

#### **Accolades**

## The Queen recognises Aravind's work

London, UK; October 29

Aravind Eye Hospital has been involved in training doctors, nurses and staff from the Commonwealth as part of a five-year programme to establish the Commonwealth Eye Health Consortium with a funding of US \$ 13.5 million from the Queen Elizabeth Diamond Jubilee Trust (QEDJT). In what can be termed as a clear recognition for Aravind for having taken up almost 40% of the training work, Dr. N. Venkatesh Prajna, Director-Academics was invited to a grand reception by Queen Elizabeth in the Buckingham Palace. A group of 40 people from 32 countries, who had played different important roles in the QEDJT programmes, top ophthalmologists, ambassadors and secretaries from the Commonwealth were in attendance. It was a very gratifying moment for Aravind being so well recognized and respected for all the work it has done so far.



Best Doctor Award for Dr. Kim

Star Vijay network and Rishvanth Tele Media honoured Dr. R. Kim, Chief Medical Officer, Aravind Eye Hospital, Madurai with the Best Doctor Award. Mr. Jeyaraj, Camp Manager, Aravind-Theni was awarded with an appreciation certificate by Lions Club of Theni. Accolades AMRF Aravind Events Aurolab Confer

Dr. Arkaprava Pradhan, Senior resident, Aravind-Tirunelveli won the Dr. G. Venkataswamy Gold Medal rences attended. LACO Publications Statistics Training ARAVIND in the All India DNB final exam held in 2018.







## **AMRF**

#### Science in Everyday Life

AMRF, September 28

As part of October Summit 2019, a one day exhibition titled, *Science in everyday life* was organised by Aravind Medical Research Foundation. Faculty from eight colleges/universities in and around Madurai participated. Each college participated in the exhibition with models on one or more themes. Research scholars from AMRF also contributed to nearly 50% of the models displayed during this event. Nearly 140 undergraduate students from various colleges visited the exhibition. In addition, staff from Aravind Eye Hospital and LAICO also visited the exhibition and expressed their appreciation. Scientific Social Responsibility programme of SERB offered funding support for the exhibition.





## **Aravind Events**

Aravind honoured Dr. William B Stewart, a renowned Oculoplastic Surgeon and former Chair of the Department of Ophthalmology, California Pacific Medical Center, withing ARAVIND Dr. G. Venkataswamy Endowment Award. Dr. Stewart has a long-standing association with Aravind and all its founding members. His visit to Aravind was a turning point in his life. At the peak of his career as an ophthalmologist, he decided to leave surgery and started exploring the establishment of an integrative medical programme. He ended up co-founding the Institute for Health and Healing (IHH) at California Pacific Medical Center, San Francisco which combined the benefits of modern medicine with an integrative approach.

At the function held at LAICO auditorium, Mr. G. Srinivasan, President – GOVEL Trust presented the trophy. Dr. P. Namperumalsamy, Chairman Emeritus, Aravind Eye Care System presented the citation. Dr. Usha, Chief – Orbit and Oculoplasty Clinic read out the citation. Dr. Stewart delivered the Dr. G. Venkataswamy Endowment Oration titled, "*More than meets the eye: The Legacy of Dr. V*".



#### **Enhancing Low Vision 2019**

Aravind-Chennai; October 20

The CME gave an overview on the magnitude, causes and assessment of low vision. It also highlighted low vision aids and the importance of early intervention and rehabilitation. A hands on session with display of all the latest low vision aids, mobility devices and assistive technology was organised. The workshop was very well received and a total of 235 partcipants including optometrists, vision rehabilitationists, special educators and doctors attended.



#### **New Vision Centres**

Vadalur; October 02

Aravind's 76<sup>th</sup> Vision Centre was inaugurated at Vadalur by Dr. R. Selvaraj, Correspondent, OPR Educational in the presence of Dr. R. Venkatesh, Chief Medical Officer, Aravind Eye Hospital, Pondicherry. Members of Lions, Rotary and Chamber of Commerce, and prominent community leaders attended the inauguration.





