

# Curriculum Vitae of Dr. Samar K Basak

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## 1. Personal Details:

- i. Name:** Dr. Samar K Basak
- ii. Date of Birth:** 1<sup>st</sup> May, 1958
- iii. Place of Birth:** Malda, West Bengal, INDIA.
- iv a. Address (Resi):** 44 (36), N N Bagchi Road,  
Barackpore,  
Kolkata – 700 120. INDIA  
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- iv b. Address (Off):** Disha Eye Hospitals & Research Centre,  
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[basak\\_sk@hotmail.com](mailto:basak_sk@hotmail.com)  
Website: [www.dishaeye.org](http://www.dishaeye.org)

## 2. Professional Qualification:

- 1982 **MBBS:** N R S Medical College, Calcutta University, West Bengal, India,  
1987 **MD:** Dr. R P Centre for Ophthalmic Sciences, A I I M S, New Delhi, India,  
1994 **DNB:** Diplomate of National Board of Examiners, Govt. of India,  
2007 **FRCS:** Royal College of Physicians & Surgeons, Glasgow, UK.

**3. Registration No.:** West Bengal Medical Council/42191 date: 03.12.1983

## 4. Present Position:

- **Director**, Disha Eye hospitals & Research Centre, Barrackpore, Kolkata 700120.
- **Sr. Consultant:** Anterior Segment diseases, especially Cataract (Phaco and Non phaco SICS), Cornea and External Diseases, and Eye Bank Services.
- **Medical Director:** Prova Eye Bank, Disha Eye Hospitals & Research Centre
- **In-Charge**, Hospital Cornea Retrieval Programme (HCRP) and **Advisor** to the Govt of West Bengal on Eye Banking Issues

## 5. Other positions held currently (2007-2010):

- **Vice President**, Eye Bank Association of India **from April, 2010** (for 3 years)
- **Editor, Proceedings**, All India Ophthalmological Society (2011-2014)
- **Member, Editorial Board**, Indian Journal of Ophthalmology
- **Executive Member**: National Society for Control of Blindness, West Bengal, India

## 6. Professional Memberships:

- **Life Member**, All India Ophthalmological Society.
- **Life Member**, Eye Bank Association of India
- **Life Member**, Indian Medical Association
- **Member**, American Academy of Ophthalmology
- **Member**, Asia Cornea Society
- **Member**, Asia Eye Bank Society
- **Member**, European Society of Cataract and Refractive Surgeons
- **Member**, Ophthalmic Photographic Society

## 7. Teaching Experiences:

- **RMO cum Clinical Tutor (Sr. Resident)**, NRS Medical College, Kolkata, West Bengal, India (July, 93 – April, 97)
- **Clinical Teacher & Co-ordinator, Appraiser and Examiner in DNB (Post graduate) Course under Govt. of India**, in Disha Eye Hospitals and Research Centre (2003 to till continuing).
- **Examiner FRCS, University of Glasgow**. Since 2008

## 8. Academic Activities:

### *Books written:*

- Essentials of Ophthalmology**: 4<sup>th</sup> Edn (May, 2007), [1<sup>st</sup> Edn: 1997], Current Book International, Kolkata, India – For undergraduates & post graduates
- Ophthalmology: Oral & Practical**: 3<sup>rd</sup> Edn (2006), [1<sup>st</sup> Edn: 1996] Current Books International, Kolkata, India - For undergraduates

