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Quote

Productivity is being able to do things that you were never able to do before.
 - Franz Kafka

Editorial

Rapid urbanisation and industrialisation have resulted in dramatic lifestyle changes leading to lifestyle related diseases. The transition from a traditional to modern lifestyle, consumption of diets rich in fat and calories combined with a high level of mental stress has accelerated the problem further. Various studies have revealed a rising trend in the prevalence of type II diabetes. The real burden of the disease is however due to its associated complications, of which diabetic retinopathy is a major concern. To create awareness on this sight threatening disease, on the occasion of World Diabetes Day, Aravind organized a series of campaigns in its various centres.

Cataract surgery constitutes 65% of surgeries performed at Aravind. In order to optimize the surgery results thereby enhancing patient satisfaction, Aravind introduced advanced machine developed by Alcon in all its major centres. As Aravind Eye Hospital handles a large number of cataract surgeries, the addition of Centurion machine enhances efficiency and quality of surgery.

The role and scope of the library and information services is continually evolving and is subject to significant changes and challenges in the digital information era. The librarians hence have a great responsibility to stand up to the challenge and continually update and learn new skills. Aravind Library and Information Centre organized a Seva-supported workshop to discuss the latest trends in the library and information sciences and also to equip the participants on various practical aspects of library management.

News about these events and many more feature in this issue.



AWARDS AND ACCOLADES

Mehra ACOIN Award for Dr. R.D. Ravindran

Bhubaneswar, November 9-10



Dr. R.D. Ravindran has been conferred Mehra Acoin Award at the 4th annual conference of the Association of Community Ophthalmologists of India (ACOIN) held at Bhubaneswar, Orissa.



NEWS AND EVENTS

World Diabetes Day Celebrations



India has become the diabetes capital of the world and a great majority among these is at a great risk for diabetic retinopathy which often steps in without any symptoms. With a view to create awareness among the public on this sight-threatening condition, Aravind Hospitals organized a variety of programmes.

Aravind – Theni, November 9

Aravind – Theni conducted a special DR camp at Maravar Makkal Mandram at Chinnamannur.

Aravind – Tirunelveli, November 14

Aravind – Tirunelveli organized various activities such as awareness camp and exhibition, special interview and interaction session on local channel. Diabetic Retinopathy screening camp was organized in Vision centres, Valliyoor, Kadayannallur, Kulasekaram and Tuticorin. Free blood test was done at the exhibition venue. Various awareness materials were distributed to the public. At the interaction session, Dr. R. Ramakrishnan, Dr. Karthik, and Dr. Divya participated and explained clearly the seriousness of proper diagnosis and followup of Diabetic Retinopathy.

Guinness World Record for the Most Blood Glucose Level Tests Undertaken

Aravind - Coimbatore November 16

Aravind – Coimbatore in collaboration with Lions Club International District 324-B1 and Dr. Rajendran's Diabetes Centre organized blood sugar screening camps in about 150 locations in the regions of Coimbatore, Tirupur, Pollachi and Nilgiris. This endeavour is believed to be the Guinness world record for the most blood glucose level tests undertaken. Around 36, 200 people were screened for diabetes free of cost. Those who found to have diabetes were asked to come for follow up the next day.



Installation of Centurion Vision System

Aravind, November 14



Aravind introduced an advanced machine called Centurion Vision System aimed to enhance the efficiency and outcome of cataract surgery. After making an assessment of the advantages of using the machine to patients, Aravind Eye Care System has introduced it at its hospital branches in Madurai, Tirunelveli, Coimbatore and Puducherry. Centurion Phaco System, the intelligent phaco-emulsification technology designed by Alcon Company to optimise the results of cataract surgery, will be able to target intraocular pressure during surgery. It enables safe and fast surgery with advanced technology fluidics system. It can be synchronised to achieve precise implantation of intraocular lens. It also enables early postoperative

rehabilitation of patients. As Aravind Eye Hospital handles a large number of cataract surgeries, the addition of Centurion machine enhances efficiency and quality of surgery



Children's Day Celebrations

Aravind – Tirunelveli, November 14



As part of Children's Day, Paediatric Clinic organized drawing competition for children. A total of sixteen participants participated. Prizes were distributed to the winners.



