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Quote

It is in your moments of decision that your destiny is shaped. -Tony Robbins

AWARDS AND ACCOLADES

ICMR Award for Dr. P. Sundaresan

Aravind – Madurai



Dr. P. Sundaresan, Senior Scientist, AMRF was awarded the ICMR Prize 2009 for Biomedical Research Conducted in Underdeveloped Areas for his study on congenital blindness in India: A cluster study on ocular anomalies in Ara, Bihar.

NEWS AND EVENTS

Workshop on Care Preventive and Predictive Maintenance of Instruments and Equipment

May 8-10, Aravind – Salem

Aravind's Instruments Maintenance team conducted a workshop on the maintenance of equipment at Aravind – Salem during the second week of May.

Editorial

The month of May was as usual a busy month at Aravind owing to the school vacation season. The hospital staff was truly stretched out to cater to the eye care needs of the growing number of patients throughout the season. In the year-ending March 2013, statistics shows that Aravind Eye Hospitals together handled over 3 million outpatient visits and performed over 370 thousand surgical and laser procedures.

A bunch of doctors and research staff from Aravind visited the prestigious US ARVO conference and the Annual Conference of American Academy of Ophthalmology. Both these conferences were an excellent platform for rich sharing of expertise and ideas.

To cut down the electricity consumption in this scenario of acute power shortage and also as a deliberate step towards electricity cost containment, Aurolab introduced 100KV solar power system. The system inaugurated in the month of May is truly going to benefit Aurolab tremendously in the long run.

News about these and many more feature in this issue.

Aravind News Team



Acumen Fund CEO Summit

LAICO, May 20-21



CEOs of Acumen Fund had their annual meeting at LAICO in the last week of May. The team had a productive time at Aravind visiting the different facilities. The team also visited Nithyatha.

CONFERENCES ATTENDED ELSEWHERE

Annual Conference of American Society of Cataract and Refractive Surgeons

San Francisco, California, USA, April 19 - 23



Dr. R. Venkatesh
Instruction course

- *Manual small incision cataract surgery for high volume, high quality and cost effective cataract surgery*
- *Introduction and need for MSICS in the era of micro incision surgery*
- *Posterior capsule rupture and zonular dialysis management*
- *Ten commandments - recognize regain and react*
- *Symposium angle closure A to Z*
- *Techniques for removing the dense lens in angle closure patients*
- *Video presentation titled new techniques - nightmare due to posterior polar*

cataracts: Can anterior segment OCT help us?

Dr. K. Veena

Instruction Course

- *Manual small incision cataract surgery for high volume, high quality and cost effective cataract surgery*
- *Quick photo assessment (QPA) - An innovative way of school screening*

Dr. Prathmesh Mehta

Instruction Course-

- *Manual small incision cataract surgery for high volume, high quality and cost effective cataract surgery*
- *Teething troubles*
- *Converting, controlling and capsule fixation*
- *Video presentation titled manual small incision cataract surgery for dancing cataract*
- *Poster presentation titled waterbed of liquefied cortical layer causing sudden visual decline*

Dr. Prathmesh Visited Cornea Clinic at UCSF Proctor foundation with Dr Tom Leitman on April 25. He got an opportunity to visit Dr David Chang's operating room and also UCLA Jules Stein Eye Institute and observed under Dr Anthony Aldave from 29th April to 3rd May.

Dr. Haripriya Aravind

- *Saving the nucleus before it sinks (video)*
- *Aravind pseudoexfoliation study: Intraoperative results of phacoemulsification cataract surgery*
- *Chief instructor - posterior capsule rupture and zonular dialysis management*

- *SICS in challenging situations (course)*
- *Management of soft cataracts and shallow anterior chamber*



Meeting of World Association of Eye Hospitals 2013

Mexico, April 23-26

- Dr. Haripriya Aravind
- *Measuring cataract surgical outcomes*
- *Overview on Aravind Eye Care System*



Annual Meeting of Association for Research in Vision and Ophthalmology

Seattle, Washington, May 5-9



- Dr. P. Namperumalsamy
- *Indo-US vision research workshop 2013*
- *Diabetic Retinopathy : The looming global health crisis*
- Dr. R. Venkatesh
- *Indian family angle closure evaluation study - comparison of iridotomy*
- *Associated anatomic changes in angle closure suspects and patients with either primary angle closure or primary angle closure glaucoma*
- Dr. P. Sundaresan

