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## Quote

"The significant problems we face cannot be solved at the same level of thinking we were at when we created them."  
 - Albert Einstein

## AWARDS AND ACCOLADES

### Dr. Rathinam Sivakumar Receives FAMS Award

Chennai, October 13



Dr. Rathinam Sivakumar was awarded FAMS by the Tamil Nadu Dr. M.G.R. Medical University.

## SPECIAL EVENTS

### Dr. G. Venkataswamy Endowment Award and Oration

Aravind –Madurai, October 1

The fourth Dr. G. Venkataswamy Endowment Award was presented to Dr. Alan Lee Robin, Associate Professor  
[172.17.1.2/aravindnews/aravindnews.aspx?newsissuecode=NI00000118](http://172.17.1.2/aravindnews/aravindnews.aspx?newsissuecode=NI00000118)





Ophthalmology and International Health, Johns Hopkins University, US in appreciation and admiration of his outstanding and dedicated contribution to the cause of ophthalmology and prevention of blindness in the developing world in general and India in particular. Dr. R. Venkatesh, Chief Medical Officer, Aravind – Pondicherry welcomed the gathering and Dr. R. Ramakrishnan, Chief Medical Officer briefed the association between Alan and Aravind over the years. Dr. P Sathyan, chief, Glaucoma services, Aravind – Coimbatore garlanded Dr. Alan and Dr. P. Namperumalsay, Chairman Emeritus, AECS presented the citation. Dr. S.R. Krishnadas, Director – HR, AECS read the citation and the trophy was presented to Dr. Alan by Mr. G. Srinivasan, President – Govel Trust. Dr. Alan's oration was on *Combating Glaucoma in Resource Poor Settings: The Way Ahead*.



### Creating Awareness on World Sight Day

October 9-12, Aravind - Madurai



KANNAE NALAMAA- the grand exhibition was organized by Aravind – Madurai in commemoration of World Sight Day 2012. The whole idea of conducting the exhibition sprang up just a week before the World Sight Day and it was executed with utmost perfection. A huge model of the retina that welcomed one at the very beginning of the exhibition was truly amazing and was thoroughly enjoyed by the audience. An array of eye diseases along with preventive measures and treatment procedures was projected through the twenty stalls put up at the venue. The highlight of all these, was a model operation theatre along with video screening of cataract surgery. Though scary for a few, it was quite informative for most of them, who would

otherwise have never thought of seeing an eye surgery which was as good as a live one. Audience also had a glimpse into the life of the blind when they were made to walk through the make-shift dark pathway and were asked to play simple games blindfolded.

The exhibition was officially inaugurated by District Collector, Shri. Anshul Mishra in the presence of Aravind's senior management team. The exhibition received wide response from the public and as many as 6500 people including students visited the exhibition.



### Aravind-Salem

October 11



Aravind- Salem conducted awareness exhibition and a variety of activities, including puppet show on the of World Sight Day. The exhibition was inaugurated by Dr. Manohar Babu, Chief Medical Officer. More than 250 people visited the exhibition.



## NEWS AND EVENTS

### Vision Day Observed at Aravind

Aravind – Madurai, October 1

The birth anniversary of Dr. G. Venkataswamy, founder of Aravind Eye Hosital was celebrated as Vision Day across all the Aravind centres. At the special programme organized, staff shared their association with Dr. V. Bhajans weer sung and passages were read from the book, Vizhi Vaelvi and Infinite Vision.

As a fitting tribute to the founder, all the Aravind centres were flooded with patients and the staff stretched to serve as many as possible. A total of 12,237 patients were served across the system on the same day.

**New Orbit Clinic at Aravind – Tirunelveli**

Aravind – Tirunelveli, October 10



New and bigger Orbit Clinic was inaugurated by C.M.O Dr. R. Ramakrishnan, Chief Medical Officer. The function was attended by doctors, MLOPs and Admin staff.

**GLAUCONS 2012**

Aravind Eye Hospital, Coimbatore hosted Glaucons2012 - The 22nd Annual Conference of the Glaucoma Society of India (GSI) at Le Meridien Hotel in Coimbatore. The conference as a whole was a grand success with 601 registered delegates and faculty, including eminent foreign faculty such as Drs. Alan Robin, Paul Lee, John Fingert, Aravind Neelakanthan and Ramesh Ayalla from the USA and Dr. Aung Tin from Singapore.

