



# Workshop on Small Incision Cataract Surgery

17th February 2012

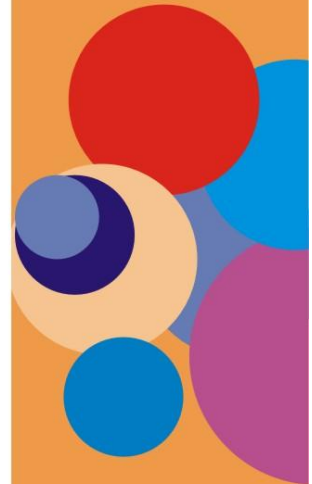
Under the aegis of the  
Bangalore Ophthalmic Society &  
Karnataka Ophthalmic Society



in association with



**SANKARA EYE HOSPITAL**  
**BANGALORE**



# SECI

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# Workshop on Small Incision Cataract Surgery & Advances in Management of Cataract

Sankara Eye Hospital, Bangalore

February 17<sup>th</sup> 2012

## BACKGROUND

The provision of, “ high quality – high volume” surgical care is central to the success of the National Programme for Control Of blindness. Today sutureless cataract surgery has become the standard of care. The use of the Manual technique of Cataract surgery has been shown to be on par with the phacoemulsification technique.



Sankara Eye Hospitals over the years has innovated and introduced the technique of temporal small incision cataract surgery which has become the mainstay of blindness eradication in the developing world. The over 500000 procedures performed over the years have provided us a vast knowledge base which we wish to share with fellow surgeons.

To update the knowledge of our colleagues functioning in the governmental sector in the state, Sankara Eye Hospital in association with Sightsavers and the National Programme for Control of Blindness conducted a day long CME on Small Incision Cataract Surgery on February 17<sup>th</sup> 2012 at the hospital premises. The meet was organized under the aegis of the Bangalore Ophthalmic Society and the Karnataka Ophthalmic Society.

Faculty from within Sankara and other senior surgeons invited from across our state shared their expertise and experience in the various aspects of cataract surgery. The topics included a transition from ECCE to small incision surgery, the steps of the Small incision surgery, performing the surgery in conditions with other eye ailments and also to increase awareness on endophthalmitis and the prevention of infection in the hospital.

The workshop included a combination of didactic lectures, video assisted skill transfer sessions and a wetlab experience. This would allow maximum interaction between the faculty and the delegates.

## FACULTY

To share the rich experience from ophthalmologists from across the state, faculty were invited from the governmental sector, NGO hospitals and from private practice. This was complemented by the host faculty from Sankara.

## INVITED FACULTY

**Dr M S Ravindra** – Former president Karnataka Ophthalmic Society and Founder of the Bangalore Ophthalmic Society , graduated from the All India Institute of Medical Sciences and is an independent medical practice professional with over 35 years' experience in the realm of ophthalmology.



**Dr Sundararam Shetty** – Chairman of the Globe Eye Foundation, Hoskote , is a reputed, experienced and dedicated eye surgeon. Over the past 10 years through his institution, he has worked steadfast towards his mission of to take the best of eye care services to the poor.



**Dr Deepak Megur** - He completed his post graduation from Minto Eye Hospital in 1998 and FRCS Ed in 1999. Presently he is consultant at Megur Eye Care Centre, Bidar and heads the Cataract and Glaucoma departments. Presently he is the scientific Committee convener for Karnataka Ophthalmic Society.



**Dr Nagaraju** – Consultant Occuloplasty and cataract surgeon at the Minto Hospital, Bangalore, the premier governmental eye hospital in the state. A postgraduate teacher , Dr Nagaraju carries a vast experience in handling simple and complex cataracts.



