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Quote

As long as you derive inner help and comfort from anything, keep it. – Mahatma Gandhi

Editorial

The chain of events commemorating Dr. V's birth centenary do not seem to end. The month of December witnessed two special events, paying homage tribute to the noble soul and both opened to public. One was the re-enactment of the theatrical presentation of his life which had received wide spread acclaim during its first premiere in September. The other one was a tribute in Odyssey style performed by Guru Chitra Krishnamurthy and team from the US. Both mesmerised the audience with their perfect presentation skills and attention to fine details.

Aravind reinforced its supremacy in the field of ophthalmology training with the release of the second edition of Peyman's book with our Director-Academics, Dr. Venkatesh Prajna as the Chief editor. As another feather to his cap, he also brought out the second edition of Aravind FAQ book, which aids ophthalmology students in their preparation for exams.

Continuous monitoring and taking stock of the developments is essential to the progress of any institution. And so with the different departments within it. Glaucoma staff from across the Aravind centres were brought in for a retreat at Aravind-Chennai. This offered a good opportunity to discuss the developments and plans on various fronts such as patient care, research and training in the field of glaucoma.

This year too, Aravind hosted Jagriti Yatris, the group of enterprising and motivated youth who takes on an ambitious train journey to meet the role models - social and business entrepreneurs - of the country.

News about these and many more feature in this issue.

AWARDS AND ACCOLADES

Dr. Haripriya Receives Research Award by the Women Ophthalmological Society

Hyderabad, December 22-23



Dr. Haripriya Aravind was presented with "Research Award" by Women Ophthalmological Society at its conference held at Hyderabad. She performed live surgery - *Phacoemulsification with Panoptix IOL* and delivered keynote address on the topic, *Postoperative Toric IOL Misalignment*.



Best Service Award

Sankarankoil, December 8



Sr. T.C. Saravana Selvi, In-Charge, Community Eye Clinic, Sankarankoil was awarded "Best Service Award" for her selfless work and service by Lions Club of Tirunelveli Green City and Team Trust.



Dr. Haripriya delivers the Dr. PR Mondal Memorial Oration

Kolkata, December 8-9



Dr. Haripriya delivered the oration on Intracameral Antibiotics for Endophthalmitis Prophylaxis at the Ophthalmological Society of West Bengal.



NEWS AND EVENTS

Neuro CME

Aravind – Chennai, December 01, 02



The CME organised to update the latest trends in the field of neuro-ophthalmology had international and national faculty including Aravind team sharing their inputs.

International faculty included Dr. Peter MacIntosh, UIC Department of Ophthalmology & Visual Sciences, USA; Dr. Prem Subramanian, University of Colorado School of Medicine, USA; Dr. Umapathi N Thirugnanam, National Neuroscience Institute, Singapore and Dr. Vivek Patel, USC Roski Eye Institute, USA.

The inaugural function commenced with prayer song and Dr. S. Aravind, Chief Medical Officer, Aravind-Chennai welcome the delegates and speakers. Padmashri Professor Dr. C. U Velmurugendran delivered the key note address and Dr. G. Natchiar, Director-Emeritus; Aravind Eye Care System delivered a talk titled Integrating eye to brain. A total of 10 speakers and 50 delegates participated.



Aravind FAQ Book Release

LAICO, December 06



The second edition of the Aravind FAQ book authored by Dr. N. Venkatesh Prajna was officially released by Dr. Dharmalingam (Director-Research, AMRF) and the first copies were received by Dr. Rathinam Sivakumar (Principal, Postgraduate Institute of Ophthalmology, Aravind Eye Hospital) and Dr. Parvathasundari (Senior Associate Professor, Government Rajaji Hospital, Madurai). Dr. Siddharthan, President, Tamil Nadu Ophthalmic Association was the Guest of Honour and he spoke about the importance of every practitioner owning this book for quick reference. Dr. Prajna during his vote of thanks mentioned the selfless sacrifices made by his late uncle and aunt (Mr. Ramasamy and Mrs. Janaki Ramasamy) and his aunt, Mrs. Lalitha Srinivasan by taking care of the family members so that Aravind as an institution could flourish. The function was attended by an elite group of friends, classmates and teachers of the author.