Dr. R. Ramakrishnan, Chief Medical Officer, Aravind Eye Hospital - Tirunelveli welcomed the delegates. The scientific session was inaugurated by Dr. P. Namperumalsamy, Chairman Emeritus, Aravind Eye Care System in the

presence of Dr. Harsh Kumar, President of GSI, Dr. DevindraSood Secretary GSI and Dr. P. Sathyan organizing secretary Glaucons2012.

The three day programme included a first day of instruction courses and wetlab session on animal eyes for hands on glaucoma surgery for junior ophthalmologists, followed by two days of scientific deliberations. It was an excellent platform of interaction for ophthalmologist in practice and glaucoma specialists of national and international repute. Early morning session of breakfast with experts was organised and the delegates had a one to one interaction with the experts. Basics of glaucoma diagnosis and management was discussed at length so as to emphasise the importance of case detection by way of opportunistic screening of patients. Advanced glaucoma treatment options were elaborately debated upon and their suitability for the Indian scenario was argued.

There was a good representation from the pharmaceutical industry with as many as 29 stalls installed at the venue for display of relevant products and devises related to glaucoma care.

**Dr.Usha Kim as guest faculty at E.M.G.Yadava College for Women**

Madurai, October 6



Hello FM invited Dr.Usha Kim as guest faculty for the programme Hello Ladies Day. The programme was held at E.M.G Ydava Women's College, Tiruppalai, Madurai on October 6th October at Tiruppalai, Madurai.

**PHACOEXCEL 2012**

Aravind – Madurai, October 12 – 14

More than 150 delegates participated PHACOEXCEL organized by the in the meeting and attended lectures which were discussed by the Department of Cataract and IOL services, Aravind. Guest faculty included Dr. Alan Crandall, Dr. Geoff





Tabin, Dr. George Beiko and Dr. Prema Padmanabhan and they contributed immensely to the scientific sessions. Live surgery telecast included an array of different phaco technologies and IOLs in the management of difficult cataracts. Around 30 delegates participated in wetlab phacoemulsification training on model eyes and EyeSi simulator.



### Dr. Usha Kim at IIM – Bangalore

Bangalore, October 19



Indian Institute of Management, Bangalore, Dr. Usha Kim was invited as faculty for panel discussion on "Sustainable social initiatives of Aravind Eye Care". The programme was organised as part of the inauguration of a one-day medical intervention camp.



### Awareness Talk on Dengue Fever

Aravind – Madurai, October 20

In view of the increasing incidence of Dengue fever, an awareness talk was arranged at Aravind–Madurai to sensitise the staff on the seriousness of the disease and to suggest measures for the prevention of the same.



### Synapse 2012

Pondicherry University, October 20



Dr. R. Venkatesh, Chief Medical Officer, Aravind - Pondicherry was invited as a guest speaker for Synapse 2012 organized by Department of Management Studies, Pondicherry University. He delivered a talk on "Transforming Thoughts" of Aravind Eye Care System.



### Visit to Sri Sarada Ashram, Ulundurpet

Ulundurpet, October 22



Staff of Aravind Pondicherry including doctors and nurses visited Sri Sarada Ashram as part of Navarathri festival.



### Visit by Students and Faculty of Indian Institute of Technology Madras

Aravind – Pondicherry, October 24

Twenty engineering students along with a faculty, Dr Rama S. Verma Ph. D. FAMI Professor, Stem Cell and Molecular Biology laboratory and Health Care Management from IIT, Madras visited Aravind – Pondicherry as part of their curriculum. Genesis of Aravind Eye Care System was presented and the team was taken on a hospital tour. The team had detailed discussions with Dr. R. Venkatesh on the various management innovations at Aravind.



### Training on Eye banking

Narimedu, Madurai, October 26



Team from Rotary Aravind International Eye Bank consisting of Mr. D. Saravanan and Mr. K. Saravanan took a training session on eye banking for the staff of Saravana Hospital, Madurai. The aim of the whole programme was to build the capacity of the staff of Saravana hospital towards eye donation and implement the Hospital Corneal Retrieval Programme (HCRP) in an effective way. Eye Donation and its importance, Demand and supply, eye bank activities, HCRP and its effectiveness, Role of Individual and hospitals, Referral system were the main points stressed during the training.