- iii) **Atlas on Clinical Ophthalmology:** 1<sup>st</sup> International Edn. (2006), Jaypee Brothers, New Delhi, India: For postgraduates & comprehensive ophthalmologists  
International publication *from McGraw Hills* Sept, 2008.
- iv) **Ophthaphilately: Postage Stamps on Ophthalmology** 1<sup>st</sup> International Edn. (2007) Jaypee Brothers, New Delhi, India: For Students, teachers and common people who loves history.
- v) **Mini Atlas on Clinical Ophthalmology** – Ist Edn (2009), Jaypee Bros, New Delhi.
- vi) **Mini Atlas on Diseases of the Cornea:** 1<sup>st</sup> Edn 2011, Jaypee Brothers. New Delhi,
- vii) **Eye Diseases & Microsurgery:** For public education: 1<sup>st</sup> Edn (1994), Mitra & Ghose, Kolkata.
- viii) **2 Chapters:** in Text books in Ophthalmology by Dr. LC Datta., Jaypee Brothers, New Delhi
- ix) **Section on External Eye Diseases:** in Text books in Ophthalmology by Dr. Sandeep Saxena, Jaypee Brothers, New Delhi
- x) **Section on Manual DSEK:** in text Book DSEK by Prof R B Vajpayee, New Delhi

*Publications (in Indexed Journals only):*

1. Panda A, Kumar G, **Basak SK**, Mohan M, Gupta SK. The effects of corticosteroid and reduced glutathione on the endothelial viability during culture in MK medium. A light microscopy study. *Acta Ophthalmol* 1994;72:731-6.
2. Chattopadhyay DN, **Basak SK**, Ghose S. HIV-positive patient presented with giant molluscum contagiosum of the eyelid. *J Indian Med Assoc.*1997;95:202.
3. **Basak SK**, Hazra TK, Bhattacharya D, Sinha TK. Unilateral pellucid marginal degeneration. *Indian J Ophthalmol.* 2000;48:233-4.
4. **Basak SK**, Sinha TK, Bhattacharya D, Hazra TK, Parikh S. Intravitreal live *Gnathostoma spinigerum*. *Indian J Ophthalmol.* 2004;52:57-8.
5. **Basak SK.** Low endothelial cell count and clear corneal grafts. *Indian J Ophthalmol.* 2004;52:151-3.
6. **Basak SK.** Bridging the Training Gap- Converting from Sutured to Sutureless Non-phaco Cataract Surgery, *Community Eye Health Journal.* 2004;17:55-6.
7. **Basak SK**, Basak S, Mohanta A, Bhowmick A. Epidemiological and microbiological, diagnosis of suppurative keratitis in Gangetic West Bengal, eastern India. *Indian J Ophthalmol.* 2005;53:17-22.
8. **Basak SK**, Singhal P, Hazra TK, Gibson DI. Avian trematode *Philophthalmos*, *Ophthalmology.* 2006;113:1063.e1-2
9. **Basak SK.** Microbial Keratitis. *Ophthalmology.* 2006;113:2115-6.

10. **Basak SK.** Birth centenary of Sir Harold Ridley (10th July 1906 - 25th May 2001). *Indian J Ophthalmol.* 2006;54:219-20.
11. **Basak SK, Hazra TK, Bhattacharya D.** Persistent corneal oedema secondary to presumed dead adult filarial in the anterior chamber. *Indian J Ophthalmol.* 2007;55:67-69.
12. **Basak SK, Basak S, Roychoudhuri A.** 'SIA-Soft': New software to calculate surgically induced astigmatism in comparison with manual mathematics by vector method. *Indian J Ophthalmol.* 2008;56:170.
13. **Basak SK.** Descemet stripping and endothelial keratoplasty in endothelial dysfunctions: Three month results in 75 cases. *Indian J Ophthalmol.* 2008;56:291-6.
14. **Basak SK, Mohanta A, Bhowmick A, Shingal PS.** Ocular toxicity by latex of *Calotropis procera* (Sodom apple). *Indian J Ophthalmol.* 2009
15. **Basak SK, Basak S, Bakshi P, Basu S.** Keratouveitis caused by *Euphorbia Latex*. *Indian J Ophthalmol.* 2009
16. Agrawal V, Upadhyay J, **Basak SK**; Indian Cataract Risk Stratification Study group. Validation of scoring system for preoperative stratification of intra-operative risks of complications during cataract surgery: Indian multi-centric study. *Indian J Ophthalmol.* 2009;57:213-5.
17. Arshinoff SA, Bastianelli PA, **Basak SK**, et al. Incidence of postoperative endophthalmitis after immediate sequential bilateral cataract surgery. *J Cataract Refract Surg* 2011; 37:210-14.
18. **Basak SK, Deolekar S, Mohanta A et al.** Bacillus cereus Infection after Descemet Stripping Endothelial Keratoplasty. *Cornea*:

