

World Diabetes Day 2022

Editorial

The prevalence of diabetes is on a rapid rise especially in low- and middle-income countries than in high-income countries. Diabetes is a major cause of blindness, kidney failure, heart attacks, stroke and many other conditions. A multifaceted approach which includes awareness creation, adherence to treatment, and lifestyle modifications are crucial to controlling diabetes. Since eye is one of the main organs affected by uncontrolled diabetes, Aravind Eye Hospitals observed World Diabetes Day with a wide variety of programmes.

Retinopathy of prematurity (RoP) is a potentially blinding disease caused by the abnormal development of retinal blood vessels in premature babies. Blindness due to RoP can be avoided if the baby undergoes an eye check preferably within a month of birth and necessary treatment is taken if found to have the disease. Aravind centres have been actively involved in creating awareness and providing treatment for RoP. RoP awareness day was observed recently with many awareness creation campaigns and RoP screening programmes.

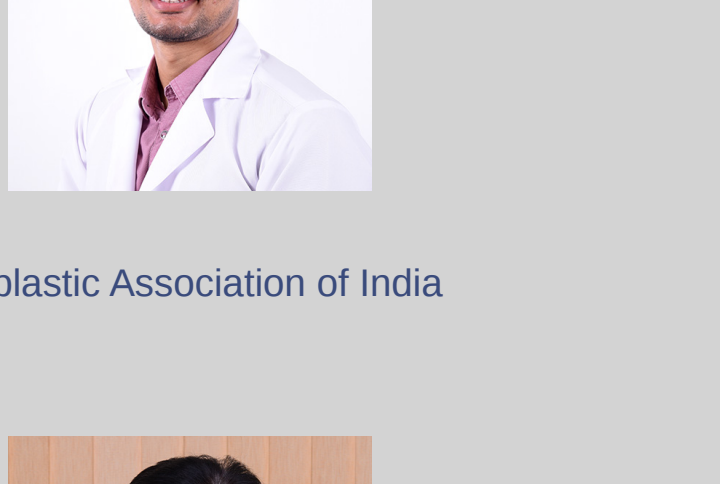
News about these and many more feature in this issue.

Accolades

Annual Conference of Andhra Pradesh Ophthalmic Society

Vijayawada, October 14

Dr. R. D. Ravindran, Chairman, Aravind Eye Care System delivered the Dr. P. Siva Reddy Oration. Dr. R. Ramakrishnan, Advisor, Aravind-Tirunelveli delivered the Dr. Sonty Sriram Lecture.



Prof. B.P Kashyap Memorial Oration 2022

Patna, October 15

Dr. R. Kim, Chief Medical Officer, Aravind-Madurai delivered the Prof. B.P Kashyap Memorial Oration 2022 at the 35th Eastern India Zonal Ophthalmological Congress.



Best Free Paper Award - Maharashtra Ophthalmological Society Conference

Nasik, October 14

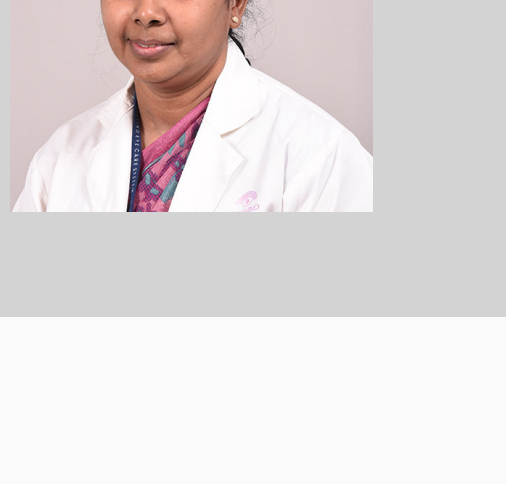
Dr. Pinank Kharkande, Aravind – Coimbatore won First Place for Free Paper titled *Ehambutol optic neuropathy: Another Conundrum in the Neuro-Ophthalmology Category* at the Annual Conference of Maharashtra Ophthalmological Society.



Ph.D Awarded by Alagappa University

October 26, 2022

A. Divya, Department of Proteomics, Aravind Medical Research Foundation was awarded Ph.D for her research on *Interaction of pathogenic fungi with human corneal epithelial cells*. She did her study under the guidance of Prof. K. Dharmalingam.



Aravind Events

World Diabetes Day 2022

November 14

Aravind centres observed World Diabetes Day with a host of programmes to sensitize public on the importance of controlling diabetes and regular eye examination to prevent blindness due to diabetic retinopathy. Programmes included exclusive diabetic retinopathy screening camps, awareness rallies, seminars, talks, exhibitions, literary and drawing competitions in schools.