CME on Practical Approach to Childhood Eye Disorders and Rehabilitation

LAICO, December 08



The CME was conducted for paediatricians, rehabilitation experts and special educators. A total of 150 special educators from various schools in and around Madurai participated in the CME and visited stalls with students.



Glaucoma Retreat 2018

Aravind-Chennai, December 7 & 8



As a follow up to the one held in Pondicherry in December 2017, Glaucoma retreat 2018 was organised in Aravind Eye Hospital Chennai. The retreat was facilitated by Dr. David Friedman, Executive Director, Dana Centre, Johns Hopkins University, USA. As a way of preparation, he visited Aravind-Coimbatore, Madurai and Chennai to observe the systems and processes at Glaucoma clinics. Apart from observing patient care services, he interacted with Glaucoma specialists and fellows about their research projects and provided valuable inputs. During the retreat, Glaucoma teams from Chennai, Pondicherry, Madurai, Coimbatore, Theni and Tirunelveli worked in groups and made detailed plans in areas of patient care and training for development of Glaucoma services at Aravind.



Hospital Day

Aravind-Salem, December 8



Aravind-Salem completed 7 years of meritorious service in restoring vision to the needy. The Hospital Day was celebrated in a very delightful manner. Mr. Devarajan, Founder and Head of SPMM Hospital, Salem; Mr. Prabakar, Vice-Chairman, Narasus Sarathy Institute of Technology, Salem, Swami Shri. Chitgadhanantha, In-charge, Ramakrishna Mission Charitable Dispensary, Salem were invited as guests of honour. Mr. Selvaraj, Manager-Finance welcomed the gathering. Dr. Manohar Babu presented the Annual report for the year. Swamiji and Mr. Devarajan delivered special address. Service awards were distributed to the staff members by the dignitaries. Cultural programmes were staged by MLOPs and doctors. Function ended with a one minute silent prayer for Mr. S. Krishnamoorthi, well-wisher of Salem Hospital who expired last month.



Theatrical Presentation of Dr. V's life

Lakshmi Sundaram Hall, December 6



The theatrical presentation of Dr. V's life, played during "Tribute to Light" function on 30th September 2018 received great response from the community. Based on request from various colleges and public, Aravind staff performed three shows at Lakshmi Sundaram Hall, Madurai. Audience from various colleges and schools like Lady Doak College, American College, Crescent College, C.S.I. Arts & Science College, M.A.V.M.M. College, Thiyagarajar B.Ed. College, St. Michael College, Teachers from St. Joseph School, Students from Film Institute, Gandhigram University, staff from Seed, Thulir Magazine, R.S.K. Trust and general public participated.



Workshop on Care and Maintenance of Ophthalmic Instruments and Equipment

Aravind-Coimbatore, December 8



A total of 174 delegates from 4 states - Tamil Nadu, Kerala, Karnataka and Andhra Pradesh, participated in the workshop. Theory session elaborated on different kinds of ophthalmic equipment. Practical sessions too were held. 12 stations were formed and the participants had a very interactive session. 48 damaged instruments were brought for repair, out of which 36 instruments were rectified and suggestions were given by the Aravind team to rectify the error. The workshop ended successfully with an overwhelming response from the participants.



Kodai FM Features of Dr. G. Venkataswamy

Aravind-Madurai, December 14

Kodai FM organised a special feature on Dr. Venkatasamy on the occasion of his birth Centenary. Dr. S.R. Krishnadas, Director-HR, Aravind Eye Care System shared his thoughts on Dr. V.



Team from Google Visits Aravind

Aravind-Madurai, December 14



Dr. Lily Peng, Ms. Elin Ronby Pedersen, Ms. Kasumi Widner and Mr. Dushyant Jadeja from Google visited Aravind to understand the operational model and to discuss future collaborations. They visited the Vision Centre at Alanganallur to observe the procedures involved in a vision centre. They noted down the performance of the centre towards better patient care and areas to be supported by them in near future.