### *Papers, Posters, ICs and Videos presented in different International Conferences*

1. "Eye Drops: Size Does Matter!" – Paper presented in **International Congress of Ophthalmology (ICO), Sydney, 2002.**
2. Susruta in Indian Ophthalmology – Poster presented in **International Congress of Ophthalmology (ICO), Sydney, 2002.**
3. "Vasculoplasty: a new modality for non-healing fungal corneal ulcer with Hypopyon" – Poster presented at **AAO Annual Conference, Orlando, 2002.**
4. "Intracameral Amphotericin-B in Fungal Corneal ulcer with Hypopyon – a randomized controlled clinical trial" - Poster at **AAO Annual Conference, New Orleans, 2004.**
5. "Famous (and not so famous) Blind people of the World through Postage stamps of the world" - Poster at **AAO Annual Conference, New Orleans, 2004.**
6. "Time, Cost and Surgical outcomes of Phaco Vs Non-phaco Sutureless Cataract Surgery in White Cataracts". – Free Paper presented at **ESCRS Annual Conference, Paris, 2004.**

7. “Manual SICS with Penetrating Keratoplasty – an alternative approach of Triple Procedure” - Poster presented at **ESCRS Annual Conference, Paris, -2004**
8. “Non-phaco Sutureless Cataract Surgery in Subluxated Cataract” – Video film presented at **ESCRS Annual Conference, Paris, 2004.**
9. “Vasculoplasty: a new modality for non-healing fungal corneal ulcer” - Video film presented at **ESCRS Annual Conference, Paris, 2004.**
10. “History of Ophthalmology through postal stamps of the world.” – Poster presented at **APAO, Bangkok, 2003.**
11. “Temporal Non-phaco Sutureless ECCE PCIOL with or without OCCIT for Correction of Pre-existing Corneal ATR >1.00 D” – Paper presented at **ISRS/AAO at Hong Kong, 2005.**
12. “Ophthalmic Myths in through Postage Stamps of the World” –Poster presented at **APAO, Malaysia, 2005.**
13. “History of Ophthalmology- *From darkness to Light and Beyond...*” – Video film presented at **APAO, Malaysia, 2005.**
14. Validitation of a new Software – “How to calculate Surgically Induced Astigmatism” – Poster presented in **AAO Conference, Chicago, 2005**
15. “Famous (and not so famous) people in Ophthalmic field through Postage stamps of the world” - Poster presented in **AAO Conference, Chicago, 2005**
16. “Manual Small incision Cataract Surgery” –Invited speaker in Symposium in “Indian Pearls in Ophthalmolgy” presented in **AAO Conference, Chicago, 2005**
17. Dissection in DALK by Dual Interface Technique – Video Film Presented in **ESCRS, London, 2006**
18. Phaco Section by Wire-Snare: A new technique in Stitchless Manual SICS in Suprachard Cataracts: Video Film Presented in **ESCRS, London, 2006**
19. Instruction Course on “ Management of PCR with or without vitreous loss by Anterior Segment Surgeons”: Presented in **ESCRS, London, 2006**
20. “Human Ocular infection by Avian Trematode *Philophthalmos*” Video presented in **AAO Conference, Las Vegas, 2006. This has been included in teaching Video by AAO-2006.**
21. Dissection by Dual Interface Technique in Deep Anterior Lamellar Keratoplasty – Poster Presented in **AAO Conference, Las Vegas, 2006**
22. Instruction Course on “Management of PCR with or without vitreous loss by Anterior Segment Surgeons”: Presented in **AAO Conference, Las Vegas, 2006**

