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## Aravind News Team

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## Quote

If your actions inspire others to dream more, learn more, do more and become more, you are a leader. - *John Quincy Adams*

## Editorial

Aravind Medical Research Foundation hosted a special meet for the members of the Institutional Review Board. This meeting aimed to give the audience a broad understanding of the current ethical guidelines in the Indian context. It would aid the researchers in formulating their clinical trials and the ethics committee members in evaluating clinical trials in the light of the current guidelines. The Institute also hosted a workshop to train young research scholars in proteomic techniques.

Aravind's training programmes are well sought-after across the world and as many as six thousand eye care professionals have been trained here. Considering the volume of trainees that Aravind is handling, it is equally important to have a common platform for the management of these training programmes. A special programme was arranged for the training coordinators across the centres to give practical exposure to the newly developed "Aurovikas" - course management software.

Aravind's plans for the year 2020 have clearly specified the importance of improving the specialty eye care delivery to reach out to more patients. Taking a step forward, glaucoma consultants and coordinators across the Aravind centres were brought together for a retreat at Pondicherry to conceptualise the future plans.

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

*Aravind News Team*

## AWARDS AND ACCOLADES

### Best Young Researcher Award for Lalan Kumar Arya

Trivandrum, June 22-23



Mr. Lalan Kumar Arya, Senior Research Fellow, Department of Microbiology, Aravind Medical Research Foundation has been awarded the "Best Young Researcher Award" for his study on "Molecular based Identification of Procerovum varium (Trematode: Heterophyidae) in children causing granulomatous uveitis" at the International Symposium on Intraocular Surgery (ISIS) 2013 organized by Chaithanya Eye Hospital and Research Institute at Trivandrum, Kerala. The award includes a certificate and cash prize worth Rs.15,000/-.



## NEWS AND EVENTS

### CME for Training Coordinators

LAICO, June 7-8

The fourth session of continuing education programme for training coordinators was conducted in the first week of June at LAICO and had Participants from Aravind - Madurai, Coimbatore, Tirunelveli and Pondicherry. The objective of the



programme was to provide practical exposure on the upgraded "Aurovikas" and to standardize communication letters for all the courses.

Mr. R.D. Thulasiraj gave the introductory address and Dr. R.D. Ravindran detailed the importance of training administration. Dr. G. Natchiar delivered an inspirational talk on the roles and responsibilities of training coordinators.



### Awareness Meet on Eye Donation

Madurai, June 14



Rotary Aravind International Eye Bank organized a meeting to enhance the eye donation activities at Government Rajaji Hospital, Madurai. Dr. Thiyagarajan, Chief of Ophthalmology Department, professors and PG students participated in the programme. Dr. N.V. Prajna, presented the current status of eye donation in India. Mr. Saravanan, Eye Bank Manager discussed the strategies to improve the present situation.



### Glaucoma Retreat

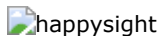
Pondicherry, June 29



Glaucoma specialists across the Aravind centres were called in for a special retreat at Pondicherry in the last week of June. The retreat was held at Ousteri Lake near Poonthurai. The retreat was mainly held to come up with a concrete developmental plan for the entire glaucoma services at Aravind in view of the Aravind 2020 goals. A total of 30 people, including glaucoma specialists, fellows, and MLOPs attended the retreat.



### Happy Sight Aravind-Madurai



Ms. Radhika Mala was suffering from defective vision from her early childhood. She was found to have gross ectropia lentis and glaucoma. A busy home maker, she is equally interested in drawing and other forms of art work. Severe vision problems interfered with her artistic creations and she became upset. After undergoing surgery at Aravind, her vision was improved to a great extent. She became extremely happy and has presented to the institution, this art work based on a painting done on wood. The picture shows a closed human eye depicting blindness. A human figure on the left signifies distress, while the human figure on the right shows happiness. Enmeshed in the centre is the organization's logo. She has made this picture as an expression of her joy of regaining vision.



## CONFERENCES ATTENDED ELSEWHERE

### CME on ocular inflammation - Challenging cases

Bangalore, June 2

Dr. Lalitha Prajna

- Cluster Endophthalmitis due to *Burkholderia cepacia*
- Ocular TB - role of molecular diagnostics



## International Symposium on Intraocular Surgery (ISIS)

Trivandrum, June 22-23



Dr. R. Venkatesh

- Recognize, regain control and react to PCR
- Early experience and results of AADI



## Workshop on Clinical Trials

Vellore, June 24 – 28



Dr. Manju Pillai, Mr. K. Jeyaram Illiyaraja and Mr. V. Vijayakumar attended the workshop on Clinical Trials at Christian Medical College Vellore, between June 24-28, 2013. The workshop covered fundamentals of clinical trials, consort guidelines, ethics in clinical research of FDA, ICMR, GCP guidelines, types of study designs, randomization etc.,



## LAICO HAPPENINGS

### Prof. Shrikant I Bangdiwala visits LAICO

LAICO, June 4-8

Prof. Shrikant I Bangdiwala from UNC Gillings school of Global Public Health, USA visited LAICO and had discussion with the faculty various fields of eye care research.



