS
 Life member of Vijayawada Academy of Ophthalmology

EXPERIENCES IN COMMUNITY OPHTHALMOLOGY

Attended 5 eye camps at the rural areas of Haryana and Uttar Pradesh states.

Was in charge of the ophthalmic division of the community rural health scheme project, Ballabgarh (Haryana) for a period of 2 ½ months. Managed the out-patient department, operation theatre and wards at these places independently.

INVITED SPEAKER/PRESENTATIONS IN NATIONAL & INTERNATIONAL MEETINGS

1. In house faculty, in seminar on glaucoma held at LV Prasad Eye Institute on 22nd & 23rd September 1990.
Topics: Tonometry
 - Pharmacology of anti glaucoma drugs
 - Management of ACG
 - Glaucoma suspect
 - Steroid induced glaucoma
 - Epidemic dropsy glaucoma
2. Talk in the instruction course during the 14th A.P. State Ophthalmic Conference held between 13th - 14th October, 1990.
Topic: Tonometry & Gonioscopy
3. Invited speaker in the symposium "Ophthalmology 2000" in 49th Annual AIOS Conference, 1991, Bangalore.
Topic: Early diagnosis of glaucoma
4. Participated in the panel discussion on "Current status in glaucoma" in the 49th Annual AIOS Conference 1991, Bangalore.
5. Participated in the institutional course in the first ophthalmic conference of SARC held at Kathmandu 13-15th September, 1991.
Topic: Laser treatment of the glaucomas
6. Guest faculty for the glaucoma society of India meet in "Glaucoma update" held at New Delhi in 5th, 6th October, 1991.
Topic:
 - 1) Gonioscopy in clinical practice.
 - 2) Early surgery in POAG
 - 3) Computerised perimetry: Physiological basis and Instrument design.
7. Participated in the symposium "Early diagnosis and management of glaucoma" in 15th A.P. State Ophthalmic Conference in November, 1991.
8. Presented free paper in 15th A.P. State Ophthalmic Conference, November 1991.
Topic: Mucous membrane grafting in Distichiasis
9. Participated in the Indian Eye Research group meeting held at L.V. Prasad Eye Institute between 25-26th January, 1992.
 - 1) Presented paper on "Early experiences with developmental glaucoma"
 - 2) Co-author of the paper on "Cycloplegia and intraocular pressure in primary open-angle glaucoma"
 - 3) Co-author of the paper on "Malignant glaucoma-value of early management"
 - 4) Co-author of the paper on "Our experience with the management of blow-out fractures"

10. Guest speaker at Glaucoma Society of India meeting held in Ahmedabad on 19th and 20th of September 1992.
Topics: Nd-YAG laser sclerostomy.
11. Presented free paper in the Oculoplastic Association of India Meet on 1st February 1992 "Mucous membrane grafting in Distichiasis".
12. Attended Golden Jubilee AIOS Meeting between 2nd - 6th February, 1992.
 - 1) Invited speaker for glaucoma symposium on "evaluation techniques and medical treatment"
Topic: Automated perimetry - Basic principles
 - 2) Invited speaker on symposium for keratoplasty in IIIrd world situation - Results and complications
Topic: Post-keratoplasty glaucoma
 - 3) Participated as faculty on instruction course on glaucoma
Topic: Argon laser trabeculoplasty-Techniques, Results and Complications
13. Attended Vth ICIMRK meeting and the Ist FONAS congress held at Delhi between 13-15
 - 1) Participated as faculty in instruction course on glaucoma
Topic: Early diagnosis of glaucoma
 - 2) Participated as faculty on symposium -"controversies in the management of glaucoma"
Topic: Primary surgery for chronic open angle glaucoma
 - 3) Participated in the institutional course conducted by L.V. Prasad Eye Institute, Hyderabad.
Topic: Drainage implant surgery for refractory glaucoma
14. Participated in the competition on Best Review Article conducted by "Federation of Ophthalmic Research and Center of Education of India" - Article selected for the best review article award.
Topic: "Laser therapy for the glaucomas - Is it of value?"
15. Participated in the Indian Eye Research Group held in CCMB on 30th and 31st January, 1993.
 - 1) Ab interno Contact Nd: YAG laser sclerostomy: An evolution toward minimal invasive glaucoma filtering surgery (on 31st of January, 93)
 - 2) Co-author of the paper presented in the same meeting on 31st January, 93.
 - a) Post penetrating keratoplasty glaucoma.
16. Key Note address in the meeting of Anterior Segment Society for Ophthalmologists held in New Delhi on 1st of February, 93.
Topic: Pediatric Glaucoma Update.
17. Attended 51st All India Ophthalmological Society Meeting held in Jaipur between 3rd and 6th of February, 1993.
 - 1) Invited speaker in update programme. Glaucoma : In infants and children.
Topic:
 - i) Combined trabeculotomy cum trabeculectomy

- ii) Ocular biometry in the diagnosis of and management of developmental glaucomas.
- 2) Invited speaker in Current concept programme on "Intractable glaucoma - its management".
 - Topic:
 - i) Neovascular glaucoma
- 3) Free paper presented in the meeting -
 - i) Early experiences with Molteno implant in the treatment of refractory glaucoma.
 - ii) Correction of distichiasis by mucous membrane grafting.
- 4) Co-author of the free paper presented in the same meeting.
 - i) Congenital aniridia: Ocular manifestations and management.
- 18. Live surgical demonstration at seminar on Recent advances in cataract surgery at LV Prasad Eye Institute, Hyderabad, April 1993.
Trabeculectomy + ECCE + PC IOL.
- 19. Seminar on Technical Training: The repair & Maintenance of Ophthalmic equipment, ORBIS International held at LV Prasad Eye Institute between 13th to 15th August, 1993.
Topics: Use of Lasers in Ophthalmology:
Lasers in Anterior Segment Disorders
- 20. Participated in the XVII A.P. State Conference held at Sarojini Devi Eye Hospital from 15-17th October, 93.
Topics:
 - 1) Primary combined trabeculotomy and trabeculectomy in advanced developmental glaucoma.
 - 2) Extracapsular cataract extraction with or without primary PC IOL implantation in the treatment of phacolytic glaucoma.
 - 3) Surgical Management and Histopathology of Tenon's Cyst (with Video)
- 21. Guest Faculty in the 3rd Annual Meeting of the Glaucoma Society of India held at Sankara Nethralaya on 2-3rd December, 1993.
Topics:
 - 1) Combined trabeculotomy cum trabeculectomy in the management of advanced developmental glaucomas.
 Case presentation:
 - 1) A case of nanophthalmos with angle closure glaucoma and pigmentary retinopathy.
 Video presentation on:
 - 1) Excision of Tenon's cyst and its histopathology.
- 22. In house faculty for Glaucoma Update Programme held at LV Prasad Eye Institute on 8th of December, 1993.
Topic: Congenital glaucoma
- 23. Attended IVth International - IOL Congress held at Calcutta on 1st and 2nd of January, 1994.

Talk: "ECCE with or without primary posterior chamber intraocular lens in the treatment of phacolytic glaucoma"

24. Attended 52nd All India Ophthalmological Society Meeting held in Calcutta between 2nd and 6th of January, 1994.

Invited Faculty for the symposium on "Controversies in the management of glaucoma"

Topic: Problems and Controversies in Phacolytic glaucoma

- 1) Co-convenor for the session for "Current concept in Ophthalmology - Glaucoma in children"
 - i) Combined trab+trab in the management of advanced developmental glaucoma
- 2) Invited faculty for the symposium on "Keratoplasty Post surgical management"
 - i) Post penetrating keratoplasty glaucoma
- 3) Free paper on Glaucoma
 - i) Glaucoma following penetrating keratoplasty
- 4) Presented Scientific Exhibition and Posters on
 - i) Congenital glaucoma
 - ii) Primary surgery in primary open angle glaucomas

25. Participated in the Indian Eye Research Group held at National Institute of Nutrition, 8-9th January, 1994.

Topics:

- 1) Endocapsular surgery and capsular sac fixation of intraocular lenses in phacolytic glaucoma: a new safe and simple technique.
- 2) Primary combined trabeculotomy and trabeculectomy in advance developmental glaucoma

Co-author for the paper presented on "Extracapsular cataract extraction with or without primary posterior chamber intraocular lens implantation in the treatment of phacolytic glaucoma"

26. Invited speaker for the Recent Advances in Glaucoma held by Baroda Ophthalmic Society at Baroda on 6th February, 1994.

Talks:

- 1) Comparison of Applanation and Schiottz's tonometry
- 2) Recent instrumentation for tonometry
- 3) Visual fields: its role in diagnosis & prognosis of glaucoma. Role of computerised perimetry & its problems in interpretation
- 4) Overview of Phacolytic Glaucoma and Controversies in the management & A new surgical technique
- 5) Post PK Glaucoma
- 6) Developmental Glaucoma : Surgery + long term results
- 7) Lasers in Glaucoma : Iridotomy, trabeculoplasty
- 8) New surgical techniques in the management of glaucoma

27. Guest lecture at Ahmedabad Academy of Ophthalmology, Ahmedabad on 7th February, 1994.

Topic: Developmental glaucomas

28. Invited speaker for the Update on Recent Advances in Ophthalmology combinedly organised by Solapur Ophthalmological Society, Solapur, Maharashtra State Oph. Society & Rotoary Club of Sholapur, Sholapur on 27th of February, 94.
Topic: Developmental Glaucomas
29. Invited speaker in the 175th Anniversary Celebrations of Govt. Ophthalmic Hospital, Regional Institute of Ophthalmology, Egmore on 26th of March, 1994.
Topics:
1) Congenital Glaucoma - Current Concepts
2) Management of co-existing cataract and glaucoma
30. Invited guest faculty in the Annual Meeting of Delhi Ophthalmology Society, New Delhi on 9th – 10th of April, 1994.
Spoke on:
1) Microsurgical technique in combined trabeculotomy cum trabeculectomy in the management of developmental glaucoma
2) Microsurgical technique of bleb revision in the management of encapsulated blebs
31. In House Faculty in "Modern Cataract Surgery: An Update" on 23rd - 24th April, 1994.
Spoke on: Management of Co-existing Cataract & Glaucoma.
32. Participated in the XXVIIth International Congress of Ophthalmology at Toronto, Canada between 26th - 30th June, 1994.
Topic:
1) Video presentation on Surgical Management of Encapsulated Blebs
2) Paper presentation of Post - PK Glaucoma
3) Poster presentation on Extra capsular cataract extraction with or without PC IOL implantation in phacolytic glaucoma
33. Invited as a guest speaker at Massachusetts Eye and Infirmary, Boston between 1st - 17th July, 1994
Topic:
1) Current concepts in Diagnosis and Management of Developmental Glaucoma
2) Phacolytic Glaucoma Controversies in Management and Simple Technique of ECCE+PC IOL in Phacolytic Glaucoma
3) Management of encapsulated bleb
34. Invited as a guest speaker at National Eye Institute, Maryland between 18th -19th July, 1994 and California Pacific Medical Centre, San Francisco between 20th July - 3rd August, 1994.
Topic: "Management of Encapsulated Blebs"
35. Invited as a guest speaker at Summer's Course, Stanford University in August, 1994.
Topic: "The Developmental Glaucoma".
36. Participated as a faculty member in Glaucoma Society Meeting 3 & 4 September, 1994
Topics:
1) Basics of Automated Perimetry
2) Surgical Management of Congenital Glaucoma

- 3) Management of Encapsulated Filtering Blebs
 - 4) Early Surgery in Primary Open Angle Glaucoma
37. Participated in Glaucoma Society Meeting 3rd and 4th September, 1994 and demonstrated on Applanation Tonometry and Gonioscopy.
 38. Invited as a guest speaker for 26th Annual Meeting of West Bengal Ophthalmology Society in September, 1994.
Topic:
 - 1) Interpretation of automated perimetry
 - 2) Management of developmental glaucoma
 39. Invited as a guest speaker in the Regional Institute of Ophthalmology, Calcutta in September, 1994.
Topic:
 - 1) Controversies in the management of phacolytic glaucoma and new surgical technique of ECCE and PC IOL in phacolytic glaucoma
 - 2) Management of encapsulated filtering blebs
 40. Participated in the laser workshop 1st and 2nd October, 1994, L.V.Prasad Eye Institute, Hyderabad.
Topics:
 - 1) Basics of Nd - YAG laser
 - 2) Laser Sclerostomy
 - 3) Cytophotocoagulation
 41. Participated in the XIX Vidharbha Ophthalmic Society, 22nd October, 1994 Nagpur.
Topics:
 - 1) Congenital Glaucoma - Management of Visual Rehabilitation
 - 2) Phacolytic Glaucoma
 - 3) Management of Encapsulated Filtering Blebs
 42. Participated in the American Academy of Ophthalmologists 30th Oct- 3rd Nov, 1994 and presented a poster.
Topic: "Primary Therapy for Primary Open Angle Glaucoma"- Surgery or Medication?
 43. Invited as a guest speaker at California Pacific Medical Centre and Stanford University.
 44. Invited as a guest speaker at International Congress of Eye Research, Delhi, 13th - 18th Nov, 1994 and presented the following.
Topics: "The Developmental Glaucomas in India, presenting features therapeutic decisions and visual rehabilitation".
 45. Presented two posters at International Congress of Eye Research, Delhi, 13th - 18th Nov. 1994.
Topics:

- 1) Endocapsular surgery and capsular sac fixation of intraocular lens in phacolytic glaucoma - A new, safe and simple technique the management of phacolytic glaucoma.
 - 2) ECCE + with or without PC IOI in phacolytic glaucoma
46. Invited as a guest speaker at Centenary Function Celebration of Calcutta Blind School, Nov, 26th and 27th 1994.
Topic: "Visual and Social Rehabilitation of the Children afflicted by new born glaucoma (Congenital Glaucoma)"
47. Invited as a guest speaker at Andhra Blind Model School, Rayapeta, Narsapur Jan, 4th 1995.
Topic: Visual and Social Rehabilitation of the Children Afflicted with New Born Glaucoma.
48. Attended 53rd All India Ophthalmological Society conference, Bombay Feb, 2nd to 5th, 1995.
Topic: Free Paper Presentation
- 1) Management of encapsulated blebs
 - 2) Trabeculectomy with Mitomycin-C in post PK glaucoma
- Video Presentation
- 1) Microsurgical technique of combined trabeculotomy and trabeculectomy in advanced developmental glaucoma
 - 2) Excisional bleb revisional and its histopathology
- Poster presentation
- 1) Endocapsular surgery and capsular sac fixation of Intraocular lens in Phacolytic Glaucoma
 - 2) Extra Capsular Cataract Extraction with or without posterior chamber lens implantation in Phacolytic Glaucoma
 - 3) Primary combined trabeculectomy and trabeculectomy in advanced developmental glaucoma
 - 4) Primary treatment of POAG: Surgery or medication
 - 5) Primary Trabeculectomy in young adults.
49. Attended 21st Annual Meeting of American Association of Paediatric Ophthalmology and Strabismus in Orlando, Florida - April 5th to 9th 1995.
Topic: "Combined trabeculotomy and trabeculectomy in the management of the developmental glaucomas"
50. Visited Bascom Palmer Eye Institute, Miami, Florida - 10th to 14th April, 1995
Topic: "The developmental glaucomas in India"
51. Delivered a lecture at Sarojini Devi Eye Hospital, Hyderabad on 13th May, 1995.
Topic: "Evaluation, Differential diagnosis and Management of the Developmental Glaucomas"

52. Participated in Glaucoma Update held at LV Prasad Eye Institute on 8th & 9th July, 1995 and presented the following topics:
 - 1) Basics of automated perimetry
 - 2) Surgical management of congenital glaucoma.
 - 3) Primary surgery for POAG
 - 4) Management of encapsulated bleb

53. Invited speaker for Calcutta Academy of Ophthalmology Meeting on 21st September 1995.
 Topic: Managing co-existing cataract and glaucoma including phacotrabeculectomy.

54. Invited speaker for the Annual Meeting Glaucoma Society of India held in Eye Care & Research Centre in Calcutta on 23rd & 24th September, 1995.
 - 1) Basics of automated perimetry
 - 2) Mitomycin C augmented trabeculectomy in the management of congenital glaucoma.
 Video Presentation:
 - 1) Microsurgical technique results of primary combined trabeculotomy and trabeculectomy in the management of advanced developmental glaucoma.
 - 2) Combined trabeculectomy with phacoemulsification and posterior chamber intraocular lens implantation; a new, safe and simple technique.

55. Visited Regional Institute of Ophthalmology in Calcutta on 25th & 26th September, 1995 as an invited speaker.
 Topics:
 - 1) Changing trends and techniques of managing co-existing cataract and glaucoma.
 - 2) Management of encapsulated filtering blebs.
 - 3) "Your Children, our efforts and His wishes " - An overview of the management of pediatric glaucoma.

56. Attended American Academy of Ophthalmology held in Atlanta – 29th October-3rd November, 1995 and presented the following papers.
 - 1) Simultaneous bilateral primary combined trabeculotomy and trabeculectomy in the management of congenital glaucoma.
 - 2) Mitomycin C augmented trabeculectomy for congenital glaucoma.

57. Invited guest speaker, Duke University Eye Centre, North Carolina on 9th November, 1995.
 Topic: Surgical management of the pediatric glaucomas.
 Video:
 - 1) Microsurgical technique and results of the combined trabeculotomy and trabeculectomy in the management of congenital glaucoma.
 - 2) A new surgical technique on combined trabeculectomy and phacoemulsification with posterior chamber intraocular lens implantation.