### Valedictory Function of Instruments Maintenance Course

Aravind – Madurai, October 27



Valedictory function of the 79th Instruments Maintenance Course was held at Aravind – Madurai. Five technicians, one each from Nigeria, Tanzania, two from Andhra Pradesh and one from Madurai Aravind) underwent the course. Dr. S. Srinivasan of Sri Ramachandra Eye Hospital, Madurai, an alumnus of Aravind, gave away the certificates and tools kit to the trainees. Dr. George, Glaucoma Specialist graced the occasion and they both blessed the trainees to do a good job of maintaining the instruments in their respective hospitals. Sriramachandra Eye Hospital is one of the hospitals where the trainees go for external practical training towards the end of their course. Ms. R Jeyalakshmi was the chief instructor for the course.



### Vision Genomics

Dr.G.Venkataswamy Eye Research Institute, Madurai, October 3 - 9



The last workshop in the October Summit was attended by twenty three participants from various parts of India including research scholars/post graduate students in the field of life sciences. The programme involved individual hands on training on various molecular techniques. Faculty for the workshop included Dr. Wallace Alward, Dr. John Fingert from University of Iowa, USA; Dr. Colin Willoughby from Queens University, Belfast, UK; Dr. G. Kumaramanickavel, Dr. Kunalray, Dr. Subhabrata chakravarti; Dr. Thangaraj, Dr. Krishnaswamy, Dr. Karuthapandian. Aravind faculty also joined in facilitating various sessions. This workshop provided the participants, an opportunity to understand the applications of different molecular techniques

and emerging technologies in the field molecular genetics. This programme was supported by Department of Biotechnology, Indian Council of Medical Research, Government of India.



### Visitor to AMRF

AMRF, October 17 - 22

Dr. Colin E. Willoughby, Senior Lecturer and Consultant Ophthalmic Surgeon, Centre for Vision and Vascular Science, Queen's University Belfast, United Kingdom visited Aravind Medical Research Foundation and met all the senior members at Aravind for possible collaboration in genetics of cornea and glaucoma. He also had discussions with the faculty and students at Aravind Medical Research Foundation. He delivered a guest lecture in the grand rounds entitled Genetic Diagnosis in Clinical Ophthalmology.



## CONFERENCES ATTENDED ELSEWHERE

### 15th Annual State ENT Conference

Kodaikanal, September 28-30

Dr. Usha Kim

- *Orbital manifestations of ENT diseases*



### National Retinoblastoma Registry Meet

New Delhi, October 3

Dr. Usha Kim was the 6th PI (Principle Investigator) at the meeting of the National Retinoblastoma Registry held at National Institute of Pathology, Safdarjung Hospital, New Delhi.



### Annual Conference of Glaucoma Society of India – GLAUCONS 2012

Coimbatore, October 5-7



Dr. R. Venkatesh

- *Carbon dioxide laser assisted deep sclerectomy surgery - our experience*  
 - *How should I manage a bleb leak post operatively*

Dr. Venkatesh, Dr. Ganesh Raman and Dr. Murali Ariga participated in the debate entitled "*Glaucoma civil war – Pandiyan Kings*" and also in the discussion on glaucoma publication from India.

Dr. S. Kavitha

- *Importance of family screening in angle closure glaucoma*

Dr. K. Palaniswamy and Dr. Kavitha were the instructors during the Wet lab session. Dr. Kunal Nikcle attended the conference.

#### E-Posters:

Dr. Arjit Mitra

- *Ahmed Glaucoma Valve (AGV) in refractory glaucoma - outcome, complications & management of complications*  
 - *Effectiveness of different screening modalities in diagnosing glaucoma and prevalence and need for glaucoma screening at the community Outreach programmes in the rural population*  
 - *To quantify and document the numerical change in anterior segment parameters in primary angle closure suspects pre and post Laser Peripheral Iridectomy (LPI) on immediate and long term follow up*

Dr. Praveen Kant Sharma

- *Outcome of trabeculectomy with mitomycin-C in the glaucoma secondary to iridocorneal endothelial syndrome (best e-poster award)*

Dr. Gajanan D C

- *Case report: Ghost cell glaucoma following radiation therapy to adeno cystic carcinoma of lacrimal gland*

Dr. P. Sathyan

- *Outcomes of primary trabeculectomy with MMC (0.02%) for primary glaucomas*  
 participation in instruction courses:

Dr. R. Ramakrishna, Dr. Murali Ariga

- *Interpretation and analysis of visual fields*

Dr. R. Venkatesh, Dr. S. R. Krishnadas, Dr. Arup Chakraborty

- *Trabeculectomy and beyond*

Dr. Manju Pillai facilitated the quiz prelims session.