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

LAICO, June 14



The 33rd batch of the course was held in the second week of June and was attended by 11 participants from Nepal, Germany and India. The formal inauguration was held on June 17, 2013 and Dr. K. Ilango, Camp medical officer, Aravind – Madurai delivered welcomed the participants. Dr. G. Natchiar, Director-Emeritus and Dr. R.D. Ravindran, Chairman delivered the inaugural address and Mr. R Meenakshi Sundaram, Senior manager – Outreach provided the course overview.



### Vision Building and Strategic Planning Workshop

LAICO, June 22-28



Vision Building and Strategic Planning Workshop was organized for the staff of Fayoum Eye Hospital, Fayoum, Egypt, Dr. Shroff's Charity Eye Hospital, New Delhi, Sitapur Eye Hospital Uttar Pradesh, India and Lions Eye Hospital, Madanapalle. The workshop aimed at facilitating the hospitals to develop need-based targets and translates them into time bound strategies. The participants were exposed to different dimensions of eye care delivery such as comprehensive service delivery approach, resource utilization, quality assurance, evidence based decision making, leadership & governance and financial viability.





## ARAVIND MEDICAL RESEARCH FOUNDATION

### Training Programme for Members of Institutional Review Board

Aravind-Madurai, June 14



A special training programme was arranged for the members of the Institutional Review Board of Aravind Eye Care System, heads of speciality clinics, LAICO faculty and Aurolab senior staff. The key speakers were Dr.Vasantha Muthuswamy, Senior Deputy Director General (Retd), ICMR, President of Forum for Ethics Review committees in India and Dr.P.Paul Kumaran, Scientist D(Assistant Director-Medical), National Institute for Research in Tuberculosis (ICMR), Member - NIRT Institutional Ethics Committee. Dr. Lalitha Prajna welcomed all the members. Ethics of clinical research, ICMR guidelines and Good Clinical Practice were discussed during the programme.



### Workshop on Clinical Proteomics

June 24-26



The workshop funded by DBT, Govt. of India was organized by Department of Proteomics, Dr. G. Venkataswamy Eye Research Institute, Aravind Medical Research Foundation. The objective of this workshop was to train young research scholars in proteomic techniques. In addition, this workshop aimed to bring together clinician scientists as well basic science experts working on specific areas of proteomics, to share the various approaches that could be explored to address the clinical issues which include: early detection/diagnosis of disease; prediction of how a disease will behave over time and how a specific patient will respond to a given treatment; and identification of novel targets for therapeutic intervention. Of the selected 20 candidates, eighteen persons attended.



## TRAINING PROGRAMMES

Course title	Training Centre	Total Number Trained as on June 2013	Enrollments for July 2013
<b>Long term Fellowship Programmes for Ophthalmologists</b>			
<b>Fellowship in Retina - Vitreous</b>	<b>Madurai</b>	110	3
	<b>Tirunelveli</b>	7	0
	<b>Coimbatore</b>	39	1
	<b>Pondicherry</b>	15	1
<b>Fellowship in Glaucoma</b>	<b>Madurai</b>	48	0
	<b>Tirunelveli</b>	14	0
	<b>Coimbatore</b>	26	0
	<b>Pondicherry</b>	9	1
<b>Short term Fellowship Programmes - For International Candidates</b>			
<b>Fellowship in Orbit &amp; Oculoplasty</b>	<b>Madurai</b>	11	1
<b>Short Term Courses - For Ophthalmologists</b>			
<b>Diagnosis and Management of Glaucoma</b>	<b>Madurai</b>	119	1
	<b>Tirunelveli</b>	153	1
	<b>Coimbatore</b>	116	1
	<b>Pondicherry</b>	4	1
<b>Small Incision Cataract Surgery</b>	<b>Madurai</b>	181	3
	<b>Tirunelveli</b>	121	1
	<b>Coimbatore</b>	146	1