Salem; October 02

The first vision centre of Aravind-Salem was opened at Ramakrishna Mission Charitable Dispensary on October 4. The centre was inaugurated by Mr.Mohan, Engineer, Civil – PWD, Salem in the presence of Dr.B.Manohar Babu, Swami. Yatatmanandar, Swami. Chitgadhanandha and the swamijis of ashrama/dispensary. Swamiji briefed on the association between Aravind and RK Mission over the past eight years. Dr. B. Manohar Babu gave a talk on the importance of eye care / role of vision centre in addressing the unmet eye care need.



### **Inauguration of ACTROP**

Aravind-Chennai; October 22

The long awaited tele-screening programme for Retinopathy of Prematurity at Aravind Eye Hospital, Chennai, fondly called ACTROP (Aravind Chennai Tele-screening for ROP) was held in the last week of October in the presence of stalwarts in the field of Retina and other dignitaries. The event was graced by Dr. P. Namperumalsamy, Chairman Emeritus & Director- Research, AECS, Mr. Keshav Desiraju, Director, Cognizant Foundation Board and Dr. Chandra Kumar, Project Director, DBCS. Dr. Anand Rajendran, Chief, Retina Vitreous Services, Aravind-Chennai welcomed the audience. Chief guests shared their ideas and vision on how to tackle blindness due to retinopathy of prematurity.

Dr. Prabu Baskaran, Medical Consultant, Retina Vitreous Services, Aravind-Chennai presented a reprt on the activities done so far in Kancheepuram and Thiruvallur districts. Dr. Indu Govindaraj, Medical Consultant, Retina Vitreous Services proposed vote of thanks.



The camps was conducted as part of the project "Early detection and management of glaucoma supported by General Insurance Corporation (GIC). At Madurai, a total of 203 patients was registered. Of these, 51 persons were undergoing eye screening for the first ever time. Of these, six were diagnosed with glaucoma, and 27 are suspected to have glaucoma and require investigations and follow up. Two review patients were advised combined glaucoma surgery and 16 were advised cataract surgery. Around 12 persons were referred for other specialty opinion.



Aravind-Theni; October 13

Aravind-Theni conducted the camp in nine locations including seven vision centres. A total of 1513 patients were invited. 592 persons attended which included known glaucoma patients, their family members and general public. 27 patients were newly identified with glaucoma and were advised HFA, OCT, YAG PI and Trabeculectomy surgery based on their clinical condition at free/subsidiSed cost. GIC sponsored a few equipment – OCT, HFA and NCT to Aravind-Theni.



#### **Observing World Sight Day**

Aravind; October 10-17

Aravind-Salem organised a week long awareness exhibition in the hospital premises. The exhibition had optical illusions, games, information on patient flow at Aravind and details about various tests, types of contact lenses, various types of frames and lenses. Various departments put up stalls relevant to their area which were of great interest to the audience.

At Aravind-Madurai, a rally and awareness exhibition were conducted. The Paediatric Ophthalmology Clinic organised an exhibition and various competitions. Dr.P.vijayalakshmi and Dr.Nivedita distributed prizes to the winners. Mr. R. Meenakshi Sundaram gave a talk to the students of Fatima College on the importance of proper eye care on October 10. The aim of the programme was to have the students educate their families on eye care eye and thereby improving the health-seekign behaviour of the community. A total of 600 students participated.



## **Residents Social Responsibility**

Aravind-Coimbatore; October 12

As part of Social Responsibility programme, residents of Aravind -Coimbatore visited a children's orphanage (Kuzhanthaikal Kudumpam). They spent the evening interacting with the children, playing with them and having fun. An amount was donated to support the betterment of orphanage structure and was directed towards the purchase of three water tanks and a suction machine- which will be useful for children with cerebral palsy suffering from recurrent respiratory tract infections.



#### **Phaco Development Workshop**

Aravind-Madurai; October 12-13

Phaco development workshop for post graduates was conducted with support of Alcon Laboratories. Dr. Madhu Shekar and Dr. Dhanya handled the sessions and Mr. Sankar from Alcon Laboratories took a session on Microscope focusing techniques and Phacodynamics. Wet-Lab hands on session was conducted by Dr. Sapan in two different batches. A total of 17 postgraduates participated.