Dr. R. Ramakrishna, Dr. Mohideen Abdul Kader, Dr. S.R. Krishnadas, Dr. George Varghese Puthuran, Dr. R. Sharmila, Dr. Manju and Dr. Ganesh V Raman facilitated the wetlab session.

Dr. Murali Ariga

- *Which is the best perimeter for my practice?*

Dr. S.R. Krishnadas

- *A critical evaluation of epidemiological studies from Indis: ACES*

- *When should I consider*

Dr. Mohideen Abdul Kader

- *A study of initial therapy for glaucoma in southern India: Glaucoma outcomes and treatment (INGOT study)*

Dr. Manju R Pillai

- *Today is there a role for non-penetrating glaucoma surgery in an Indian ophthalmologist's practice?*

Dr. George V Puthuran

- *In what way are eyes with pseudo exfoliation different from those without – things to keep in mind when planning treatment for such patients*

Dr. R. Sharmila

- *Which medication for glaucoma is safe in infants and children?*

Dr. Ronnie George

- *When should I call an angle occludable? When should I treat an occludable angle?*

Aravind team consisting of Dr. Saumendra Nath Ghose and Dr. Lipi Chakraborty became the winners of the Glaucoma Quiz conducted as part of the conference.



### 8th International symposium on Uveitis

Halkidiki, Greece, October 19 – 22



Dr. Rathinam Sivakumar

- *Methotrexate Vs. Mycophenolate mofetil : Results of a randomized clinical trial*



### 23rd Annual Conference of the Oculoplastic Association of India

Amritsar, Punjab, October 26-28

Dr. Usha Kim

- *Let's Interact- Interesting case discussion*

- *Management of ptosis with marcus gunn phenomenon*

- *Pearls and pitfalls in ptosis management*

#### Free Papers:

Dr. Namrata Adulkar, Dr.Usha Kim, Dr Shilpa Taneja Mittal

- *Adenoid cystic carcinoma of the lacrimal gland: clinical features, management and outcome*

Dr. Vidhya N, Dr.Usha Kim

- *Visual outcome of optic nerve sheath fenestration in patients with papilledema*

Dr. Namrata Adulkar, Dr. Usha Kim, Dr Shilpa Taneja Mittal

- *Orbital lymphoma: what to expect and how to manage?*

Dr. Namrata Adulkar, Dr. Usha Kim, Dr Bijnya Birajita Panda

- *Phakomatouschoristoma within corneal stroma – a rare presentation*

#### E- Posters

Dr Usha Kim, Dr Namrata Adulkar, Dr Bijnya Panda

- *Superior oblique muscle entrapment in orbital fracture presenting as acquired Brown's syndrome*

Dr Namrata Adulkar, Dr N Vidhya, Dr Usha Kim, Dr Bijnya Panda

- *Ocular metastasis as the first sign of bronchogenic carcinoma*

Dr.Namrata Adulkar, Dr Shilpa Taneja Mittal

- *Clinical analysis of metastatic orbital tumors*



### Clinical Health Informatics Leadership meeting

Cardiff, London, October 26

Mr. R.D. Thulasiraj delivered a talk on the Aravind model of delivering low cost eye care at the Clinical Health Informatics Leadership (CHIL) meeting with an audience that consisted of IT personnel, consultant ophthalmologists from the UK and various representatives from companies like, Allergan, Hiedelberg, Alcon, Kowa etc show casing software for IT development and telemedicine.



### Emerge Conference 2012

Oxford, London, October 27-28



R.D. Thulasiraj

- *The secret to achieving scale: Having a "killer" business model*



## HUMAN RESOURCE DEVELOPMENT

### Gandhi Quiz

Aravind – Madurai, October 19



To familiarize the staff with the principles of Mahatma Gandhi and the life led by him, a special quiz competition was arranged at Aravind – Madurai. The resource book for the quiz was his autobiography "The Story of My Experiments with Truth". The written prelims was conducted on October 17 and 5 teams were selected for the final round. The team consisting of Ms. Regitha, Ms. Chinnathai and Ms. A.S. Priyanka from the Orbit and Oculoplasty clinic became the winners.