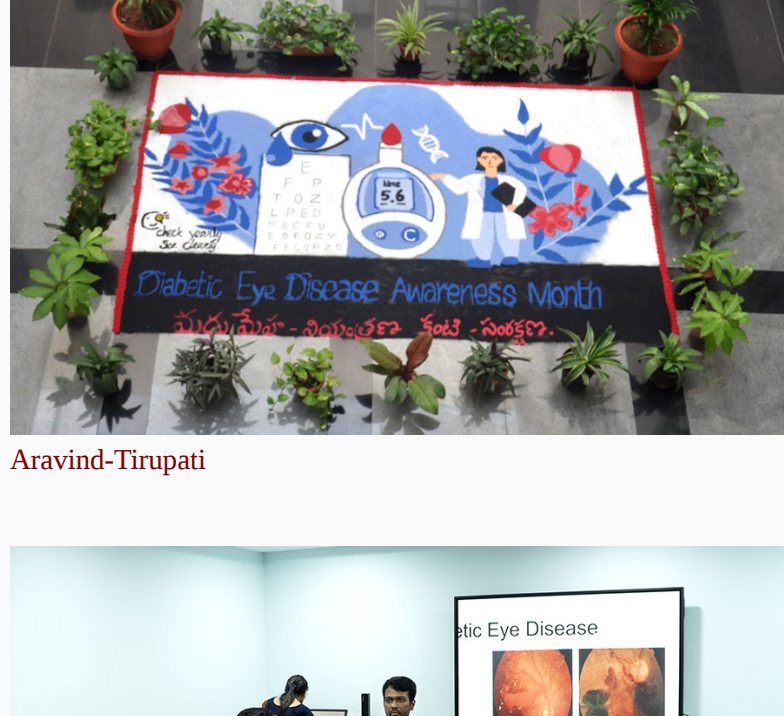
Aravind-Madurai



Aravind-Madurai



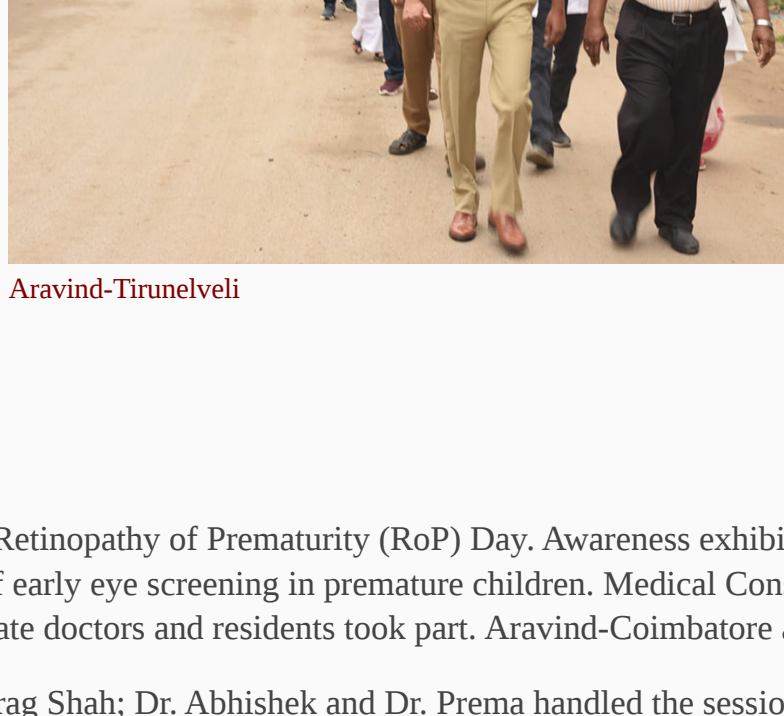
Aravind-Madurai



Aravind-Tirupati



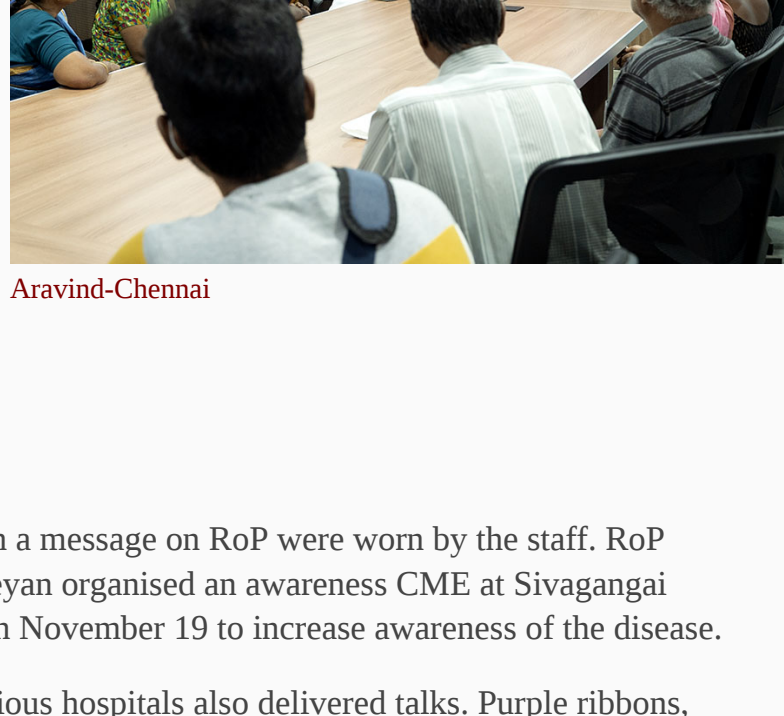
Aravind-Tirunelveli



Aravind-Tirunelveli



Aravind-Chennai



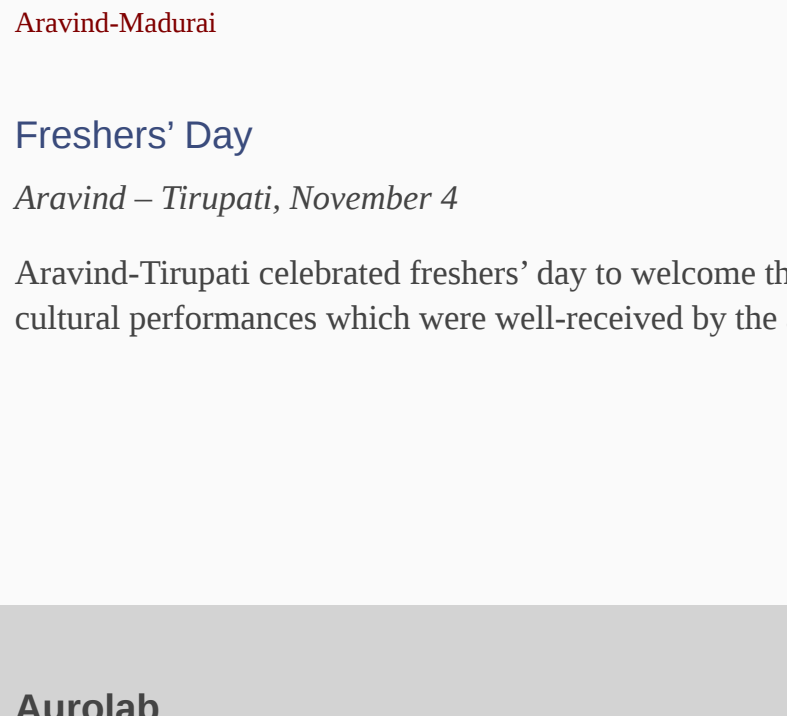
Aravind-Chennai

Observing World Prematurity Day

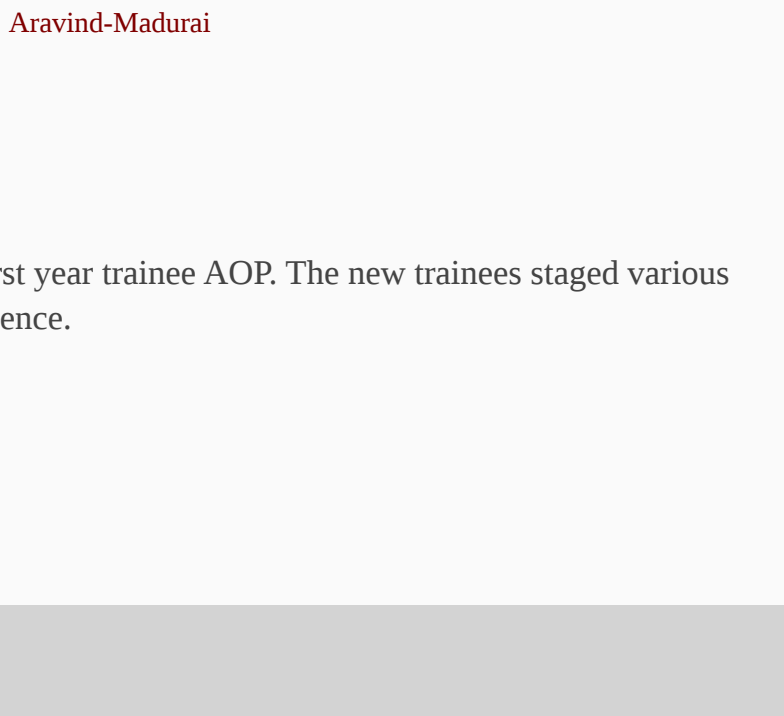
November 17

Aravind Eye Hospitals, Madurai and Coimbatore observed Retinopathy of Prematurity (RoP) Day. Awareness exhibitions were arranged in the premises of the hospitals. Badges with a message on RoP were worn by the staff. RoP specialists gave talks on the condition and the importance of early eye screening in premature children. Medical Consultants of Aravind-Madurai, Dr. Renu P. Rajan and Dr. Karthikeyan organised an awareness CME at Sivagangai Government Hospital on November 19 in which post-graduate doctors and residents took part. Aravind-Coimbatore arranged a similar CME for paediatricians and neonatal nurses on November 19 to increase awareness of the disease.

About 50 participants actively took part in the CME. Dr. Parag Shah; Dr. Abhishek and Dr. Prema handled the sessions. Four paediatricians and three staff of neonatal units from various hospitals also delivered talks. Purple ribbons, chocolates, balloons and brochures were distributed for kids who attended the outpatient department. Awareness posters and videos were displayed in the patient waiting areas of the hospital.



Aravind-Madurai



Aravind-Madurai



Aravind-Theni



Aravind-Theni

Freshers' Day

Aravind – Tirupati, November 4

Aravind-Tirupati celebrated freshers' day to welcome the first year trainee AOP. The new trainees staged various cultural performances which were well-received by the audience.