Motivational Lecture

Aravind – Tirunelveli, November 17



As part of Diwali CME, Mr. R. Ganesan, Founder - Life Improvement Mind Engineering (LIME) was invited to deliver a motivational lecture for all cadre of staff at Aravind – Tirunelveli. He is a counselor and a certified clinical hypnotherapist, NLP trainer and reiki healer. With his good sense of humor, he not only made the participants laugh but also made them think. Everyone participated with great enthusiasm.



Change Management in Medical and Healthcare Librarianship: Issues and Challenges

Aravind - Coimbatore, November 23



The role of librarians and information specialists today is to increase access to information. Changes have been very rapid in publishing and information acquisition in recent times that librarians and information specialist have a crucial role in managing and providing access to information. Digitization of library information resources has presented a new age librarian with a myriad of fresh challenges which he has to contend with and learn to surmount. This Seva-supported conference was organized to understand the changes medical and health sector libraries are currently experiencing. It also analysed gap between the current practices and emerging technology in medical libraries and information

management.

Dr. Revathi welcomed the audience to the workshop following which lamp lighting ceremony was performed by Dr. V. Narendran and faculty members. Dr. Revathi during her address briefly explained the emerging changes in the library field, library services and potential growth. Mr. RD Thulasiraj via videoconferencing set the context for the workshop and mentioned about librarian's role and responsibility. Conference overview was given by Mr. Kirubanithi.

The conference received wide response from participants belonging to various medical and allied healthcare institutions. There were participants from universities and engineering colleges.



SEVA –Elsevier Practical Training Session for Librarians

Aravind – Madurai, November 25-29

Aravind Library and Information Centre organized this one week SEVA–Elsevier workshop to provide practical exposure to eye hospital librarians. A total of seven librarians from the following hospitals participated in this training programme: L V Prasad Eye Institute, Hyderabad; Sadguru NetraChikishalaya, Madhya Pradesh; Netra Nirmay Niketan, West Bengal; Lumbini Eye Institute, Nepal; Sankar Foundation Eye Hospital (2 librarians), Vishakhapatnam and Dr. Om Prakash Eye Institute, Amritsar. In addition, librarians from Aravind Hospitals also participated. Discussions revolved on strengthening the existing collection (Print and electronic resources), indexing system (retrieval and search technique), library committee and services as well as technological applications. The librarians developed an action plan for their respective library. Mr. Kirubanithi, Mrs. Kumaragurupari, and Ms. Sabera Banu (LVP) were the resource persons/mentors for the training programme.



Freshers' Day for MLOPs

Aravind – Tirunelveli, October 29

Fresher's Day programme was organized for the MLOP new recruits and the candidates exhibited their talents through skit, dance, reciting poems and songs. Dr. R Ramakrishnan congratulated all the participants and gave a motivational talk.



Dr. P. Namperumalsamy Appointed as Member CCH & FW, Govt. of India

August 2013



Dr. P. Namperumalsamy, Chairman Emeritus, Aravind Eye Care System has been appointed as Member of the Central Council of Health and Family Welfare (CCH & FW), the Apex Advisory Body of Ministry of Health and Family Welfare, Govt. of India, under the Chairmanship of Union Minister for Health and Family Welfare. The other members are State Secretaries of Health, Health Ministers of State and 10 eminent medical leaders in the country.

CONFERENCES ATTENDED ELSEWHERE

Clinicians and Researchers in Vision & Epidemiological Sciences (CARVES) meet and Workshop-2013

Organized by Aditya Jyot Eye Hospital Mumbai, November 5-7



Dr. P. Sundaresan

- *INDEYE and IFACE Genetic study from Aravind Eye Care System.*

3rd International Nystagmus Research workshop

Oxford, London, September 5-7

Dr. Shashikant Shetty participated in the workshop as an invited faculty.

Seventh Triennial Conference of Ocular Trauma Society of India

Madurai, September 28-29

Dr. P. Vijayalakshmi

- Points to Ponder in paediatric ocular trauma

Dr. Sashikany Shetty

- Diagnosis and management of muscle injuries in paediatric orbital trauma

Dr. A.S. Karthikeyan

- Evaluation of paediatric patients Medico-legal aspect of ocular trauma

UCSC Genome Browser and Human Genome Bioinformatics Workshop

Kasturba Medical College, Manipal, November 16-20

Dr. A.S. Karthikeyan participated in the workshop and shared inputs.