## HOST FACULTY

Dr Y Umesh, Chief Medical Officer

Dr Mallikarjun H , Asst Director, Sankara Eye Hospital, Shimoga

Dr Meena Gopinath , Glaucoma Services

Dr Kaushik Murali , Paediatric Ophthalmology & Strabismus

Dr Anand Balasubramaniam , Dept of Cornea

Dr Rajesh R , Dept of Vitreoretina & Ocular Oncology

Dr Praveen , Glaucoma Services

### Agenda for workshop

Topic	Faculty	Time	Remarks
Inauguration	Health Commissioner, JD (ophthal), Dr Umesh , Sabitra Kundu	9.30-10.00	Dr Umesh to welcome, Mr Sabitra to speak of PPP in eye care , Health commissioner address.
Status of Eye Care In Karnataka – Towards Vision 2020	JD Ophthal	10.00-10.15	
Cataract Surgery over the years	Dr Kaushik	10.15 -10.30	
Tea Break			
Administering Eye Anesthesia	Dr Raghunath	11.00 -11.15	
Recognizing High risk eyes before cataract Surgery	Dr Meena G	11.15 -11.30	
Step by Step Transition from ECCE to Manual SICS	Dr Mallikarjun H	11.30 -11.45	
Incision – the first cut	Dr Umesh	11.45 -12.00	Location, Structure and wound closure
Capsulorrhexis	Dr Anand B	12.00 -12.15	Types and use of dye
Nucleus Management	Dr Sundaram Shetty	12.15 -12.30	Techniques of delivery
Complication & their Management	Dr Deepak Megur	12.30 -12.45	PCR , DMD , Anterior Vitrectomy techniques
Lunch Break			
SICS in difficult Situations	Dr Nagaraju, Dr MS Ravindra Dr Mallikarjun , Dr Meena	1.30 -2.15	Small Pupil, Subluxated , Coloboma, Combined – through Videos
Basics of Phacoemulsification	Dr MS Ravindra /Dr Umesh	2.15 -2.30	Dynamics & fluidics
Endophthalmitis	Dr Rajesh	2.30 -2.45	
OT Sterilisation & Disinfection	Dr M S Ravindra	2.45 -3.00	
Tea Break			
Wet Lab	All Faculty		
Vote of Thanks & Valedictory		4.00	

## About the programme

The workshop was inaugurated with a silent invocation. Dr Nagaraj, Joint Director Ophthalmology, Karnataka , welcomed the gathering and set the background and context of the programme. He shared the need to update the knowledge of the practitioners.



Mr Shrinivas Sawant , Area Director , South India Area Office shared the experience of Sightsavers in Public Private Partnership in eye care in various parts of the country and the learning accrued from them. He also touched on the current scenario of eye care in the country.



parts of the state.

“ Our State has a long way to go towards combating blindness”. Mr Selvaragavan, IAS, Mission Director NRHM shared his concern on the low contribution from the governmental sector in blindness reduction , and appreciated the efforts of the Directorate of Health and Sankara Eye Hospital for organizing the workshop. He also promised to support the public private partnership in eye care to make it accessible to all

The workshop was formally inaugurated by lighting a lamp.



Dr Y Umesh , Chief Medical Officer , proposed the formal vote of thanks.

The scientific sessions started with the history of evolution of cataract surgery. The beginnings in ancient India to the use of technology in performing the surgery and the various implants used to treat the cataracts were discussed.

The assessment of a patient before a surgery is critical for the outcomes. Often the visual outcomes are compromised due to the patient suffering from other eye ailments. The recognition of high risk cases can help prognosticate to the patient and also allows the surgeon to plan the surgery for optimal outcomes.

Though most surgeries are performed under local anesthesia, the talk on anesthesia for ophthalmic surgery covered the assessment of a patient for his general condition and also the management of medical

emergencies during the surgery. The lecture also focused on the technique of application of anesthesia for the surgery.

Small incision cataract surgery is today the mainstay for high volume high quality care worldwide. The faculty shared the nuances of the technique and also elaborated on the common complications and their management. The presentations were a mixture of didactic lectures interspersed with video presentations of the techniques.

OT asepsis is critical in a hospital. A nosocomial infection is one of the dreaded complications. To emphasize the importance of OT sterility and also to expose the primary management of presumed endophthalmitis the last session was on these topics.





Phacoemulsification is the standard of care in most developed nations. To expose the surgeons to the technique and also to provide a hands on experience with the A Scan biometry which helps measure the IOL power accurately a wet lab was organized in association with Geuder Asia Pacific and Biomedix.