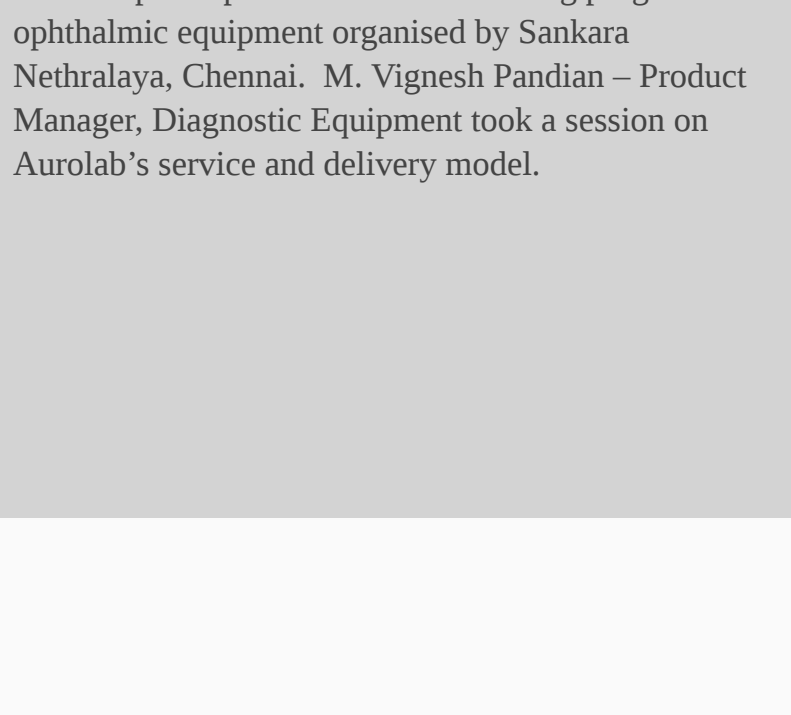
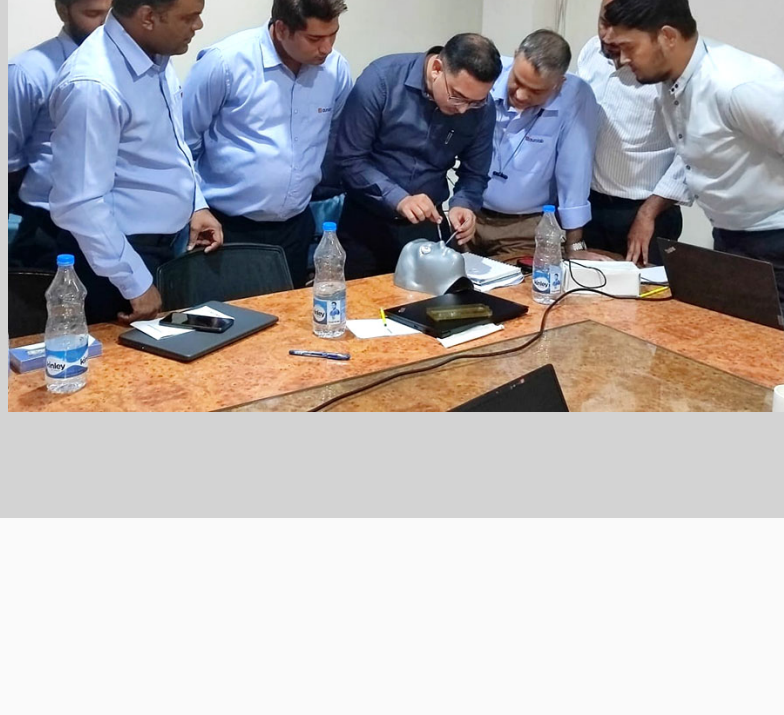
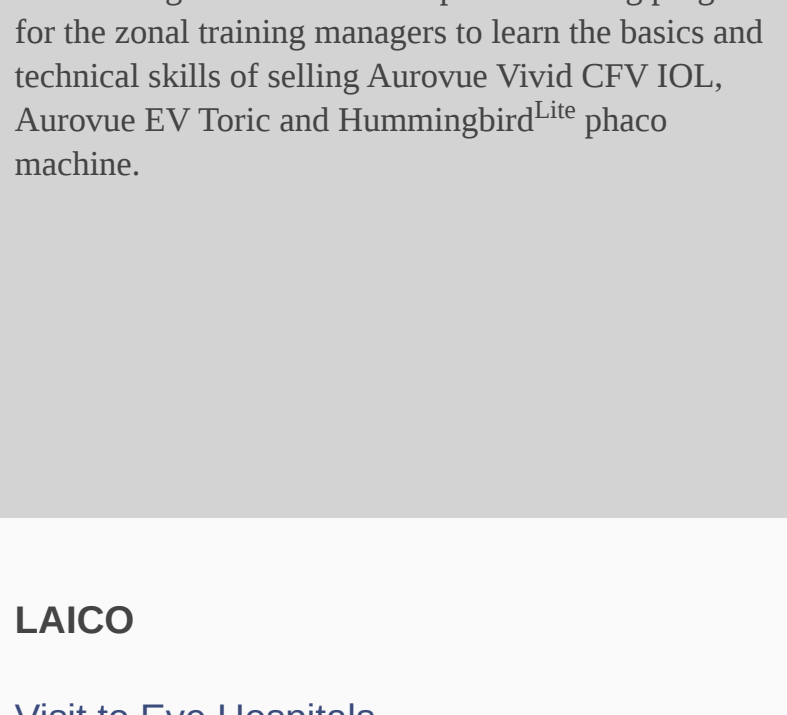


