

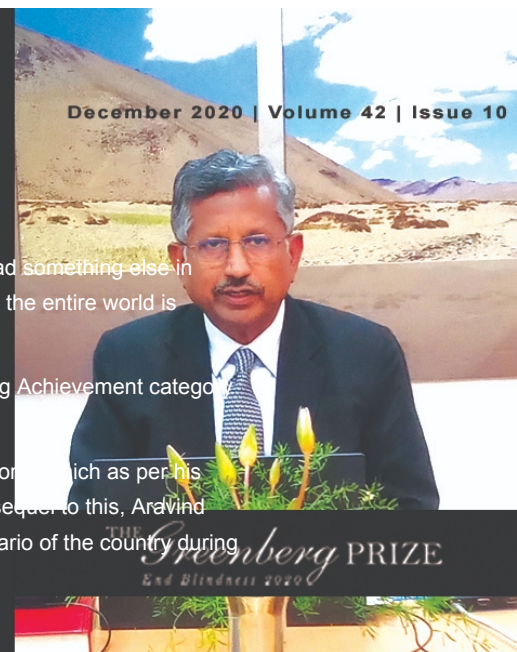
## Editorial

2020 is coming to a close and this is going to be the last newsletter for the year. All of us welcomed 2020 with great plans and hopes, but destiny had something else in store for us, that none of us have even had the slightest notion. COVID-19 has literally shaken our lives, irrespective of country, age and gender. As the entire world is getting back to normal, let us hope and pray for a healthy and happy 2021!

Aravind was truly honoured to be one of the recipients of the Greenberg Prize 2020. Chairman, Dr. R.D. Ravindran was honoured in the Outstanding Achievement category in recognition of Aravind's research towards prevention of blindness in the community.

Eminent artist, A. Perumal wished to stay away from limelight and so, never became popular during his time. He left a rich repository of unique artworks which as per his request was taken over by Aravind for safe care. Aravind commemorated his birth centenary in 2015 organising an exhibition of his artworks. As a sequel to this, Aravind arranged a webinar and exhibition early this month to celebrate the greatness of the artist who also played a crucial role in the political and art scenario of the country during independence.

News about these and many more feature in this issue.



## Accolades

### Aravind among the select few for Sanford Greenberg Prize: End Blindness 2020

Aravind Eye Care System is among the select few for the Greenberg Prize: End Blindness 2020. The award was announced in 2012 to recognise the work of the scientific and medical communities who have pioneered breath-taking advances in the fight to end blindness, between then and 2020. Prize recipients were honoured in two categories: Outstanding Achievement Prize and Visionary Prize. Aravind's Chairman, Dr. R.D. Ravindran was honoured in the Outstanding Achievement category in recognition of his profound contribution toward treating and curing blindness. The



award was given at a virtual ceremony on December 14, 2020.

#### **Dr. P. Namperumalsamy Delivers Dr.T.K. Alexander Memorial Oration**

Kerala Society of Ophthalmic Surgeons honoured Dr. P. Namperumalsamy with the Dr. T.K. Alexander Memorial Oration Award. Dr. Namperumalsamy delivered the oration titled, *Institution Building: Academic and professional Excellence*.

#### **Awards at Keracon**

*December 11-13, 2020*

At the virtual conference of Cornea Society of India, the following doctors bagged prizes. Dr. Ann Divya Jacob, Cornea Fellow, Aravind-Tirunelveli and Dr. Josephine Christy, Cornea Consultant, Aravind-Pondicherry won first and second prizes respectively in the e-poster competition. Dr. Aditya Sanjeev Ghorpade, Cornea Consultant, Aravind-Tirunelveli won second place in photo contest.

### **Aravind Events**

#### **Vision Centre Inaugurated at Sirumugai**

*Aravind-Coimbatore, December 14*

81st Vision Centre for Aravind Eye care System and 12th Centre for Aravind-Coimbatore was inaugurated at Sirumugai inaugurated by Mr.Inyathulla – President, Mr.Ramasamy-Vice President-Merchants Association, Sirumugai , Mr.Sanjay and Mr.Srivatsan From Habasit India. Various Community leaders were also present. On the first day, the centre handled 57 outpatients.