58. Invited guest speaker for glaucoma update organised by Bombay City Eye Hospital and Bombay Ophthalmic Association and Maharashtra Ophthalmic Society on 27th and 28th January, 1996 and spoke on the following topics.
 - 1) Basic principles of automated perimetry.
 - 2) Congenital glaucoma suspect - how do I proceed?

- 3) Management options of congenital glaucoma.
 - 4) Visual and social rehabilitation of children afflicted with congenital glaucoma.
59. Invited guest speaker for VI International Congress of Intraocular Implant Society, India held on February 1,2 1996 at PGIMER, Chandigarh and spoke on following subjects:
- 1) Phaco : ECCE + PC IOL + Trabeculectomy: A new, safe and simple procedure
60. Participated in the symposium of Ophthalmic Plastic & Orbital Surgery "Cutting Edge-96" held at LV Prasad Eye Institute on 21st February, 1996 at L V Prasad Eye Institute.
61. Attended 54th Annual Conference of All India Ophthalmological Society, Feb 3-6, 1996 Chandigarh and presented the following:
- Free Papers:
- 1) Complete Curvilinear Capsulorhexis with Planned Conventional ECCE: Are they Compatible?
 - 2) Advanced Glaucoma - Risk of postoperative Visual Loss
 - 3) Trabeculectomy with Mitomycin C in neovascular glaucoma.
 - 4) Post-traumatic angle recession: Incidence of glaucoma.
 - 5) Simultaneous Bilateral Primary Combined trabeculotomy- trabeculectomy for Congenital Glaucoma.
- Video Presentation:
- 1) My method of Combined trabeculectomy and Phacoemulsification with In-The-Bag IOL implantation.
 - 2) Endocapsular surgery and Capsular Sac Fixation of Intraocular Lens in Phacolytic Glaucoma: A new, safe and simple technique.
 - 3) Intraoperative Use of Mitomycin-C during trabeculectomy in failed congenital glaucoma surgery.
 - 4) Fistulectomy ECCE and PC IOL implantation in the management of Leaking filtering blebs with coexisting cataract.
- Invited Speaker
- 1) Participated in the symposium on " Intractable glaucoma, new techniques" on 3rd February 1996 Topic: Drug modulation in filtering surgery.
 - 2) Invited speaker in the symposium on " New Surgical Techniques in Glaucoma " held on 5th February, 1996 and spoke on: Drug modulation in trabeculectomy.
 - 3) Invited speaker for Instruction course on "Effective Surgical Technique in Glaucoma " on 5th February, 1996 and spoke on: Lasers in glaucoma.
 - 4) Participated in American Academy Assisted Session on 4th February, 1996 as invited faculty in questioning panel.
62. Participated in Cataract Surgery seminar held on 30th & 31st March, 1996 at LV Prasad Eye Institute and spoke on:
63. Invited Faculty: Ophthalmology - 2000: Annual Conference of the Delhi Ophthalmological Society on 14th April, 1996.
Topic: Congenital Glaucoma - My 5 years experience.

64. Attended workshop on management of refractive glaucoma organised by D.G.H.S. Nirmal Bhavan on 15th April, 1996 and spoke on - Wound modulation in Excisional Bleb Revision ".
65. Attended ARVO from 21-26 April, 1996, and presented paper on "Tenon's Cyst: Incidence in Indian Population, role of Intraoperative Mitomycin C in Excisional Bleb Revision".
66. Visited Massachusetts Eye and Ear Infirmary from 29th April to 3rd May, 1996.
Topics:
 - 1) Management of Pediatric Glaucoma
 - 2) Phacolytic Glaucoma
 - 3) Encapsulated filtering bleb - etiology and management strategies.
67. Attended 15th C.M.E programme for post graduate students in Ophthalmology held at Sarojini Devi Eye Hospital, Hyderabad, April 1996 and spoke on: " Buphthalmos ".
68. Participated in Glaucoma Update on 20th & 21st July, 1996 at LV Prasad Eye Institute and spoke on the following topics:
 - 1) Surgical Vs Medical management of POAG
 - 2) Congenital glaucoma
 - 3) Glaucoma & Cataract
69. Invited faculty for VI Annual Meeting of the Glaucoma Society of India on 5th & 6th October, 1996, held in Aravind Eye Hospital at Madurai.
Topic:
 - 1) Challenge of childhood glaucoma-Emphasis on early detection, management, visual rehabilitation and quality of life.
Video presentation:
 - 1) Surgical management of late leakage of filtering bleb.
Case presentation:
 - 1) Management of complicated cataract with shallow anterior chamber following glaucoma filtering surgery.
70. Invited faculty for XIth Eastern India Zonal Ophthalmological Conference and XXVIIIth Annual Conference of O.S.W.B. 29th November to 1st December, 1996, Calcutta.
Key note address: Antimetabolites and glaucoma filtering surgery.
Talk:
 - 1) A better way to manage patients with morgagnian cataracts and phacolytic glaucoma.
 - 2) Management of co-existing cataract and glaucoma
 - 3) Management of complicated cataract with shallow anterior chamber following glaucoma filtering surgery.
 - 4) Mastering phacoemulsification and phacotrabeculectomy: my learning curve.
 - 5) Medical and surgical management of encapsulated filtering bleb after glaucoma filtering surgery.
Instruction course:
 - 1) Basics of automated perimetry
 - 2) Interpretation of automated perimetry printouts.

71. Attended Centennial meeting of the American Academy of Ophthalmology, Chicago, October 27-31, 1996 and presented the following posters.
 - 1) Surgical results of combined trabeculotomy-trabeculectomy for Developmental glaucoma.
 - 2) Analysis of medical management and mitomycin augmented excisional bleb revision for encapsulated filtering blebs.
72. Visited Doheny Eye Institute at the University of Southern California from 3-8 November, 1996 and given guest lecture in grand rounds.
Talk: Management of developmental glaucoma in India: My 6 years experience.

Video Presentation:
Primary combined trabeculotomy-trabeculectomy for the management of glaucoma associated with Sturge-Weber Syndrome.
73. Attended Silver Jubilee celebration of Asansol Ophthalmological Society held on 12th January, 1997 and delivered an oration : Dr. Abani Bhattacharya memorial oration
Topic: Recent advances in the diagnosis and management of glaucomas.
74. Attended Indian Eye Research Group Annual meeting at CCMB, Hyderabad on 16th February, 1997 and spoke on:
 - 1) Surgical results & complications of mitomycin-C augmented trabeculectomy in refractory developmental glaucoma.
 - 2) Management of glaucoma in Sturge-Weber syndrome
75. Attended scientific meeting of Eye Bank Association of India, New Delhi on February 19th 1997. Topic: Post keratoplasty glaucoma
76. Attended 55th All India Ophthalmological Society meeting held between 20-23 February, 1997 at New Delhi and presented the following topics:
 - A. Free paper presentation:
 - 1) Glaucoma in Sturge-Weber syndrome
 - 2) Surgical results of combined trabeculotomy- trabeculectomy for developmental glaucoma"
 - 3) Results of clear corneal cataract extraction following glaucoma filtering surgery
 - 4) Mitomycin-C augmented trabeculectomy in congenital glaucoma
 - 5) Phacotrabeculectomy using a limbal-based scleral trabeculectomy flap and phacoemulsification through limbal entry under scleral flap
 - 6) Glaucoma in uveitis : Clinical presentation and management
 - 7) Encapsulated filtering blebs : Analysis of medical management and mitomycin-C augmented excisional bleb revision
 - B. Free paper discussant
 - 1) Risk factors for post penetrating keratoplasty glaucoma
 - C. Instruction course
 - 1) Surgical management of high risk glaucoma antifibrotic agents.
 - D. Video presentation
 - 1) Microsurgical techniques and results of combined trabeculotomy-trabeculectomy in management of congenital glaucoma

- 2) Surgical management and histopathology of Tenon's cyst
 - 3) Phaco-trabeculectomy using limbal based scleral trabeculectomy flap and phacoemulsification through limbal entry under the scleral flap
 - 4) Repair of persistent late leaking filtration blebs
77. Invited faculty for Cataract seminar "Current trends and techniques held at L.V.Prasad Eye Institute on 30th and 31st March, 1997
Topic: Management of coexisting cataract and glaucoma.
78. Invited faculty of Annual meeting of Delhi Ophthalmic Society held on 20th April, 1997.
Topic: Management of Paediatric glaucoma.
79. In house faculty for the "Glaucoma Update" organised by L.V.Prasad Eye Institute on 19th and 20th July, 1997 and presented the following:
Talks:
1) Changing concepts in glaucoma
2) Congenital glaucoma
Video presentation:
1) Repair of late leaking filtration bleb with rotational scleral autograft
2) Clear corneal cataract extraction after trabeculectomy
Case presentation:
1) Series of encapsulated filtering blebs managed by medical and surgical intervention
80. Was an invited speaker for the CME program at Behala Balananda Brahmachary Hospital & Research Centre, West Bengal held on 23rd September, 1997 and spoke on following topic:
Challenging Glaucoma cases and its management.
81. Attended Sub-speciality meeting on Glaucoma held on 25th October, 1997 before the Annual Meeting of Ophthalmology in San Francisco.
82. Attended Annual Meeting of American Academy of Ophthalmology, 1997 held in San Francisco between October 26th to 30th and presented the following:
A. Invited speaker in the Instruction course (Course No.430) on "Surgical Management of Pediatric Glaucomas"
Topic: Primary combined Trabeculotomy-Trabeculectomy for Developmental Glaucoma.
B. Presented a poster in the Scientific Session
Topic: Surgical Results and Complications of Mitomycin C-Augmented Trabeculectomy in Refractory Developmental Glaucomas.
83. Attended Southern Regional Ophthalmological Conference held in Hyderabad between 28th and 30th November, 1997 and presented the following:
1) Invited speaker in the scientific session on "Clinical Challenges" and spoke on "Management of shallow anterior chamber following trabeculectomy"
2) Invited speaker in the scientific session on "Controversies in Ophthalmology" and spoke on the debate "POAG treatment - Drugs or surgery"

- 3) Free paper:
 - i) Phacotrabeculectomy using a limbal-based scleral trabeculectomy flap and phacoemulsification through limbal entry under the scleral flap
 - ii) Free paper in K.Vengal Rao Session:
Primary combined trabeculotomy - trabeculectomy for early onset glaucoma in the Sturge-Weber syndrome and phacomatosis pigmentovascularis.
 - iii) Free paper in V Raghavachar Session:
Simultaneous surgery for bilateral congenital glaucoma (Awarded the best free paper for the session)

84. Invited guest faculty for the Glaucoma symposium on 10th and 11th January, 1998 held in Sri Ganapathi Netralaya at Jalna and presented the following:
 - 1) Management of congenital glaucoma
 - 2) Complications of glaucoma filtering surgery and its management
 - 3) Phaco-trabeculectomy
 - 4) Video presentations
 - i) ECCE + PC IOL in phacolytic glaucoma
 - ii) Paediatric IOL techniques: Importance of in-the-bag implantation and peripheral iridectomy
 - iii) ECCE and PC IOL implantation in patients after trabeculectomy
 - iv) Management of sclerolimbic perforation by donor full thickness scleral patch graft
 - v) Microsurgical technique of combined trabeculotomy- trabeculectomy in the management of congenital glaucoma
 - vi) Reformation of anterior chamber with air bubble injection for the management of over filtration following trabeculectomy

85. Attended 56th All India Ophthalmological Society at Guwahati and presented the following:
 - 1) Instruction Course
 - i) Management of narrow angle glaucoma - Medical, laser and surgical
 - ii) Loopholes in the early diagnosis of POAG
 - iii) Congenital glaucoma: A practical approach to diagnosis and methods to improve the surgical success
 - 2) Free paper
 - i) Simultaneous surgery for bilateral congenital glaucoma: Is it justified?
 - 3) Video
 - i) Surgical management and histopathology of tenon's cyst
 - ii) Congenital glaucoma : An overview for the public
 - 4) P. Siva Reddy Oration: The Developmental Glaucomas
 - 5) Nakajima Session: Trabeculotomy-Trabeculectomy in Sturge-Weber syndrome

86. In house faculty at Cataract Seminar held at L.V. Prasad Eye Institute held on 28th February and March 1st, 1998 and participated in the panel discussion: Extracapsular surgery - Practical issues

87. Invited guest faculty for C.M.E. Course on Glaucoma at Dolphin Nethralaya at Vijayawada on 8th March, 1998 and spoke on:

- 1) Automated perimetry
 - 2) Lasers in POAG - LTP & Others
 - 3) Surgery & Lasers in PCAG
 - 4) Congenital & Infantile Glaucoma
 - 5) Laser trabeculoplasty
88. Attended II International Glaucoma Symposium at Jerusalem, from March 15th to 20th, 1998 and presented the following poster:
 "Primary combined trabeculotomy-trabeculectomy for early onset glaucoma in the Sturge-Weber syndrome and phacomatosis pigmentovascularis"
89. Invited faculty for "Clinical Ophthalmology Update - 1998" conducted by Apollo Hospitals on 12th July, 1998 and spoke on "Glaucoma in Childhood"
90. In house faculty for " Glaucoma Update 1998 " held on 1st and 2nd August, 1998 and presented the following:
- 1) The developmental glaucomas in India
 - 2) Performed "Primary combined trabeculotomy-trabeculectomy for juvenile developmental glaucoma" in the live surgical session held during the meeting.
91. Invited faculty for V Ophthalmological Congress of SAARC countries, at Ahmedabad from 25th to 27th September, 1998 and presented the following:
- 1) Congenital glaucoma
 - 2) Co-ordinator for Free Paper session and also presented free paper on
 - 3) "Phacotrabeculectomy using limbal based scleral trabeculectomy flap and PE through limbal entry under scleral flap
 - 4) Microsurgical technique and results of combined trabeculotomy and trabeculectomy in the management of developmental glaucoma (Video)
 - 5) Primary combined trabeculotomy-trabeculectomy for early onset glaucoma in Sturge- Weber syndrome and phacomatosis pigmentovascularis (Poster)
92. Attended Sub-speciality meeting on Glaucoma 1998: Controversies and Update by American Glaucoma Society on November 7, 1998
93. Attended Annual meeting of American Academy of Ophthalmology held at New Orleans, November 8 - 11, 1998 and presented the following:
- 1) Instruction course:
 Senior instructor: Peter A. Netland, MD, PhD
 Associate instructor: Anil K. Mandal
 Topic: Developmental glaucoma: Diagnosis and management in 1998.
 - 2) Video presentation:
 Microsurgical techniques and results of combined trabeculotomy-trabeculectomy for developmental glaucoma
 (The video was included in the 1998 catalogue of AAO)
 - 3) Poster presentation:
 - i) Primary combined trabeculotomy-trabeculectomy in Sturge-Weber Syndrome (SWS)
 - ii) Mitomycin-C (MMC) trabeculectomy for pediatric glaucoma in aphakia and pseudophakia following congenital cataract surgery

94. Visiting Professor at the Louisiana State University Medical Centre, Shreveport on 12 & 13 November, 1998 and presented the following:
 - 1) The developmental glaucomas in India
 - 2) Role of antimetabolite in encapsulated blebs: Can the cause be the cure?
 - 3) Phacolytic glaucoma
95. Visiting Professor at the University of Tennessee, Memphis on 16 to 20 November, 1998 and presented the following:
 - 1) The developmental glaucomas in India
 - 2) Role of antimetabolite in encapsulated blebs: Can the cause be the cure?
96. Attended XXII Andhra Pradesh Ophthalmological Society meeting held at Vijayawada from 27th to 29th November, 1998 and presented the following:
 - 1) Free paper presentation in the competitive session named after Prof. K.Vengal Rao Award: "Complications related to anaesthesia and endophthalmitis following primary combined Trabeculotomy- Trabeculectomy for developmental Glaucoma; A 8-year review of incidence and outcomes" Selected as the best free paper of the session and won Dr.K.Vengal Rao Award for the year 1998.
 - 2) Free paper presentation in the non-competitive session:
 - i) Surgical results and complications of mitomycin-C Augmented trabeculectomy for neovascular glaucoma
 - ii) Mitomycin-C trabeculectomy for pediatric glaucoma in aphakia and pseudophakia following congenital cataract surgery
 - 3) Invited speaker in the symposium on "Controversies in ophthalmology" held on 29th November, 1998 and presented the following:
 - i) In Indian situation, surgery is the choice of treatment for Open angle glaucoma
 - 4) Received the Dr.V.Raghavachar Medal for the best Scientific paper presented at the Annual Conference of APSOS meeting held in the year 1997.
97. Invited speaker at Nilratan Sircar Medical School & College, Calcutta on 1st to 3rd December, 1998 on the occasion of Golden Jubilee celebration of NRS Medical college and 66 Reunion session of past and present students and presented the following:
 "New born and childhood glaucoma in India"
98. Attended 8th Annual meeting of Indian Eye Research Group held at CCMB, Hyderabad from January 30 - 31, 1999 and spoke on:
 - 1) Complications related to Anesthesia and endophthalmitis following primary combined trabeculotomy-trabeculectomy for developmental glaucoma : A 8-year review of incidence and outcomes
 - 2) Mitomycin C -augmented trabeculectomy following retinal ablation for neovascular glaucoma