AuroLab

Conferences Attended by AuroLab

AuroLab participated in the following conferences and promoted Aurovue VIVID, Aurovue EV Toric IOL, and Hummingbird[®] IOL

- Ophthacon 2022, Amritsar, October 28 – 30
- Annual Conference of Oculoplastic Association of India, Mumbai, November 11-13
- Ophthalmological Society of Assam Conference, Guwahati, November 12-13
- Annual Conference of Glaucoma Society of India, New Delhi, November 18-20

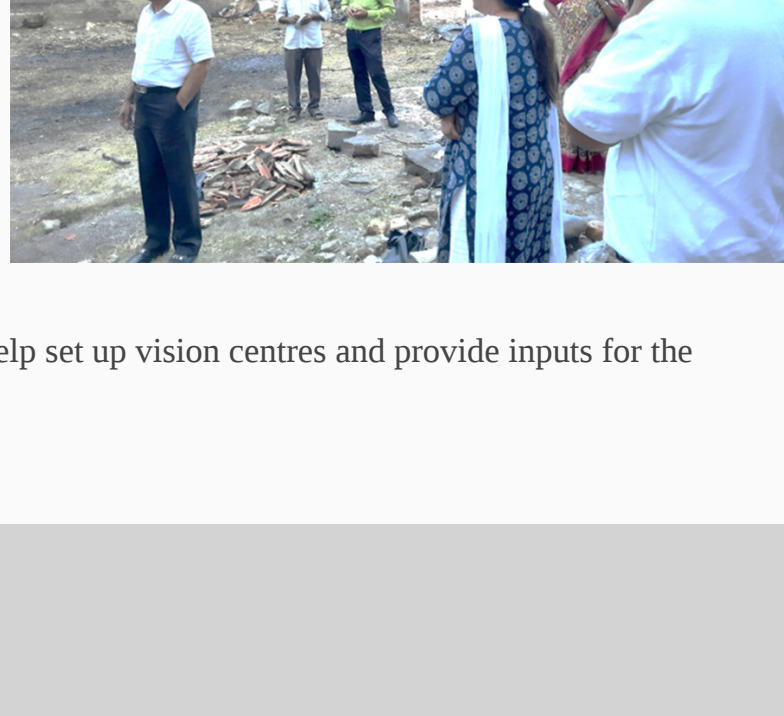
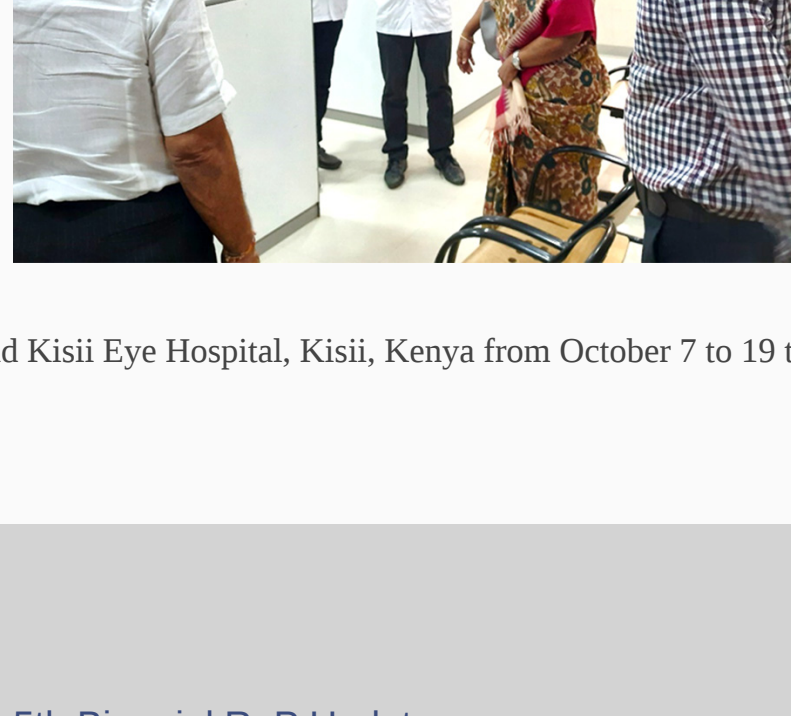


LAICO

Visit to Eye Hospitals

Dr. Dayakar Yadella, Aravind-Pondicherry and R. Suresh Kumar, LAICO visited H V Desai Eye Hospital, Pune (October 14-16) and Tejas Eye Hospital, Surat (October 17-19). Both the hospitals are part of the Leap Vision Centre collaborative and the purpose of the visit was to analyse the performance of the vision centres of these hospitals, review the ideas implemented and identify gaps and challenges and derive solutions. The team also conducted training for the vision centre staff of H V Desai Hospital in which 50 staff took part.

Dr. Kalpana Narendran, Aravind-Coimbatore; D. Yesunesan, LAICO ; Vignesh, Aravind-Coimbatore and Israel Gnanaraj, Managing Director, Design Collaborative were at Sudarshan Netralaya, Amreli to understand the hospital's growth potential, current gaps and challenges and develop an action plan to address these. The team conducted a full-fledged performance review on various indicators after understanding and analysing the annual performance data. They also analysed the hospital's infrastructure requirements and the need for adding more services in near future.