23. DSEK and Manual SICS: A new combined Surgery for endothelial dysfunctions with Cataract: Poster presented in **AAO-ISRS Conference in Beijing, 2007**
24. DSEK and Manual SICS: A new combined Surgery for severe endothelial dysfunctions with Cataract: Paper presented for **ESCRS, Stockholm, Sweden, Sept 2007**
25. Double Manual combine technique in severe Fuchs' dystrophy with cataract. Video presented for **ESCRS, Stockholm, Sweden, Sept 2007 (Best Video)**
26. DSEK and Manual SICS: A new combined Surgery for severe endothelial dysfunctions with Cataract: Poster for **AAO, New Orleans, USA, Nov 2007**
27. Double Manual combine technique in severe Fuchs' dystrophy with cataract. Video presented for **AAO, New Orleans, USA, Nov 2007**
28. Conjunctival Pigmentation as a predictor of Severity of Vernal Conjunctivitis: Poster presented for **AAO, New Orleans, USA, Nov 2007**
29. Combined Keratoplasty and Manual SICS – invited guest Lecture given in Croatian Ophthalmic Society-AAO Symposium in May, 2008 in **Sibenik, Croatia**
30. DSEK – Results in first 100 cases – **Paper presented in WOC 2008 , Hong Kong**
31. Combined Keratoplasty and Manual SICS – invited guest Lecture **in WOC 2008 , Hong Kong**
32. HCRP in Indian Eye Banking Scenario - invited guest Lecture **in WOC 2008 , Hong Kong**
33. Descemet stripping and endothelial keratoplasty (DESK): Results in first 110 consecutive cases – Paper presented in **ESCRS 2008 Berlin, Germany**
34. Safety of Prophylactic Intracameral 0.05% Moxifloxacin Ophthalmic Solution during Cataract Surgery to Prevent Postoperative Bacterial Endophthalmitis – Paper presented in **ESCRS 2008 Berlin, Germany**
35. Late Secondary Angle Closure Glaucoma following Descemet Stripping Endothelial Keratoplasty and its Management – Video in **ESCRS 2008 Berlin, Germany (Best Video)**
36. Endothelial Cell loss in Descemet Stripping Endothelial Keratoplasty (DSEK) in First 110 Cases – Poster presented in **AAO 2008 - Atlanta, USA**
37. Late Secondary Angle Closure Glaucoma following Descemet Stripping Endothelial Keratoplasty – Paper presented in **AAO 2008 – Atlanta, USA**
38. Late Secondary Angle Closure Glaucoma following Descemet Stripping Endothelial Keratoplasty and its Management – Video presented in **AAO 2008-Atlanta, USA (Best Video). This video also awarded as teaching (Front Row) video.**
39. Instruction Course on “Management of PCR with or without vitreous loss by Anterior Segment Surgeons”: Presented in **AAO Conference, Atlanta 2008**

40. Instruction Course on “High Risk Keratoplasty” **presented in AAO Conference, Atlanta 2008**
41. New Triple Procedure: **DSEK and Cataract Surgery** Poster presented in **Eye Bank Association of America, Annual Meeting, Seattle, 2009**
42. Complications in First 275 cases of DSEK. Paper presented in **ESCRS, Barcelona 2009**
43. Donor dissection in DMEK, Paper presented in **ESCRS, Barcelona 2009**
44. DSEK: Complications in First 275 cases; **Best Poster award, AAO -2009**
45. Donor Dissection in DMEK: **Best Poster Award AAO-2009**
46. Donor Dissection in DMEK: **Best Video Award AAO-2009**
47. FP on a large series of pterygium – presented in AAO -2010
48. IC on Abandoned phaco: convert to Manual SICS in AAO 2010
49. Video Film on Boston KPro – “Paradise regained” in AAO 2010
50. Presented FP, symposium and Instruction courses in APAO – Beijing 2010
51. IC in ESCRS in Vienna 2011
52. IC, Posters and video presented in AAO 2011