99. Guest faculty at Chaithanya Eye Hospital and Research Institute, Thiruvananthapuram on 18th April 1999 and spoke on "Current trends in the management of congenital glaucoma"
100. Invited faculty at Scientific Session at Vijayawada Academy of Ophthalmology held on 24th July 1999 and spoke on
 - 1) Medical management of glaucoma
 - 2) Management of congenital glaucoma
 - 3) Performed live surgical demonstration
101. Invited faculty at IX Annual Conference of Glaucoma Society of India, 21-22 August 1999 and spoke on
 - 1) Congenital glaucoma and glaucoma following cataract surgery
 - 2) Participated in the Interactive session on glaucoma management
102. Invited faculty at Second Congress of Asian-Oceanic Glaucoma Society, Tokyo, Japan October 3 to 6, 1999 and spoke on Complications related to anesthesia and endophthalmitis following primary surgery for developmental glaucoma: A 8-year review of incidence and outcome.
103. Attended Sub-speciality meeting on Glaucoma held on 23rd October 1999 i.e. before the American Academy of Ophthalmology, Orlando, Florida.
104. Attended American Academy of Ophthalmology held at Orlando, Florida from 24 to 27th October 1999 and presented the following:
 - 1) Instruction course: Co-instructor of the following two courses presented on 27th October 1999
 - i) Developmental glaucomas : Diagnosis and management in 1999
 - ii) Encapsulated blebs and leaking blebs after glaucoma filtration surgery: Evaluation and treatment
 - 2) Poster presentation (Co-author) on 26th and 27th October 1999
 - i) Enzymatic sclerostomy : Pilot human study
105. Visiting Professor at the University of Tennessee, Memphis and presented the following in the grand round:
 - 1) Congenital glaucoma
 - 2) Encapsulated blebs
 - 3) Leaking blebs following glaucoma filtering surgery.
106. Invited guest faculty for 14th Eastern India Zonal Ophthalmological Conference held at Jorhat, Assam on November 12, 13 and 14th 1999 and spoke on:
 - 1) Congenital glaucoma
 - 2) Gonioscopy
 - 3) Management of hypermature cataract and phacolytic glaucoma.
107. Attended All India Ophthalmological Society meeting held at Chennai from 6 to 9th January 2000 and presented the following:
 - 1) Instruction course : Developmental glaucomas: Diagnosis and management in the new millennium
 - 2) Instructor for - Emerging trends in corneal transplantation

108. Attended Indian Eye Research Group meeting held between February 5–6th, 2000 and presented the following:
- 1) Safety and efficacy of simultaneous bilateral primary combined trabeculotomy - trabeculectomy for developmental glaucoma
 - 2) Congenital glaucoma and erupted teeth in the new born (natal teeth): A report of 3 cases
109. In house faculty for Cataract Seminar held on 4th and 5th March 2000 and spoke on the following
- 1) Phacoemulsification: Tricky situations
 - 2) Extracapsular cataract surgery
110. Attended 104 annual meeting of the American Academy of Ophthalmology held at Dallas, Texas between October 22 to 25, 2000 and presented the following
- 1) Instruction courses (Associate instructor for both the courses)
 - i) Developmental glaucomas : Diagnosis and management 2000
 - ii) Encapsulated blebs and leaking blebs after glaucoma filtration surgery: Evaluation and treatment
 - Poster presentation (Senior author for both the posters)
 - i) Safety and efficacy of simultaneous bilateral primary combined trabeculotomy-trabeculectomy for developmental glaucoma in India
 - ii) Automated perimetry (AP) in Pediatric glaucomas (PGs)
111. Visited University of Tennessee, Memphis as a visiting professor from 26th October to 1st November, 2000 and presented the following in the grand round
- 1) Developmental glaucomas in India
 - 2) Rare associations of developmental glaucoma
112. Attended 59th All India Ophthalmological Society held at Calcutta between January 4th to 7th, 2001 and presented the following paper:
- 1) Outcome of cataract extraction (CE) with posterior chamber intraocular lens (PC IOL) implantation following glaucoma filtering surgery (GFS)
 - 2) Mitomycin-C (MMC) trabeculectomy for pediatric glaucoma in aphakia and pseudophakia following congenital cataract surgery (Selected as the best paper of the session)
113. Attended 10th Indian Eye Research Group meeting held between 27th and 28th January, 2001 and presented the following:
- 1) Glaucoma associated with microspherophakia: clinical presentation and management
 - 2) Outcome of cataract extraction (CE) with posterior chamber intraocular lens (PC IOL) implantation following glaucoma filtering surgery (GFS)
 - 3) Surgical outcomes of trabeculotomy with trabeculectomy in primary congenital glaucoma of premature infants
114. Invited faculty at the Low Vision Awareness Programme held on 5th and 6th February, 2001 at L V Prasad Eye Institute and spoke on Pediatric glaucoma.

115. Attended XXVI Annual conference of the Indian Society of Human Genetics on February 20 to 22, 2001 at Centre for Cellular and Molecular Biology, Hyderabad, India and was co-author for the following posters:
 - 1) Primary congenital glaucoma associated with Down syndrome like Phenotype and chromosomal abnormality
 - 2) Molecular genetic analyses of primary congenital glaucoma
116. Faculty at Symposium on Childhood Blindness held at LVPEI on 19th and 20th May, 2001 and spoke on the following:
 - 1) Congenital glaucoma: Diagnostic evaluation and differential diagnosis
 - 2) Congenital glaucoma: An integrated approach for management
117. Invited faculty at CME programme entitled “Clinical Ophthalmology Update – 2001” organised by Apollo Hospitals, Hyderabad on 16th and 17th June, 2001 held at Hotel Taj Residency and spoke on “Paediatric glaucoma”
118. Invited faculty for “Late Dr.Gullapalli Venkateswara Rao memorial CME programme on Glaucoma “ organised by Guntur Ophthalmological society on 24th June, 2001 and spoke on the following subjects:
 - 1) Congenital glaucoma
 - 2) Management of co-existing cataract and glaucoma
119. In house faculty for Glaucoma Update – 2001 held between 21st July and 22nd July, 2001 at L V Prasad Eye Institute and spoke on the following
 - 1) Basics of automated perimetry
 - 2) Congenital glaucoma

Performed primary combined trabeculotomy cum trabeculectomy in the live surgical session on 22nd July, 2001.
120. Invited faculty for 1st International Symposium on “Advances in Management of Glaucoma “on 27th to 29th July, 2001 organised by International Academy of Advances in Ophthalmology under the aegis of Bombay Ophthalmologists’ Association and presented the following:
 - 1) Guest lectures:
 - i) Integrated management of developmental glaucoma
 - ii) Management of encapsulated blebs
 - iii) Management of leaking bleb & overhanging bleb
 - iv) Modified simple technique for phacotrabeculectomy
 - 2) Video presentation:
 - i) Exploring the Schlemm’s canal
 - ii) Mitomycin-C augmented excisional bleb revision for encapsulated bleb
 - iii) Hinged partial thickness scleral flap for late leaking bleb
 - iv) Amniotic membrane grafting in the management of overhanging
 - v) Bleb
 - vi) Conjunctival advancement flap with relaxing incision in the management of overhanging bleb
 - vii) Phacotrabeculectomy : A modified simple technique

121. Participated in “Communicating Medical Research” – A One-day symposium for writers and reviewers organised by L V Prasad Eye Institute on 29th July, 2001.
122. Invited faculty for Low Vision Awareness programme II held between 27th and 28th September, 2001 and spoke on “Congenital glaucoma” Integrated management of New born glaucoma
123. Attended 105th Annual Meeting, American Academy of Ophthalmology, November 11 to 14, 2001 at New Orleans, Louisiana and presented the following :
 - 1) Instruction Course :
 - i) Integrated management of new born glaucomas
Senior instructor: Dr.Anil K Mandal, MD
Associate instructor: Dr.Dale K Heuer, MD, Vijaya K Gothwal, B.Opt.
 - ii) Developmental glaucomas : Diagnosis and management 2001
Senior instructor: Dr.Peter A Netland, MD, Ph.D
Associate instructors: Dr.Anil K Mandal, MD, Dr.Johan T.Zwaan, MD,Ph.D
 - 2) Paper presentation:
 - i) Outcome of surgery on infants younger than one month of age with congenital glaucoma
Senior author: Dr.Anil K Mandal, MD
Co-author: Dr.Harmohina Bagga, MD, Rishita Nutheti, M.Sc.
 - 3) Poster presentation:
 - i) Management of residual vision in pediatric glaucoma in India
Senior author: Dr. Anil K Mandal, MD
Co-authors: Srilatha Omana Kesary, B.Opt. Vijaya K Gothwal, B.Opt.
 - 4) Video presentation
 - i) Gonioscopy : Learn and teach
Kalyani Prasad, MD, Chandra Sekhar Garudadri, MD, Anil K Mandal, MD, Santosh G.Honavar, MD
(This video is the recipient of a “Best of Show” award)
124. In house faculty for Low Vision Awareness Program (LAP-3) held between 3rd December, 2001 to 8th December, 2001.
125. Attended Diamond Jubilee Conference of All India Ophthalmological Society meeting held between January 5th to 8th 2002 at Ahmedabad and presented the following:
 - 1) Update
 - i) Developmental glaucomas: Diagnosis and management in 2002
 - 2) Free paper presentation:
 - i) Surgical revision of dysfunctional filtering blebs
 - ii) Outcome of surgery on infants younger than one month age with congenital glaucoma (Selected as the best paper of the session)
 - iii) Surgical outcome of combined trabeculotomy and trabeculectomy in primary congenital glaucoma of premature infants
126. Attended 11th Annual meeting of Indian Eye Research Group held between 19th and 20th January, 2002 at LVPEI and presented the following:

- 1) The genetic etiology of primary congenital glaucoma in pseudo-dominant pedigrees (A Bindu Madhava Reddy, A K Mandal, N Ahmed, S E Hasnain, Shirley G Panicker)
 - 2) Molecular genetic analysis of Axenfeld-Rieger Anomaly in Indian pedigrees (S Srirangan, A B M Reddy, A K Mandal, S E Hasnain, N Ahmed, Shirley G Panicker)
 - 3) Computer based modeling of mutations in Cytochrome – P450 1B1 enzyme causing primary congenital glaucoma (M S Chary, V B Sreenu, Shirley G Panicker, A B M Reddy, D Balasubramanian, S E Hasnain, H A Nagarajaram)
 - 4) Intraocular pressure control and visual outcome in patients with phacolytic glaucoma managed by extracapsular cataract extraction with or without posterior chamber intraocular lens implantation (A K Mandal, Roshmi Gupta)
 - 5) Primary combined trabeculotomy and trabeculectomy for glaucoma in Axenfeld-Rieger syndrome (A K Mandal, Parikh S, Home S, Nutheti R)
127. In house faculty for Uveitis & Intraocular Inflammation seminar held at LVPEI between 23rd and 24th February, 2002 and spoke on “Treatment of glaucoma in uveitis” and co-author for “A study of the Etiology subsequent management and final outcome in glaucoma associated with ocular inflammation”.
128. Invited speaker at CME Ophthalmology Update held on 2nd June, 2002 at Trivandrum and spoke on “Integrated management of childhood glaucomas”
129. Presented the following in 2002 American Society of Cataract and Refractive Surgery (ASCRS) Meeting held in Philadelphia, PA between June 1 to 5, 2002
Video presentation
- 1) Management of traumatic pseudophacocle
 - 2) Exploring Schlemm’s canal
“Exploring Schlemm’s canal was judged as the best film under category of Quality Teaching” The Film Festival Winner Prize was given to the producer (Dr. Anil K Mandal) in a special ceremony held on Monday evening June 3, 2002.
130. In house faculty for Glaucoma Update held between July 13 & 14, 2002 and spoke on Congenital glaucoma.
131. Attended sub-speciality meeting of the American Academy of Ophthalmology held on October 19, 2002 at Orlando, Florida
132. Attended American Academy of Ophthalmology meeting held between October 20 to 23, 2002 at Orlando, Florida and presented the following
- 1) Poster presentation
 - i) Correlation of phenotype with genotype in primary congenital glaucoma in India
Senior author: Shirley G. Panicker Ph.D
Co-authors: Anil K Mandal MD, Aramati B M Reddy, Vijaya K Gothwal
 - ii) Multi-dimensional assessment of parental satisfaction (MAPS) for children with bilateral primary congenital glaucoma (PCG)

- 2) Instruction Course
 - i) Complications following glaucoma filtering surgery: Face them boldly, manage them efficiently
Senior instructor – Anil K Mandal, MD
Associate instructors – Peter A Netland, Dale K Heuer, Eve Higginbotham
Integrated management of newborn glaucomas
 - ii) Senior instructor – Anil K Mandal, MD Associate instructors – Dale K Heuer, Vijaya K Gothwal
 - 3) Paper presentation
 - i) Long term surgical and visual outcomes in children with developmental glaucoma operated within 6 months of birth
Senior author – Anil K Mandal, MD
Co-authors – Prashant G Bhatia, Arumugam Bhaskar, Nutheti Rishita
 - ii) Outcome of cataract extraction (CE) with PC IOL implantation after glaucoma filtering surgery (GFS)
Senior author: Vidya Chelerkar, MS
Co-authors: Anil K Mandal, Sunil S Jain, Rishita Nutheti
 - 4) Video presentation
 - i) Amniotic membrane transplantation for symptomatic overhanging filtering bleb
Senior author – Anil K Mandal, MD
Co-authors – Tarannum Mansoori, Jyoti B Bhende, Geeta K Vemuganti
133. Invited faculty for Glaucoma Society of India held between 9th and 10th November, 2001 and spoke on the following:
- 1) The challenge of childhood glaucoma
 - 2) Congenital glaucoma
134. Invited faculty for Glaucoma symposium organized by Aravind Eye Hospital, Tirunelveli, Kerala held on December 16, 2002 and spoke on the following:
- 1) Neovascular glaucoma – Evidenced based approach
 - 2) Diagnosis and management of paediatric glaucoma
 - 3) Management of dysfunctional bleb
 - 4) Cataract extraction following filtering surgery
135. Attended 61st Annual conference of All India Ophthalmological Society meeting held between 16th and 19th January, 2003 at New Delhi and presented the following
- 1) Instruction courses
 - i) Developmental glaucomas: Diagnosis and management in 2003
Chief instructor – Dr. Anil K Mandal
Faculty – Dr. Devindra Sood
 - ii) Faculty in the Instruction course titled “Allergic eye disease: An enigma for management” (Chief instructor – Dr. V S Sangwan)
Topic of presentation: Steroid induced glaucoma in Allergic eye diseases
 - 2) Video presentation:
 - i) Presented an instruction film entitled “Exploring the Schlemm’s canal” in the Film Festival. **This film won the Best Instruction Film in the film festival.**

- 3) Current status program:
 - i) Course convenor for the Current status program on “Glaucoma filtering surgery – How to achieve a perfect 10”
Topic of presentation:
 - a) Application of antimetabolites
 - b) Video presentation: To prevent shallow anterior chamber following GFS
 - 4) Free papers: Presented the following scientific papers as presenting and first author
 - i) Primary combined trabeculotomy-trabeculectomy for glaucoma in Axenfeld- Rieger anomaly
 - ii) Multi-dimensional assessment of parental satisfaction (MAPS) for children with bilateral primary congenital glaucoma (PCG)
 - iii) Long – term surgical and visual outcomes in children with developmental glaucoma operated within 6 months of birth (This paper was judged as the best Free paper in the sub-speciality of glaucoma. This paper also won Col.Rangachari Award for the Best Paper read at the Special Plenary Session at the 61st All India Ophthalmological Society Conference 2003).
136. Invited speaker at the Regional Workshop organized by International Agency for the Prevention of Blindness held between February 6th and 7th, 2003 at Chittagong Eye Infirmary and Training Complex, Chittagong and spoke on “ Management of Congenital glaucoma: An integrated approach”
137. Invited faculty for “Update on Glaucoma” organized by Shri Ganapati Netralaya, Jalna between 29th and 30th March, 2003 and presented the following topics:
- 1) Invited talks
 - i) Integrated management of congenital / developmental glaucomas
 - ii) Trabeculectomy
 - iii) Complications following congenital filtering surgery
 - iv) Rare pediatric glaucomas
 - 2) Video presentation
 - i) Trabeculectomy with primary air injection to avoid shallow anterior chamber in Wiel-Marchesani syndrome
 - ii) Surgical management of congenital glaucoma in Phacomatosis pigmentovascularis
138. Invited faculty for CME program on glaucoma organized by Ophthalmic Association of Amalapuram, East Godavari District held on 27th April, 2003 and presented the following:
Invited lectures
- 1) Medical management of the glaucomas
 - 2) Congenital glaucoma
139. Attended 12th Indian Eye Research Group (IERG) meeting held between 26th and 27th July, 2003 at LVPEI and spoke on the following:
- 1) Combined trabeculotomy-trabeculectomy as an initial procedure in advanced Glaucoma
 - 2) Functional outcome of initial surgery in 288 consecutive children with primary developmental glaucoma: a 13-year experience.

140. Volunteer faculty of ORBIS for hospital-based program in National Institute of Ophthalmology, Dhaka, Bangladesh between August 09 to 13, 2003. He participated in “hand-on” training of pediatric ophthalmologists at NIO, Dhaka and presented several lectures, videos and participated in group discussions. He also demonstrated the surgical technique of “Combined trabeculotomy-trabeculectomy” on a one-month child with primary congenital glaucoma on 11th August, 2003.

He also delivered an invited lecture on “Integrated management of developmental glaucomas” organised by Bangladesh Academy of Ophthalmology on 13th August, 2003.