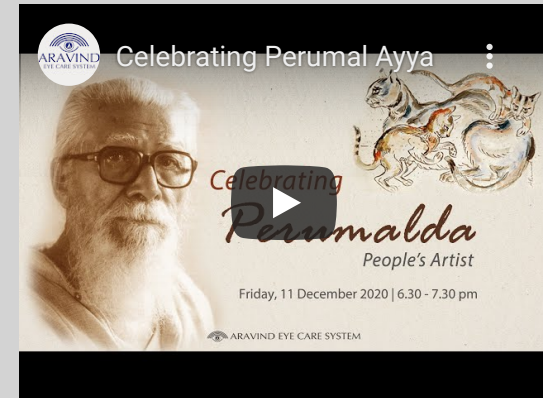


## Celebrating Perumalda

December 11

One of Aravind's greatest contributions to the field of arts was its efforts to recognize the glory and name of A. Perumal, the artist who played a crucial role in the political and art scenario of the country during independence. On December 11, Aravind conducted a virtual event to remember the great artist and his contributions. Eminent personalities in the field of arts like Prof R.V. Raju, Indran Rajendran, Trotsky Marudhu, K.M. Natarajan, M.G. Raffic Ahamed, A. Muthukrishnan, M.Sulaiman, Ramanan and Ravi Palette shared their thoughts about the artist and deliberated on his art works. The event was facilitated by Prof. Prabahar Vedamanickam of the American College, Madurai. An exhibition of Perumalda's art works was arranged at LAICO on the same day and was inaugurated by Dr. G. Natchiar.





### Phaco Development Workshop

Aravind-Madurai, November 6-7

The workshop was conducted for MS residents in collaboration with ALCON. A total of 17 residents participated. Lecture sessions were handled by Dr Madhu Shekhar, Dr Aruna Pai and Dr Dhanya C.A. Mr.Karthick and Mr.Anguraj from Alcon handled sessions on microscope focusing techniques and phacodynamics. Hands on sessions were also conducted as part of the workshop.





### Observing World Prematurity Day

Aravind-Madurai, November 18

As part of observing World prematurity day, Retinopathy of Prematurity team at Aravind-Madurai including doctors and co-ordinators visited obstetricians to create awareness about ROP and the screening facilities available at Aravind. The team sought their support in referring babies who are prematurely born. An awareness exhibition was arranged in the hospital premises for the benefit of patients and attenders.



### Aravind Retina Alumni Webinar Series: Session 3

Aravind-Madurai, December 9

Dr.S. Manoj OF Chaithanya Eye Hospital, Trivandrum spoke on *Optimising anti VEGF therapy outcomes in choroidal neovascularization*.

## LAICO

### Collaboration with Bosch: Cataract Surgery Programme

Over the past 60 years, Bosch has created a space for itself in the society not just as a technology and innovation pioneer, but also as a company that 'cares'. Bosch's corporate social responsibility (CSR) aims to make a difference in the communities in which it operates. Bosch India Foundation, one of the social engagement pillars drives a Holistic Village Development Program (HVDP) across 8 major locations in India. Health care is one of the thrust areas. In this context, Bosch has identified Lions Aravind Institute of Community Ophthalmology (LAICO) to coordinate cataract surgery programme as part of its CSR Programme. The programme aims to provide 870 free cataract surgeries for the identified persons living in BOSCH adopted villages through Aravind Eye Hospitals in Tamil Nadu and LAICO's partner eye hospitals in other parts of India. In total, 249 villages have been identified by Bosch for this programme, which are located in the vicinity of their manufacturing plants in the districts of Tirunelveli, Coimbatore, Chennai, Nasik, Bangalore, Ahmedabad, Pune and Jaipur. The programme implementation period is from September 2020 to March 2021. Following is the list of implementing organisations:

1. Aravind Eye Hospital – Tirunelveli, Tamil Nadu
2. Aravind Eye Hospital – Coimbatore, Tamil Nadu
3. Aravind Eye Hospital – Chennai, Tamil Nadu
4. Bangalore West Lions Super Speciality Eye Hospital, Bangalore, Karnataka
5. Jaipur Calgary Eye Hospital – Jaipur, Rajasthan
6. Porecha Eye Hospital, Ahmedabad, Gujarat, Ahmedabad, Gujarat
7. PBMA's H. V. Desai Eye Hospital, Pune, Maharashtra
8. Kalpataru Lions eye hospital, Nasik, Maharashtra
9. Tulsi Eye Hospital – Nasik, Maharashtra

### LEAP Collaborative Series

As part of the LEAP collaborative series, LAICO has rolled out an 8-month collaborative series on the topic "Community Referral System" for its partner hospitals from Lavelle, GSI and HCI projects. A total of 17 hospitals have shown interest and registered in the series. The programme aims to create access to eye care through strengthening community outreach.