K.M.Sashi Priya, LAICO; Dr. A. Kowsalya, Aravind-Madurai and Sr. Shanmugam visited City Eye Hospital, Nairobi and Kisii Eye Hospital, Kisii, Kenya from October 7 to 19 to help set up vision centres and provide inputs for the efficient running of these centres.

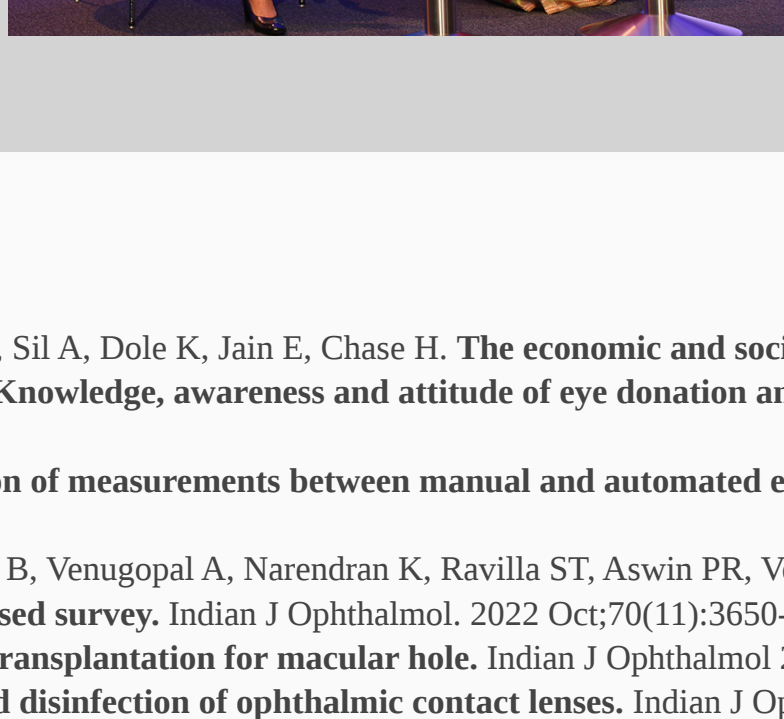
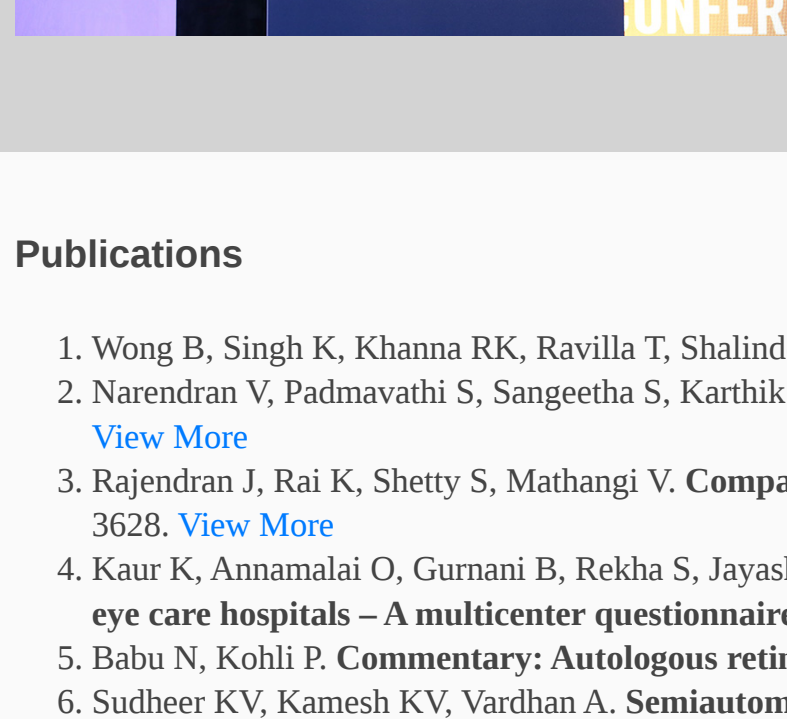
Conference Attended