Annual conference of the Kerala Society of Ophthalmic Surgeons (KSOS)

Calicut, November 22-24

Dr. S.R. Rathinam

- *Approach to a child with Uveitis*



CME on Uvea

Chennai, November 16

Dr. S.R. Rathinam

- *Rare uveitis scenario and management*



LAICO HAPPENINGS

Certificate Course on Community Outreach and Social Marketing of Eye Care Services

LAICO, November 15 – December 7



The 34th batch of the course was held at LAICO with a total of four participants from countries such as Ethiopia, Nigeria and India. At the valedictory ceremony, Dr. K. Ilango addressed the participants. Workshop summary and certificates were distributed to all participants.



IHMS users Workshop

Nepal, November 22-23



Aravind's IT team consisting of Mr. B.S. Ganesh Babu, Mr. Karthikeyan and Mr. Praveen Kumar visited Nepal Netra Jyoti Sangh and facilitated the workshop which was supported by Ministry of Health and Population, Nepal. Features of IHMS, new enhancements and applications, and developing central database were discussed during the workshop. Participants from 11 hospitals attended the workshop.



Community Eye Health Workshop

Asuncion, Paraguay, November 22-29



Mr. Sanil Joseph had been to Paraguay to lead and teach in the Community Eye Health workshop organised by Fundacion Vision, Asuncion from 22nd to 29th November with support from the IAPB. The course was attended by 8 hospital teams from 4 countries (Bolivia, Mexico, Peru & Paraguay).



Onsite Visit to Kitwe Eye Hospital

Kitwe, Zambia, November 28-30



LAICO along with the Dana Centre in Johns Hopkins University has engaged 5 hospitals in Africa in a capacity building programme through The Hilton Cataract Initiative. As a follow up to the Vision Building and Strategic Development workshop held in October 2013, onsite visits by the respective faculty and consultants will be made to each hospital. The first in this series was the visit to Kitwe Central Hospital – Eye Annexe in Zambia. Dr R D Ravindran, Dhivya and Dr David Friedman (Dana Centre for Preventive Ophthalmology) comprised the visit team. This eye unit which is part of the government hospital in Kitwe is the major eye care provider in the country. During the visit, the team toured the hospital, visited a district primary health centre and an outreach camp. The visit concluded with a workshop with the entire hospital team to engage them in a discussion on how to achieve the target of 6000 surgeries within three years.



Seva Board Meeting

November, San Francisco, USA



Mr. R.D. Thulasiraj attended Seva board meeting held at San Francisco in the month of November.



TRAINING PROGRAMMES

Course title	Training Centre	Total Number Trained as on November 2013	Enrollments for December 2013
Long term Fellowship Programmes for Ophthalmologists			
Fellowship in Cornea	Madurai	77	2
	Tirunelveli	2	0
	Coimbatore	42	0
	Pondicherry	7	0
Fellowship in Glaucoma	Madurai	49	1
	Tirunelveli	22	0
	Coimbatore	33	0
	Pondicherry	9	0
Fellowship in Paediatric Ophthalmology & Strabismus	Madurai	73	1
	Tirunelveli	20	0
	Coimbatore	31	0
	Pondicherry	7	0
Fellowship in Orbit & Oculoplasty	Madurai	47	1
	Tirunelveli	3	0
Short Term Courses - For Ophthalmologists			
Short term training in Vitrectomy	Madurai	19	1
	Coimbatore	10	0

ECCE IOL Microsurgery	Madurai	718	0
	Tirunelveli	280	1
	Coimbatore	222	0
	Pondicherry	14	1
	Madurai	186	2
Small Incision Cataract Surgery	Tirunelveli	123	0
	Coimbatore	150	0
	Pondicherry	33	1
Phacomulsification	Madurai	175	1
	Tirunelveli	92	1
	Coimbatore	130	1
	Pondicherry	32	1
Lasers in Diabetic Retinopathy	Madurai	287	2
	Coimbatore	287	1
	Pondicherry	8	0
Management of Retinopathy of Prematurity & Pediatric Retinal Disorders	Coimbatore	19	1
Fundus Angiography and Ultrasonography	Madurai	47	1
Instruments Maintenance Course			
For Technicians	Madurai	462	4
For Ophthalmologist	Madurai	35	1
Eye Bank Course			
Training in Eye Bank Techniques	Madurai	8	1
Training in Eye Bank Management	Madurai	1	1
Training in Eye Bank Counselling	Madurai	4	1