### Hospital Day Celebrations

Aravind - Tirupur, October 20



Aravind Eye Hospital, Tirupur celebrated its second anniversary in the last week of October. Dr. Selvi Selvakumar Chief Medical Officer welcomed the gathering and presented the annual report. Chief Guest, Dr. R.D. Ravindran delivered a special address. Mr. G. Srinivasan, President, GOVEL Trust offered felicitations. Mr. R.D. Thulasiraj, Executive Director - AECS distributed prizes to the winners of the various competitions held as part of the anniversary celebrations. Mr. Chidambaram, Manager delivered a vote of thanks which was followed by cultural programme and dinner.



### Navratri Celebrations and Sarawathy Pooja at Aravind Hospitals

October 15

Aravind Eye Hospitals celebrated the Navratri festival on a grand scale. At Aravind – Madurai and Coimbatore, the special Garbha and Dandiya dance by the Gujarati community added colour to the whole show. The highlight of the program was the special dance towards the end in which the nurses and doctors danced along for a Gujarati folk song. The display of Golu arrangement was really eye-catching. Saraswathi Pooja, a ritual worship that invokes the energy of Goddess Saraswathi, the deity of knowledge was also performed at the various centres.





## LAICO HAPPENINGS

### Developing Research Capabilities and Assessing Research Priorities in Glaucoma

LAICO, October 1-2



Around 50 participated. Dr. Alan Robin, Johns Hopkins University, US; Dr. Paul Lee, W.K. Kellogg Eye Center, Michigan, US; Dr. John Fingert, University of Iowa, US; Dr. Joel S Schuman, Fox Vision Restoration of UPMC, Pittsburgh; Dr. Wallace L M Alward, University Of Iowa Hospital & Clinic, US; Dr. Ken Nischal, University of Pittsburgh Medical Center, Pittsburgh Dr. Pararajasegaram, Former Consultant, WHO Geneva.

### Lions Conclave

Siliguri, October 14

A total of 125 participants from 33 Lions Eye Hospitals of Lions Multiple 322 participated in the conclave. Mr. R. Meenakshi Sundaram, Mr. Mohammed Gowth, Ln Pid AP Singh, Ln Pid Bishnu Bajoria, Lions Director Mrs Sangeetha, PDG karnaney from Jorhat and Dr Divyesh Shah were the resource persons.

### SF 1588-Enhance Eye Care Services at Lions Eye Hospitals in India – Vision Building and Strategic Planning Workshop

LAICO, October 28-31



Specially designed Vision Building Workshop as part of SF-1588 project is currently underway at LAICO with eighteen participants from seven Lions Eye Hospitals. The Workshop began on October 28 with welcome address by Dr. Kim, Chief Medical Officer, Aravind – Madurai, Dr. Jayenth Parekh, Chairman, Sight First MD 323 and Ln. N A K Gopalakrishna Raja, Project Chairperson SF 1588. Dr. R.D. Ravindran, Chairman, Aravind Eye Care System delivered the keynote address and Mr. Mohammed Gowth, faculty, provided the workshop overview.

[Click here to view Consultancy statistical report](#)

## INTERNAL CAPACITY BUILDING

### Dr. S. Senthilkumari's visit to the US

AMRF, July 7 – October 3

Dr. S. Senthilkumari, Scientist, Dept. of Ocular Pharmacology, Aravind Medical Research Foundation (AMRF), Dr. G. Venkataswamy Eye Research Institute spent 3 months at Dr. Paul Kaufman's Laboratory in the Dept. of Ophthalmology and Visual sciences, University of Wisconsin (UW), Madison to carry out studies on "Understanding the Role of Endocannabinoids in the Regulation of Trabecular Meshwork (Conventional) Outflow – Implications in Glaucoma Therapy" under DBT-CREST Award (2011-12) by the Department of Biotechnology, New Delhi, India. She has carried out some specified objectives using monkey eyes and generated some preliminary data which would help her to develop a major



grant in collaboration with UW, Madison, USA. Earlier this year, she also got funding to establish Human Organ Culture Anterior Segment (HOCAS) system in AMRF from Aravind Eye Foundation. A new equipment has been purchased for this project. She also received an additional training on the workflow of the equipment in association with Dr.Kaufman's lab personnel at UW, Madison.

