

BIODATA OF BALMUKUND AGARWAL



Education:

- MBBS (1988-95), Assam Medical College, Dibrugarh, India.
- M.S (Ophthalmology) (1996-1999) in Regional Institute of Ophthalmology, Guwahati, India.
- Fellowship (2000-2001) on General Ophthalmology in Sri Sankaradeva Nethralaya, Guwahati.
- Fellowship (2001-2002) on Cornea and Anterior Segment, Sankara Nethralaya, Chennai.

Teaching Experience:

- Training of Post-graduate students (Fellows & DNBs) in Ophthalmology at Sri Sankaradeva Nethralaya (2002 – present)
- A rich experience of seminars, case presentation and journal presentation during the Fellowship tenure from 2000 to 2000
- Involved in training of Ophthalmic Technicians, Optometry students, Nursing students, Ophthalmic assistants at Sri Sankaradeva Nethralaya since 2002.
- Cataract surgery training to Fellows, DNBs, NPCB trainees and others from different states of India.
- Cornea and other Surgeries Training to Cornea Fellows since 2010 onward.

Present position:

- Senior Consultant in Cornea services, also looking after Cataract & Refractive surgery, External diseases and Eyebanking.
- I/C wet-lab of SSN.

Clinical responsibility:

- Seeing patients in OPD (fresh, short and long review) – approx. 10000 (ten thousand) in a year.
- Surgical patients (cataract surgery – ECCE, SICS, PHACO (non- foldable, foldable, toric, multifocal,)— approx. > 900 (nine hundred) in a year.
- Keratoplasty (therapeutic, optical, patchgraft) – approx. > 25 in a year.
- Pterygium surgeries (suture and sutureless) – approx. > 90 in a year.
- Refractive surgeries (Lasik and ICL) -- > 500 lasik & > 30 ICL in a year.
- C3R treatments given to approx. 40 patients in last 3 years.
- Trauma cases (scleral, corneal,lids, evisceration, enucleation) - > 20 in a year.
- Ocular Surface diseases surgeries (amniotic membrane grafting, autografting) - > 5 in a year.
- Nd-Yag Laser capsulectomy done in more than 500 pts, till date.
- Non surgical clinical procedures (Glue, BCL, Scrapping of ulcer etc.) - > 1500 in a year
- Attending eye donation awareness meeting in different parts of Assam – approx. 250.
- Attended community eye screening and surgical camps in different parts of Assam and Tripura.
- Given training in wet-lab to fellows, DNBs, NPCBs trainees, paid trainees for phaco and sics - > 80 till date.

Research papers & posters presented Nationally and Internationally in conferences:

1. Presenting Author in scientific poster " Sutureless conjunctival autograft in Pterygium surgery reduces surgical time and discomfort" at World Ophthalmological Conference held at Abu Dhabi from 16-20 Feb 2012.
2. Presenting Author in scientific poster "Clinical outcome of Therapeutic Penetrating Keratoplasty in tertiary eye centre of North east India." at World Ophthalmological Conference held at Abu Dhabi from 16-20 Feb 2012.
3. Presenting Author in scientific poster " Hospital based prevalence and profile of corneal dystrophies in North east India." AIOC 2012, Cochin.
4. Presenting Co-author in Scientific Poster "Scleral perforation following Pterygium Excision and MMC, Management of a challenging case" AIOC 2012, Cochin.
5. Presenting Co-author in scientific poster " Fungal sclera-keratitis following Pterygium surgery with Mitomycin application – A case report." AIOC 2012, Cochin.
6. Presenting Author in scientific poster "Sutureless conjunctival autograft in pterygium surgery reduces surgical time and discomfort - our results", AIOC 2011, Ahmedabad.
7. Presenting Co-author in scientific poster "Scleral perforation following pterygium excision and MMC application – case management" in AIOC 2011, Ahmedabad.
8. Presenting Co- author in scientific poster "Posterior capsular management in pediatric cataract surgery – comments on two different techniques", AIOC 2011, Ahmedabad.
9. Presenting Author in scientific Poster "Mycotic Keratitis- A profile in a tertiary eyecare centre in northeast India", AIOC 2010, Kolkata.
10. Presenting Author in scientific Poster "Clinical outcome of Therapeutic Penetrating Keratoplasty in a tertiary eye centre of northeast India", AIOC 2010, Kolkata.
11. Presenting Co- author in scientific poster "Therapeutic penetrating Keratoplasty – Lessons learn from 100 consecutive cases", AIOC 2010, Kolkata.
12. Presenting Author in scientific free paper "Incidence of corneal dystrophy at a tertiary eyecare centre in north-East India", 6th world Cornea Congress held at Boston (USA) on 14.04.10.
13. Principal Author in Scientific Free Paper "Comparison of Recurrence Rate Following pterygium Surgery in Two Different Methods – A 3 year Retrospective Study", AIOC 2009, Jaipur.
14. Presenting Author in Scientific Poster "Incidence Pattern of Corneal Dystrophies in A tertiary Eye Care Centre North East India", AIOC 2009, Jaipur.