Awareness session on Anemia

Madurai, December 20



Awareness session on Anemia was organised at Aurolab and at Aravind-Madurai. At Aurolab, Dr. Rajasekaran, Medical Oncologist in Rajaji Medical College and Hospital & at Aravind-Madurai, Dr. J. Jebasingh, Medical Oncologist in Asirvatham Super Speciality Hospital, handled these sessions. They explained about the signs and symptoms of anemia, types of anemia and their preventive measures.



Christmas Celebrations

Aravind Centres



On various dates, all Aravind Centres organised special programmes to celebrate the birth of Jesus Christ. The evening was marked with glittering lights and bright glowing stars. Bible reading, followed by cultural events like skit, dance and songs engaged the audience. Santa Claus' entry was a pleasant surprise to the audience.



CME for Vision Centre Staff

Aravind-Tirunelveli, December 16



Continuous Medical Education is a great learning platform for effective training and also for sharing the best practices. CME for staff of vision centres was organised at Aravind, Tirunelveli. Topics were chosen based on an analysis of the needs for the VC Staff. Mr. Thiruvengadam, Manager – IT & Systems, Ms. Gowri Rajam, Pharmacist, Sr. Sivasankari, Optical in-charge and Sr. Shanmuga Sundari, VC Co-Ordinator addressed the gathering. Dr. R. Ramakrishnan gave an inspiring talk at the end of the CME.



Fire Safety and Emergency Management

Madurai, December 21



Mr. Arul Prakasam, Fire Safety Trainer from Usha Fire Safety Services, Madurai gave a detailed presentation on Fire Safety & Emergency management. The clinical and non-clinical staff actively participated in this programme. Practical session on handling of fire extinguishers was conducted.



Jagriti Yatra – Building India through Enterprise

Aravind-Madurai, December 28



Jagriti Yatra is an annual train journey that takes highly motivated young Indians and a few young people from outside India between the ages of 20-27 and experienced professionals with age above 25, on an eighteen day national odyssey, introducing them to unsung heroes of India. The aim of the Yatra is to awaken the spirit of entrepreneurship - both social and economic - within India's youth by exposing them to individuals and institutions that are developing unique solutions to India's challenges.

The 11th Jagriti Yatra, comprising 450 yatris visited Aravind Eye Care System to get an orientation on the working model. The event started with playing of Infinite vision video, followed by a brief overview of Aravind by Ms. Dhivya. Yatris had discussion with Senior Leadership Team about the Aravind model and the innovative practices.

Then Yatris were taken on a tour of Aravind's different facilities – Vision centres, Community centres, Nithyatha, Aurofarm, Aurolab and the paying and free hospitals.