The Marketing Society Annual Conference 2022

London, UK, November 2

Dr. Usha Kim

– An extraordinary story of service, community and innovation

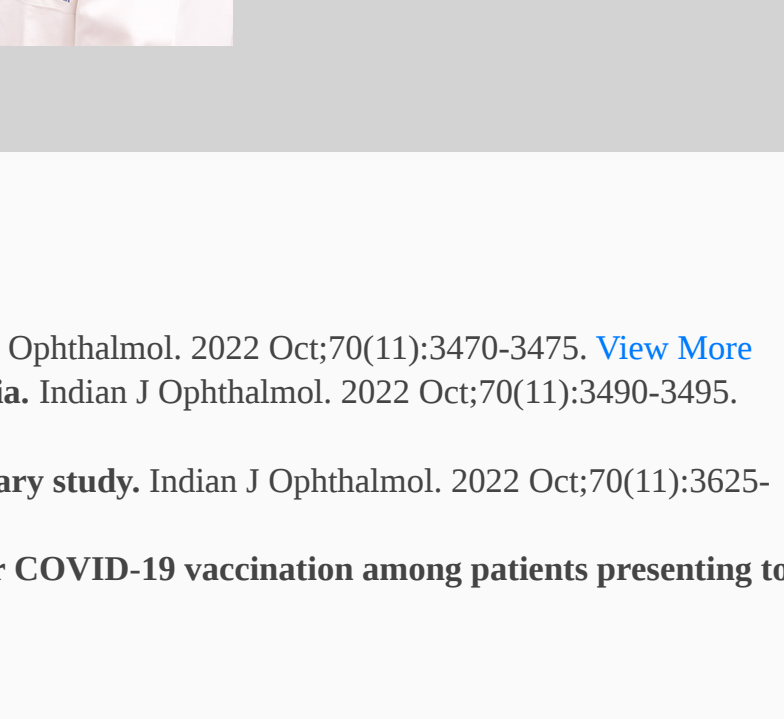
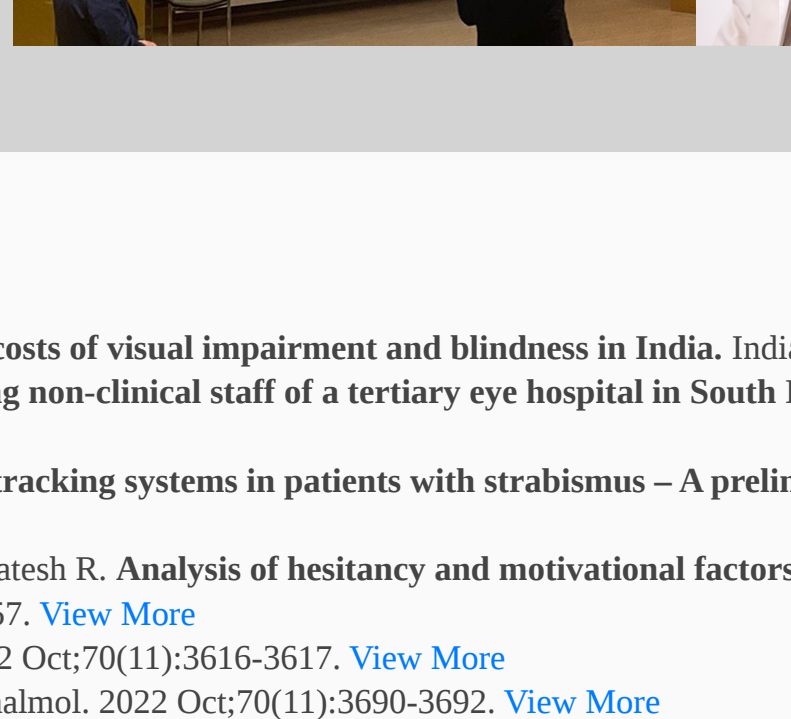


5th Biennial RoP Update

Aravind – Coimbatore, October 8

Dr. Parag K Shah

– RoP in India



Publications

- Wong B, Singh K, Khanna RK, Ravilla T, Shalinder S, Sil A, Dole K, Jain E, Chase H. **The economic and social costs of visual impairment and blindness in India.** Indian J Ophthalmol. 2022 Oct;70(11):3470-3475. [View More](#)
- Narendran V, Padmavathi S, Sangeetha S, Karthik N. **Knowledge, awareness and attitude of eye donated eye bank in tertiary eye hospital in South India.** Indian J Ophthalmol. 2022 Oct;70(11):3490-3495. [View More](#)
- Rajendran J, Rai K, Shetty S, Mathangi V. **Comparison of measurements between manual and automated eye tracking systems in patients with strabismus – A preliminary study.** Indian J Ophthalmol. 2022 Oct;70(11):3625-3628. [View More](#)
- Kaur K, Annamalai O, Gurnani B, Rekha S, Jayashree B, Venugopal A, Narendran K, Ravilla ST, Aswin PR, Venkatesh R. **Analysis of hesitancy and motivational factors for COVID-19 vaccination among patients presenting to eye care hospitals – A multicenter questionnaire-based survey.** Indian J Ophthalmol. 2022 Oct;70(11):3650-3657. [View More](#)
- Babu N, Kohli P. **Commentary: Autologous retinal transplantation for macular hole.** Indian J Ophthalmol. 2022 Oct;70(11):3616-3617. [View More](#)
- Sudher KV, Kamesh KV, Vardhan A. **Semiautomated dissection of ophthalmic contact lenses.** Indian J Ophthalmol. 2022 Oct;70(11):3690-3692. [View More](#)
- Kene RD, Shaferia PP, Kumar MK, Shah VM. **Neuro-ophthalmic Sequelae in COVID-19 Recovered Cases.** Indian J Ophthalmol. 2022 Oct;70(11):3736-3737. [View More](#)
- Byanji R, Kandel RP, Poudyal B, Bhandari S, Ligal A, Pradhan S, Gautam M, Shrestha P, Sah RK, Gonzales JA, Porco TC, Whitcher JP, Srinivasan M, Upadhyay MP, Lietman TM, Keenan JD, O'Brien KS; Village-Integrated Eye Worker Trial Group. **Risk factors for corneal ulcers: a population-based matched case-control study in Nepal.** Br J Ophthalmol. 2022 Oct 6. [Epub] [View More](#)
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- Puthuran GV, Ramesh S, Maheswari P, Reddy MM, S MSTU, Krishnasdas SR, Gedde SJ. **Long-term surgical outcomes of AuroLab aqueous drainage implant in pediatric eyes with primary congenital glaucoma versus aphakic glaucoma.** Br J Ophthalmol. 2022 Oct 13. [Epub] [View More](#)
- Manayath GJ, Verghese S, Chandrakanth P, Gosalia HV. **Bilateral asymmetrical choroidal vitiligo.** J Postgrad Med. 2022 Oct 11. [Epub] [View More](#)
- Odayappan A, Sivakumar P, Kotawala S, Raman R, Nachappan S, Pachiyappan A, Venkatesh R. **Comparison of a New Head Mount Virtual Reality Perimeter (C3 Field Analyzer) with Automated Field Analyzer in Neuro-Ophthalmic Disorders.** J Neuroophthalmol. 2022 Oct 18. [Epub] [View More](#)
- Hicks PM, Singh K, Prajna NV, Lu MC, Niziol LM, Greenwald MF, Verkade A, Amescua G, Farsiu S, Woodward MA; Cornea Ulcer Research Group. **Quantifying Clinicians' Diagnostic Uncertainty When Making Initial Treatment Decisions for Microbial Keratitis.** 2022 Oct 17. [Epub] [View More](#)
- Sankaranarayanan R, Prasad S, Shekhar M, Narendran S, Balakrishnan L, Rathinam SR. **Outcomes of cataract surgery in patients with Human Immunodeficiency Virus infection in a developing country.** Int Ophthalmol. 2022 Oct 23. [Epub] [View More](#)