15. Presenting Author in Scientific Poster "Bacterial Keratitis: clinical and Microbiological Profile in A tertiary Eye Care Centre", AIOC 2009, Jaipur.
16. Presenting Co-author in scientific free Paper "Comparison of pentacam HR and TMS4 keratoconus screening program in screening keratoconus – A prospective study", AIOC 2009, Jaipur.
17. Presenting Co-author in scientific Poster "Lasik in adult amblyopia – a retrospective analysis", AIOC 2009, Jaipur.
18. Presenting Co-author in a Scientific free paper – "Pre- Operative intravitreal Bivacizumab in cases of PDR with florid neovascularization", AIOC, 2008, Bangalore.
19. Presenting author in a Scientific Video Presentation – "Inferior conjunctivo-limbal Autograft with antimetabolite MMC – The ideal approach to recurrent pterygia", AIOC, 2008, Bangalore.
20. Presenting Co-author in a Scientific Poster- "Role of occlusion in monocular pattern distortion amblyopia", AIOC, 2007, Bhopal.
21. Presenting Co-author in a Scientific Poster- "VEP as an important tool to detect malingering in children" , AIOC, 2006, Bhopal
22. Presenting Co-author in a Scientific Poster- "Punctectomy adjunct with mitomycin in the management of Epiphora", AIOC, 2006, Bhopal.
23. Presenting Co-author in a scientific free paper- "Tunnel infection in relation to intraocular surgery--- clinical course, outcome of different treatment modalities", AIOC, 2006, Bhopal.
24. Presenting Co-author of Poster "PCO following Acrysof Foldable IOL implementation", AIOC, 2005, Bhubaneswar.
25. Presenting Author in a Video Presentation- "Inferior Conjunctivolimbal autograft with Mytomycin C (MMC) - An ideal management of recurrent Pterygia", AAOS conference 2005, Nagaon.
26. Presenting Author in a scientific free paper- "Mycotic Keratitis – A clinical profile" , AAOS Conference, 2005, Nagaon.
27. Presenting Co-author in a scientific free paper – "Posterior capsular opacification following acrysof foldable IOL implantation", AIOC, 2005, Bhubaneswar.
28. Presenting Author in a scientific free paper- "Primary Pterygium Surgery –Adjunctive Mytomycin C (MMC) versus Conjunctival Autograft", AIOC, 2005, Bhubaneswar.
29. Presenting Author in a scientific poster "Incidence patters of corneal dystrophies in a tertiary Eye case centre in North-east India", AIOC, 2005, Bhubaneswar.

30. Presenting Co-author in a scientific free paper- "Role of corneal topography in diagnosed early Keratoconus in patients with minimal Astigmatism", AIOC 2005 Bhubaneswar.
31. Presenting Author in a Scientific free paper – "Clinical gradation of Donor Tissue and its influence on Functional and Anatomical Outcome in Penetrating Keratoplasty", AAOS, Nov. 2004, Guwahati.
32. Presenting Author in Scientific Free Paper " Rare Case of Congenital Syphilis- A Case report" , AAOS 2004, Guwahati
33. Author Scientific Free Paper " Corneal Dystrophies- Incidence Pattern in A Tertiary Eye Centre" , AAOS Nov.2004, Guwahati
34. Co-author in Scientific Free paper "Penetrating Keratoplasty – A Critical Analysis", AAOS Conference November 2004, Guwahati.
35. Co-author in Scientific Free Paper "Ocular Injuries Induced By Lightning- 4 Case Reports" presented in AIOS 2004, Varanasi.
36. Co-author in Scientific Free Paper "TTT for localized Choroidal Haemangioma with Retinal Detachment- 3 case reports" presented in AIOS 2004, Varanasi.
37. Co-author in Poster Presentation "Comparison of Contrast Sensitivity between Glasses and Soft Contact Lenses." Presented in AIOS 2004, Varanasi.
38. Co-author in Poster Presentation "Sleep and Contact Lenses" in AIOS 2004 Varanasi.
39. Co-author in Poster Presentation "Unilateral Paediatric Cataract – Visual Outcome" presented in AIOS 2004, Varanasi.
40. Presenting Author in scientific Free Paper on "Functional and Anatomical Outcome Using Clinically Graded Donor Corneas in Keratoplasty" in the 18th EIZOC Conference held in Silchar in Oct 2003.
41. Co-author of Free paper on " Traumatic Phacocoele-Review of four cases" in the 18th EIZOC Conference held at Silchar , Oct 17-19 2003
42. Presented Video film on "Conjunctivolimbal Autograft with Antimetabolite (MMC) – An Ideal Approach to recurrent Pterygium." In the 18th EIZOC Conference held at Silchar in the month of Oct 2003.