Sponsors Day

Aravind - Pondicherry, December 23

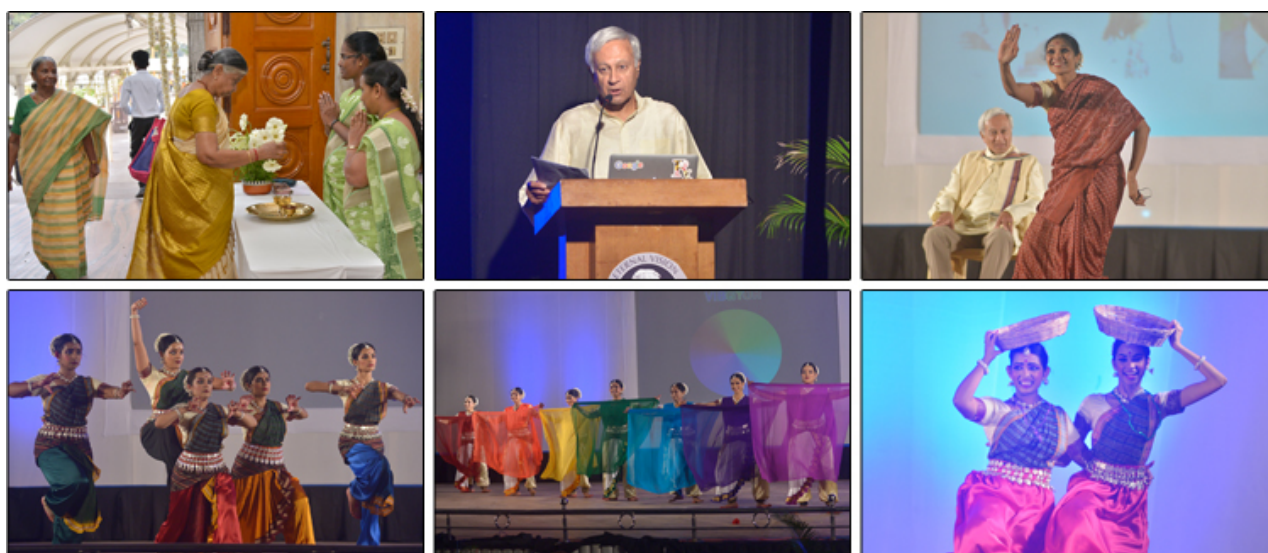


Once in two years, Aravind Eye Hospitals organise Sponsors' Day to acknowledge the dedicated service of camp sponsors. This year, sponsors from Pondicherry and Chennai were invited for the function held at Aravind-Pondicherry. Around 350 sponsors attended. Dr. R. Venkatesh, Chief Medical Officer, Aravind-Pondicherry welcomed the gathering. Dr. S.R. Krishnadas, Director-Human Resources, Aravind Eye Care System offered felicitations. Dr. Priya conducted quiz programme on creating awareness about eye conditions with special Kahoot app. Video on theatrical presentation on Dr. V's life was screened to the audience. Dr. Dayakar Yadella, Camp Medical Officer proposed a vote of thanks.



Infinite Vision Dance Drama

Madurai, December 30



In continuation of the chain of events of the Dr. V's centenary year celebrations, a dance drama was organized at Raja Muthiah Mandram on December 30th, 2018. Dr. Chitra Krishnamurthi and her team from 'Nrityalaya' School of Indian Classical Odissi Dance presented this dance drama, as a humble tribute to Dr. V on his birth centenary. Audience enjoyed it very much and at the end of drama, Dr. P. Namperumalsamy, Chairman-Emeritus, Aravind Eye Care System honored all participants with mementoes. Dr. Venkatesh, Chief Medical Officer, Aravind-Pondicherry delivered a vote of thanks.



CONFERENCES ATTENDED ELSEWHERE

Neuro CME

Aravind – Chennai, December 01, 02

Dr. Usha Kim

- *Optic Nerve Sheath decompression in papilloedema*
- *Panelist for the session: Under the scalpel... Focus Neurosurgery*

Dr. Mahesh Kumar

- *Should we treat Non – Arteritic AION (Yes / No)- Debate 3*
- *Panelist for the session: See why they Don't See*
- *Panelist for the session: Mixed platter*

Dr. S. Padmavathy

- *Vision loss after Non-ophthalmic surgery*
- *Panelist for the session: Under the scalpel... Focus Neurosurgery*

Dr. T. Nirmala Devy

- *Transient Visual loss*

Dr. A. Kowsalya

- *Chronic Double vision in Elderly patients-Extensive work up/observation – Debate 2*
- *Panelist for the session: Tell me why??... Investigative modalities*

Dr. D. Chandrasekhar

- *Abnormal Visual field defects with Normal Optic Nerve*
- *Quiz for Residents Armour*

Dr. Priya Sivakumar

- *Neuro-ophthalmology X – Files*
- *Should we treat Non – Arteritic AION (Yes / No)- Debate 3*
- *Panelist for the session: Mixed platter*