Titled V-Drill, this workshop was organised to train MLOPs in vitrectomy techniques. Dr. Gomathi Ramya and Product Development team from Alcon conducted the session. The session was very interactive and had many practical sessions.



#### **CME for Refraction Staff and Counselors**

Aravind-Madurai; October 19

A one day CME was conducted for the counsellors and MLOPs of A-Scan Biometry and IOL clinics across all Aravind Eye Hospitals. Dr.Madhu Shekhar, Dr.Gomathi Ramya and Alcon team shared inputs on Femto and Panoptix . Soft skill session was handled by guest faculty Mr.Prakash Seshadri. A total of 38 participants benefitted from the CME.



#### Workshop on Sterilization and Aseptic Techniques for Ophthalmic Operation Theatre staff

Aravind-Madurai; October 14-18

The workshop was conducted for the team from Minto Hospital, Bangalore. The workshop was organised by Dr. Lalitha. Theory & practical sessions were handled by Dr. Aruna Pai, Dr.Nikhil Rajendra Kamble, Sr.Sundari, Sr.Jothi & Sr.Rekha. Hands on training on sterilization & assisting cataract surgery was also given.



Aravind-Madurai; October 20

Around 45 retina specialists from various Aravind centres participated in the fourth edition of the meet organized by Alcon. The meet had video based learning sessions where fellows presented their surgical videos. This was followed by discussion with an expert panel from different parts of the country. Experts gave tips to improve surgical steps as well as outcome.



ARAVIND

#### Writathon 2019

Aravind-Pondicherry; October 24-25

Aravind-Pondicherry conducted Writathon for the second time. A total of 30 participants attended the programme under the mentorship of 13 senior doctors. Dr. Sabyasachi Sengupta handled a session on the topic, Clinical Research – Going beyond one patient. The Writathon resulted in 35 submissions in 24 hours.



#### **Quiz Programme for MLOPs**

Aravind-Coimbatore; October 22

As part of Diwali CME, two quiz programmes were conducted for the MLOPs of Refraction and Out-patient departments. A total of 15 participants divided into five teams enthusiastically participated. Top three winning teams were given prizes. Dr D.Chandrasekhar, Dr.Srinila , Dr.Hridhya Mohan & Dr.Bala Saraswathi conducted the quiz programme.



#### **Compliance to NABH Kayakalp Standards**

Aravind centres at Tirunelveli, Coimbatore and Pondicherry successfully complied to the NABH Quality Council of India Kayakalp standards with each centre scoring above 90%.

## **Awareness Talk on Diabetic Retinopathy**

Aravind-Madurai

Dr. Renu P Rajan gave a talk diabetic retinopathy on the occasion of World Retina Day on Suriyan FM on September 28.

Dr. Vignesh TP gave a talk on diabetic retinopathy at the seminar arranged by Homeopathy Medical Academy at Madurai on October 13 and on Radio Mirchi on October 14.

Eye care awareness programmes were conducted in a few areas near the Kanni valdi and Elvinda and Elvin

An eye care awareness programme was organised by Kannivadi Vision centre at Mylapore village on October 21. Mr. Raman explained about common eye diseases. Around 60 persons attended.



## **Book Fair on Founder's Day**

Aravind-Coimbatore; October 1-2

To commemorate Dr.V's 101<sup>st</sup> birth anniversary, Library team at Aravind Eye Hospital, Coimbatore organised a book fair in the hospital premises. Jaypee Brothers Medical Publishers, Coimbatore and Vijayaa Pathipagam, Coimbatore joined Aravind in this initiative. Books were displayed systematically and visitors showed great interest in buying books. Around 600 people visited the book fair.



#### **MLOP Freshers' Day**

Aravind-Tirunelveli; October 4

The new trainees exhibited their talents through singing, karagam, oyilattam, Silambam and an interesting drama on adverse effects of using mobile phones. They organised a very informative and interesting exhibition using various charts and models. Dr R Ramakrishnan, Advisor and Dr R Meenakshi, Chief Medical Officer, Aravind-Tirunelveli congratulated the team for their excellent show and gave an inspiring speech.