She visited Dr. Mike Fautsch's laboratory in the Department of Ophthalmology at Mayo Clinic, Rochester, Minnesota to understand their anterior segment organ culture system using human donor eyes as a part of her training. She learnt the whole workflow of the system from dissection of

human eyes to data interpretation.

The experience gained in 3 months on various aspects of organ culture will be sufficient enough to establish such technique in AMRF. Through this facility, it would be possible to establish AMRF as a worldwide resource to glaucoma research group (both national and international) in developing a new therapeutic agent (s) for treating glaucoma. This system not only helps develop drugs for glaucoma and also aids in the better understanding of disease pathogenic mechanisms involved in glaucoma.



## TRAINING PROGRAMMES

Course title	Training Centre	Total Number Trained as on September 2012	Enrollments for October 2012
<b>Residency Programmes for Ophthalmologists</b>			
<b>Diplomate of National Board</b>	<b>Madurai</b>	63	0
	<b>Coimbatore</b>	36	0
	<b>Tirunelveli</b>	61	0
	<b>Theni</b>	15	2
	<b>Pondicherry</b>	21	0
<b>Long term Fellowship Programmes for Ophthalmologists</b>			
<b>Fellowship in Anterior Segment / Intraocular Lens Surgery</b>	<b>Madurai</b>	125	1
	<b>Tirunelveli</b>	12	0
	<b>Coimbatore</b>	29	0
	<b>Pondicherry</b>	20	0
<b>Fellowship in Cornea</b>	<b>Madurai</b>	63	1
	<b>Pondicherry</b>	7	0
	<b>Coimbatore</b>	35	0
<b>Fellowship in Glaucoma</b>	<b>Madurai</b>	43	1
	<b>Tirunelveli</b>	13	0
	<b>Coimbatore</b>	25	0
	<b>Pondicherry</b>	8	0
<b>Short Term Courses - For Ophthalmologists</b>			
<b>Diagnosis and Management of Glaucoma</b>	<b>Madurai</b>	116	0
	<b>Tirunelveli</b>	146	0
	<b>Coimbatore</b>	111	0
	<b>Pondicherry</b>	3	1
<b>Small Incision Cataract Surgery</b>	<b>Madurai</b>	174	2
	<b>Tirunelveli</b>	116	0
	<b>Coimbatore</b>	138	1

	<b>Pondicherry</b>	24	1
<b>Lasers in Diabetic Retinopathy</b>	<b>Madurai</b>	272	1
	<b>Coimbatore</b>	267	2
	<b>Pondicherry</b>	6	0
<b>Phacomulsification</b>	<b>Madurai</b>	154	2
	<b>Tirunelveli</b>	87	0
	<b>Coimbatore</b>	110	0
	<b>Pondicherry</b>	21	1
<b>Short Term Course in Optical Dispensing</b>	<b>Madurai</b>	166	5
<b>Instrument Maintenance Course</b>			
<b>For Ophthalmologist</b>	<b>Madurai</b>	32	1
<b>For Technicians</b>	<b>Madurai</b>	436	5

[Click here to view Training Programme full statistics](#)



## PUBLICATIONS

- **OPHTHALMIC EPIDEMIOLOG.**

2012 AUG 16. [Epub]

Sengupta S, Thiruvengadakrishnan K, Ravindran RD, Vaitilingam MC.

- *Changing Referral Patterns of Infectious Corneal Ulcers to a Tertiary Care Facility in South India - 7-year analysis*  
[article view](#)

- **INDIAN J OPTHALMOL**

VOL: 60(5) SEP.-OCT. P.351-357

Babar M Qureshi, Rabi Mansur, Abdulaziz Al-Rajhi, Van Lansingh, Kristen Eckert, Kunle Hassan, Thulasiraj Ravilla, Mohammad Muhit, Rohit C Khanna, Chaudhry Ismat

- *Best practice eye care models* [article view](#)

- **INDIAN J OPTHALMOL**

VOL: 60(5) SEP.-OCT. P.376-379

Thulasiraj D Ravilla, Dhivya Ramasamy

- *Advocacy for eye care* [article view](#)

- **JOURNAL MEDICAL MICROBIOLOGY.**

2012 Sep 6. [Epub ahead of print]

Subha Sivakolundu, Rathinam Sivakumar, Gowri Priya Chidambaranathan and Manjula Sritharan

- *Serological diagnosis of leptospiral uveitis by HbpA-IgG ELISA* [article view](#)

- **AM J OPTHALMOL.**

2012 Sep 5. [Epub ahead of print]

Lalitha P, Srinivasan M, Rajaraman R, Ravindran M, Mascarenhas J, Priya JL, Sy A, Oldenburg CE, Ray KJ, Zegans ME, McLeod SD, Lietman TM, Acharya NR.