- *A variant in the SLC35D1 gene is associated with age-related cataract in India*

Dr.C.Gowri Priya

- *Evaluation of surface free energy of Aurolab Aqueous Drainage Implant (AADI) and its influence on cell adhesion property, in comparison with Baerveldt Implant*

Mr. Sushil Kumar Dubey

- *Identification of mutations in candidate genes in patients with globe anomalies: A targeted next-generation sequencing approach.*

Ms.V.Nithya gave an oral presentation on

- *Molecular epidemiology of methicillin resistant staphylococcus aureus (MRSA) causing ocular infections in south India*

Dr. Mohideen Kader

- *Clinical profile of a large family with primary open angle glaucoma (POAG) in south Indian population*

After the ARVO conference, Ms. Nithya visited Department of Microbiology, Massachusetts Eye and Ear Infirmary - Harvard Medical School, Boston, MA between May 13-16 and she had discussion with Dr. Michael Gilmore and his post doctoral fellows on Next generation sequencing work.



Fine-Tuning Health Care - improved outcomes and cost efficiency using quality registries

Stockholm, Sweden, May 21-22



Dr. R.D. Ravindran was the invited speaker at 'Fine-tuning health care - improved outcomes and cost efficiency using quality registries', a high-level conference hosted by the Swedish Ministry for Health and Social Affairs on May 21- 22 in Stockholm. The workshop was organized by the Govt. of Sweden on the National registries maintained by them for the various diseases and surgical procedures. He also visited St Eriks Eye Hospital in Stockholm and gave a talk on Aravind model to the faculty.



International symposium on Bending the Cost Curve: Global best Practices

Spain, May 29-30

Dr. P. Namperumalsamy has been invited as a Guest speaker for the International symposium on "Bending the cost curve: Global best practices" organized by Price Waterhouse Coopers (PWC) at Madrid, Spain May 29-30.

"Bending the cost curve : Global best practices" is an international roundtable series designed to highlight ground - breaking methods for cutting costs while promoting efficiency and innovation by examining leading - edge case studies from around the world. He presented the "Aravind Model - Reducing costs through product innovation" as one of the five



best innovative practices in the world. The participants were CEO level executives and Minister ranking Government representatives.



HUMAN RESOURCE DEVELOPMENT

Special Summer Camp

Aravind – Madurai, May 11



Janakiamma Child Care Centre at Aravind- Madurai organized summer camp for a period of two weeks for staff children aged 5 -15. The camp was over on May 11 with a grand valedictory programme with the kids showcasing the different talents they learnt during the period.

This year Dr. Natchiar conducted a special summer camp for the children of Aravind doctors and faculty. This week long camp was action packed with main focus on teaching the children about our rich culture, traditions, about our spiritual treasures and about their responsibility towards our country. These included trips to the Meenakshi Temple, Pudhumandapam, Aurolab and aurofarm, Karaikudi, Ambasamudram village, Ramakrishna Mutt and the Gandhi Museum.



LAICO HAPPENINGS

Executive Director's Visit to United States

San Francisco, April 25 - May 30



Mr. R.D. Thulasiraj attended Seva Board Meeting and presented LAICO's future plans. At San Francisco, he met with Dr. Bruce Spivey, Pacific Vision Foundation and had brief discussion. He also took part in the Aravind Eye Foundation retreat and projected Aravind's growth plans. He had discussions with the key people from Lavelle Fund regarding the extension of its support towards providing free spectacles. In Ney York, he gave talk to the TOMS group on Aravind. Mr. Thulasiraj also met with the Executive Director of Research to Prevention of Blindness and had brief discussion.



Internal Capacity Building: Short course on Biostatistics

CMC, Vellore, May 20-24

Ms. Dhivya Ramasamy attended the course held at CMC, Vellore and got oriented in to the basics of biostatistics.