141. Invited faculty for Workshop on Glaucoma held on 14th August, 2003 organised by Eye Care and Research Centre, Kolkatta and presented the following:
- 1) Trabeculotomy – Trabeculectomy for congenital glaucoma
 - 2) Unroofing the Schlem’s canal
 - 3) Leaking bleb
 - 4) Management of post-operative shallow anterior chamber
 - 5) Phacotrabeculectomy
 - 6) Long term management of congenital glaucoma: A 13 year experience
142. Invited faculty for Orissa State Ophthalmic Society meeting held in Bhubaneswar on 13th and 14th September, 2003 and presented the following:
- 1) **Delivered Dr. M C Mishra memorial oration for the year 2003** on 14th September, 2003
Topic: Recent advances in the medical management of the glaucomas.
 - 2) Video presentation:
 - i) Trabeculectomy with primary air injection to prevent shallow anterior chamber in Weil-Marchesani syndrome
 - ii) Combined trabeculotomy-trabeculectomy for congenital glaucoma in phacomatosis pigmentovascularis.
 - iii) Modern non-phaco sutureless cataract surgery.
143. Invited faculty for XIII Annual Meeting of the Glaucoma Society of India meeting held between 20th and 21st September, 2003 at Tirunelveli, Madurai and spoke on the following:
- 1) Pathophysiology and Diagnosis of congenital glaucoma 12 year experience in management of congenital glaucoma
 - 2) Co-author for “Molecular genetics of congenital glaucoma in India
144. Organized IX Annual meeting of Association for Parents of Childhood Glaucoma (APCG) on 27th November, 2003 at LVPEI. More than 140 children and parents attended the meeting.
145. Attended Sub-specialty day on Glaucoma on 15th November, 2003 during the Annual meeting of AAO 2003
146. Attended American Academy of Ophthalmology at Anaheim, California between 15th November and 18th November, 2003 and presented the following:

- 1) Invited speaker in the session on International Forum: Controversies and Conundrums
 - i) Anaesthesia: General Vs Ketamine
 - ii) Management of glaucoma in children
 - 2) Instruction course (Senior Instructor – Dr. Anil K Mandal)

Topics: Complications following glaucoma filtering surgery: Face them boldly, manage them efficiently

Associate instructors: Peter A Netland, Dale K Heuer, Eve J Higginbotham, Devindra Sood.
 - 3) Paper presentation
 - i) Topic: Functional outcome of initial surgery in 258 consecutive children with primary congenital glaucoma (PCG)
 - ii) Molecular genetic analysis of primary open angle glaucoma: Role of CYP11B Gene
 - 4) Poster presentation

Topic: Combined trabeculotomy and trabeculectomy as an initial procedure in advanced developmental glaucoma
 - 5) Video presentation

Topic: Surgical management of leaking filtering blebs
147. Attended Sight Saver's International Global Workshop on Planning for Childhood Blindness, Sri Lanka between December 1st and 5th, 2003 and spoke on the following:
- 1) Building up the tertiary level eye care team: where to start and training the team
 - 2) Integrated management of developmental glaucoma
148. Attended 62nd All India Ophthalmological Society meeting held at Varanasi held between 8 to 11th January, 2004 and presented the following: Received Col. Rangachari Award on 8th January, 2004 for the paper on "Long term surgical and visual outcome in children with developmental glaucoma operated within 6 months of birth"
- 1) Film festival on 9th January, 2004
 - i) Amniotic membrane transplantation for symptomatic overhanging filtering bleb
 - Received the best film award
 - ii) Phacotrabeculectomy: A modified surgical technique
 - 2) Free paper presentation on 10th January, 2004
 - i) Improvement in symptoms and visual function after congenital glaucoma surgery in children with bilateral PCG
 - ii) Functional outcome of initial surgery in 288 consecutive children with primary developmental glaucoma : A 13 year experience
 - 3) Instruction course on 11th January, 2004

The pediatric glaucomas: Diagnostic challenges and management
149. Invited faculty for Workshop on Paediatric Ophthalmology held between 7th – 8th February, 2004 at Indore and spoke on the following:
- i) Evaluation and management of paediatric glaucoma
 - ii) Complication of glaucoma surgery and management
- Video presentation
- i) Presented video on interesting cases and operative techniques of glaucoma

150. Invited faculty for Eye Scope 2004 on Pediatric Ophthalmology and Strabismus organized by Bombay City Eye Institute between February 14th & 15th, 2004 at Mumbai and spoke on the following:
Management of Congenital Glaucoma
Video:
Exploring Schlemm's Canal
151. Invited faculty for Clinical Ophthalmology Update organized by Apollo Hospitals, Jubilee Hills, Hyderabad on 14th March, 2004 and spoke on "Congenital glaucoma: My 13 years experience".
152. Invited faculty for Eye advance 2004 held between August 27 – 29, 2004 at Grand Hyatt, Mumbai and spoke on "Congenital glaucoma – My 14 year experience"
153. Attended Bhatnagar Laureate Symposium held on 13th September, 2004 at National Physics Laboratory organized by CSIR and presented the following:
Integrated management of congenital glaucoma
154. Following are the presentations made at XXII Congress of the ESCRS held between September 18 to 22, 2004 at Paris and the videos presented:
- 1) Scleral patch graft for sclero-limbal perforation after enzymatic sclerostomy
 - 2) Pediatric cataract surgery: Advantages of in-the-bag IOL implantation and peripheral iridectomy
 - 3) Trabeculectomy using single apical suture for scleral flap closure
 - 4) Exploring Schlemm's canal
 - 5) Free conjunctival autograft in the management of chronic hypotony when compression sutures fail
 - 6) Amniotic membrane transplantation for symptomatic overhanging filtering bleb
 - 7) Phacotrabeculectomy : A modified simple technique
 - 8) Migration of seton in anterior chamber.
155. Attended American Academy of Ophthalmology meeting held at New Orleans, LA between October 23 to 26, 2004 and presented the following:
- 1) Instruction Course (senior instructor)
Surgical management of co-existing cataract and glaucoma
 - 2) Paper presentation (Senior author)
Surgical management of developmental glaucoma: A 14-year single surgeon monocentric experience
 - 3) Poster presentation:
 - i) Primary combined trabeculotomy –trabeculectomy for early onset glaucoma in Axenfeld-Rieger anomaly (Senior author)
 - ii) Role of CYP1B1 in primary congenital glaucoma: Implications for molecular diagnostics (Co-author)
- Video presentation: (Senior author)
- i) Free conjunctival autograft in the management of chronic hypotony when compression sutures fail
 - ii) Scleral patch graft for sclerolimbic perforation after enzymatic sclerostomy.

156. Invited speaker in Tulane University Medical Centre on 26th October, 2004 and presented the following:
Integrated management of developmental glaucoma
157. Invited speaker for Annual Glaucoma Society of India held at Sri Ganapathi Netralaya, Jalna (Maharashtra) on 20th and 21st November, 2004 and presented the following:
 - 1) Management of developmental glaucoma : An integrated approach
Video assisted presentation
 - 1) Single suture trabeculectomy
 - 2) Surgical management of late leaking bleb.
158. Invited speaker for the 72nd Reunion session held between December 01 and 03, 2004 at Kolkata and spoke on “Management of developmental glaucoma: An integrated approach”.
159. Attended 63rd Annual Conference of All India Ophthalmological Society held between January 13 to 16, 2005 at Bhubaneswar, Orissa and presented the following:
Instruction course:
The pediatric glaucomas: Your children, our efforts and His wishes

Video:
Free conjunctival autograft in the management of chronic hypotony when compression sutures failed.
160. Invited faculty for ARVO-US workshop on Collaborative Research held between February 10 – 15, 2005 and was a thought leader for “Clinical aspects of genetic eye diseases”
161. Attended US-Indo Workshop on Collaborative Research held between April 29 to 30, 2005 and was thought leader for “Clinical aspects of genetic eye disease”
162. Attended ARVO meeting held between May 01 to 05, 2005 and was a moderate for the course “Surgical outcome of primary developmental glaucoma: A single surgeon’s long-term experience from a tertiary eye care center in India.
163. Invited speaker for the CME program held at Sarojini Devi Eye Hospital, Hyderabad held on 22nd May, 2005 and spoke on “Pediatric Glaucoma”
164. In house faculty for the 14th Annual Meeting of Indian Eye Research Group held between July 30 and 31, 2005 and presented the poster entitled “ Glaucoma in Phakomatosis pigmentovascularis”
165. Invited faculty for the International Conference on Paediatric Ophthalmology organised by PBMA’s H.V.Desai Eye Hospital, Pune, on 24th & 25th September 2005 and spoke on “Management of Infantile Glaucoma”.
166. In house faculty for the symposium (LVPEI – LICF SYMPOSIUM) held at LV Prasad Eye Institute on 14th October 2005 and presented a talk titled “Integrated Management of Congenital Glaucoma”

167. Visited Rama Krishna Mission blind boys academy at Narendrapur, West Bengal on 1st December 2005 and had an interaction with the children who are studying in the school for the blind and presented a talk on childhood blindness”
168. Visited Indian Statistical Institute of Kolkata on 1st December and presented a guest lecture on “Integrated Management of Childhood Glaucoma”
169. Attendant 73 Re-union Session of Nilratan Sircar Medical School & college at Kolkata which was held on 1st, 2nd and 3rd December 2005. He participated in the scientific seminar held on 2nd of December and presented a talk on “ The medical mind of Tagore”
170. Visited Shantiniketan of Bolpur in Birbhum district of West Bengal and presented a talk on childhood blindness on accession of international day for disabled persons on 3rd December 2005 “ at Geetanjali hall.
171. Visited Visva-Bharati university at Shantiniketan on 3rd to 5th December and presented a guest lecture on “The medical mind of Tagore” at Rabindra-Bhavana on 4th December 2005.
172. Visited Shyamsundar college at Burdwan district of West Bengal on 6th December 2005 and presented a talk on childhood blindness and congenital Glaucoma.
173. Attended XVth annual conference of Glaucoma Society of India organised by M & J Institute of Ophthalmology on 17th and 18th December, 2005 at Ahmedabad and presented the following.
 - 1) Video presentation on combined Trabeculotomy and Trabeculectomy
 - 2) Invited lecture on Congenital Glaucoma.
174. Visited Sarojini Devi Eye Hospital, Hyderabad on 22nd January, 2006 as a guest faculty and presented a talk on “Challenges in the management of congenital glaucoma”.
175. Attended 64th annual conference of All India Ophthalmological Society meeting held at Bhopal between 9 to 12th February, 2006 and presented the following:
 - 1) Invited speaker for National symposium on “Pediatric Ophthalmology” and presented the following talk:

“Management of congenital glaucoma”
 - 2) Presented a paper in the pediatric ophthalmology session.

Topic: “Glaucoma in phacomatous pigmentovascularis”
 - 3) Invited speaker in the session “What will you do?” and presented a video on the management of intraoperative bleeding during surgery for congenital glaucoma
 - 4) Presented two videos in the film festival session
 - i. Two stage – Management of thin-walled over hanging bleb and cataract
 - ii. A better way to manage phacolytic glaucoma
176. Attended World Ophthalmology Congress 2006 in Sao Paulo, Brazil held in February 19th – 24th 2006 and presented the following.
 - 1) Invited speaker for a session on Prevention of blindness in childhood

- Topic: Congenital glaucoma
- 2) Invited speaker for a session on Treatment of glaucoma surgical complications and spoke on management of leaking blebs and overhanging blebs.
 - 3) Invited speaker and one of the chairpersons for the session “Update on pediatric glaucomas” and presented “combined trabeculotomy and trabeculectomy and simultaneous bilateral surgery”
177. Invited speaker for VIIth Annual Conference of All Tripura Ophthalmological Society held at Tripura, Agartala on 16th July, 2006 and presented the following:
Integrated Management of congenital glaucoma
178. Invited speaker for 15th Indian Eye Research Group (IERG) meeting held between 29th and 30th July, 2006 at LVPEI and spoke on the following:
Surgery for primary developmental glaucoma (PDG): The LVPEI experience during 1991-2001
179. Invited speaker for XX Annual Conference of NZOS held between 28 – 29th October, 2006 at PGI, Chandigarh and spoke on the following:
- 1) A single surgeon’s long-term experience from a tertiary eye care centre in India
 - 2) Integrated management of congenital glaucoma
180. Attended American Academy of Ophthalmology meeting held at Las Vegas, Nevada between November 11 to 14, 2006 and presented the following:
- 1) Instruction Courses (senior instructor)
 - i. Management of Secondary Developmental Glaucoma and Syndromes with Associated Glaucoma
 - ii. Complications Following Glaucoma Filtering Surgery: Face Them Boldly, Manage Them Efficiently
 - iii. The Pediatric Glaucomas: Diagnostic Challenges and Management Options
 - 2) Poster presentation:
 - i. Myopia in patients with Primary Developmental Glaucoma
 - ii. Primary combined Trabeculotomy-Trabeculectomy for Glaucoma in Children with Phacomatosis Pigmentovascularis
 - iii. Surgery for Primary Developmental Glaucoma: The Indian Experience during 1991-2001
181. Invited faculty for the 17th Workshop on Glaucoma “From Basics to Advanced Management” organised by Eye Care & Research Centre, Kolkata on 18th & 19th November 2006 and spoke on Congenital Glaucoma.
182. Attended SEAGIG Chennai 2006 (South East Asia Glaucoma Interest Group) on 1st to 3rd December, 2006 at Chennai and presented the following.
- 1) Video presentation on Trabeculotomy
 - 2) Invited lecture on Post Congenital Cataract Surgery Glaucoma
- In addition, 18 edited surgical videos of Dr. Mandal were presented in the same meeting
183. Attended 65th annual conference of All India Ophthalmological Society meeting held at Hyderabad between 1 to 4th February, 2007.
- 1) Co-Chairman for the free session and discussant for 4 free papers in glaucoma

- i. Trabeculectomy with releasable sutures in primary glaucoma
 - ii. Role of Ahmed Glaucoma Valve in intractable glaucomas: A preliminary study
 - iii. Ultrasound biomicroscopy in primary angle closure – The effect of Pilocarpine and NDYAG iridotomy on the angle
 - iv. Comparison of optic disc parameters ad measured on telecentric fundus images and the scanning laser ophthalmoscopy in a population based study – The central India eye and medical study (CIEMS)
- 2) Video presentation on:
 - i. Manual sutureless small incision cataract surgery in phacolytic glaucoma
 - ii. Management of intracameral bleeding during surgery for infantile glaucoma
184. Invited faculty for conference of **“Shanti Swarup Bhatnagar Awardees”** organised by Devi Ahilya University, Indore held between 8 to 10 March, 2007 and spoke on “The Integrated management of new born glaucoma”.
185. Visited Saha Institute of Nuclear Physics, Kolkata on 8th May, 2007 and delivered a Colloquium Lecture on “Integrated management of new born glaucoma”
186. Visited Bose Institute, Kolkata on 11th May, 2007 and delivered a lecture on "One child goes blind every minute".
187. Invited faculty for the symposium on glaucoma “Glaucoma for all” organised by Krishna Institute of Medical Sciences, Hyderabad on 10th June 2007 and spoke on Integrated approach in management of congenital glaucoma.
188. Invited faculty for World Glaucoma Congress organized by The Association of International Glaucoma Societies, held in Singapore between July 18th – 21st 2007 and presented the following.
 - 1) Chairperson of a symposium on Pediatric glaucoma and presented the following topic:

“Trabeculectomy/Trabeculotomy in the management of congenital glaucoma”
 - 2) Chairperson for the instruction course on “Congenital and infantile glaucoma and presented the following topic:

“Indian perspective in the management of developmental glaucoma”.
 - 3) Chairpersons for the instruction course on “Pediatric glaucoma surgery” and presented the following:

“Integrated management of developmental glaucoma”.
 - 4) Invited speaker for the mini symposium conducted by Glaucoma Society of India and presented on the following
 - i. Acute hydrops in a child with primary congenital glaucoma
 - 5) Poster presentation (Co-author)
 - i. Identification of FOXC1 variations in Indian primary congenital glaucoma (PCG) cases
 - ii. Understanding the involvement of the CYP1B1 Promoter in primary congenital glaucoma
 - 6) Invited speaker for surgical grand rounds and presented the following topic:

“Exploring the Schlemm’s canal in the management of developmental glaucoma”

189. Invited faculty for 16th annual meeting of Indian Eye Research Group organized by LV Prasad Eye Institute, held on 28th and 29th July 2007 and presented on the following
- 1) Fifteen year incidence of blindness from primary developmental glaucoma at a single tertiary eye care center in India.
 - 2) Co-author for the presentation on “presenting signs and symptoms in Indian children with primary developmental glaucoma (PDG).
190. Invited faculty for National Symposium on Childhood Blindness organised by Government of India held at Bhubaneswar Eye Institute, Bhubaneswar on 10th October, 2007 and spoke on Developmental Glaucoma.
191. Invited faculty for the “Glaucoma Symposium” organised by Lions Club of Hyderabad, Sadhuram Eye Hospital on 4th November, 2007 and presented the following.
- 1) Surgical Management of Congenital Glaucoma
 - 2) Congenital Glaucoma: Interesting cases
192. Visited Tulane University Medical Center in New Orleans on 9th November, 2007 and presented the following lecture in the grand rounds.
- 1) Management of developmental glaucoma: Indian perspective
 - 2) Surgical management of infantile glaucoma with acute corneal hydrops
193. Attended the subspeciality day meeting “Glaucoma 2007: Achieving balance on 10th of November, 2007 during the American Academy of Ophthalmology meeting in New Orleans.
194. Attended American Academy of Ophthalmology meeting held at New Orleans, Louisiana between November 10 to 13, 2007 and presented the following:
- 1) Instruction Courses (senior instructor)
 - i. Management of Secondary Developmental Glaucoma and Syndromes with Associated Glaucoma
 - ii. The Pediatric Glaucomas: Diagnostic Challenges and Management Options
 - 2) Poster presentation (Co-Author)
 - i. Fifteen-year incidence of blindness from primary developmental glaucoma at a single tertiary eye care center
 - ii. A clinical study of spherophakia
 - 3) Video presentation:
“Surgical Management of Infantile Glaucoma with secondary corneal hydrops”
This video was selected for inclusion in the “front row view” and the academy included this video in the DVD for academic purpose and it was on the sale.
195. Invited faculty for the XXXVIII Annual Conference of Ophthalmological Society of West Bengal held in Malda on 24th and 25th November, 2007 and presented the prestigious “Major S. C. Dutta Memorial Oration” and the topic oration was “The Developmental Glaucoma in India: Your children, our efforts and His wishes”.
196. Invited faculty for the pediatric symposium “Eye on the Future” organised by LV Prasad Eye Institute on 1st and 2nd December, 2007 and presented the following.