## LIST OF DELEGATES

1	Dr. Ravi Kumar	Govt. Hosp., Kunigal, Tumkur Dist.
2	Dr. Gangadhar	Govt. Hosp., Madhugiri.
3	Dr. Dinesh Kumar	Dist. Hosp., Tumkur.
4	Dr. Anitha Kumar	C.H.C., Kushalanagar, Kodugu Dist.
5	Dr. Dilip Dongre	Govt. Hosp., Humnabad, Bidar Dist.
6	Dr. Nagendrappa	Govt. Hosp., Gangavathi, Koppal Dist.
7	Dr. S. S. Kolkur	Govt. Hosp., Honnal, Davangere Dist.
8	Dr. Soumya R.	Govt. Hosp., Chanegeri, Davangere Dist.
9	Dr. Gururaj P.	Dist. Hosp., Bijapur.
10	Dr. Shilpa J. M.	Taluk Hosp., Jagalur, Davangere Dist.
11	Dr. Nagaveni S. K.	Dist. Hosp., Davangere.
12	Dr. T. Manjula	Govt. Gen. Hosp., Hoskote, Bangalore.
13	Dr. K. K Jeevan Prakash	Govt. Dist. Hosp., Madekeri, Kodugu Dist.
14	Dr. Prashanth C. R.	Govt. Dist. Hosp., Madekeri, Kodugu Dist.
15	Dr. Suresh K. N.	Gen. Hosp., Chickmangalur.
16	Dr. R. Sudha	Gen. Hosp., Koppa.
17	Dr. Pragathi Borgaon	Taluk Hosp., Kalaghatgi, Dharwad Dist.
18	Dr. Sangeetha K Renukay	PHC, Harakanal, Harapanahalli, Davangere Dist.
19	Dr. Vanitha Balaraman	Gen. Hosp., Jayanagar, Bangalore.
20	Dr. B. Padmaja	Dist. Hosp., Gadag.
21	Dr. Prakash S. Kelgeri	Gen. Hosp., Navalgund, Dharwad Dist.
22	Dr. S. S. Gadag	Govt. Hosp., Rannebennur, Haveri Dist.
23	Dr. S. M. Ramprakash	Govt. Hosp., Anekal, Bangalore Dist.
24	Dr. H. Yeriappa	Govt. Hosp., Hospet, Bellary Dist.
25	Dr. Dinekar Naik	Dist. Wenlock Hosp., Mangalore.
26	Dr. V. Anjineya Prasad	Dist. Mob. Opht. Unit, V.I.M.S., Bellary.





27	Dr. Bhavani Shankar	Dist. Mob. Opht. Unit., Dist. Wenlock Hosp., Mangalore.	
28	Dr. H Dinakara	Gen. Hosp., Kundapura, Udupi Dist.	
29	Dr. Jagaadish S. uppinn	Govt. Gen. Hosp., Shahapur, Yadgir Dist.	
30	Dr. Venkatesh Kalapur	Taluk Hosp., Aland, Gulbarga Dist.	
31	Dr. Radhakrishna	Gen. Hosp., Karkala, Udupi Dist.	
32	Dr. Ashok Ambure	Govt. Gen. Hosp., Shorapur, Yadgir Dist.	
33	Dr. P. L. Nataraj	Govt. Dist. Hosp., Hassan	
34	Dr. Rajendra Balikai	Govt. Hosp., Chickodi, Belgaum Dist.	
35	Dr. Poornima M	Govt. Gen. Hosp., Doddabalapur, Bangalore Rural Dist.	
36	Dr. B. G. Hiremath	Sr. Spl., Govt. Mob. Unit., Dist. Hosp., Gadag.	
37	Dr. B. A. Seetharam	Govt. Gen. Hosp., Holalkere, Chitradurga Dist.	
38	Dr. M. S. Ravindra	Karthik Netralaya, # 89, 7th Cross, N. R. Colony, Bangalore. (Faculty)	
39	Dr. Nagaraju G.	Minto Hospital, Bangalore. (Faculty)	
40	Dr. Chetan Kumar	Taluk Hosp., C. R. Patna, Hasasan Dist.	
41	Dr. J. A. Sreedevi Dist.	Govt. Gen. Hosp., Harahara, Davangere	
42	Dr. A. G. Vastrad	Govt. Hosp., Sirsi, Uttara Kannada Dist.	
43	Dr. B. B. Oni	Dist. Hosp., Dharwad.	
44	Dr. Malejan B. D.	Dist. Hosp., Bijapur.	
45	Dr. P. Chandrakala	Govt. Hosp., S. R. Patna, Mandya Dist.	
46	Dr. S. Balasubramanya	Dist. Hosp., Hassan.	
47	Dr. B. V. Diwakar	Dist. Hosp., Chickballapur.	
48	Dr. Mahesh	Govt. Hosp., Pavagada, Tumkur Dist.	
49	Dr. Raju M. M.	Dist. Hosp., Ramnagaram.	
50	Dr. N. L. Vijayanarsima	Govt. Hosp., Sira, Tumkur Dist.	
51	Dr. Kalleshwari	Govt. Dist. Hosp., Tumkur.	
52	Dr. Anil K.	Taluk Hosp., Koratgere, Tumkur Dist.	
53	Dr. Deepak Megur	Megur Hosp., Bidar. (Faculty)	