Dr. K.N. Jayasri

- *Neuro-ophthalmology X – Files*



Annual conference of Ophthalmological Society of West Bengal (OSWB)

Kolkata, December 8-9

Dr. Haripriya

- *Intracameral Antibiotics for Endophthalmitis Prophylaxis*
- *Nucleus management in eyes with posterior capsule rupture*
- *Cataract removal with active fluidics*
- *Coffee with masters*



Magazhi Ophtha Fest

Chennai- December 9

Dr. Haripriya

- *Retropupillary iris fixated IOL*



Bengal Uveitis Summit

Kolkatta, December 15

Dr. Vedhanayaki

- *Lab investigations in uveitis*
- *Viral Uveitis*



LAICO HAPPENINGS

Visits

Andhra Pradesh, December 11-15

Mr. S. Venkatesh, IT and Systems, Aravind-Madurai visited Ram Reddy Lions Eye hospital, Mahbub Nagar, Andhra Pradesh for IHMS software assessment from December 11-15, 2018.

Mr Calvin Clement, IT and Systems, Aravind-Madurai made follow-up support visit to Arasan Eye hospital Erode & Karur from December 10-14 to assess the IHMS use and provide the necessary support.

Aravind team consisting of Mr.Suresh Kumar and Dr.Swati Upadhyaya made follow-up visit to Anandrishiji Netralaya Ahmednagar, Pune from December 9-1, 2018.

Mr.Yesunesan and Dr.Swati Upadhyaya made second follow up visit to Rotary Eye Hospital Midnapore, West Bengal from December 11 to 15, 2018.

Mr.Syed Ali and Dr.Raghuram made Follow up visit RK Mission, Itanagar, Arunachal Pradesh from December 18 to 21, 2018.

Mr.Suresh Kumar and Dr.Gopinath visited VARD Eye Hospital, Sylhet Islamia Eye Hospital, Naogaon Bangladesh from December 16 to 25, 2018.



TRAINING PROGRAMMES

Enrolments for December 2018 at Aravind Eye Care System		
Course title	Training Centre	Enrolments for December 2018
Long Term Fellowship - For Ophthalmologists		
Fellowship in IOL	Madurai	1
	Pondicherry	1
Fellowship in Orbit & Oculoplasty	Coimbatore	1
Fellowship in paediatric ophthalmology	Madurai	1
Fellowship in Comprehensive Ophthalmology	Theni	1
Fellowship in Retina	Coimbatore	3
Fellowship in Cornea	Coimbatore	1
Fellowship in General Ophthalmology	Theni	2
	Coimbatore	1
Short Term Clinical Courses - For Ophthalmologists		
Clinical Observership Program In Diagnosis and Management Of Glaucoma	Tirunelveli	1
	Coimbatore	1
Lasers in Diabetic Retinopathy	Madurai	1
Management of Retinopathy of Prematurity	Coimbatore	1
Orientation to Paediatric Ocular Anesthesia for Anaesthetist	Madurai	1
Phacoemulsification	Madurai	2
	Coimbatore	1
	Pondicherry	2
Short term courses - for Paramedicals		
FFA & USG	Madurai	1
Instrument Maintenance Course - Non Clinical Course		
Instrument Maintenance Course - for technicians	Madurai	6