- 1) Management of pediatric glaucoma
197. Invited faculty for the Glaucoma Communiqué 2007, X VIIth annual conference of the Glaucoma Society of India on 7th, 8th and 9th December, 2007 held at Kolkata and presented the following.
- 1) Congenital glaucoma (including video)
 - 2) Poster presentation (Co-author): Presenting symptoms and signs in Indian children with primary developmental glaucoma (PDG).
 - 3) Received “Pascal Video Award” for the best video in the category of Management of Glaucoma
198. Attended 66th annual conference of All India Ophthalmological Society meeting held at Bangalore between 31st January to 3rd February, 2008 and presented the following.
- 1) Free paper: Fifteen Year Incidence of Blindness from Primary Developmental Glaucomas at a Single Tertiary Eye Care Center
 - 2) Instruction course: The Pediatric Glaucomas: Diagnostic Challenges and Management Options
 - 3) Sub-speciality management of complex pediatric eye diseases: Management of Pediatric Glaucoma
199. In house faculty for the “Glaucoma Update” held at L V Prasad Eye Institute in satellite connection with L V Prasad Eye Institute, Bhubaneswar and L V Prasad Eye Institute, GMR Varalakshmi Campus, Visakhapatnam on 8th and 9th March, 2008 and presented the following.
- 1) Early Surgery in Primary Open Angle Glaucoma
 - 2) Management of Pediatric Glaucoma
 - 3) Video
 - i. Trabeculotomy with Trabeculectomy in Pediatric Glaucoma
 - ii. Repair of Bleb Leak
200. Invited faculty for the 59th Annual conference of Delhi Ophthalmic Society held on 29th and 30th March, 2008 and presented the following.
- Keynote address: Management of acute hydrops in infantile glaucoma
201. Invited faculty for Glaucoma ‘Fourtified’ 2008 held at Bengaluru organised by Karnataka Ophthalmological Society and Nethradhama on 31st August, 2008 and presented the following.
- 1) Combined Trabeculotomy and Trabeculectomy as live surgical demonstration
202. Invited faculty for the workshop on pediatric glaucoma at Eye hospital of Ho Chi Minh City, Vietnam from 8th to 11th of September, 2008 and attended the 30th Anniversary of the Eye Hospital of the Ho Chi Mihn City and presented the following.
- 1) Diagnostic evaluation and differential diagnosis of primary congenital glaucoma (8th September)
 - 2) Secondary developmental glaucoma and syndromes associated with glaucoma (9th September)
 - 3) Integrated management of the developmental glaucomas (10th September)

- 4) Performed live surgical demonstration on congenital glaucoma and assisted surgeons of the Eye Hospital for performing surgery on congenital glaucoma
203. Invited speaker for the Annual Meeting of the Vietnamese Society of Ophthalmology held at Eye hospital of Ho Chi Minh city, Vietnam held on 11th and 12th September, 2008 and spoke on:
 - 1) Longterm surgical outcome of congenital glaucoma: A single surgeon's experience from an tertiary eye care center in India.
204. Invited speaker for the "13th R.K. Seth Memorial Symposium on Glaucoma held on 2nd October, 2008 at Venu Eye Institute & Research Centre, New Delhi and spoke on:
 - 1) Differential Diagnosis in Childhood Glaucoma.
205. Invited faculty for X VIIIth annual conference of the Glaucoma Society of India held between 31st October to 2nd November, 2008 at Chandigarh and chaired for the following plenary lecture.
Topic: Pediatric Glaucoma Surgeries
206. Attended American Academy of Ophthalmology meeting held at Atlanta between November 8 to 11, 2008 and presented the following:
 - 1) Instruction Courses (senior instructor)
 - i. The Management of Neovascular Glaucoma in 2008
 - ii. The Developmental Glaucomas: Diagnostic and Management in 2008
 - 2) Poster presentation
 - i. Surgical Outcome of Trabeculotomy-Trabeculectomy in Glaucoma with Sturge-Weber Syndrome and phacomatosis pigmentovascularis (Senior Author)
 - ii. Long-term Surgical Outcome of Glaucoma in Aniridia (Co-Author)
 - iii.
207. Attended Asia ARVO meeting held at HICC, Hyderabad between 14 to 18, January, 2009 and participated in the following.
 - 1) Moderator for the symposium (SYM27)
Topic: Medical Management of Glaucoma
 - 2) Scientific Poster
Surgical Outcome of Infantile Glaucoma with Acute Corneal Hydrops
 - 3) Asia ARVO SIG Symposium
Topic: Congenital Glaucoma
 - 4) GSI Symposium at Asia ARVO
Topic: Visual Rehabilitation in Congenital Glaucoma
208. Invited speaker for Indian Association of Community Ophthalmology (INACO) meeting held on 1st May, 2009 at LV Prasad Eye Institute, Bhubaneswar and delivered a key note address on "An Overview of Glaucoma".
209. Visited National Institute for Micro, Small, and Medium Enterprises, an organization of the Ministry of MSME, Govt. of India on 18th June, 2009 and delivered a guest lecture on Creating Awareness for Glaucoma in the Society.
210. Invited faculty for World Glaucoma Congress organized by World Glaucoma Association, held in Boston between July 8th – 11th 2009 and presented the following.
 - 1) Instruction Courses – Chair person

- i. Congenital glaucoma and Infantile glaucoma – Course 04
 - ii. Pediatric Glaucoma Surgery – Course 23
- 2) Poster presentation:
 - 211. Participated in the Indo-Brazil Joint Research project entitled “Genetic and Phenotypic Comparison of Primary Congenital Glaucoma in India and Brazil” held in São Paulo, Brazil, from July 13th to 17th.
 - 212. In house faculty for the “EyePep” held at L V Prasad Eye Institute in satellite connection with L V Prasad Eye Institute, Bhubaneswar and L V Prasad Eye Institute, GMR Varalakshmi Campus, Visakhapatnam Between 23rd to 26th September, 2009 and presented the following.
 - 1) Surgical Management of Glaucoma and Complications of Surgery
 - 2) Chairperson in Glaucoma Grand Rounds
 - 213. Attended 68th Annual Conference of All India Ophthalmological Society meeting held at Kolkata between 21st to 24th January, 2010 and presented the following.
 - 1) Chief Instructor for the instruction course on “The Pediatric Glaucomas: Diagnostic Challenges and Management Options”
 - 2) Paper presentation: Glaucoma in Microspherophakia
 - 214. Invited speaker for the Eye On Future’ 2010, the Annual Pediatric Ophthalmology and Strabismus Update held on 20th and 21st February, 2010 at LV Prasad Eye Institute, Vishakhapatnam and presented the following.
 - 1) Primary and Secondary Developmental Glaucomas
 - 2) Surgical Management of Congenital Glaucoma
 - 215. In house faculty for ‘Glaucoma Update’ organized by LV Prasad Eye Institute, Hyderabad held on 7th March, 2010 and presented the following talk:
 - 1) Trabeculectomy and it’s complications
 - 216. Visited Institute of Salah Aziz for attending a meeting called Indo-Tunisian Project on Genetics of Primary Congenital Glaucoma. Dr.Subhabrata Chakrabarti and myself spent one week time between 21 – 26 June, 2010 and discussed about the collaboration and spoke on the clinical aspects of the disease stressing the importance of identifying the true phenotype
 - 217. Invited faculty for “Suryodaya Glaucoma Update” at Suryodaya Eye Centre, CMRI Kolkata held on 12th September, 2010 and presented the following:
 - 1) Live Surgery: Trabeculectomy with Trabeculotomy Phaco-trabeculectomy
 - 2) Trabeculectomy
 - 3) Twenty years of Trabeculectomy with Trabeculotomy
 - 4) SICS trabeculectomy
 - 218. In house faculty for Eye-PEP meeting held between 23 – 26th September, 2010 held at LV Prasad Eye Institute, KAR campus and presented the following.
 - 1) Complications of Glaucoma Filtering Surgery
 - 2) Congenital Glaucoma: 20 Years Experience

219. Invited speaker for “Eye2future” 34th Annual Conference of Andhra Pradesh Ophthalmological Society meeting held between 1 – 3 October, 2010 at Hyderabad and participated in the following.
 - 1) Chairperson for the symposium on Glaucoma Management and presented the following:
 - I. An overview of the management of the pediatric glaucoma.
 - 2) Video presentation on “20 years of comprehensive care for Children with Congenital Glaucoma” at Dr Swarup’s Video Session and won best video award.
220. Attended American Academy of Ophthalmology meeting and Sub Speciality Day program held at Chicago between November 16 to 19, 2010 and presented the following:
 - 1) Instruction courses
 - I. Etiology and Management of Neovascular Glaucoma in 2010
 - II. Complications Following Glaucoma Filtering Surgery: Face Them Boldly, Manage Them Efficiently
 - 2) Poster presentation
 - I. Surgical Outcome of Primary Combined Trabeculectomy-Trabeculotomy in Glaucoma With Sturge-Weber Syndrome
221. Invited faculty for 1st International meeting on Community Ophthalmology held in Kolkata between October 29 to 31, 2010 and presented the following:
 - 1) Moderator for the Symposium on Glaucoma and presented Key Note Address on Congenital Glaucoma.
222. Invited faculty for 5th International Congress on Glaucoma Surgery held in New Delhi between November 11 – 13, 2010 and presented the following.
 - 1) Presentation of Video titled “Primary Combined Trabeculotomy-Trabeculectomy in a Child of Infantile Glaucoma with Acute Hydrops”.
 - 2) Presented in the plenary session and talked on “Long-term outcome of Trabeculotomy-Trabeculectomy in Primary Congenital Glaucoma.
 - 3) Presented a instruction course on “Pediatric Glaucoma: Our combined experience” as one of the course leaders.
223. Invited faculty for 20th Annual Conference of Glaucoma Society of India held in New Delhi on 14th November, 2010 and participated in the panel discussion on surgical management of glaucoma.
224. Attended 69th annual conference of All India Ophthalmological Society meeting held at Ahmedabad between 3 – 6 February, 2011 and presented the following.
 - 1) Free Paper
Surgical outcome of early onset glaucoma in Axenfeld-Rieger’s (AR) Syndrome
 - 2) Video presentation
 - I. Twenty years of comprehensive care for Children with congenital glaucoma
 - II. Surgical management of a complicated cataract following trabeculectomy in an 85 year old patient
 - 3) Instruction course
Holistic Care for Children with Congenital Glaucoma - Chief Instructor

225. Invited speaker for awareness program on glaucoma conducted by Developmental authority of Shantiniketan and Sriniketan, Bolpur on 18th February, 2011 and the program was a grand success.
226. In house faculty for Glaucoma Update held in LV Prasad Eye Institute on 6th March, 2011 and presented the following.
“Management of congenital glaucoma”.
227. Invited faculty for Pediatric Glaucoma Clinical Meeting held at Galle Face Hotel, Colombo organized by The College of Ophthalmologists of Sri Lanka held on 5th June, 2011 and presented the following.
“Management of Congenital Glaucoma”
228. Invited faculty for World Glaucoma Congress held in Paris, France between June 29 to July 2, 2011 and presented the following:
- 1) Oral presentation
 - I. Chairperson for the instruction course on congenital and infantile glaucoma and presented a talk on combined Trabeculotomy-trabeculectomy.
 - II. Chairperson for the session on WGA Surgery day for childhood glaucoma and presented a talk on long term results and visual outcome.
 - III. Chairperson for the symposium on pediatric glaucoma and presented a talk on combined Trabeculotomy-trabeculectomy.
 - 2) Video presentation
 - I. Twenty years of comprehensive care for children with congenital glaucoma
 - II. Surgical outcome of early onset glaucoma in children with Axenfeld Rieger Anomaly.
 - III. The differential diagnosis of Descemet’s tears (Haab’s Striae) and surgical outcome of infantile glaucoma presented with acute hydrops.
“The last two videos were considered as the best of show”
 - 3) Co-author for the following poster
“The Clinical Experience and Surgical Outcome in Treating Patients of Phacomatosis Pigmentovascularis with Glaucoma at a Tertiary Eye Care Centre”
229. Invited guest faculty in the Centro de Oftalmologia Especializada in Rio, Brazil and presented a talk on “Twenty years experience on congenital glaucoma”
230. Invited faculty for department of ophthalmology in University of Campinas, Sao Paulo, Brazil and presented a talk on “Comprehensive care for children with developmental glaucoma”.
231. Invited guest faculty for the 30th Annual CME programme 2011 on 18th July, 2011 at Sarojini Devi Eye Hospital and presented the following.
“Long term management and follow-up of children with developmental glaucoma”

232. Invited faculty for the CME program held on 28th August, 2011 at Hotel Green Park organized by Hyderabad Ophthalmic Association and spoke on the following subject:
“Step by step Trabeculectomy”.
233. In house faculty for Eye-PEP meeting held between 4th – 11th September, 2011 held at LV Prasad Eye Institute, KAR campus and presented the following.
3) Congenital Glaucoma:
234. Attended a multidisciplinary consultative meeting (Developing Operational guidelines for “Developmental screening and Early Intervention Services (0-3 years)” For Indian Newborns discharged from the health facility) held at Raichak, West Bengal held between 24 – 26 January, 2012 and delivered a talk on “Newborn Glaucoma”.
235. Invited faculty for Fusion 2012 (International Masters Course) held at Hyderabad International Convention Centre, Hyderabad between 12-14 February, 2012 and presented the following:
“Overview of congenital glaucoma management”.
Video
The Differential Diagnosis Of Descemet's Tears (Haab's Striae)
And Surgical Outcome Of Infantile Glaucoma Presented With Acute Corneal Hydrops (**Won best video award**)
236. In house faculty for Glaucoma Masters Course held on 11th March, 2012 at LV Prasad Eye Institute, Hyderabad and participated in different panel discussions and presented the following talk.
“Congenital glaucoma – my 25 years of journey”
237. Invited faculty for Evidence 2012 on the occasion of 25th Anniversary of LV Prasad Eye Institute held at Hyderabad International Convention Centre, Hyderabad between 31st May to 3rd June, 2012 and presented the following:
“Live surgical demonstration of Combined Trabeculotomy-Trabeculectomy on a 6 month old child presented with congenital glaucoma” on 3rd June, 2012.
Oral presentation on
1) Holistic care for Children with Glaucoma
2) Diagnosis of Pediatric Glaucoma (Panel discussion)
3) Surgical Management of Pediatric Glaucoma (Panel discussion)
4) Trabeculectomy – Complications and Management
238. In house faculty for Glaucoma Update organized by LV Prasad Eye Institute, Bhubaneswar on 21st and 22nd July, 2012.and presented the following topic:
1) How can you improve the outcome of Trabeculectomy?
2) Recent advances in the management of Developmental Glaucoma
239. Attended the Indian Eye Research Group meeting organized by LV Prasad Eye Institute on 28th and 29th July, 2012 and presented the following topic:
“A twenty-year follow-up study of Primary Developmental Glaucoma (PDG): The LVPEI experience

240. Invited faculty for subspecialty workshop on glaucoma organized by Delhi Ophthalmological society on 5th August, 2012 and presented the following:
“Management of pediatric glaucoma”
241. Invited faculty for Hyderabad Ophthalmologist’s Association meeting held on 19th August, 2012 and presented the following:
 - 1) Role of CAI in the management of adult and pediatric glaucoma
 - 2) Improving outcomes in Trabeculectomy
242. In house faculty for CME program organized by LV Prasad Eye Institute, Hyderabad on behalf of National Rural Health Mission on 25th September, 2012 and presented the following.
“Glaucoma in infants”
243. In house faculty for EYE-Pep 2012 organised by LV Prasad Eye Institute, Hyderabad held between 30th September to 7th October, 2012 and presented the following:
 - 1) Trabeculectomy that works
 - 2) Developmental Glaucoma
244. Invited faculty for 22nd Annual Conference of the Glaucoma Society of India (Glaucos 2012) organized by Aravind Eye Hospital, Coimbatore held between 5 – 7 October, 2012 and presented the following:
“Advances in the surgical treatment of congenital glaucoma”
245. Attended APAO-AIOS 2013 held at Hyderabad International Convention Centre, Hyderabad between 17-20 January, 2013 and presented the following:
 - 1) Instruction course on “The Developmental Glaucomas: Diagnosis and Management in 2013.
 - 2) Co-chairperson for the symposium on “The optic nerve head complex”
 - 3) Co-author for the following posters
 - i. Cataract in Nanophthalmic eyes: Management and outcomes
 - ii. Prospective evaluation of signs and symptoms at presentation, ocular biometry and anterior segment imaging in congenital & developmental glaucoma.
 - 4) Videos: Management of congenital glaucoma associated with steeper syndrome
246. In house faculty for Glaucoma Basic Masters Course held on 17th March, 2013 at LV Prasad Eye Institute, Kode Venkatadri Chowdary Campus, Vijayawada and presented the following:
 - 1) Techniques of trabeculectomy and combined cataract and glaucoma surgery
 - 2) Management of complications of glaucoma filtering surgery
 - 3) How to evaluate and manage childhood glaucoma
247. Attended 5th World Glaucoma Congress held in Vancouver, Canada between 17-20th July, 2013 and presented the following:

- 1) Co-Leader in the consensus meeting on Surgery of Childhood Glaucoma and attended the whole meeting
 - 2) Invited faculty for the instruction course on The Management of hnhbbj
248. Invited faculty for anterior segment update 2013 organised by Hyderabad Ophthalmologist's Association held on 8th September, 2013 and chaired a scientific session on glaucoma and presented the following.
- 1) Medical therapy of childhood glaucoma
 - 2) Presented video on 'Exploration of Schlemm's canal and primary combined Trabeculotomy-trabeculectomy (CTT) for developmental glaucoma – a twenty year experience'

249. Attended Annual meeting of American Academy of Ophthalmology held at New Orleans between 16 – 19 November, 2013 and presented the following:
- Instruction courses:
- 1) The Developmental Glaucomas: Diagnosis and Management in 2013
 - 2) Complications Following Glaucoma Filtering Surgery: Face Them Boldly, Manage Them Efficiently
 - 3) The Management of Neovascular Glaucoma in 2013

Poster presentation: 2 (First author in both eye)

- 1) A Twenty-Year Follow-up Study of Primary Developmental Glaucomas: The Experience of a Single Surgeon at a Tertiary Eye Care Center in Southern India
- 2) Surgical Outcome of Infantile Glaucoma Presented With Acute Corneal Hydrops

In addition I had an invited lecture at the Tulane University Medical Centre where I spoke about my 25 years of experience in the management of pediatric glaucoma.