54	Dr. B. M. Angadi	Govt. Gen. Hosp., Hospet.
55	Dr. L. Revanna	Govt. Gen. Hosp., Jayanagar, Bangalore.
56	Dr. Sreedhar S. T.	Govt. Hosp., Pandavapura, Mandya Dist.
57	Dr. Dr. R. V. Halakatti	Govt. Hosp., Nelamangala.
58	Dr. Syed Ziaulla	S. N. R. Dist. Hosp., Kolar.
59	Dr. Suresh	Govt. Hosp., Tiptur, Tumkur Dist.
60	Dr. Sujata V. Hasavimath	Taluk Hosp., Nargund, Gadag Dist.
61	Dr. Soumya P. D.	Taluk Hosp., N. R. Pura, Chickmangalur Dist.
62	Dr. Vidyavathi	M.G.M. Gen. Hosp., Mudigeri, Chickmangalur Dist.
63	Dr. Latha H. N.	Govt. ,Hosp., Virajpete, Kodugu Dist.
64	Dr. Kavitha L. Tumbadi	Govt. Hosp., Chanapatna, Bangalore Dist.
65	Dr. Sushma	Govt. Gen. Hosp., Maddur, Mandya Dist.
66	Dr. Suresh B. H.	Govt. Gen. Hosp., Saundatti, Belgaum Dist.
67	Dr. Niyamat Nadaf	C.H.C., Banahatti, Bagalkot Dist.
68	Dr. Soumya K.	K. C. Gen. Hosp., Bangalore.
69	Dr. Syeda Tabusum Fatima	Dist. Hosp., Gulgarga.
70	Dr. Shamshad Begum Nadaf	Taluka Hosp., Sindgi, Bijapur Dist.
71	Dr. P. Rajanna	Minto Hosp., Bangalore.
72	Dr. Md. Salahuddin Ahmed	Govt. Gen. Hosp., Davangere.
73	Dr. Nithyananda Nayak	DMOU Dist. Hosp., Udupi.
74	Dr. Ramesh	Dist. Hosp., Karwar.
75	Dr. Nagbushan Sulgante	DPM, DBCS, Bidar.
76	Dr. Radhakrishna A. N.	Govt. Gen. Hosp., Karkala, Udupi Dist.
77	Dr. Ramesh	Govt. Hosp., Sindhanoor, Raichur Dist.
78	Dr. S. Chandrashekara Prasad	Dist. Mob. Opht. Unit., Chamarajanagar.
79	Dr. Chandrika	Govt. Gen. Hosp., Sakaleshpura, Hassan Dist.
80	Dr. Srinivasa Murthy	Govt. Gen. Hosp., H. N. Pura, Hassan Dist.
81	Dr. Sampath Kumar	Govt. Hosp., Srinivaspur, Kolar Dist.



82	Dr. Dr. N. Sujatha	Govt. Gen. Hosp., Gokak.
83	Dr. Chandini G. Devadi	Govt. Gen. Hosp., Chikodi, Belgaum Dist.
84	Dr. Poornima B. M.	Govt. Gen. Hosp., Bangarpet, Kolar Dist.
85	Dr. Syeda Shagufta Tabassum	Govt. Dist. Hosp., Kolar.
86	Dr. Kripalini	Govt. Dist. Hosp., Udipi.
87	Dr. Manjunatha Swamy	Govt. Dist. Hosp., Malur, Kolar Dist.
88	Dr. Arulselvi V.	Govt. Hosp. K. R. Puram, Bangalore Dist.

The CME programme was excellent - The current topics were covered. It was a very interactive, fruitful programme. Shankara Eye Hospital has excelled in such programmes. The new Auditorium is good. Such CME programmes should be done more often.

A. aum-

DR. R.V. HALAKATTI

Eye Surgeon G.H.

Welmangala

Ex JD (Oph)

CME Programme was conducted in very well. All the topics were well thought over and the eminent speakers gave very nice insight into the subject. Participants appreciated very well. I congratulate all the Doctors and staff of Shankara eye hospital for this great co-operation.

Dr. K. Nagaraj  
JD (Optical)

well organised, extensive learning opportunity and practically covered topics useful sessions for everyone. Best part was to encourage phaco training workshop. Co-ordinators very friendly & easily approachable. Expect & look forward for many more CME workshops on all topics apart from cataract.

Request you to focus next on Paediatric ophthalmology as there is a great lacuna in this section.

Dr. Sangetha Kollapuri R

It indeed a great initiative of bringing the government team of eye care to Sankara to infuse the culture & skills in them and reaching to people in the states & across of the rural Karnataka for better, quality eye care.

Shrinivas Sivanant  
(about clinical protocol workshop).

SIGHTSAVERS