PUBLICATIONS

- Ravula Hasika, Lalitha Prajna, Naveen R, Rameshkumar G, Prajna NV, Srinivasan M. **Pythium keratitis in South India: Incidence, clinical profile, management, and treatment recommendation.** Indian J Ophthalmol. 2019 Jan;67(1):42-46.
[Article View](#)
- Naveen R, Prajna NV. **Commentary: Assessment of limbal ischemia in ocular burns.** Indian J Ophthalmol. 2019 Jan;67(1):37
[Article View](#)
- Nivean M, Sengupta S, Manavi Sindal, Pratheeba Devi N, Arun Kumar M, Murali Ariga. **Comparative analysis of retropupillary iris claw versus scleral-fixated intraocular lens in the management of post-cataract aphakia.** Indian J Ophthalmol. 2019 Jan;67(1):59-63.
[Article View](#)
- Sharmila R, Sujani Shroff, Sangeeta Vivek Patil, Mohammed Sithiq Uduman, Ashok Vardhan, Krishnadas SR. **Surgical outcomes of repeat trabeculectomy augmented with high dose mitomycin C.** Indian J Ophthalmol. 2019 Jan;67(1):95-100.
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- Bala Murugan S. **Commentary: Bilateral acute depigmentation of iris.** Indian J Ophthalmol. 2019 Jan;67(1):134.
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- Bala Murugan S. **Commentary: Angiostrongylus cantonensis in anterior chamber.** Indian J Ophthalmol. 2019 Jan;67(1):161-162.
[Article View](#)
- Mayur Rokdey, Anant Bhosale, Rodney J Morris, Narendran V. **Diabetic Retinopathy: Challenges in the Current Scenario.** EC Ophthalmology 2019;10(1):1-4.
[Article View](#)
- Sathya RT, Shashikant Shetty S, Vijayalakshmi P. **Intratrocchlear steroid injections in acquired Brown syndrome-a case series.** J AAPOS. 2019 Jan 2. [Epub]
[Article View](#)
- Khedekar A, Devarajan B, Ramasamy K, Muthukkaruppan V, Kim U. **Smartphone-based application improves the detection of retinoblastoma.** Eye (Lond). 2019 Jan 11.
[Article View](#)



AUROLAB NEWS

Moon Light Dinner

Nithyatha, December 1-8



As a part of recreation activity, HR department organised Moon Light Dinner (Nila Sorru) for production staff of Aurolab and Aravind on 01st and 08th December respectively in Nithyatha. Cultural programmes were staged and the staff had great fun. Finally, dinner was served to all.



Continuous Technical Education Programme for Production Staff

Aurolab – December 8 - 9

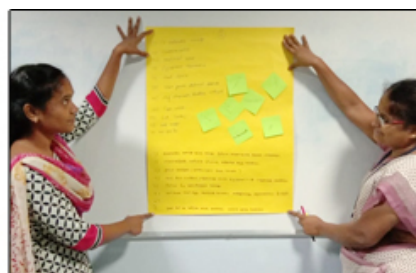


The programme organised for the Production Staff provided updates on new products, quality standard updates, sterilization process and types, GMP and clean room behaviour, order and shipment processes of domestic and international markets. A tribute to light – Theatrical presentation of Dr.V's life was also screened to all the staff members during the training programme.



Training session on Handling Workplace Conflict

Aurolab, December 21



The HR Department organized the session for the production staff. Mr. Chinamaruthu handled the session in an interesting manner. Group exercise in conflict management was given to all participants.



Outbound Learning Programme for Marketing Staff

Aurolab, December 22



Outbound Learning Programme for staff of International and Domestic Marketing was organized at Aurolab. Training was provided on coordination skills, planning, Communication, problem solving, achieving the organisation's mission through fun-filled activities. All the participants enjoyed the activities and found the session useful.



Opening Ceremony of Staff Hostel

Aurolab, December 14

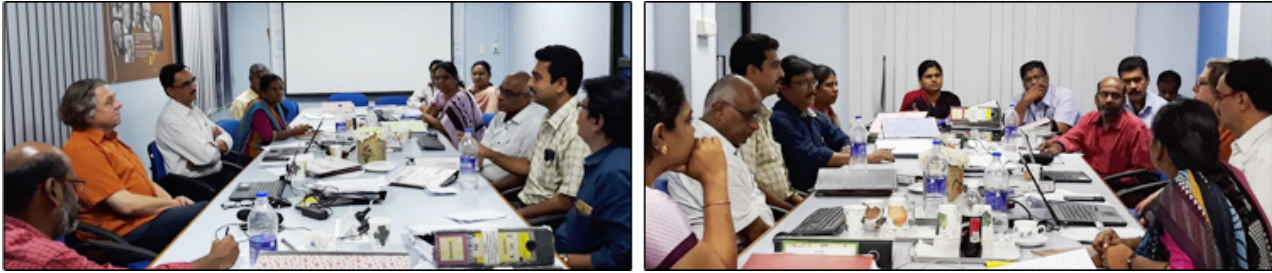


House warming ceremony and pooja for the newly established hostel for production staff was performed. Staff attended the ceremony and holy prasadam was distributed to all.