Participated consensus meeting on childhood glaucoma held in Vancouver and the consensus book has been published during the AAO 2013 meeting in New Orleans held in November 2013. He is the co-author of the chapter on surgical management (Chapter 5).

250. Invited faculty for West Java Indonesian Ophthalmologist Association Annual Scientific Meeting held between 7-9, March 2014 at Bandung, Indonesia and presented the following:
- 1) Instruction course on: Comprehensive management on congenital glaucoma on 7th March between 9 am - 12 noon.
251. Invited faculty for 24th Annual Conference of Glaucoma Society of India, Eyefest 2014 held between 12-14, September, 2014 and presented the following:
- 1) Gonioscopy in children
 - 2) Keynote lecture on congenital glaucoma: clinical scenarios
 - 3) Chairperson of a session titled "The glaucoma potpourri)
 - 4) Video presentation on "The surgical management of a child with newborn glaucoma and imperforate pupil.

- 5) Co-author of two posters presented
252. Attended Annual meeting of American Academy of Ophthalmology held at McCormick Place, Chicago, IL, Oct. 18 – 21, 2014 and presented the following:
Instruction course:
 Complications Following Glaucoma Filtering Surgery: Face Them Boldly, Manage Them Efficiently
Poster presentation:
 Congenital Glaucoma Surgery Improves Caregivers' Quality of Life
253. Invited faculty for the Scientific Meeting "The Art and Science of Glaucoma" organized by Hyderabad Ophthalmologist's Association at Hyderabad on 8th March, 2015 and presented the following:
 "Management of congenital glaucoma"
254. Attended 1st Telangana Ophthalmic Society meeting, Karimnagar, June 19 -21, 2015 and presented the following:
 Instruction course:
 Chairman of the instruction course titled "Congenital corneal clouding" on June 21, 2015.
255. In house faculty for 22nd Annual Meeting of Indian Eye Research Group held on July 25 & 26, 2015 and presented the following:
 1) Chairperson for the session on Functional vision, vision rehabilitation and glaucoma on July 26, 2015 and presented a special talk on Surgical management of primary congenital glaucoma.
 2) Co-author of the poster presented on July 26, 2015 titled "Manual small incision cataract surgery (MSICS) combined with trabeculectomy: Visual and intraocular pressure outcome
 3) Evaluated all the posters presented on July 26, 2015 in poster session 2.
256. Invited faculty for Silver Jubilee Celebration and annual meeting of Glaucoma Society of India held between 2 - 4 October, 2015 at Mumbai and presented the following:
 1) Co-chair of the instruction course on 'Childhood glaucoma' on 3rd October, 2015 and presented on the topic "Pearls for accurately localizing the Schelmm's canal in a stretched limbus".
 2) Invited speaker for the symposium titled "Managing with surgery – The skills, The trials and The Tribulations and spoke on the topic "Surgical approaches for pediatric glaucoma".
257. Attended Annual Meeting of American Academy of Ophthalmology held in Las Vegas, November 14- 17, 2015 and presented the following:
 Poster presentation
 1) Manual small incision cataract surgery combined with Trabeculectomy: Visual and IOP outcomes (Presenting author)
 2) Outcome of penetrating keratoplasty in cases of Primary congenital glaucoma: Two decades of our experience (Co-author)
 Video presentation
 1) New born glaucoma with imperforate pupil (Presenting author)

- 2) Scleral patch graft for management of late leaking filtering bleb (Co-author)
258. In house faculty for EYE-Pep 2015 organised by LV Prasad Eye Institute, Hyderabad held between 24 – 29, November 2015 and presented the following:
“Congenital glaucoma: The challenge tackled”
259. Attended 74th Annual conference of All India Ophthalmological Society meeting held at Kolkata between 25 – 28 February, 2016 and presented the following.
- Instruction Courses:**
- 1) Chief instructor for the course titled “Neonatal corneal clouding: Differential diagnosis and management of newborn glaucoma”
 - 2) Co-instruction of the course titled “Management of coexisting cataract and glaucoma: tips, tricks and tactics”
260. In house faculty for Glaucoma Basic Course “Glaucoma the KNOWN and the UNKNOWN” held at LV Prasad Eye Institute, Hyderabad on March 6, 2016 and presented the following:
- 1) Trabeculectomy: surgical technique\
 - 2) Manual SICS+PCIOL
261. Attended 23rd Annual meeting of Indian Eye Research Group (ARVO-India Chapter) held in Hyderabad between July 30&31, 2016 and presented the following:
Co-author of the following posters:
- 1) The potential regulation of *CYP11B1* by transcription factors *PBX1* and *GATA1* in primary congenital glaucoma (Won the best poster award)
 - 2) Precision and accuracy of ICare PRO tonometer in eyes with paediatric glaucoma with scarred corneas
262. Attended 2nd Annual Meeting of Telangana Ophthalmological Society held in Hyderabad between 5-7 August, 2016 and presented the following:
- A) Master’s course on Developmental Glaucoma (Chair person and presenter)
 - B) Skill Transfer course on Glaucoma
 - C) Video presentation titled “Exploration of Schelmn’s canal and primary combined Trabeculotomy-Trabeculectomy (CTT) for developmental glaucoma – A 21 year experience”.
 - D) Poster presentation – Co-author for the poster titled “Precision and accuracy of ICare PRO tonometer in eyes with paediatric glaucoma with scarred corneas
263. In house faculty for EYE-Pep meeting held between 19 to 25 September, 2016 at LV Prasad Eye Institute, Hyderabad and presented the following:
A lecture on “The pediatric glaucomas”
264. Attended Annual Meeting of American Academy of Ophthalmology held in Chicago, IL, October 15- 18, 2016 and presented the following:

Instruction Course – Senior instructor

Title: Concise Review in 2016: The Developmental Glaucomas

Poster presentation

- 1) Glaucoma in Phacomatosis Pigmentovascularis (PPV): A review of 24 patients over a period of twenty years – Anil K Mandal
- 2) Health-Related Quality of Life following Treatment for Congenital Glaucoma: Findings of the LVPEI Congenital Glaucoma – Anil K Mandal, Bharani Seelam, Vijaya K Gothwal
- 3) Long term Caregiver's quality of life following congenital glaucoma surgery – Vijaya K Gothwal, Bharani Seelam, Anil K Mandal
- 4) Genotype-Phenotype Correlations in a Large Cohort of Unilateral Primary Congenital Glaucoma – Subhabrata Chakrabarti, Anil K Mandal, Meha Kabra, Mohammad H Ali, Senthil Sirisha, Inderjeet Kaur

Video presentation:

- 1) Exploration of Schlemm's canal and primary combined Trabeculotomy-trabeculectomy (CTT) for developmental glaucoma – a twenty one year experience – Anil K Mandal
- 2) Differential diagnosis of Descemet's Tears and Surgical outcome of Infantile Glaucoma with Acute Corneal Hydrops – Anil K Mandal

265. Attended 75th Annual conference of All India Ophthalmological Society meeting held in Jaipur between 16-19 February, 2017 and presented the following:

Free paper

- 1) Long term Caregiver's quality of life following congenital glaucoma surgery (presenting author)

Instruction course

- 1) Concise review in 2017: The Primary Developmental Glaucomas (Senior instructor) Topic for presentation: Initial management of developmental glaucomas
- 2) Phaco-trabeculectomy and SICS-trabeculectomy: Tips for optimum surgical outcome (Co-instructor) Topic for presentation: Surgical technique of SICS-trabeculectomy and managing difficult situations in SICS-trab.

Video presentation

- 1) Primary combined Trabeculotomy-trabeculectomy (CTT) for developmental glaucoma –A 21 year experience (Selected as one of the top 15 videos of the conference for having judged for the CS Reshmi award (Presenting author).
- 2) Free conjunctival autograft for thin cystic bleb with hypotony (Presenting author).

Invited speaker

- 1) Invited speaker and co-convenor for the National Symposium on Pediatric Ophthalmology and presented the following topic:
“Childhood glaucoma”

266. Invited speaker for the CME organized by Currae Eye Care Hospital of Kolkata on 19th May, 2017 and presented the following:

- 1) Single suture Trabeculectomy for glaucoma in adults
- 2) My 27-year experience of managing the pediatric glaucomas

267. Invited speaker for Indian Ophthalmology Congress 2017 organised by Anand Eye Institute on July 14 & 15, 2017 and presented the following:

“Management of developmental glaucoma – My 27 years of experience”

268. Attended 3rd Annual meeting of Telangana Ophthalmic Society held at Warangal between 21-23 July, 2017 and presented the following:
Chairperson for the Master class on Developmental Glaucoma and spoke on 27 years of personal experience.
- Video presentation in Swarup's video session titled "Management of congenital glaucoma associated with Stickler Syndrome" (Judged as the best video of the session)
269. In house faculty for the program titled "Glaucoma Preceptorship: dilemmas and decision making in glaucoma" held on 26&27 August, 2017 at LV Prasad Eye Institute, Hyderabad and presented the following:
A. Management of congenital glaucoma: Long term experience
B. Participated in the glaucoma workshop as a faculty
270. In house faculty for the 4th OFISACON meeting organized by Ophthalmic forum of Indian Society of Anaesthesiologists held on 2&3 September, 2017 and presented the following:
A. Participated in the panel discussion on medico legal issues in Ophthalmology
271. In house faculty for EyePEP 2017 held between 10-16 September, 2017 organised by LV Prasad Eye Institute, Hyderabad and presented the following:
"Management of pediatric glaucoma"
272. Invited faculty for the Annual conference of the Glaucoma Society of India called GLAUCOPEDIA held between 15-17 September, 2017 at Jaipur organized by Jaipur Ophthalmological Society and presented the following:
A. Chairperson of the session called Childhood glaucoma, managing the challenges, the trials and triumphs and spoke on Managing congenital glaucoma – A long term experience(Keynote address)
B. Rehabilitation of children with childhood glaucomas/quality of life of care givers and children with congenital glaucoma
C. Video presentations
1. Management of glaucoma associated with Stickler syndrome (Presenting author)
2. Pointers of performing successful trabeculotomy: tips for the beginners (Co-author). **Won the second prize**
273. Attended in house meeting "Crosstalk 2017" held in Hyderabad on September 23&24, 2017 and participated in the discussions after presentation for the following two research projects:
1) Evaluation of visual fields function in children with congenital glaucoma
2) Calibration and validation of Indian glaucoma item bank
274. Attended Annual meeting of American Academy of Ophthalmology (AAO 2017) held in New Orleans, Louisiana, November 11-14, 2017 and presented the following:
Instruction Course – Senior instructor
1) Title: Concise Review in 2017: The Developmental Glaucomas
Poster Presentation
1) Cataract in Nanophthalmic eyes: Management and outcomes (Presenting author)

- 2) The involvement of the LTBP2 Gene across multiple glaucoma phenotypes (Co-author)

Free Paper presentation

- 1) Long-term functional success of penetrating keratoplasty in cases of primary congenital glaucomas: Twenty eight years of our experience (Co-author)
275. In house faculty for Eye on the future 2017 on the occasion of 20th Anniversary of Jasti V Ramanamma Children's Eye Care Centre on 30th November, 2017 and presented the following:
- Pediatric glaucoma workshop**
- A. My journey with congenital glaucoma: 27 years experience
 - B. Presented two cases of pediatric glaucoma (Stickler syndrome, Phacomatosis pigmentovascularis)
 - C. Presented a video on management of sudden intracameral bleeding during surgery in a case of congenital glaucoma
- Pediatric cornea workshop**
- Acute corneal hydrops in a child with infantile glaucoma: A case presentation
276. Attended 4th World congress of pediatric ophthalmology and strabismus held in Hyderabad between 1st and 3rd December, 2017 and presented the following:
- A. Chairman of the session on Glaucoma seminar titled Tube Vs Trab and presented the topic "27 years of experience with primary combined trabeculectomy-trabeculectomy"
 - B. Presentation on management of a case of infantile glaucoma with acute corneal hydrops
 - C. Poster presentation as presenting author: Do children operated for congenital glaucoma and their parents agree on the child's health related quality of life?
 - D. Co-author for poster presentations:
 - a. Profile of paediatric glaucoma in a South Indian tertiary care eye institute
 - b. ICare pro tonometer in the management of paediatric glaucoma with clear corneas
 - E. Video presentations:
 - a. Exploring the Schlemm's canal
 - b. Surgical technique on infantile glaucoma presented with acute corneal hydrops
 - c. Surgical outcome of infantile glaucoma presented with acute corneal hydrops
277. Invited faculty for the CME program on pediatric ophthalmology titled "Twinkle Twinkle Little Star!!!" organized by Bombay Ophthalmologists' Association on 21st January, 2018 and presented the following:
- A. Infantile glaucoma presenting with acute corneal hydrops – differential diagnosis and management
 - B. Management of residual vision in children with congenital glaucoma
 - C. Quality of life of children with congenital glaucoma and their care givers

278. Attended 76th Annual conference of All India Ophthalmological Society meeting held in Coimbatore between 22 - 25 February, 2018 and presented the following:
- A. Free Paper (Co-author)
Long Term Functional Success of Penetrating keratoplasty in cases of Primary Congenital Glaucoma
 - B. Poster Presentation (Co-author)
Physical Poster Judgement - Precision and accuracy of the Icare PRO tonometer in eyes with paediatric glaucoma
 - C. Instruction Course (Co-instructor)
Video bouquet of spectrum of glaucoma surgeries and combined cataract-glaucoma surgeries
279. Invited speaker for 4th Annual Meeting of Telangana Ophthalmological Society held in Hyderabad between 13 – 15 July, 2018 and participated in the following presentations:
- A. Rustam Ranji Oration 2018 and title of the Oration was “Holistic care for children with congenital glaucoma: My 30-year journey”
 - B. Received TOS – Swarup’s Video Competitive Medal for best video presentation at the plenary session during Annual Conference for the year 2017, Warangal – Telangana state.
280. Invited speaker for 4th Annual Meeting of Andhra Pradesh Ophthalmic Society held in Nandyala between 5 – 7 October, 2018 and presented the following:
Dr. Sriram Sonty’s Lecture – 2018 and the title of the talk was “Lived experiences of children with congenital glaucoma: Seeing through their eyes”
281. Invited speaker for the Annual meeting of UK Pediatric Glaucoma Society (UKPGS) held at 99 City Road Conference Centre, London, EC1Y 1AX on 25th January, 2019 and delivered The Noel Rice Lecture. The topic of the lecture is “Congenital glaucoma: A multidimensional perspective with a patient’s perspective from Naqi Rizvi.
282. Invited speaker for TED-talk organized by TED^X KIIT University on 31st March, 2019 in Bhubaneswar and the title of the talk was “Surgery for newborn glaucoma: the earlier, the better”.
283. Invited speaker for a special lecture organized by The Asiatic Society, Kolkata on 8th May, 2019 at the Vidyasagar Hall of the Asiatic Society and the title of the talk was “Childhood Glaucoma: My 30-Years of Journey”.
284. In house faculty for Glaucoma Preceptorship Programme organized by LV Prasad Eye Institute on 20 & 21 July, 2019 and presented on the following topic:
Glaucoma in children (PCG, aphakia and pseudophakia): Early diagnosis and management
285. Invited faculty for NEUROPEDICON 2009 i.e. 19th Annual Conference of Neurology Chapter of IAP held on 26-28 July, 2019 in Hyderabad and spoke on the following subject.