#### 150 years of Celebrating Mahatma

Aravind-Madurai; October 18

Accolades AMRF Aravind Events Aurolab Conferences attended LAICO Publications Statistics Training ARAVIND

Aravind-Madurai organsied several competitions to mark Mahatma Gandhi's 150<sup>th</sup> birth anniversary. At the valedictory function, senior officials from Gandhi Museum and Prof. Prabahar Vedamanickam from American College gave special talks. A total of 150 sketches of Gandhiji – all done by staff members were kept on display. Demonstration of charkha weaving was also arranged.



## **Annual Day Celebration**

Aravind-Chennai; October 05

Dr. S.Aravind, Chief Medical Officer, Aravind-Chennai welcomed the gathering at the hospital's second annual day celebration. Dr. William B. Stewart and Dr. S. Ashokan, GEM Hospital offered felicitations. Dr. S. Aravind distributed service awards to the employees. Cultural programmes including singing, skit and dance were staged. Dr. Anand Rajendran, Head-Retina Department delivered a vote of thanks.

#### **Auroutsav**

Aravind-Tirunelveli, 09-22 October

Auroutsav was celebrated with the theme "Tribes of South India" and all the staff members were divided into five tribal teams namely Irula, Kurumba, Kota, Paniya and Toda. Altogether, 20 events were conducted. Staff members participated in the competitions with great enthusiasm. Team Kurumba emerged as the winner followed by Irula. Winners were awarded prizes and trophy was presented to the winning team and the runner up.

*Aravind-Tirupati, September 23 – October 05* 

Aravind-Tirupati enthusiastically conducetd its very first Auroutsav. There were three teams, named after various tribes of south India – Paniya, Toda, and Irula.showcased the unique features of their tribe through excellent performances on theme presentation. A total of 23 events including Telugu story and poetry writing, were conducted over a period of 13 days. Team Toda emerged as the winner followed by Paniya. Winners were awarded prizes.

## Saraswathi Pooja

Aravind - Tirunelveli, October 07

Special pooja was performed for the Goddess of Knowledge and Wisdom. All staff members assembled in front of the operation theatre and offered flowers, fruits and sweets to the Goddess. Devotional songs were sung and prasadam was distributed to all.

#### **Diwali Celebration**

Aravind-Tirunelveli, 23 October

Diwali was celebrated at Aravind-Tirunelveli and staff members including doctors, MLOPs and admin teams attended the grand celebration. The evening was marked with glittering diyas ,dinner and cultural program.

The celebration started with prayer song, welcome address by Sr. Vanitha, Refraction Trainee. Various cultural programmes Accolades AMRF Aravind Events Aurolab Conferences attended LAICO Publications Statistics Training ARAVIND

#### Aurolab

### 150 years of Celebrating Mahatma

Aurolab, October 2

The HR Department conducted various competitions such as essay writing, drawing, singing etc to commemorate Mahatma Gandhi's 150<sup>th</sup> birth anniversary. Winners were awarded during the Navarathri celebration.



#### **Navarathri Celebration**

Aurolab, October 3

Navarathiri was celebrated with a festive display of holy golu in Nithyatha. Bhajans were sung. Staff performed dance programmes. Pooja was performed and the holy prasadam was distributed.

## **Conferences attended**

#### **3rd Executive Summit of Siemens Healthineers**

Amsterdam, Netherlands, 7-8 October

Dr. S. Aravind

• Transforming Care Delivery: Is better always more expensive?

#### 10th International Low Vision Forum

Beijing, China, 11 October

Dr. Sahithya

• Vision Rehabilitation for children with special needs



# Annual Conference of American Society of Ophthalmic Plastic & Reconstructive Surgery

San Francisco, USA; October 10-11

Dr. Usha Kim

• Orbital diseases spectrum in India

## **Grand Rounds at Kellogg Eye Centre, USA**

Ann Arbor, USA; October 17

Dr. Usha Kim made a presentation on the *Rare Orbital & Adenexal Tumors and Genetics of Retinoblastoma* at the Grand Rounds in Kellogg Eye Centre, Ann Arbor.



### **Annual conference of American Academy of Ophthalmology**

San Francisco, USA, October 12-16

Dr. Usha Kim

• Experience adopting Aravind based research to the US – Barriers.