As a faculty Member:

1. Participated as a speaker to talk on " Corneal Topography" during GAO meeting held at Guwahati on March 2012.
2. Participated as a speaker to talk on " Corneal Topography" during OSA Conference held at Shillong on Nov 2011.

3. Participated as a Speaker to talk on " Computer Vision Syndrome" during ACOIN conference held at Guwahati on Oct. 2011
4. Participated as a speaker to talk on " Types of IOLs" during GAO meeting held at Guwahati on June 2011.
5. Participated as a speaker to talk on "Uses of Glue in Ophthalmology" during AAOS Conference held at Guwahati on Nov 2010.
6. Participated as a speaker to talk on "Bacterial Keratitis" during GAO meeting on 11th sept.2010.
7. Participated as a Guest Faculty to talk on "Chemical Ocular Injury" during AAOS Mid term conference held at tinsukia on june 2010.
8. Participated as a Guest faculty to talk on "Eye Banking – our SSN experience" in a workshop of microbial keratitis and Eye Banking organized by Jeuti eye bank Jorhat, in the month of Sept 2009.
9. Participated as a speaker in the instruction course of "Eye Banking" during AAOC & EIZOC held at silchar in Nov. 2009.
10. Invited Resource person for "Teachers Training on vision screening for children" organized by R. K. Mission hospital Itanagar (AP) held at ZIRO on 16 &17 Nov. 2009.
11. Participated as a Resource person for programme on "Eye health" which was recorded on 24.02.09 at Prasar Bharti Broadcasting Corporation of India, PPC (NE) Doordarshan, Guwahati telecasted on 03.03.09.
12. Guest faculty to talk on "Pterygium Surgery and Limbal Lesions Surgery" in AAOS mid term conference held at Nalbari in June 2008
13. Guest faculty to talk on "Factors/ Barriers affecting Eye Donation" on NPCB Sponsored workshop for training of Grief Counsellors held at Regional Institute of Ophthalmology Guwahati in March 2008.
14. Guest faculty to talk on Cataract – an over view, and Diabetic Retinopathy – an over view in an "Orbis sponsored workshop on Eye awareness" held at R. K. Mission hospital Itanagar, Arunachal Pradesh, India in Dec. 2007.
15. Guest faculty to talk on "Therapeutic PK" for the workshop on Penetrating Keratoplasty and Eye Banking held at Jorhat, Assam in CP Eye hospital in 2007.
16. Host faculty in the CME on Refractive IOL's and newer advances – held at SSN, August 2007.
17. Host faculty to talk on "Eye Banking- our Sri Sankaradeva Nethralaya Experience" on 8th Zonal Workshop on Eye Banking under Indian Eye Banking Education Programme held at

SSN Guwahati, Assam in May 2006.

18. Host faculty in the CME on "Multifocal IOLs" held at SSN, in September, 2005

19. Host faculty in the Symposium on "Management of corneal graft rejection" held at SSN in July, 2005.

20. Host faculty in the Symposium on "Management of corneal graft rejection" held at SSN in July, 2005.

21. Host faculty in the Symposium on "Management of corneal graft rejection" held at SSN in July, 2005.

22. Participated as a speaker in the Instruction Course on Slit lamp Biomicroscopy, in the 18th EIZOC Conference held in Silchar. Oct. 2003.

23. Host faculty to talk on "Limbal Stem Cell Concept" on 46th CME of SSN on Dry Eye and Ocular Surface Disorders in March 2003.