	<b>Pondicherry</b>	30	0
<b>Phacomulsification</b>	<b>Madurai</b>	167	1
	<b>Tirunelveli</b>	90	1
	<b>Coimbatore</b>	127	2
	<b>Pondicherry</b>	28	2
<b>Lasers in Diabetic Retinopathy</b>	<b>Madurai</b>	283	0
	<b>Coimbatore</b>	280	3
	<b>Pondicherry</b>	7	0
<b>Ocularist</b>	<b>Madurai</b>	29	1
<b>Management of Retinopathy of Prematurity &amp; Pediatric Retinal Disorders</b>	<b>Coimbatore</b>	12	2
<b>Training for Orthoptist</b>	<b>Madurai</b>	38	3
<b>Management Courses</b>			
<b>Eyexcel</b>	<b>LAICO</b>	172	34
<b>Eye Bank Course</b>			
<b>Training in Eye Bank Techniques</b>	<b>Madurai</b>	5	2



## PUBLICATIONS

- **INDIAN J OPHTHALMOL**

SR Rathinam, Manohar Babu

- *Algorithmic approach in the diagnosis of uveitis*

VOL: 61(6) 2013 JUN. P.255-262 [Article View](#)

- **INDIAN J OPHTHALMOL**

Yogish S Kamath, SR Rathinam, Ankush Kawali

- *Ocular toxoplasmosis associated with scleritis*

VOL: 61(6) 2013 JUN. P.295-297 [Article View](#)

- **INVEST OPHTHALMOL VIS SCI.**

Lechner J, Bae HA, Guduric-Fuchs J, Rice A, Govindarajan G, Siddiqui S, Abi Farraj L, Yip SP, Yap MK, Das MR, Souzeau E, Coster D, Mills RA, Lindsay R, Phillips T, Mitchell P, Ali M, Inglehearn CF, Sundaresan P, Craig JE, Simpson DA, Burdon KP, Willoughby CE

- *Mutational analysis of MIR184 in sporadic keratoconus and myopia*

2013 JUL 5. [Epub] [Article View](#)

- **LANCET GLOB HEALTH**

Nathan Congdon, Xixi Yan, Van Lansingh, Alemayehu Sisay, Andreas Müller, Ving Chan, Ling Jin, Mirjam E Meltzer, Sasipriya M Karumanchi, Chunhong Guan, Quy Vuong, Nelson Rivera, Joan McCleod-Omawale, Mingguang He

- *Assessment of cataract surgical outcomes in settings where follow-up is poor: PRECOG, a multicentre observational study*

VOL: 1(1) 2013 JUL. p.e37-45 [Article View](#)



## MONTHLY PATIENT STATISTICS

<b>June - 2013</b>										
Hospitals	Madurai	Theni	Tirunelveli	Coimbatore	Pondicherry	Dindigul	Tirupur	Salem	Udumalpet	Total
<b>HOSPITAL OUT-PATIENT VISITS</b>										
Paying (New & Review)	47,586	6,737	22,031	29,251	22,335	5,346	3,348	8,193	2,189	1,47,016
Free (Direct walk-in)	15,305	1,798	5,568	9,309	7,093	4	175	-	944	40,196

**OUTREACH OUT PATIENTS**

Regular Eye Camps	11,717	1,316	3,777	4,851	6,843	-	-	169	-	28,673
Diabetic Retinopathy camps	746	266	522	953	203	-	-	-	-	2,690
Refraction Camps	1,695	164	1,223	1,602	200	-	-	202	-	5,086
Mobile Refraction Unit	-	464	-	-	-	-	-	-	-	464
School Screening camps	-	-	-	-	-	-	-	1,493	-	1,493
Paediatric Camps	-	-	-	85	-	-	-	-	-	85
Vision Centres	10,094	4,261	4,208	3,453	2,682	-	-	-	-	24,698
Community Eye Clinics	3,475	1,518	1,861	-	-	-	-	-	-	6,854
<b>Total OP Examinations</b>	<b>90,618</b>	<b>16,524</b>	<b>39,190</b>	<b>49,504</b>	<b>39,356</b>	<b>5,350</b>	<b>3,523</b>	<b>10,057</b>	<b>3,133</b>	<b>257,255</b>

**SURGERIES**

Paying	3,061	377	1,030	1,411	1,048	183	88	342	57	7,597
Free (Direct)	3,776	247	854	957	859	34	55	34	80	6,896
Camp	3,314	186	1,312	1,171	1,719	-	-	106	45	7,853
<b>Total Surgeries</b>	<b>10,151</b>	<b>810</b>	<b>3,196</b>	<b>3,539</b>	<b>3,626</b>	<b>217</b>	<b>143</b>	<b>482</b>	<b>182</b>	<b>22,346</b>