## **LAICO**

## **Enhancing Eye Care through Effective Mentoring**

LAICO, September 27-29

The workshop brought in like-minded mentor institutions in the field of health care, to share their best practices and the way they achieve the overall goal. This helped participants learn and adopt new ideas, thinking beyond their current practices and limitations.



evolved as main enablers in providing clinical anised this consultation to explore the role that



## **Developing an Effective Workforce: Allied Ophthalmic Personnel**

LAICO, September 30 – October 1

Creating an effective AOP cadre poses two major sets of challenges relating to:1) effective training and 2) getting the best out of AOP at work. In view of the above challenges, it is important to set up a platform for various stakeholders to come together and explore ways to enhance the training and deployment of AOP. This consultative workshop brought together organizations that face these issues and deliberate on ways to overcome these challenges and to share best practices and relevant resources



### **Publications**

#### October 2019

- 1. Chitaranjan Mishra, Kim R, Poonam Rai. **Direct view of ciliary processes associated with severe subluxation of crystalline lens.** Indian J Ophthalmol. 2019 Nov;67(11):1881. Article View
- 2. Prabhu B. Commentary: Macular hole area index Is it a research index or clinical index? Indian J Ophthalmol. 2019 Nov;67(11):1863. Article View

- 3. Manas Nath, Prasanth Gireesh. Femtosecond laser-assisted cataract surgery in Alport's syndrome A case report. Indian J Ophthalmol. 2019;67:1891-3. Article View
- 4. Homa M, Manikandan P, Szekeres A, Kiss N, Kocsubé S, Kredics L, Alshehri B, Dukhyii AAB, Revathi R, Narendran V, Vagvölgyi C, Shobana CS, Papp

  T. Characterization of Aspergillus tamarii Strains from Human Keratomycoses: Molecular Identification, Antifungal Susceptibility Patterns and

  Cyclopiazonic Acid Producing Abilities. Front Microbiol. 2019 Oct 9;10:2249. Article View
- 5. Chitaranjan Mishra, Naresh Babu K, Kim R, Dhipak Arthur B. **Retinal astrocytic hamartoma in tuberous sclerosis.** Indian Dermatol Online J. 2019;10:753-4. Article View
- 6. Naresh Babu K, Piyush Kohli, Obuli Ramachandran N. **Abnormal Retinal Vasculature in a Young Child: A Diagnostic Dilemma.** Ocul Immunol Inflamm. 2019 Oct 31:1-4. Article View
- 7. Priya S, Sarthak K, Jefila J. Optic Nerve Hypoplasia in the Eye and Beyond. JAMA Ophthalmol. 2019 Nov 1;137(11):e190126. Article View
- 8. Chitaranjan Mishra, Usha Kim, Sai Dheera M. Combined treatment modality for phthiriasis palpebrarum. Indian J Med Microbiol. 2019 Apr-Jun;37(2):296-7. Article View
- 9. Rathinam SR, Irena D, Dharmalingam K, Jeya Maheshwari J. Molecular Mimicry between Betaine Aldehyde Dehydrogenase of Leptospira and Retinal Dehydrogenase 1 of Human Lens: A Potential Trigger for Cataract Formation in Leptospiral Uveitis Patients. Ocul Immunol Inflamm. 2019 Nov;1–8. [Epub] Article View
- 10. Usha Kim, Gunjan Rathi, Gunja Chowdhary, Srinavasan KG, Shanthi R, Prabhu Krishna R S. Accuracy of preoperative imaging in predicting optic nerve invasion in retinoblastoma: A retrospective study. Indian J Ophthalmol. 2019;67:2019-22. Article View
- 11. Shah PK. Commentary: The challenges of treating retinoblastoma in India. Indian J Ophthalmol 2019;67:2004. Article View
- 12. Anjana S, Rekha S, Rathinam SR. Metastatic carcinoma masquerading as lens matter. Indian J Ophthalmol 2019;67:2046-7. Article View