- *Nocardia Keratitis: Clinical Course and Effect of Corticosteroids.* [article view](#)

- **INVEST OPTHALMOL VIS SCI.**

2012 OCT 11. [Epub]

Sundaresan P, Vashist P, Ravindran RD, Shanker A, Nitsch D, Nonyane BA, Smeeth L, Chakravarthy U, Fletcher AE.

- *Polymorphisms in ARMS2/HTRA1 and complement genes and age-related macular degeneration in India: findings from the INDEYE study* [article view](#)

- **OPHTHALMIC SURG LASERS IMAGING.**

2012 JUL 1;43(4):284-90.

Manayath GJ, Narendran V, Arora S, Morris RJ, Saravanan VR, Shah PK.

- *Graded subthreshold transpupillary thermotherapy for chronic central serous chorioretinopathy* [article view](#)



## AUROLAB NEWS

### Motivational Lecture for Production Staff



Aurolab, August 10

A motivational session by Brahmakumari's Sangam was organized for the production staff at Aurolab. Tips on relaxing the mind and to avoid negative thoughts were stressed during the session.



### Navratri Celebrations and Saraswathy Pooja at Aurolab

Aurolab, October 15

Elaborate celebrations were organised at Aurolab on the occasion of Navratri celebration and Saraswathi pooja. Special Rangoli were drawn and offerings were made to the deity.



### Continuing Technical Education

Aurolab, October 27-28



Continuing Technical Education (CTE) training programme was organised for Aurolab production staff. Update on the new products of each division was given. Sessions also focused on sterilization and anatomy of the eye. The participants were briefed on judicious use of electricity, importance of team work, marketing and its process and so on.



## MONTHLY PATIENT STATISTICS

October - 2012											
Hospitals	Madurai	Theni	Tirunelveli	Coimbatore	Pondicherry	Dindigul	Tirupur	Salem	Udumalpet	Total	
<b>HOSPITAL OUT-PATIENT VISITS</b>											
Paying (New & Review)	40,073	6,805	20,847	29,637	18,841	4,665	3,158	7,437	2,282	133,745	
Free (Direct walk-in)	12,057	1,832	5,724	9,202	6,055	3	106	-	997	35,976	
<b>OUTREACH OUT PATIENTS</b>											
Regular Eye Camps	7,629	3,051	3,773	6,527	4,149	-	123	88	-	25,340	
Diabetic Retinopathy camps	194	224	-	938	613	-	-	-	-	1,969	
Refraction Camps	985	718	780	1,542	420	-	-	-	-	4,445	
Mobile Refraction Unit	-	500	-	-	-	-	-	-	-	500	
School Screening camps	7,707	123	1,754	43,783	5,548	-	424	-	-	59,339	
Paediatric Camps	210	-	-	-	-	-	-	-	-	210	
Vision Centres	8,916	4,145	4,289	2,716	2,224	-	497	-	-	22,787	
Community Eye Clinics	3,205	1,675	1,597	-	-	-	-	-	-	6,477	
<b>Total OP Examinations</b>	<b>80,976</b>	<b>19,073</b>	<b>38,764</b>	<b>94,345</b>	<b>37,850</b>	<b>4,668</b>	<b>4,308</b>	<b>7,525</b>	<b>3,279</b>	<b>290,788</b>	

<b>SURGERIES</b>										
Paying	3,522	349	902	1,278	865	115	97	289	71	7,488
Free (Direct)	2,216	192	602	1,098	533	38	26	25	85	4,815
Camp	2,483	313	855	1,782	973	-	9	198	-	6,613
<b>Total Surgeries</b>	<b>8,221</b>	<b>854</b>	<b>2,359</b>	<b>4,158</b>	<b>2,371</b>	<b>153</b>	<b>132</b>	<b>512</b>	<b>156</b>	<b>18,916</b>

