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Quote

It is difficult to get rid of all habits. They must be faced with a steady determination – The Mother

Editorial

With Dr. V's birth centenary getting closer, all the centres of Aravind are vibrant with several activities to commemorate the unique occasion and to pay tribute to the noble soul. Several programmes have been planned, many already underway to celebrate this occasion in the most meaningful way.

The success of the vision centre model has attracted several eye care providers and governments. Aravind provides guidance and support to set up vision centres in their regions. As part of this, Aravind has been working with the Govt. of Bangladesh towards setting up similar centres all over the country. A team from Aravind visited National Institute of Ophthalmology and gave all the necessary support in establishing vision centres, which will soon be opened for the benefit of a large number of people.

Aravind's resident, Dr. K V Vaishali came out in flying colours at the recently held MS Ophthal university examinations receiving two gold medals.

News about these and many more feature in this issue.

AWARDS AND ACCOLADES

Dr. MGR Medical University Gold Medal for Dr. Vaishali K V

Aravind-Madurai



Dr. Vaishali K V emerged as the university topper in the state of Tamil Nadu in the Post Graduate Degree course – MS Ophthalmology examinations. She won Thiru. C.K. Kumaraswamy 51st birthday commemoration Gold Medal for securing the highest mark and Dr. Rema Mohan Gold Medal.



Awards at Annual Conference of Indian Eye Research Group

Hyderabad, July 27-29



Ms. S. Yogapriya and Ms. K. Lavanya, Department of Stem cell Biology received the best poster award. Ms. V. Lakshmi Prabha, Ms. V. Nivetha and Ms. T. Madhumithra won second prize in the quiz competition.



Award for Senior MLOPs

Aravind-Tirunelveli, July 29



Senior MLOPs - Ms. M.N. Chidambaram, Nursing Superintendent; Ms. V. Arumugam, Deputy Nursing Superintendent; Ms. E.M. Maruthammal, Performer - Counselling; Ms. R.A. Ramalakshmi, Supervisor - Counselling; Ms. V.G. Prema Baby, OP department; Ms. V.G. Viji Kala, OP staff; Ms. G.V. Susi Selvi, OT staff and Ms. S. Sathya, Supervisor - OT were appreciated with Certificate of Achievement for their selfless and efficient work in their respective departments. A special function was organized by the Lions Club of Tirunelveli Cosmos during which the certificates were given.



NEWS AND EVENTS

Skill Enhancement for Eye Counsellors

Aravind-Chennai, July 6-7



The series of workshop was started with a view to enhance the knowledge and skill of eye care counsellors. Counsellors assist patients in decision-making by giving detailed information about the surgical procedure, pre-operative care, post-operative care, discharge and follow-up. This builds confidence among patients and enhances patient satisfaction. The focus of the workshop is on improving knowledge about the clinical condition, treatment procedures, ophthalmic products and enhancing skills for effective counselling. The first in the series of this workshop was held at Aravind-Chennai with 29 participants.



Mission Day

Aravind July 7



All centres including Aurolab observed Mission Day on the 12th memorial day of Aravind's beloved founder, Dr. G. Venkataswamy. Staff members paid homage to Dr.V by observing a moment of silence. A video about Dr.V was screened. Senior members shared about their experiences of working with Dr. V.



Newer insights in Cornea, Dry Eye & Glaucoma

Aravind-Chennai, July 14



About 20 young ophthalmologists from various parts of India who have recently completed their ophthalmology training programme participated in this workshop conducted in association with Pfizer. The programme covered both basics and advances in Glaucoma, Cornea and Dry eye. Eminent speakers from Aravind centres and other hospitals in and around Chennai handled the sessions.



Special Camp for Coast Guard Employees

Aravind-Tuticorin, Thursday, 05 July 2018



A goodwill camp was conducted for Coast Guard staff and their family members at Indian Coast Guard Quarters by Aravind Eye Hospital, Tuticorin. The camp was inaugurated by Tuticorin Collector Mr.Sandeep Nanduri along with Coast Guard DIG SB.Venkatesh.



CONFERENCES ATTENDED ELSEWHERE

Annual Conference of Asia – Pacific Tele-ophthalmology Society

Singapore, July 6-8



Dr. Karthik Srinivasan

- *Tele-Ophthalmology initiatives in India – Aravind's experience*

Dr. Sankalp Sharma

- *Routine fundus photography screening for posterior segment disease in vision centres: A stepped-wedge, cluster randomised trial in south India*

Sanil Joseph

- *Effectiveness of teleretinal imaging in identifying diabetic retinopathy compared with universal referral – A cluster randomised trial*

Dr. Sankalp Sharma and **Mr. Sanil Joseph** received travel grant to attend the conference.