LAICO is planning to roll out 12-month collaborative series for eye hospitals aspiring to get NABH entry level certification. The series starts from February 2020 and 10 hospitals will be enrolled in the first series. In order to develop internal capacity to handle sessions in this series, Aravind team attended Certified Professionals for Quality Implementation in Hospitals (CPQIH) COURSE organised by Consortium of Accredited Healthcare Organisations (CAHO) from December 1-3, 2020.

## Publications

### November 2020

1. Menon PR, Shekhar M, Sankarananthan R, Agarwal N, Dhanya CA, Wijesinghe HK. **Comparative analysis of predictability and accuracy of American Society of Cataract and Refractive Surgery online calculator with Haigis-L formula in post-myopic laser-assisted in-situ keratomileusis refractive surgery eyes.** Indian J Ophthalmol. 2020 Dec;68(12):2985-2989. [View More](#)
2. Chaitanya SR, Anitha V, Ravindran M, Ghorpade A, Rengappa R, Uduman MS. **Safety and efficacy of toric implantable collamer lens V4c model – A retrospective South Indian study.** Indian J Ophthalmol. 2020 Dec;68(12):3006-3011. [View More](#)
3. Das T, Agarwal M, Behera U, Bhattacharjee H, Bhende M, Das AV, Dave VP, Dogra A, Ghosh AK, Giridhar S, Joseph J, Kandle K, Karoliya R, Lalitha P, Pathengay A, Sharma S, Therese L. **Diagnosis and management of fungal endophthalmitis: India perspective.** Exp Rev Ophthalmol. 2020;15(6):355-365. [View More](#)
4. Abdul Khader SM, Bhad SM. **Retinal artery occlusion in young – An unusual case of branch retinal artery occlusion in a 6 year old child.** Retin Cases Brief Rep. 2020 Nov 18. [Epub] [View More](#)
5. Nath M, Odayappan A, Tripathy K, Krishnamurthy P, Nachiappan S. **Predicting Zonular Strength Based on Maximum Pupillary Mydriasis in Patients with Pseudoexfoliation Syndrome.** Med Hypothesis. 2020 Nov 21. [Epub] [View More](#)
6. Mills B, Radhakrishnan N, Karthikeyan Rajapandian SG, Rameshkumar G, Lalitha P, Prajna NV. **The role of fungi in fungal keratitis.** Exp Eye Res. 2020 Nov 26. [Epub] [View More](#)
7. Shekhawat NS, Niziol LM, Sharma SS, Joseph S, Robin AL, Gillespie BW, Musch DC, Woodward MA, Venkatesh R. **The Utility of Routine Fundus Photography Screening for Posterior Segment Disease: A Stepped-wedge, Cluster-randomized Trial in South India.** 2020 Nov 27. [Epub] [View More](#)
8. Raman R, Ramasamy K, Rajalakshmi R, Sivaprasad S, Natarajan S. **Diabetic retinopathy screening guidelines in India: All India Ophthalmological Society diabetic retinopathy task force and Vitreoretinal Society of India Consensus Statement.** Indian J Ophthalmol. 2020 Nov 26. [Epub] [View More](#)
9. Odayappan A, Kavitha S, Ramulu ST, Upadhyaya S, Venkatesh R. **Assessment of Reasons for Presentation in New Primary Glaucoma Patients and Identification of Risk Factors for Late Presentation.** Ophthalmol Glaucoma. 2020 Dec 3. [Epub]. [View More](#)
10. Gurnani B, Kaur K. **Changing drug regimen during COVID-19 pandemic lockdown: An experience from a Tertiary Eye Care Hospital as a cornea specialist.** Indian J Pharmacol. 2020 Sep-Oct;52(5):435-436. [View More](#)
11. Puthuran VP, Wijesinghe HK, Gedde SJ, Chiranjeevi KP, Mani I, Krishnadas SR, Robin AL, Palmberg P. **Surgical outcomes of superotemporal versus inferonasal placement of aurolab aqueous drainage implant in refractory pediatric glaucoma.** Am J Ophthalmol. 2020 Dec 9. [Epub] [View More](#)
12. Sivaprasad S, Raman R, Rajalakshmi R, Mohan V, Deepa M, Das T, Ramasamy K, Prevost AT, Wittenberg R, Netuveli G, Lingam G, Hanif W, Ramakrishnan R, Ramu J, Surya J, Conroy D; SMART India Study Collaborators. **Protocol on a multicentre statistical and**