Academic Training:

1. Participated in the DOS Conference, India held at Delhi on April 2012.

2. Participated in the Cornea Unplug meeting held at Hyderabad on March 2012.

3. Participated in the World Ophthalmological Conference, Abu Dhabi on Feb. 2012.

4. Participated in the AIOS Conference, India February 2012, Cochin.

5. Participated in the OSA Conference, held at Shillong on Nov. 2011.

6. Participated in the ACOIN Conference, India held at Guwahati, Oct. 2011.

7. Participated in the IIRSI Conference, India July 2011, Chennai.

8. Participated In the ART meeting, Alcon held at Chennai on September 2011.

9. Participated in the AIOS Conference, India February 2011, Ahmedabad.

10. Participate regularly in GAO meet held every 3 months interval in Guwahati.

11. Participated in the AAOS Conference, Assam November 2010, Guwahati.

12. Participated in the AIOS Conference, India February 2010, Kolkata.

13. Participated in the AAOS mid term Conference, Assam June 2010, Tinsukia.

14. Participated in the AIOS Conference, India February 2009, Jaipur.
15. Participated in the AAOS mid term Conference, Assam June 2009 , Guwahati
16. Participated in the AAOS Conference, Assam held at silchar,Nov 2009
17. Participated in the Phaco Developmental Programme meeting held at Goa in july 2009.
18. Participated in the All Assam Ophthalmic Society Conference in Dibrugarh, 2008.
19. Participated in the Vision Glaucoma – Symposium on Glaucoma diagnosis and Management held on Apr 2008 at Guwahati.
20. Participated in the AIOS Conference , India February 2008, Bangalore
21. Participated in the AIOS Conference , India February 2007 Hyderabad
22. Participated in the 7th All India uveitis Conference held in Dec 2007 in Guwahati, organised by Sri Sankaradeva Nethralaya
23. Participated in the CME on "Ophthalmic Surgery Current Concepts " held in RP Centre for Ophthalmic Sciences, AIIMS in Jul 2006
24. Participated in the Technis Pioneers Meet "AMO Tecnis Multifocal Surgeons Group meeting" held in Phuket, Thailand in March2006
25. Participated in the 1st Comprehensive Cornea Course on Mar 2006 held at Mumbai organised by Bombay Ophthalmologists Association
26. Participated in the Live Surgical Workshop and CME ,Vision 2006 on Jan 2006 held at Nalbari Assam
27. Participated in the in the International VR Meet on Diabetic Retinal disease held at Guwahati in mar 2006 organised by Sri Sankaradeva Nethralaya , Guwahati.
28. Participated in the 37th AAOS Conference held Nagaon in Nov. 2005
29. Participated in the AIOS Conference , India Jan 2005 at Bhubaneswar
30. Participated in a Internal Auditor Training course (based on ISO 9001: 2000) organised by National Productivity Council during 29-30 Dec 2005
31. Participated in the AIOS Conference , India Jan 2004 at Varanasi
32. Participated in the 15th Annual Oculoplasty meet of the oculoplasty Association of India organised by Sri Sankaradeva Nethralaya held at Guwahati in Aug 2004
33. Participated in the " Technology to Trends " held at Hyderabad in Apr 2004 organised by

LVPEI and WHO

34. Participated in the advanced contact lens education program held at Sri Sankaradeva nethralaya , Guwahati in Mar 2004 organised by IACLE

35. Participated in the International Meeting Lamellar Corneal Surgery held at GRT Convention centre, Chennai organised by Sankara nethralaya Chennai on Sept 2004.

36. Participated in the Wet lab training held in lamellar corneal surgery in International Meeting Lamellar Corneal Surgery held at GRT Convention centre, Chennai organised by Sankara nethralaya Chennai on Sept 2004.

37. Participated in the Indian Eye banking Education Programme 2003 held at Hyderabad on feb 2003 organised by Ramayama International Eye Bank, LVPEI Hyderabad.

38. Participated in the 18th Annual Conference of EIZOC and 35th AAOS Conference held at Silchar in Oct 2003

39. Participated in the SSN Retina meeting on 15th Sept 2002 held at SSN , Guwahati

Membership of Society :

1 Member of All India Ophthalmological Society.

2 Member of Delhi Ophthalmological Society.

3 Member of All Assam Ophthalmological Society.

4 Member of Asia Cornea society.

5 Member of Intraocular Implant and Refractive Society, India.

6 Member of Guwahati Academy of Ophthalmology.

Publications:

Published an article in All Assam Ophthalmic Society Conference Souvenir, 2005, Nagaon on "Surgery in Primary Pterygia Adjunctive MMC Versus Conjunctival Autograft ".

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