*- Other Conferences till date:*

AIOS Conferences:	Paper/Poster/Video presented =	75
Zonal Level Conferences:	Paper/Poster/Video presented =	30
State Level Conferences:	Paper/Poster/Video presented =	39
Other State Conferences	Paper/Poster/Video presented =	40

*“Reviewer” for Indexed Journals:*

- i) **Indian Journal of Ophthalmology**, since 2002 till continuing.
- ii) **Ophthalmology (AAO)**, since 2004 till continuing.
- iii) **Expert Review of Ophthalmology** – from 2007
- iv) **Clinical Ophthalmology** – from 2007
- v) **British Journal of Ophthalmology** – from May 2009
- vi) **New Zealand journal of Ophthalmology** – from 2010

*Invited Faculty for the International Conferences:*

- i) **Bangladesh Ophthalmic Society Conference** - in 2002

- ii) **ISRS/AAO Conference** - in **Hong Kong** held in May, 2005
- iii) **AAO - Annual Conference** – in **Chicago in Oct, 2005** as a Speaker for the Session on “Indian Pearls in Ophthalmology”
- iv) Invited as AAO-nominated international guest speaker in **AAO-HOD joint symposium in Croatian Ophthalmic Society Conference, Sibenik, Croatia – 2008.**
- v) **WOC 2008** – to be held in **Hong Kong in June 2008** – as Chairperson in Cornea, External Eye Diseases and Eye Bank
- vi) **External Eye Diseases** – South East Asian Advisory Board – Meeting in **Cambodia, August, 2008**
- vii) As Guest faculty in **Nepal Ophthalmic Society- CME and Live surgical workshop on Lamellar keratoplasty, Dec. 2008**
- viii) As Guest speaker and Chairperson in Cornea & External diseases in **APAO-2009** to be held in **Bali, Indonesia in May -2009**
- ix) As Guest faculty in EBAA, Annual Meet – in June 2009 in **Seattle, USA.**
- x) Invited Guest Speaker on Dry Eye Symposium in **Vietnam Ophthalmic Society-2009**
- xi) APAO Beijing in 2010; APAO-Sydney in 2011
- xii) SAARC Academy of Ophthalmology, Bangladesh – 2011
- xiii) Invited speaker in AAO Lounge program 2011
- xiv) Guest Speaker in CURSO meeting in Bascom Palmar, Miami, Florida 2011

## 9. Awards in State, Zonal, National and International Level:

- i) **Dr. K.P. Roy Award** – for Best free paper in Ophthalmological Society of West Bengal Annual Conference, 1995.
- ii) **Best Video film Award** – in Ophthalmological Society of West Bengal Conference, 1999.
- iii) **Best Video film Award** – in Eastern India Zonal Ophthalmic Conference, 2000.
- iv) **C. S. Reshmi Gold Medal Award** - at 58<sup>th</sup> All India Ophthalmic Congress for Best Video Film at Chennai, in 2000., Also in 2008
- v) **Col. V. Rangchari Gold Medal Award** - at 59<sup>th</sup> All India Ophthalmic Congress for Best Paper at Calcutta, in 2001.; Also in AIOC - 2005
- vi) **E.T. Selvam Gold Medal Award** - at 60<sup>th</sup> All India Ophthalmic Congress for Best Poster at Ahmedabad in 2002. Also in AIOC-2005.