CE Surveillance & QMS Scope Extension Audit

Aurolab, December 11-14



The CE Surveillance and Quality Management System audits were conducted by TUV Rheinland to ensure the compliance requirements of quality and product standards. Aurolab has applied CE certificate for Yellow Hydrophilic IOL, Trocar Set and Auroslim. Equipment division has been audited successfully for scope extension in the QMS certificate.

The audits were carried out successfully.



Workshop on IOL Power Calculation

Mahatma Eye hospital, Trichy, December 11

Aurolab conducted workshop on Multifocal IOL and IOL power calculation for the staff of Mahatma Eye Hospital, Trichy.



Conferences Participated

December, 2018



Karnataka Ophthalmic Society (KOS), Mangalore, December 7-9, 2018
 Jharkhand Ophthalmic Society (JHOSCON), Ranchi, December 8-9, 2018
 Odissa Ophthalmic Society (OSKON), Bhubaneswar, December 8-9, 2018
 Ophthalmic Society of West Bengal (OSWB), Kolkatta, December 7-9, 2018
 Punjab Ophthalmic Conference at Rajpura on 15th & 16th December
 Chhattisgarh Ophthalmic Conference at Raipur on 15th & 16th December



MONTHLY PATIENT STATISTICS

December - 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)	57,177	9,013	29,017	34,038	18,407	6,437	4,452	11,928	3,527	5,307	3,440	14,518	1,97,261
Free:Direct walk-in (New &	14,957	2,266	6,666	10,236	7,849	NA	1,186	2,030	1,397	747	NA	2,948	50,282

Review)

OUTREACH OUT PATIENT

Comprehensive Eye Camps	9,990	2,271	3,652	9,497	4,964	NA	NA	2,114	NA	342	NA	1,561	34,391
Diabetic Retinopathy camps	1,417	650	NA	693	716	NA	NA	NA	NA	NA	NA	NA	3,476
Glaucoma Camps	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Refraction Camps	913	NA	1,025	352	332	NA	NA	339	NA	NA	NA	NA	2,961
Mobile Refraction Unit	NA	NA	NA	297	NA	NA	NA	NA	NA	NA	NA	NA	297
School Screening camps	600	NA	323	650	327	NA	236	NA	NA	NA	NA	NA	2,136
Paediatric Camps	NA	510	545	NA	501	NA	NA	NA	NA	NA	NA	NA	1556
Vision Centres	38,974	6,254	12,569	4,846	7,027	NA	1,136	NA	1,468	NA	NA	NA	72,274
Community Centres / City Centres	9,749	2,088	2,921	NA	2,843	NA	NA	NA	NA	NA	NA	NA	17,601
Total OP Examinations	1,33,777	23,052	56,718	60,609	42,966	6,437	7,010	16,411	6,392	6,396	3,440	19,027	3,82,235
Total Number of Camps	44	12	24	39	23	NA	NA	12	NA	NA	NA	8	162

SURGERIES

Service Proportion of Cataract Surgeries

Paying	3,322	398	1,226	1,602	1,165	357	201	758	187	144	148	674	10,182
Free (Direct)	2,006	256	728	1,374	717	137	182	227	250	73	NA	209	6,159
Camp	2,425	224	744	1,970	887	NA	60	347	61	17	NA	166	6,901
Total Cataract Surgeries	7,753	878	2,698	4,946	2,769	494	443	1,332	498	234	148	1,049	23,242

Note: NA - Not Applicable



ARAVIND EYE CARE SYSTEM

Admin