TRAINING PROGRAMMES

Course title	Training Centre	Total Number Trained as on May 2013	Enrollments for June 2013
Residency Programmes			
Diploma in Ophthalmology	Madurai	210	2
Master of Surgery in Ophthalmology	Madurai	84	4

Long term Fellowship Programmes for Ophthalmologists			
Fellowship in Cornea	Madurai	69	0
	Coimbatore	35	2
	Pondicherry	8	0
Fellowship in Glaucoma	Madurai	47	1
	Tirunelveli	14	0
	Coimbatore	26	0
	Pondicherry	9	0
Short Term Courses - For Ophthalmologists			
Diagnosis and Management of Glaucoma	Madurai	118	1
	Tirunelveli	150	2
	Coimbatore	114	2
	Pondicherry	4	0
IOL Microsurgery	Madurai	714	3
	Tirunelveli	279	0
	Coimbatore	221	0
	Pondicherry	13	0
Small Incision Cataract Surgery	Madurai	180	1
	Tirunelveli	120	1
	Coimbatore	146	0
	Pondicherry	29	1
Phacomulsification	Madurai	166	1
	Tirunelveli	89	1
	Coimbatore	126	1
	Pondicherry	25	3
Lasers in Diabetic Retinopathy	Madurai	282	1
	Coimbatore	279	1
	Pondicherry	7	0
Short term Training in Vitrectomy	Madurai	18	0
	Coimbatore	9	1
Ocularist	Madurai	28	1
Management of Retinopathy of Prematurity & Pediatric Retinal Disorders	Coimbatore	11	1
Management Courses			
Community Outreach & Social Marketing of Eye Care Services	LAICO	279	11
Instruments Maintenance Course			
Instrument Maintenance - Techniques	Madurai	443	6



PUBLICATIONS

- **OPHTHAL PLAST RECONSTR SURG. 2013 May 28. [E-Pub]**

Namrata Adulkar; Usha, Kim R; Shashikant Shetty

- Superior oblique muscle entrapment in orbital fracture presenting as acquired brown-like syndrome: A case report and review of literature [Article View](#)

- **PLOS ONE 2013 Jun. [E-Pub]**

Siva Ganesa Karthikeyan, R; Lakshmi Priya, J; Sixto M. Leal Jr; Jonida Toska; Arne Rietsch; Prajna, N Venkatesh; Eric Pearlman; Lalitha, Prajna

- Host response and bacterial virulence factor expression in pseudomonas aeruginosa and streptococcus pneumoniae corneal ulcers [Article View](#)



AUROLAB NEWS

Inauguration of 100KW Solar Power System in Aurolab

May 1



100KW Solar Power System was installed at Aurolab and the same was inaugurated by Mr. A.Nachadalingam-Chief Engineer-Tantransco-Madurai on the Aurolab building terrace. Mr.S.Sunderamam-Chief Engineer-Madurai Region-Tangedco and Mr. S. Eswara Subramanian-Superintending Engineer-Madurai-EDC-Tangedco were the chief guests. The function started by lighting the holy lamp by Aurolab Trustees and the chief guests. Special pooja was performed by Mr.Kesavan, Electrical Supervisor. Mr.Krishnakumar - Manager, Regulatory Affairs gave a detailed presentation about the Solar Power System functions and its benefits.



MONTHLY PATIENT STATISTICS

May - 2013										
Hospitals	Madurai	Theni	Tirunelveli	Coimbatore	Pondicherry	Dindigul	Tirupur	Salem	Udumalpet	Total
HOSPITAL OUT-PATIENT VISITS										
Paying (New & Review)	50,293	6,892	23,503	32,475	22,449	5,167	3,322	8,377	2,387	154,865
Free (Direct walk-in)	14,242	1,791	5,959	10,395	6,490	3	171	-	979	40,030
OUTREACH OUT PATIENTS										
Regular Eye Camps	8,000	1,016	3,527	5,393	5,764	-	-	245	-	23,945
Diabetic Retinopathy camps	358	156	-	1,132	364	-	-	194	-	2,204
Refraction Camps	846	511	968	1,034	229	-	-	-	-	3,588
Mobile Refraction Unit	-	470	-	-	-	-	-	-	-	470
School Screening camps	-	-	-	-	-	-	-	-	-	-
Pediatric Camps	91	-	-	107	275	-	-	-	-	473
Vision Centres	9,256	3,970	4,036	3,318	2,471	-	-	-	-	23,051
Community Eye Clinics	3,320	1,563	1,722	-	-	-	-	-	-	6,605
Total OP Examinations	86,406	16,369	39,715	53,854	38,042	5,170	3,493	8,816	3,366	255,231
SURGERIES										
Paying	3,294	385	1,165	1,663	1,151	184	93	347	88	8,110

Free (Direct)	3,403	228	855	1,661	827	36	44	43	79	6,916
Camp	2,991	181	841	1,227	1,808	-	-	153	45	7,500
Total Surgeries	9,688	794	2,861	4,551	3,786	220	137	543	212	22,526