Training

Enrolments for October 2022		
Course title	Training Centre	No. of enrolments
Long Term Fellowship Programmes – For Ophthalmologists		
Fellowship in General Ophthalmology	Pondicherry	1
	Madurai	1
	Chennai	1
Fellowship in Cornea	Pondicherry	1
	Coimbatore	1
Fellowship in Orbit and Oculoplasty	Madurai	1
	Coimbatore	1
Short Term Training Programmes – For Ophthalmologists		
HelpMeSee Simulation-based Training in MSICS	Madurai	1
Neuro Ophthalmology	Coimbatore	1
Vitreotomy	Coimbatore	1
Phacoemulsification	Madurai	1
	Pondicherry	1
	Tirunelveli	2
	Coimbatore	2
Small Incision Cataract Surgery	Pondicherry	1
	Coimbatore	2
	Madurai	1
Short Term Training Programs – For Paramedicals		
OT techniques	Madurai	4
FFA & USG	Madurai	1
Ocularist	Madurai	1
Instrument Maintenance for Technicians		
Instrument Maintenance for Technicians	LAICO	8

Statistics

Patient Statistics – October 2022														
Hospitals	Total	Madurai	Tirunelveli	Theni	Coimbatore	Pondicherry	Tirupur	Dindigul	Salem	Tuticorin	Udumalpet	CheCC	Chennai	Tirupati
Hospital Out-patient visits														
Paying (New & Review)	238,984	54,277	30,692	8,719	33,292	24,283	5,154	8,271	11,478	5,362	4,236	3,870	31,664	14,870
Free/Direct walk-in (New & Review)	84,196	20,182	7,532	2,673	10,803	9,561	2,069	–	3,779	1,696	2,234	–	9,991	12,881
Outreach Out-patients														
Comprehensive Eye Camps	26,379	6,796	4,451	1,173	4,685	3,350	200	–	1,772	394	90	–	2,525	943
Diabetic Retinopathy Camps	2,335	827	–	268	934	306	–	–	–	–	–	–	–	–
Refraction Camp	2,360	–	228	–	1,135	468	–	–	251	–	–	–	278	–
Mobile Refraction Unit	1,279	–	–	86	398	–	–	–	795	–	–	–	–	–
School Screening	15,110	–	213	303	1,732	2,391	–	–	8,297	–	–	–	289	1,885
ROP Screening	1,842	288	306	200	770	93	–	–	–	–	–	–	163	21
Vision Centres	71,431	23,799	14,537	5,853	5,655	13,157	1,408	–	3,497	–	2,029	–	1,497	–
Community / City Centres	15,637	8,979	2,684	2,347	–	2,627	–	–	–	–	–	–	–	–
Total OP Examinations	461,828	115,148	60,643	21,622	59,655	57,260	8,831	8,271	29,869	7,452	8,589	3,870	46,407	30,600
Total number of camps	126	27	25	7	26	14	1	–	6	1	1	–	10	8
Surgeries														
Cataract	30,255	6,992	3,430	906	4,521	3,396	560	549	2,052	496	798	204	3,280	2,931
*Other Surgeries	18,547	5,216	2,778	374	3,456	1,986	70	164	542	86	81	124	2,580	1,046
Total Surgeries	48,802	12,208	6,208	1,280	7,977	5,382	630	713	2,594	582	879	328	5,860	3,977

*Other surgeries include major surgeries, minor surgeries, intra-vitreal & other injections and laser procedures.

Archives

Learn more about the happenings at Aravind

November 2022

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