- vii) **Dr. B. K. Mitra Award** - for Best Free Paper in Ophthalmological Society of West Bengal Annual Conference, 2004.
- viii) **Satya Rani Hazra Award** – for Best work done in Community Ophthalmology, Ophthalmological Society of West Bengal Annual Conference, 2004.
- ix) **Santé Vision Gold Medal Award** - at 63<sup>rd</sup> All India Ophthalmic Congress for Best work done in Cataract at Bhubaneswar in 2005.
- x) **Dr. Sandeep Wagh Award Oration** – at Pune Ophthalmological Society Meeting 2007.
- xi) **Gold Medal Award** – from Bombay Ophthalmological Association, 2008
- xii) **Best Video Award, in ESCRS, Stockholm, Sweden, Sept 2007** in Special cases category.
- xiii) **Dr. S P Hardia Gold Medal Award** - for Best Free Paper in Refractive Surgery in 66<sup>th</sup> All India Ophthalmological Congress, 2008 in Bangalore.
- xiv) **Best Video Award in General Category** in 66<sup>th</sup> All India Ophthalmic Congress, 2008 in Bangalore.
- xv) **Best Video Award, in ESCRS, Berlin, Germany, Sept 2008** in scientific category.
- xvi) **‘Best of Show’ Video Award in** – AAO Annual Conference - **Atlanta 2008**
- xvii) **“Achievement Award” from American Academy of Ophthalmology** for significant contribution in Ophthalmology – **AAO Atlanta 2008**
- xviii) **International Ophthalmic Education Award** in AAO Annual Conference - **Atlanta 2008**
- xix) **Dr. Rustom Ranji Gold Medal Oration** – **Andhra Pradesh Ophthalmic Society -2009**
- xx) **Dr. A K Pandeya Gold Medal Oration in Bihar Ophthalmological Society -2009**
- xxi) **‘Best of Show’ Video Award in** – AAO Annual Conference – **San Francisco 2009**
- xxii) **Best Poster Award in** - AAO Annual Conference– **San Francisco 2009**
- xxiii) **Best Poster Award in** - AAO Annual Conference– **San Francisco 2009**
- xxiv) **Best Paper Award in Cornea** in – Complications of DSEK in first 200 cases reported by a single surgeon - All India Ophthalmological Conference, **Kolkata, 2010**
- xxv) **Best of Show (Top Ten) video Award** -- AIOC, **Kolkata, 2010**
- xxvi) **R C Meher Oration: EIZOC at Bhubaneswar, 2010**
- xxvii) **Best Video Award (Top 14)** in AIOC, **Ahmedabad, 2011**
- xxviii) **Achievement Award: APAO in Sydney 2011**
- xxix) **Prof LP Agarwal Oration**, at RP Centre for Ophthalmology, **AIIMS, New Delhi - in 2011**
- xxx) **‘Best of show’ Video Award** in **AAO 2011 in Orlando**
- xxxi) **First Prize and Special mention prize in Ophthalmic Photography (by OPS, USA)**  
**AAO 2011 in Orlando**

xxxii) **Best of Show (Top 15) video Award -- AIOC, Kochi, 2012**

### 10. Live Surgical Workshops:

Participated in many Live Surgical Demonstration Workshops on Phaco and Non-Phaco Cataract Surgery in West Bengal, Bihar, Assam, Jharkhand, Orissa, UP, Maharashtra, Gujarat, New Delhi as well as in Bangladesh and Kathmandu, Nepal

Demonstrated first live sub 2.0 mm (1.8 mm) micro co-axial phaco surgery with Stelaris (B & L Machine) in Croatia in May, 2008

Live Surgical Workshop on DSEK and DALK in West Bengal, Assam, Gujarat, Mumbai, Kolkata, UP, Kathmandu and Boston KPRO in Bangladesh.

### 11. Surgical Performances:

Cataract Surgery = >35,000 [Manual SICS (40%) Phaco (60%)]

Corneal Grafting = >1100 [PK: 500 +, Triple procedure: 170 +, ALK: 45, DALK: 95, DSEK: 440 Boston KPRO: 24]

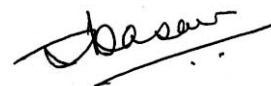
Glaucoma surgery = 150

Pterygium = CLAU, CLAL (Lr), etc. > 300

DCT, DCR, Anterior Segment Trauma, AMT, Miscellaneous Surgeries = > 1500

### 12. Principal Investigator

Involve as a Principal Investigator in National and International Drug Trials (FDA Phase III/and Phase IV).



Updated: 01/01/2012