“The eye in Neuro-cutaneous Syndrome”

286. In house faculty for Advanced Glaucoma Implant Workshop held on 17 & 18 August, 2019 at LV Prasad Eye Institute, Hyderabad and participated in the discussion.
287. Invited faculty for 32nd Annual Conference of Chandigarh Ophthalmological Society held on 31st & 1st September, 2019 at Chandigarh and delivered the following Oration on 1st September, 2019:
“Dr. A.D. Grover memorial oration” and the topic of oration was “Congenital Glaucoma: My 30-years of experience”.
288. Invited faculty for the 29th Annual Meeting of the Glaucoma Society of India (GLAUCOKNOW) held in Lucknow between 20 to 22 September, 2019 and presented the following:
- 1) Instruction course on Glaucoma in children and in pregnancy (two parts). He was the mentor for the instruction course and presented the following topic:
“Spectrum of childhood glaucoma: Journey of 3 cases (Video presentation)
 - 2) Delivered the keynote address in the master class symposium on evidence based glaucoma care. The title of the talk was “Recent advances in the management of congenital glaucoma”.
289. Invited faculty for Advanced Pediatric Cornea and Neurotisation workshop (Focused group meeting) held at LV Prasad Eye Institute between 8-10 November, 2019 and presented the following
- 1) Axenfeld-Rieger Syndrome: A diverse clinical spectrum
 - 2) Post-keratoplasty glaucoma management.
290. Invited speaker for the 1st Indian Pediatric Glaucoma Society meeting held at LV Prasad Eye Institute on 7-8 December, 2019 and presented the following:
- 1) Lecture - Combined trabeculotomy & trabeculectomy for congenital glaucoma
 - 2) Panelist – all sessions
 - 3) Judge - free paper session
291. Expert panel member: Interactive webinar on Childhood Glaucoma: Learning points and tips for management organized by the Indian Pediatric Glaucoma Society on 4th and 5th July 2020.
292. Invited speaker: Webinar organized by Kolkata Academy of Ophthalmology, West Bengal, India, Aug 29, 2020
Topic: Acute hydrops: in infantile glaucoma
Keynote speaker: Webinar organized by Roshini Eye Foundation, Kolkata, West Bengal, India, on September 18, 2020.
Topic: My 30-year experience of Congenital Glaucoma
293. Invited speaker: Pedcor-3: A global e-conference organized by the L V Prasad Eye Institute, Hyderabad, India on 6th and 7th November, 2020.
Topics: Axenfeld-Rieger syndrome: A diverse clinical manifestation
Management of Post-PK glaucoma

294. Attended virtual Annual meeting of American Academy of Ophthalmology (AAO 2020) between November 14-17, 2020 and presented the following:
Instruction Course (# 635) – Co-instructor (Senior Instructor – Muralidhar Ramappa)
Title of course: Developmental corneal abnormalities: a systematic approach in unravelling the diagnosis:
Title of presentation: Acute corneal hydrops in children
295. Invited speaker – online webinar, AIOS ARC PG Brainstormer Session Clinical Imaging in Glaucoma and Cataract, November 24th 2020.
Title: Combined trabeculotomy-trabeculectomy for primary congenital glaucoma (video assisted talk)
296. In-house faculty – webinar, EYE-PEP 2020, L V Prasad Eye Institute, Hyderabad, India, 13-19 December 2020.
Title: Surgical options and primary combined trabeculotomy-trabeculectomy for primary congenital glaucoma.
297. Keynote address – Webinar, Delhi Ophthalmic Society, GSI session, 19th December 2020.
Title: Pediatric glaucoma: surgical options and tips.
298. International Guest speaker, Saudi Ophthalmology 2021 Virtual Conference, 18-20 March 2021
Title: a. Surgical options and combined trabeculotomy-trabeculectomy for primary congenital glaucoma
b. Glaucoma after corneal transplantation
299. National faculty for webinar organized by Indian Pediatric Glaucoma Society, 20th March 2021
a. Keynote address - Quality of life and life satisfaction of young adults with primary congenital glaucoma
300. Invited faculty for webinar organized by Roshni Eye Foundation, Kolkata, West Bengal, 27th March 2021
Title: Quality of life and life satisfaction of young adults with primary congenital glaucoma
301. Invited speaker for EyeKnow webinar organized by Lupin on 19th June 2021
Topic: Secondary developmental glaucoma and glaucoma associated with syndromes
302. Participated in virtual 79th All India Ophthalmological Society Conference, 24-27 June 2021 in the following events:
a) Senior instructor for instruction course – Surgery for primary congenital glaucoma: Contemporary techniques and recent advances
b) Judge for the best video presentation for selection of C S Reshmi awardee
303. Invited speaker, 9th World Glaucoma Congress E-Congress, June 30 to July 3, 2021
Session: Congenital Glaucoma Surgery

Topic: Combined trabeculotomy-trabeculectomy for primary congenital glaucoma

304. Invited speaker, iFocus webinar organized by Centre for Sight on 9th June 2021
Topic: Primary congenital glaucoma
305. Invited speaker, Webinar on Oops – Glaucoma surgery organized by All India Ophthalmological Society, 25th July 2021
Topic: Complications and its management in Pediatric Glaucoma surgery
306. In-house faculty, Eye-PEP, L V Prasad Eye Institute, Hyderabad, India, 25-31 July 2021
Topic: Pediatric Glaucoma: What the residents must know
307. Keynote speaker, Xth Merlyn Miller lecture at the Annual meeting of Nigerian Pediatric Ophthalmology and Strabismus Society, 3rd September 2021
Topic: Integrated management of primary congenital glaucoma: My 30 years' experience
308. Attended Annual meeting of American Academy of Ophthalmology (AAO 2021) held in New Orleans, Louisiana, November 12-15, 2021 (Hybrid format) and presented the following (virtually):
- 1) Instruction course (co-instructor)
Topic: Developmental corneal abnormalities: a systematic approach in unravelling the diagnosis
Title of presentation: Axenfeld-Rieger syndrome: A diverse clinical spectrum
 - 2) Poster Presentation (# P0303)
 - 1) Predictors of Vision-Related Quality of Life Among Young Adults Operated for Childhood Glaucoma
 - 3) Video presentation ((#30067623)
 - 1) Free conjunctival autograft in the management of mitomycin-treated unhealthy bleb with hypotony in Pseudophakic Glaucoma
309. Keynote speaker, 48th virtual annual meeting of Kerala Society of Ophthalmic Surgeons (KSOS), 26th November 2021.
Topic: Surgical options and Combined Trabeculotomy-Trabeculectomy for Primary Congenital Glaucoma.
310. Invited speaker, All India Ophthalmological Society – ARC, Webinar - Glaucoma case and concept festival for postgraduates, 14th January 2022.
Topic: Glaucoma in aniridia
311. Keynote speaker, Pearls of Wisdom on “Primary congenital glaucoma: Using my life-time experience to help you” at the annual conference of the United Kingdom Pediatric Ophthalmological Society (UKPGS), 5th February 2022 (virtual).
312. Keynote speaker – Indian Pediatric Glaucoma Society, 26 March 2022
Topic: Caring for children with glaucoma: Going forward by looking back
313. Invited faculty (virtual) for Indian Pediatric Glaucoma Society, 26-27 March 2022

- Topic: a) Outcomes of management of glaucoma in Phacomatosis pigmentovascularis
b) Axenfeld-Rieger syndrome: Long-term surgical outcomes

314. Participated in 80th All India Ophthalmological Society Conference, 2-5 June 2022, Mumbai, Maharashtra, in the following events:

- a) Senior instructor for Instruction course – Caring for children with or primary congenital glaucoma: Cradle to career
- b) Co-instructor for Instruction course – Recent advances and conventional options for combined glaucoma and cataract surgery
Topic: SICS – Trabeculectomy and postoperative considerations
- c) Received ‘International Hero of India’ award
- d) Won the ‘Adenwalla award 2022’.

315. Invited speaker, Master’s class - 3rd International online meeting on pediatric glaucoma organized by Brazilian Glaucoma Society, 25th June 2022.

Topic: Primary Congenital Glaucoma: Reflecting on my past 3 decades of patient care and research

316. Annual meeting of American Academy of Ophthalmology (AAO 2022) held in Chicago, IL, Sept 30 to 3 Oct 2022 and presented the following (*not attended physically*):

Poster: Corneal endothelial features in patients operated for primary congenital glaucoma.

Instruction course (Co-instructor): Developmental corneal abnormalities: a systematic approach to unravelling the diagnosis

Title of presentation: Axenfeld-Rieger syndrome: A diverse clinical spectrum

317. Annual Conference of the Glaucoma Society of India, GlaucoDilli 2022, 18-20 November 2022

a) Instruction course:

- 1) Changing trends in the initial surgical management for primary congenital glaucoma (Senior Instructor)
- 2) Management of phacomorphic and phacolytic glaucoma (Co-instructor: Lens induced glaucoma: tackling with confidence)
- 3) Microcatheter-assisted circumferential trabeculotomy and trabeculectomy (Co-instructor: Childhood glaucoma: So much beyond the pressure)

b) Invited speaker: Symposium on Paediatric Glaucoma

Topic: Target IOP in congenital glaucoma

c) Chairperson: Surgical overview of paediatric glaucoma-Video assisted

318. Invited speaker, Eye on the Future 2022 on the occasion of 25th Anniversary of Children’s Eye Care Centre celebrations, LVPEI, Hyderabad, 1-4 December 2022.

Topic: Changing concepts of initial surgery for primary congenital glaucoma (Video assisted skill transfer session)

319. Invited speaker, Paediatric Ophthalmology Conference on Modern methods of prevention and restoration of vision in childhood, GSI Medical College, Rajahmundry, Andhra Pradesh, 22 January 2023.

Topic: 1) Susrutha Oration – Caring for children with Glaucoma: The unbroken chain of life-long learning

- 3) The changing trends in the initial surgery for primary congenital glaucoma.
320. In-house faculty, L V Prasad Eye Institute, Hyderabad, India, Master's class, Glaucoma module, and spoke on 'Lens related glaucoma' on 1 March 2023.
321. In-house faculty, Glaucoma Preceptorship program, 11 and 12 February 2023, L V Prasad Eye Institute, Hyderabad, India, and spoke on following:
- 1) Gonioscopy
 - 2) Management of pediatric glaucoma
 - 3) Lens-related glaucoma
322. Invited speaker, EIZOC Ophthalmology, Virtual teaching program for residents on 24 January 2023 and spoke on:
- 1) Congenital glaucoma: Diagnosis
 - 2) Management of congenital glaucoma
323. In-house faculty, Glauconnect, virtual program, L V Prasad Eye Institute, Hyderabad, India, 12 March 2023 (World Glaucoma Week) and spoke on:
- 1) Glaucoma surgery in children: Paradigm changed?
324. In-house faculty, Cataract-Refractive online series, L V Prasad Eye Institute, Hyderabad, India, 18 April 2023 and spoke on:
- 1) Cataract surgery in lens-induced glaucoma
325. Delivered Adenwalla oration 2022 at the 81st annual conference of AIOS, Kochi, Kerala, India, 11-14 May 2023.
Topic: IMPACT on children with primary congenital glaucoma
326. Chairperson, Current concepts program on 12 May 2023 - 81st annual conference of AIOS, Kochi, 11-14 May 2023.
Topic: Changing trends in the initial surgical management for primary congenital glaucoma.
327. Video presentation, 81st annual conference of AIOS, Kochi, Kerala, 11-14 May 2023.
Topic: Microcatheter Assisted Novel Distinctly Advanced Luminous (MANDAL) technique for primary congenital glaucoma
328. Invited speaker, Midterm annual get-together, NRS Medical College and Hospitals EX-students association, 23rd July 2023, Kolkata.
Topic: Changing trends in the surgical management of congenital glaucoma.
329. In-house faculty, L V Prasad Eye Institute, Hyderabad, India, Master's class, Glaucoma module, and spoke on 'Bleb Repair for Leaking and Overhanging blebs' on 2 August 2023.
330. Annual Conference of the Glaucoma Society of India, GlaucoPune 2023, 6-8 October 2023.
a) Instruction course

- 1) Pediatric glaucoma for the comprehensive ophthalmologist (Co-instructor: Primary surgical treatment of pediatric glaucoma)
- b) Plenary session (Potpourri – II)
- 1) Pediatric glaucoma: an overview

331. Attended Annual meeting of American Academy of Ophthalmology (AAO 2023) held in San Francisco, California, November 3-6, 2023 and presented the following:

1. Invited speaker for annual meeting of Childhood Glaucoma Research Network (CGRN) held on 4th November 2023 and spoke on “Long-term outcomes in patients undergoing surgery for primary congenital glaucoma between 1991-2000”.

2. Instruction course (Senior instructor)

Topic: Changing trends in the initial surgical treatment of primary congenital glaucoma

Title of presentation: Evolution of surgical treatment for primary congenital glaucoma

3. Instruction course (Co-instructor)

Topic: Developmental corneal abnormalities: a systematic approach in unravelling the diagnosis

Title of presentation: Axenfeld-Rieger syndrome: A diverse clinical spectrum

4. Poster Presentation (# P0233) – on demand

Long-term outcomes in patients undergoing surgery for primary congenital glaucoma between 1991-2000

332. Keynote speaker, Pedcor- 4 – the advanced pediatric cornea workshop, L V Prasad Eye Institute, Hyderabad, India, 24-26 November 2023.

Topic: Four decades of excellence: Navigating the landscape of primary congenital glaucoma in a distinguished career

Also presented invited talk on:

Topic: Axenfeld-Rieger syndrome: A diverse clinical spectrum

333. Keynote speaker, 3rd Indian Pediatric Glaucoma Society Conference, New Delhi, 2-3 December 2023.

Topic: Changing trends for initial surgery in primary congenital glaucoma

Chairman for session – Clinical challenges and surgical innovations.

334. Invited speaker - Glaucoma symposium at Sushrut Eye Foundation, Kolkata, West Bengal, India on 4 February 2024 on the occasion of its silver jubilee celebrations and presented the following:

Topic: Surgery for primary congenital glaucoma: Transforming lives.

335. Attended 82nd annual conference of the All India Ophthalmology Society 2024, Kolkata, West Bengal, India, 14-17 March 2024 and presented the following:

a) Instruction course:

(i) Chief instructor – IC 53 – Life-cycle of primary congenital glaucoma: From diagnosis to treatment and life-time management.

(ii) Co-instructor – IC 223 – Developmental corneal abnormalities: A systematic approach in unraveling the diagnosis (topic: Axenfeld-Rieger anomaly: Diagnosis and management).

- b) Invited speaker for GP34 AIOS Glaucoma sub-specialty day – Section IV – Glaucoma surgery (VAST)

Topic: Surgical caveats for primary congenital glaucoma.

- c) Chairperson and panelist for GP66 – Recent trends in the diagnosis and management of childhood glaucoma.
- d) Video presentation – ‘Paradise lost and paradise gained’.

335. Invited speaker, symposium on Molecular genetics in Ophthalmology, Aravind Eye Hospital, Madurai, 25 April 2024.

- a) Chairperson – session: Basics of genetics

- b) Talk – Genetics and integrated management of primary congenital glaucoma

336. Invited speaker, AT TENSION – 2024, Aravind Eye Hospital, Madurai, 26-28 April 2024.

Topic: Microcatheter assisted ab externo 360 degree trabeculotomy in primary congenital glaucoma.

337. Invited speaker – Webinar, North Bengal University Alumni Association, North Bengal, 27 April 2024.

Topic: Glaucoma: The sneak thief of sight

338. Invited speaker, iFocus 2024, National Postgraduate Education Program in Ophthalmology, organized by Centre for Sight, June 9-16, Hyderabad.

- a) Chairperson – Glaucoma 2

b) Topic: Primary congenital glaucoma: Diagnostic evaluation and differential diagnosis

- c) Topic: Primary congenital glaucoma: Surgical management

339. Attended IXth Telangana Ophthalmic Society conference, July 12-14, Hyderabad and presented the following:

- a) Chairperson – session: Glaucoma Update

b) Instruction course – The Life Cycle of Primary Congenital Glaucoma: From diagnosis to treatment and life-time management.

c) Video presentation in Swarup video competition – “Paradise lost and paradise regained”.

List of publications

1. Azad RV, **Mandal AK**, Arora R, Tewari HK. Corneal thickness and IOP changes in Rhegmatogenous retinal detachments - Ind J Ophthalmol 1989;38:4-6.
2. Azad RV, **Mandal AK**, Tewari HK, Arora R. Elastic fibres in Retinal Detachment - Ind J Ophthalmol 1990;38:74-77.
3. Verma L, Pakrasi S, Kumar A, Sachdev MS, **Mandal AK**. External ophthalmomyiasis associated with herpes zoster ophthalmicus - Can J Ophthalmol 1989;25:41-44.
4. **Kishore K, Agarwal HC, Sood NN, Mandal AK**. A modified technique of Anterior Peribulbar Anaesthesia - Ind J Ophthalmol 1991;39:166-167.
5. **Mandal AK**. Current Concepts in the diagnosis and management of developmental glaucomas. Ind J Ophthalmol 1993;41:51-70.
6. Sekhar GC, Vyas P, Nagarajan R, **Mandal AK**, Gupta S. Post - Penetrating Keratoplasty Glaucoma, Ind J Ophthalmol 1993;41:181-184.
7. **Mandal AK**. Endocapsular Surgery and capsular bag fixation of intraocular lenses in phacolytic glaucoma. J Cataract Refract Surg 1996;22:288-293.
8. **Mandal AK**. How to diagnose and treat phacolytic glaucoma. Review of Ophthalmology 1996, Vol.3, No.8, 106-108.
9. **Mandal AK**. The challenge of childhood glaucoma. Community Eye Health (Indian supplement) 1996 Vol.9, No.18, 1-2.
10. **Mandal AK**. An alternate way to manage patients with Morgagnian Cataracts and Phacolytic Glaucoma. Ind J Ophthalmol, 1997; 45,53-59.
11. **Mandal AK**, Walton DS, John T, Jayagandan A. Mitomycin C-Augmented Trabeculectomy in Refractory Congenital Glaucoma. Ophthalmology 1997, 104: 996-1003.
12. **Mandal AK**. Treat Refractory Congenital Glaucoma patients like Adults. Review of Ophthalmology. Nov.1997, Vol.IV, No.11, 78-79.
13. Thomas R, Braganza A, Chandra Sekhar G, Honavar S, **Mandal AK**. The Role of Artificial Drainage Devices in Glaucoma Surgery Ind J Ophthalmol 1998;46:41-46.
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15. **Mandal AK**, Gothwal VK. Intraocular pressure control and visual outcome in patients with phacolytic glaucoma managed by extracapsular cataract extraction

with or without posterior chamber intraocular lens implantation. *Ophthalmic Surg Lasers* 1998;29:880-889.