Ocular Traumacon - 2018

Chennai, July 13-15

Dr. R. Kim

- *Traumatic globe perforation management*

Dr. Naresh Babu

- *Traumatic dislocated crystalline lens management*



25th Annual Conference of ARVO-India – Indian Eye research Group Meeting

Hyderabad, July 27-29, 2018



Dr. P. Namperumalsamy delivered a special talk on the foundation of the IERG of which he was one of the founding members. R.D. Thulasiraj and Dr. Jill Keeffe ran an instruction course titled Bench to Bedside to the Population. The course aimed to provide an understanding about the process as to how the knowledge gained through research can be acted upon and applied.

Prof. K. Dharmalingam chaired Prof. D. Balasubramanian oration lecture. Dr. P. Sundaresan chaired the session on Molecular mechanisms in eye diseases. Dr. Lalitha Prajna chaired the session on Combating ocular infections. The following faculty members gave lectures during the pre-conference workshop on themes related to their area of research: Dr. C. Gowripriya on Ocular stem cells and regenerative medicine, Dr. S. Senthilkumari on Cell culture models in ocular pharmacology research, Dr. Bharanidharan on MicroRNAs and ocular infections, Dr. Lalitha Prajna on Proteomics approach to understand mycotic keratitis and Mr. R. D. Thulasiraj on IOL initiatives in India.

P. Saranya

- *Presence of Stem cells in the central region of the human anterior lens epithelium*

Ms.S.Yogapriya

- *Age related reduction of stem cells in native human trabecular meshwork cells*

Ms.K.Lavanya

- *Association of hsa-mir-143-3p in the regulation of corneal epithelial stem cells*

Ms.T.Shanthini

- *RB1 promoter methylation analysis in Retinoblastoma patients*

Ms. V.Lakshmi Prabha

- *Comparative analysis of the exoproteome of Aspergillus flavus spores during the early stages of growth: saprophyte versus corneal isolate*

Mr.R. Kadarkarai Raj

- *Molecular genetics of abca4 gene in Stargardt Disease*

Ms.T.Madhumithra

- *Differential expression of genes related to steroid responsiveness in human trabecular meshwork cells*

Dr.S.Uma Devi

- *Metadata analysis towards the identification of dysregulated metabolic pathways in neovascular age related macular degeneration*

Dr. O.G. Ramprasad

- *Exploration of a novel chemical cross-linker for the treatment of Keratoconus*

Ms. K.Lavanya, Ms.P.Saranya, Ms.T.Shanthini, Mr.R.Kadarkarai Raj, Dr.S.Umadevi and T.Madhumithra were selected for travel grants.

**LAICO HAPPENINGS****Eyexcel Global – Nepal**

Bhairava, Nepal, 25 - 28 July 2018



For the first time, SEVA Foundation in association with LAICO organized "Eyexcel Global" at Nepal. Sr Rajeshwari V R, Supervisor – Refraction and Ms. Lakshmi. R, Manager, HR, Aravind-Tirunelveli were invited as guest speakers. The workshop was organized at Lumbini Eye Institute, Bhairava. 21 participants from 8 eye Hospitals of Nepal attended.

**Setting up of Vision Centres in Collaboration with the Govt. of Bangladesh**

Bangladesh, July 27- August 15



In collaboration with National Institute of Ophthalmology, Bangladesh, Aravind works to replicate the vision centre model in the country. As part of this, Aravind team consisting of Dr. Arkaprava Pradhan, Mr.Mohammed Gowth, Mr. Oliver Selvam, Ms. Shanmuga Sundari and Ms. Rajathi visited NIO to help setup several vision centres pan Bangladesh.

**Eyexcel 2018**

LAICO, July 16-20



The tenth batch of Eyexcel training programme was held at LAICO with 30 participants from countries such as India, Egypt, Bangladesh and Kenya.



TRAINING PROGRAMMES

Enrolments for July 2018 at Aravind Eye Care System		
Course title	Training Centre	Enrolments for July 2018
Long Term Fellowship Programs - For Ophthalmologists		
Fellowship in Retina vitreous	Madurai	1
	Pondicherry	1
Fellowship in Anterior Segment / Intraocular Lens Surgery	Coimbatore	2
Fellowship in Glaucoma	Madurai	2
	Chennai	1
	Coimbatore	1
Fellowship in Orbit & Oculoplasty	Madurai	1
Fellowship in Paediatric Ophthalmology & Strabismus	Madurai	1
	Pondicherry	1
Fellowship in Cornea	Madurai	1
Fellowship in General Ophthalmology	Coimbatore	2
Short Term Fellowships - For Ophthalmologists		
Short term fellowship in orbit and oculoplasty	Madurai	1
Short Term Clinical Courses - For Ophthalmologists		
Clinical Observership Program In Diagnosis and Management Of Glaucoma	Madurai	1
	Coimbatore	1
	Tirunelveli	1
Lasers in Diabetic Retinopathy	Coimbatore	2
	Madurai	2
	Tirunelveli	1
Neuro Ophthalmology	Madurai	1
Management of Retinopathy of Prematurity	Coimbatore	1
Phacoemulsification	Madurai	1
Small incision cataract surgery	Pondicherry	2
Paramedical Courses		