**economic modelling study of risk-based stratified and personalised screening for diabetes and its complications in India (SMART India).** BMJ Open. 2020 Dec 12;10(12):e039657. [View More](#)

13. Yonova-Doing E, Zhao W, Igo RP Jr, Wang C, Sundaresan P, Lee KE, Jun GR, Alves AC, Chai X, Chan ASY, Lee MC, Fong A, Tan AG, Khor CC, Chew EY, Hysi PG, Fan Q, Chua J, Chung J, Liao J, Colijn JM, Burdon KP, Fritsche LG, Swift MK, Hilmy MH, Chee ML, Tedja M, Bonnemaier PWM, Gupta P, Tan QS, Li Z, Vithana EN, Ravindran RD, Chee SP, Shi Y, Liu W, Su X, Sim X, Shen Y, Wang YX, Li H, Tham YC, Teo YY, Aung T, Small KS, Mitchell P, Jonas JB, Wong TY, Fletcher AE, Klaver CCW, Klein BEK, Wang JJ, Iyengar SK, Hammond CJ, Cheng CY. **Common variants in SOX-2 and congenital cataract genes contribute to age-related nuclear cataract.** Commun Biol. 2020 Dec 11;3(1):755. [View More](#)
14. Wijesinghe HK, Puthuran GV, Gedde SJ, Pradhan C, Uduman MS, Krishnadas SR, Kannan NB, Robin AL, Palmberg P. **Incidence and Outcomes of Suprachoroidal Hemorrhage Following Aurolab Aqueous Drainage Implant in Adult and Pediatric Glaucoma.** J Glaucoma. 2020 Dec 17. [Epub] [View More](#)
15. Das A, Ranjan R, Shah PK. **Coexistent retinoblastoma and retinopathy of prematurity in a preterm infant.** Ophthalmic Surg Lasers Imaging Retina. 2020 Dec 1;51(12):732. [View More](#)
16. Gowri P, Mahesh Kumar S, Vanniarajan A, Bharanidharan D, Sundaresan P. **A hospital-based five-year prospective study on the prevalence of Leber's hereditary optic neuropathy with genetic confirmation.** Mol Vis. 2020;26:789-796. [View More](#)

## Statistics

### Patient Monthly Statistics

November – 2020															
Hospitals	Madurai	Tirunelveli	Theni	Coimbatore	Pondicherry	Tirupur	Dindigul	Salem	Tuticorin	Udumalpet	CbeCC	Chennai	Tirupati	Kovilpatti	Total
HOSPITAL OUT-PATIENT VISITS															
Paying (New & Review)	37,155	20,976	6,820	20,144	16,631	4,681	3,998	6,472	7,072	3,337	2,819	14,580	7,075	2,135	153,808
Free:Direct walk-in (New & Review)	11,790	5,546	1,760	7,700	6,594	1,574	—	1,697	3,360	1,591	—	4,564	3,380	373	49,996
OUTREACH OUT PATIENT															
Comprehensive Eye Camps	498	—	—	—	—	—	—	—	—	—	—	—	—	—	498

Refraction Camps	181	—	—	—	—	—	—	—	—	—	—	—	—	—	—
RoP Screening	205	123	143	482	—	—	—	—	—	—	—	132	1	—	1,0
Vision Centres	18,117	11,065	4,817	3,669	7,535	870	—	418	—	1,250	—	—	—	—	47,7
Community / City Centres	7,050	2,073	1,606	—	2,004	—	—	—	—	—	—	—	—	—	12,7
<b>Total OP Examinations</b>	74,996	39,783	15,146	31,995	32,764	7,125	3,998	8,587	10,432	6,178	2,819	19,276	10,456	2,508	266,0
<b>SURGERIES</b>															
Cataract	4,151	2,075	699	2,432	1,735	603	359	887	711	573	131	1,372	697	124	16,5
*Other Surgeries	3,549	1,612	308	2,237	1,630	37	85	301	473	79	88	971	473	39	11,8
Total Surgeries	7,700	3,687	1,007	4,669	3,365	640	444	1,188	1,184	652	219	2,343	1,170	163	28,4

**\*Other surgeries include major surgeries, minor surgeries, intra-vitreous & other injections and laser procedures**

**Note: Owing to COVID-19 restrictions, Aravind has suspended all its outreach eye camps**

## Archives

Learn more about the happenings at Aravind

December 2020



More Archives

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