16. **Mandal AK**. Sturge-Weber syndrome with bilateral congenital syndactyly - A previously undescribed association. *Ophthalmic Surg Lasers* 1999;30:221-222.
17. **Mandal AK**. Results of Medical Management and mitomycin C- Augmented excisional bleb revision for encapsulated filtering blebs. *Ophthalmic Surg Lasers* 1999;30:4276-284.
18. **Mandal AK**, Gothwal VK. Endocapsular Hematoma : Report of a case following glaucoma surgery in a pseudophakic eye. *Ophthalmic Surg & Lasers* 1999;30:5,389-393.
19. **Mandal AK**, Naduvilath TJ, Jayagandan A. Surgical results of combined trabeculotomy-trabeculectomy for developmental glaucoma. *Excerpta Medica* June 1999;23-26.
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AWARDS

1. **Certificate of honour** in First MBBS. (Part I)
2. **Member of Best Academic group** in Junior Residency (Twice)
Jan - June, 1984 and July - December, 1985
3. **Best Resident Award** by Ophthalmic Research Association in the year 1990.
4. **Award for Best Review article** by Federation of Ophthalmic Research and Centers for Education in India in February, 1992.
Topic: " Laser therapy for the glaucoma - Is it of value"?
5. **Award for "Best Thematic Film"** presented in 55th All India Ophthalmological Conference Film Festival, 1997 held in New Delhi. The title of the film was:
"Microsurgical Technique and results of combined trabeculotomy-trabeculectomy in management of congenital glaucoma".
6. **Winner of Prof. P.Siva Reddy Gold Medal Oration Award** for the year 1997 at All India Ophthalmological Conference held in New Delhi for the best Clinical Research in Ophthalmology. The title of the thesis was: "The Developmental Glaucomas"
7. **Award for best free paper presentation in V.Raghavachar session** in Southern Regional Ophthalmology Conference held in Hyderabad between 28th to 30th November, 1997.
Topic: Simultaneous surgery for bilateral congenital glaucoma
8. **Award for best presentation in Vth Ophthalmological Congress of SAARC Countries** held in Ahmedabad from 25th to 28th September, 1998

Best free Paper: Phacotrabeculectomy using limbal based scleral trabeculectomy flap and PE through limbal entry under scleral flap
Best poster: Primary combined trabeculotomy-trabeculectomy for early onset glaucoma in Sturge-Weber syndrome and phacomatosis pigmentovascularis

Best video: Microsurgical technique and results of combined trabeculotomy and trabeculectomy in the management of developmental glaucoma
9. **Awarded Dr. D. Raghunandan Endowment Award** at Sarojini Eye Hospital & Regional Institute of Ophthalmology, Hyderabad on 21st October, 1998
Topic: Congenital Glaucoma in India
10. **Dr. K. Vengal Rao Medal for the best scientific paper** presented at the Annual Conference of A P State Ophthalmological Society held from 27th to 29th November, 1998 at Vijayawada. The award was given at the APSOS meeting held at Ongole from 12 to 14 November 1999.

Paper: Complications related to anaesthesia and endophthalmitis following primary combined Trabeculotomy-Trabeculectomy for developmental glaucoma: A 8-year review of incidence and outcomes.

11. International biographee of Marquis Who's Who in Medicine and Healthcare 2nd Edition.1999-2000, page 538.
12. Recipient of the **Achievement Award by American Academy of Ophthalmology** in the annual meeting held in Dallas, Texas between 22-25th October, 2000. He is the youngest of the 3 Indian Ophthalmologists who received the award in 2000. In fact, this is for the first Indian ophthalmologists working solely in India are recipients of this award.
13. International biography of Marquis Who's Who in the World 2000 Millennium edition (17th Edition) Published by Marquis Who's Who 21 Chanlon Road, New Providence, NJ 07974 U.S.A.
14. Biography appeared in the Dictionary of International Biography Twenty-eighth edition 2000. Published by International Biographical Centre Cambridge CB2 3QP England.
15. Awarded **“Distinguished Service Awards”** by Andhra Pradesh State Ophthalmological Society in Silver Jubilee Celebrations which was held from 28th to 30th September, 2001 at Sarojini Devi Eye Hospital, Hyderabad. This award was given for his contribution to the sub-speciality of glaucoma.
16. Co-author of the video titled “Gonioscopy – Learn and Teach” received the **“BEST OF SHOW”** award by the American Academy of Ophthalmology at its annual meeting, November, 2001 at New Orleans.
17. Winner of **International Film Festival Award** held at the American Society of Cataract and Refractive Surgery (ASCRS) meeting between June 1 to 5, 2002 held in Philadelphia, PA, USA. His film on “ Exploring Schlemm’s canal” was judged as the best film under category of Quality Teaching” The Film Festival Winner Prize was given to the producer (Dr. Anil K Mandal) in a special ceremony held on Monday evening June 3, 2002.
18. **Recipient of ICMR prize for Biomedical Research for Scientists belonging to Under- privileged Communities of the ICMR for the year 2000.** Received this award on Monday 30th September, 2002 at Indian National Science Academy (INSA) Auditorium Bahadur Shah Zafar Marg, New Delhi.
19. Winner of **Best instruction film** at the Film Festival during 61st Annual Conference of All India Ophthalmological Society held in January 16 to 19, 2003 at New Delhi.
Instruction Film: Exploring Schlemm's Canal

20. Recipient of **Col.Rangachari Award for the Best Paper read at the Special Plenary Session** at the 61st All India Ophthalmological Conference held in January 16 to 19, 2003 at New Delhi.

Presentation title:

Long – term surgical and visual outcomes in children with developmental glaucoma operated within 6 months of birth.

21. Elected as **member of the National Academy of Medical Sciences (India) in the year** in recognition of significant contribution for the advancement of Medical Sciences
22. Received **Dr.M C Mishra memorial oration award 2003** in the Orissa State Ophthalmic Society meeting held in Bhuvaneshwar on 14th September, 2003.
23. Received **Shanti Swarup Bhatnagar Award for the year 2003 in Medical Sciences**. SSB Prizes are awarded annually by the Council of Scientific and Industrial Research (CSIR) to outstanding Indian research workers in seven disciplines of science and technology. **Dr.Anil K Mandal is the first Ophthalmologist of the country who received this award for the development of an alternative and innovative mode of surgical treatment for pediatric glaucoma and for his contribution to molecular genetic analysis of primary congenital glaucoma. The award ceremony was on 13th September 2004 in Vignan Bhavan where Dr. Mandal received the prize from the Honorable Prime Minister of India Dr.Manmohan Singh.**
24. Winner of **Best Instruction Film at the Film Festival (C S Reshmi Award)** during 62nd All India Ophthalmological Society held between January 8 to 11, 2004 at Varanasi for “Amniotic membrane transplantation for symptomatic overhanging filtering bleb”
25. **Received U N Brahmachari oration award** at the ceremony held at the 72nd Reunion of NRS Medical College & Hospital, Kolkatta held between 01 and 03 December, 2004.
26. **Winner of “Apollo Award of Medical Excellence” for the year 2004 to 2005**. He will receive a citation, plaque and cash award of Rs. 5.00 lakhs. The winners were unanimously selected by an eminent jury comprising the Director General – Indian Council of Medical Research; Director General Health Services – Government of India; Chairman – National Board of Examinations; Chairman – Board of Trustees, International Clinical Epidemiology Network, along with the Chairman – Apollo Hospitals Group.
27. **Received “Bharat Jyoti Award”** for outstanding services, achievements and contributions from India International Friendship Society, New Delhi. The award ceremony was on 10th March, 2006.
28. **Received gold medal for the prestigious “Major S. C. Dutta Memorial Oration”** at the XXXVIII Annual Conference of Ophthalmological Society of

West Bengal held in Malda on 24th and 25th November, 2007 and the topic of his presentation was “The Developmental Glaucoma in India: Your children, our efforts and His wishes”.

29. **Received “Pascal Video Award” for the best video in the category of Management of Glaucoma** at the Glaucoma Communique 2007, X VIIth annual conference of the Glaucoma Society of India 7th, 8th and 9th of December 2007, Kolkata, India.
30. Received **“Senior Achievement Award”** in the year 2008 by the American Academy of Ophthalmology for his contribution to American Academy and Ophthalmology.
31. **Winner of best poster award** for the poster titled “Surgical Outcome of Trabeculotomy-Trabeculectomy in Glaucoma with Sturge-Weber Syndrome and phacomatosis pigmentovascularis” at American Academy of Ophthalmology meeting held at Atlanta between 8 to 11 November, 2008
32. **Winner of Best Poster Award** in the scientific session at Asia ARVO meeting held at HICC, Hyderabad between 14 to 18, January, 2009 for the poster titled “Surgical Outcome of Infantile Glaucoma with Acute Corneal Hydrops”.
33. **Dr. Arup Midya Memorial Award** - 2008 by Indian Association of Community Ophthalmology at a meeting held in LV Prasad Eye Institute, Bhubaneswar on 1st May, 2009.
34. Elected as **Fellow of the National Academy of Medical Sciences (FNAMS)** in the year 2009.
35. Received **best video award** at “Dr Swarup’s Video Session” in “Eye2future” 35th Annual Conference of Andhra Pradesh Ophthalmological Society meeting held between 1 – 3 October, 2010 at Hyderabad.
36. Received **best video award** at Fusion 2012 held at HICC, Hyderabad between 12 – 14, 2012. Title “The Differential Diagnosis Of Descemet's Tears (Haab's Striae) And Surgical Outcome Of Infantile Glaucoma Presented With Acute Corneal Hydrops”
37. Received recognition award for 25 years of teaching and mentoring in the field of Ophthalmology at the LV Prasad Eye Institute on 31st May 2012 by LVPEI alumni.
38. Received best video award in the film festival during the 6th World Glaucoma Congress held in Hong Kong between 6-9 June, 2015. Title of the film was “Exploration of Schlemm’s canal and primary combined Trabeculotomy-trabeculectomy (CTT) for developmental glaucoma – a twenty-one-year experience”.

39. Co-author of the best poster presented in IERG meeting held in Hyderabad in July, 2016. The title of the poster is "The potential regulation of *CYP1B1* by transcription factors *PBX1* and *GATA1* in primary congenital glaucoma"
40. Awarded the TOS – Swarup's Video Competitive Medal and the title of the presentation was "Management of congenital glaucoma associated with Stickler Syndrome" at 3rd Telangana Ophthalmological Society annual meeting held at Warangal between 21-23 July, 2017.
41. Awarded second prize for the video presentation titled "Pointers of performing successful trabeculotomy: tips for the beginners at the 27th Glaucoma Society of India annual meeting held at Jaipur between 15-17 September, 2017
42. Awarded one of the best video award presented during AIOC 2017 held in Jaipur and the title of the video is "Exploration of Schlemm's canal and primary combined Trabeculotomy-trabeculectomy (CTT) for developmental glaucoma – a twenty-one-year experience"
43. Rustam Ranji Oration 2018 at 4th Annual Meeting of Telangana Ophthalmological Society held between July 13-15, 2018 in Hyderabad and title of the Oration was "Holistic care for children with congenital glaucoma: My 30-year journey"
44. The following videos were selected for Global Video Contest 2018 conducted by American Academy of Ophthalmology (AA) and accepted for inclusion on the ONE Network's Global Ophthalmology (GO) Guide.
 - A. Exploring the Schlemm's Canal
 - B. Surgical Technique on Infantile Glaucoma Presented with Acute Corneal Hydrops
45. Dr. Sriram Sonty Lecture – 2018 at 4th Annual Meeting of APOS held in Nandyala between 5 – 7 October and the title of the talk was "Lived experiences of children with congenital glaucoma: Seeing through their eyes"
46. Delivered **The Noel Rice Lecture** titled "Congenital glaucoma: A multidimensional perspective with a patient's perspective from Naqi Rizvi" in the Annual meeting of UK Pediatric Glaucoma Society (UKPGS) held at 99 City Road Conference Centre, London, EC1Y 1AX on 25th January, 2019.
47. Invited speaker for TED-talk organized by TED^x KIIT University on 31st March, 2019 in Bhubaneswar and the title of the talk was "Surgery for newborn glaucoma: the earlier, the better".
48. Invited speaker for a special lecture organized by The Asiatic Society, Kolkata on 8th May, 2019 at the Vidyasagar Hall of the Asiatic Society and the title of the talk was "Childhood Glaucoma: My 30-Years of Journey".
49. Dr. A.D. Grover memorial oration at the 32nd Annual Conference of Chandigarh Ophthalmological Society on 1st September, 2019 and the topic of oration was "Congenital Glaucoma: My 30-years of experience".

50. Received “International Ophthalmic Hero of India” award by All India Ophthalmic Society in the Annual meeting of AIOC 2020 held in Gurugram between 13-16 February, 2020.
51. Keynote speaker, Xth Merlyn Miller lecture at the Annual meeting of Nigerian Pediatric Ophthalmology and Strabismus Society, 3rd September 2021
Topic: Integrated management of primary congenital glaucoma: My 30 years' experience
- 52.. Keynote speaker, 48th virtual annual meeting of Kerala Society of Ophthalmic Surgeons (KSOS), 26th November 2021.
Topic: Surgical options and Combined Trabeculotomy-Trabeculectomy for Primary Congenital Glaucoma
53. Keynote speaker, Pearls of Wisdom on “Primary congenital glaucoma: Using my life-time experience to help you” at the annual conference of the United Kingdom Pediatric Ophthalmological Society (UKPGS), 5th February 2022 (virtual).
54. Keynote speaker – Indian Pediatric Glaucoma Society, 26 March 2022.
Topic: Caring for children with glaucoma: Going forward by looking back
55. International Hero of India award 2022 – AIOC 2022, Mumbai, 2-6 June 2022.
56. Invited speaker, Master's class - 3rd International online meeting on pediatric glaucoma organized by Brazilian Glaucoma Society, 25th June 2022.
Topic: Primary Congenital Glaucoma: Reflecting on my past 3 decades of patient care and research
57. Seva Ratna award, Mother Foundation, Hyderabad, August 2022.
58. Honour award, Glaucoma Society of India, New Delhi, November 2022.
59. Adenwalla oration award 2022 by All India Ophthalmological Society (AIOS).
Oration was delivered during 81st annual conference of AIOS, Kochi, Kerala, India, 11-14 May 2023.
Topic: IMPACT on children with primary congenital glaucoma
60. Film festival award (FIFA) for surgical innovation, 81st AIOC, Kochi, Kerala, India, 11-14 May 2023.
Topic: Microcatheter Assisted Novel Distinctly Advanced Luminous (MANDAL) technique for primary congenital glaucoma
61. International Hero award 2023 by 81st annual conference of AIOS, Kochi, Kerala, 11-14 May 2023.
62. Received **“Life Achievement Honor Award”** in the annual meeting of the American Academy of Ophthalmology held in Chicago, Illinois,

October 2024 for his long-standing commitment to advancing the profession and positively impacting patients' eye health.

63. Awarded the TOS – Swarup's Competitive Video Medal and the title of the presentation was "Paradise lost and Paradise Regained" at IXth Telangana Ophthalmological Society annual meeting held at Hyderabad, 12-14 July, 2024.

PUBLICATION OF THE BOOK

1. **Mandal AK**, Netland PA. “**The Pediatric Glaucomas**” published by Elsevier Science, Edinburg, UK in 2006; today’s most comprehensive and in-depth source on origins, diagnosis and management.
2. **Mandal AK**, Netland PA, Gothwal VK. Advances in the in the management of the developmental glaucoma. Recent Advances in Ophthalmology, Vol. 8, Editors: Nema HV and Nema N by Jaypee Brothers (New Delhi) Chapter 5, pp 83-129. 2006
3. **Mandal AK**, Chakrabarti D, Chakrabarti R. Shallow AC following glaucoma filtering surgery. Book Chapter in “Glaucoma” edited by Shaarawy, Sherwood, Hitchings and Crowston published by Saunders Elsevier. Volume 2; Chapter 75:183-193. 2009.
4. **Mandal AK**, Rao HBL. Aniridia-Epidemiology and Genetics edited by Nerby JA and Otis JJ. Book chapter in Aniridia and WAGR Syndrome: A Guide for Patients and Families published by Oxford University Press. Chapter 3. Page no. 22-31. 2010.
5. **Mandal AK**, Netland PA. Pediatric Glaucoma. Clinical Atlas of Procedures in Ophthalmic and Oculofacial Surgery. Edited by Albert DM/Lucarelli MJ. 2nd Edition by OXFORD UNIVERSITY PRESS, INC. Chapter 40. Page No 388-393.
6. Lawrance SD, **Mandal AK**, Netland PA. Pediatric Glaucoma book chapter (Chapter 42) in Pediatric Ophthalmology and Strabismus by edited by Wright KW and Strube YNJ published by Oxford University Press. Page No. 801-826
7. **Mandal AK**, Chakrabarti D, Chakrabarti R. Shallow AC following glaucoma filtering surgery. Book Chapter in “Glaucoma” edited by Shaarawy, Sherwood, Hitchings and Crowston published by Saunders Elsevier. Second Edition.
8. Mandal AK, Senthil S. “Childhood Glaucoma Surgery in the Developing Countries”. Book chapter submitted for publication by Springer. The title of the book is “Surgical management of childhood glaucoma: Clinical considerations and techniques”.