Orthoptist	Madurai	2
Ocularist	Madurai	1
Management courses		
Eyexcel – Excellence in Eye Care Training	LAICO	31



PUBLICATIONS

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- Venu Gopal Reddy YC, Sharma A, Shetty AP, Abdul Kader SM. **Iodate induced toxic retinopathy: a case report.** Int J Retina Vitreous. 2018 Aug 1;4:27.
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- O'Brien KS, Byanju R, Kandel RP, Poudyal B, Gautam M, Gonzales JA, Porco TC, Whitcher JP, Srinivasan M, Upadhyay M, Lietman TM, Keenan JD; Village-Integrated Eye Worker Trial Group. **Village-Integrated Eye Worker trial (VIEW): rationale and design of a cluster-randomised trial to prevent corneal ulcers in resource-limited settings.** BMJ Open. 2018 Aug 10;8(8):e021556.
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- Seema R, Prabu Baskaran, Arti Jain. **Traumatic expulsion of intact iris in toto.** Indian J Ophthalmol. 2018 Sep;66(9):1329.
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AUROLAB NEWS

Graduation Day

Aurolab, Wednesday, 25 July 2018



Graduation day was held for the production staff at Aurolab. Prizes were distributed to the rank holders by Dr. P. Balakrishnan, Managing Director and Mr. Sriram, Joint Managing Director. Ms. Mahalakshmi Sriram narrated the roles and responsibilities of production staff.



MONTHLY PATIENT STATISTICS

July - 2018

Hospitals	Madurai	Theni	Tirunelveli	Coimbatore	Pondi cherry	Dindigul	Tirupur	Salem	Udumal pet	Tuti corin	CBE CC	Chennai	Total
HOSPITAL OUT-PATIENT VISITS													
Paying (New & Review)	62,192	9,059	30,180	34,444	27,488	7,329	4,911	12,096	3,951	5,275	3,373	11,928	2,12,226
Free:Direct walk-in (New & Review)	20,154	2,455	7,934	11,031	9,804	NA	1,212	2,033	1,535	980	NA	4,089	61,227
OUTREACH OUT PATIENT													
Comprehensive Eye Camps	10,460	1,674	4,982	7,020	8,461	NA	NA	1,759	NA	268	NA	1,341	35,965
Diabetic Retinopathy camps	1,015	186	305	828	701	NA	46	42	NA	NA	NA	NA	3,123
Glaucoma Camps	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Refraction Camps	1,815	141	1,010	1,891	427	NA	NA	423	NA	NA	NA	NA	5,707
Mobile Refraction Unit	NA	NA	NA	3,135	NA	NA	NA	NA	NA	NA	NA	NA	3,135
School Screening camps	1,342	659	524	2,025	1,060	NA	1,392	516	NA	NA	NA	NA	7518
Paediatric Camps	NA	NA	NA	NA	1,152	NA	NA	NA	NA	NA	NA	NA	1,152
Vision Centres	24,044	5,314	12,916	4,900	7,755	NA	1,051	NA	1,441	NA	NA	NA	57,421
Community Centres / City Centres	10,041	2,035	2,867	NA	2,972	NA	NA	NA	NA	NA	NA	NA	17,915
Total OP Examinations	1,31,063	21,523	60,718	65,274	59,820	7,329	8,612	16,869	6,927	6,523	3,373	17,358	4,05,389
Total Number of Camps	41	11	26	35	27	NA	NA	11	NA	2	NA	4	157
SURGERIES													
Service Proportion of Cataract Surgeries													
Paying	3,941	456	1,548	1,717	1,766	307	226	756	193	180	106	641	11,837
Free (Direct)	4,084	308	1,058	1,470	1,089	193	167	285	257	129	NA	221	9,261
Camp	3,301	333	1,392	2,236	2,638	NA	63	291	54	29	NA	177	10,514
Total Cataract Surgeries	11,326	1,097	3,998	5,423	5,493	500	456	1,332	504	338	106	1,039	31,612

Note: NA - Not Applicable