#### **Statistics**

## **Patient Monthly Statistics**

October – 2019															
Hospitals	Madurai	Tirunelveli	Theni	Coimbatore	Pondicherry	Tirupur	Dindigul	Salem	Tuticorin	Udumalpet	CbeCC	Chennai	Tirupati	Kovilpatti	Total
HOSPITAL OUT-PATIENT VISITS															
Paying (New & Review)	49,666	26,526	7,884	31,096	23,036	4,477	5,980	10,574	4,720	3,604	3,373	15,983	7,693	1,097	1,96,519
Free:Direct walk-in (New & Review)	12,767	6,552	2,046	10,713	8,259	1,261	_	1,803	798	1,788		3,902	2,968	124	52,981
OUTREACH O	OUTREACH OUT PATIENT														
Comprehensive Eye Camps	4,204	3,150	7,70	4,458	3,094	_	_	149	343	_	_	2,120	501	_	18,789
Diabetic Retinopathy camps	1,419	429	200	894	434	_	_	_	_	_	_	_	_	_	3,376
Glaucoma Camps	_	_	592	_	_	_	_	_	_	_	_	_	_	_	592

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Refraction Camps	210	1,291	_	980	— Acco	— olades <i>i</i>	– AMRF A	— avind E	84 vents Au	— olab Confe	— rences at	tended L	— AICO F	ublications	2,565 Statistics
Mobile Refraction Unit	_	_	_	972	_	_	_	_	_	_	_	_	_	_	972
School Screening camps	814	473	_	577	3,130	_		_	_	_		390	_	_	5,384
Paediatric Camps	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
RoP	_	159	148	489	18		_	_		_	_	27	_	_	841
Vision Centres	21,453	11,769	5,761	4,352	8,944	1,154	_	293		1,443		_	_	_	55,169
Community Centres / City Centres	7,965	2,305	1,971	_	2,408	_	_	_	_	_	_	_	_	_	14,649
Total OP Examinations	98,498	52,654	19,372	55,341	49,323	6,892	5,980	12,819	5,945	6,835	3,373	22,422	11,162	1,221	3,51,837
Total Number of Camps	25	20	6	23	18	_		1	3	_	_	5	3	_	104
SURGERIES	SURGERIES														
Service Proportion of Cataract Surgeries															
Paying	2,341	1,114	333	1,508	1,153	214	246	493	137	191	96	870	311		9,007
Free (Direct)	1,381	555	196	1,123	629	174	152	213	103	279		311	261		5,377
Camp	1,181	601	111	1,107	664	14	_	178	26	7	_	342	111		4,342
Total Cataract Surgeries	4,903	2,270	640	3,738	2,446	402	398	884	266	477	96	1,523	683	_	18,726
Note: NA – Not	Applicabl	е													

## **Training**

**Enrolments for October 2019** 

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)	Publicat	ions	Statistics	Iraining	ARAVIND

October – 2019		
Course title	Training Centre	Conferences attended LAIGNO. of enrolments
LONG TERM FELLOWSHIP PROGRAMMES – FOR OPHTHALMOLOGISTS		
Fellowship in Anterior Segment / Intraocular Lens Surgery	Madurai	1
	Pondicherry	1
Fellowship in Cornea	Madurai	1
	Coimbatore	1
	Madurai	5
Fellowship in General Ophthalmology	Coimbatore	1
	Theni	1
Fellowship in Glaucoma	Madurai	1
SHORT TERM CLINICAL COURSES – FOR OPHTHALMOLOGISTS		
Clinical Observership Program In Diagnosis and Management Of Glaucoma	Madurai	1
onnical observership i rogram in biagnosis and management of olaucoma	Pondicherry	1
Management of Retinopathy of Prematurity and Paediatric Retinal Disorders	Coimbatore	1
	Madurai	2
Phacoemulsification	Pondicherry	1
	Tirunelveli	1
Small incision cataract surgery	Madurai	1
oman moision cataract surgery	Coimbatore	1
Lasers in Diabetic Retinopathy	Madurai	1
Lasors III Blasono Romiopaniy	Coimbatore	2
PARAMEDICAL COURSES		
Short Term Course in OT Techniques	Madurai	6
Training for Ocularis	Madurai	1
INSTRUMENT MAINTENANCE COURSE		
Instrument maintenance course for technicians	LAICO	4

November 2019

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