PUBLICATIONS

- **Ophthal Plast Reconstr Surg. 2013 Oct 15. [Epub]**
Santhi, R;Maneksha,V;NamrataAdulkar.
- *Crystal-storing histiocytosis masquerading ocular adnexal lymphoma: A case report and review of literature.*
[Article View](#)
- **J Pediatr Ophthalmol Strabismus 2013;50:e52-e54**
Parag, K Shah; Sandeep Bachu; Narendran,V; Kalpana Narendran; Jeevamala David; Chakravarthi, R Srinivas
- *Intravitreal bevacizumab for incontinentia pigmenti.* [Article View](#)
- **Am J Ophthalmol. 2013 OCT. [Epub]**
Srinivasan, M; Jeena Mascarenhas; Revathy, R; Meenakshi, R, Lalitha, Prajna; O'Brien KS; Glidden DV; Ray KJ; Oldenburg CE; Zegans ME; Whitcher JP; McLeod SD;Porco TC; Lietman TM; Acharya NR; for the Steroids for Corneal Ulcers Trial Group.
- *The Steroids for Corneal Ulcers Trial (SCUT): Secondary 12-month clinical outcomes of a randomized controlled trial.* [Article View](#)
- **Retina Cases and Brief Reports 2013**
Umesh, C Behera; Rathinam, Sivakumar R; Lalitha, Prajna; Niraj Agrawal; Renu Rajan
- *Epi-retinal deposits post cataract extraction.* [Article View](#)
- **J Pediatr Ophthalmol Strabismus VOL: 50(6) NOV. 2013 p. 384**
Muralidhar R, Ankita B, Vijayalakshmi P, Kumar SM.
- *Ocular involvement in proteus syndrome.* [Article View](#)
- **Indian J Radiol Imaging. 2013 Jul;23(3):281-3.**
Kawali AA.
- *Thermography in ocular inflammation.* [Article View](#)



AUROLAB NEWS

Training Programme on Corrugated Fibre Board Packaging Medium in Aurolab

Aurolab, November 23



The objective of the training programme was to bring out the salient features of Corrugated Fibre Board as a packing medium and enable the design and development of same for a given product. The participants felt that the training programme very useful to them. Mr.Venkataraman handled this training session.



Dental Camp

Aurolab, November 24



A Dental camp was organized in Aurolab during which Dr.Prakash and his team members examined the staff members who had dental problems and prescribed necessary treatment.



MONTHLY PATIENT STATISTICS

November - 2013										
Hospitals	Madurai	Theni	Tirunelveli	Coimbatore	Pondicherry	Dindigul	Tirupur	Salem	Udumalpet	Total
HOSPITAL OUT-PATIENT VISITS										
Paying (New & Review)	45,029	6,907	20,743	30,164	19,135	5,385	4,049	8,705	2,195	142,312
Free (Direct walk-in)	12,451	1,664	5,768	9,773	5,916	5	351	-	863	36,791
OUTREACH OUT PATIENTS										
Regular Eye Camps	6,396	1,762	3,049	6,702	3,583	-	101	359	-	21,952
Diabetic Retinopathy camps	288	465	530	1,276	529	-	-	-	-	3,088
Refraction Camps	804	328	510	297	-	-	-	-	-	1,939
Mobile Refraction Unit	-	-	-	-	-	-	-	-	-	-
School Screening camps	965	122	507	12,900	3,262	-	-	222	-	17,978

Paediatric Camps	-	52	173	372	526	-	-	-	-	1,123
Vision Centres	11,427	4,369	5,163	3,361	2,583	-	-	-	-	26,903
Community Eye Clinics	3,438	1,676	1,874	-	-	-	-	-	-	6,988
Total OP Examinations	80,798	17,345	38,317	64,845	35,534	5,390	4,501	9,286	3,058	259,074
SURGERIES										
Paying	2,667	414	991	1,400	788	144	124	390	118	7,036
Free (Direct)	2,333	214	763	1,739	543	30	57	43	73	5,795
Camp	1,162	230	605	1,341	624	-	17	169	38	4,186
Total Surgeries	6,162	858	2,359	4,480	1,955	174	198	602	229	17,017