#### Editorial

After a gap of two years, All India Ophthalmological Society had its annual national conference conducted in person, at Mumbai in the first week of June. Many Aravind doctors won awards at this conference, including the Chairman, Dr. R.D. Ravindran bestowed with the Dr. Gullapalli N Rao Endowment Lecture Award.

With a view to educate the general public on eye care and eye diseases, Aravind Eye Hospitals regularly observe special days arranging programmes that are of interest to the public. Myopia Awareness Week was observed across the centres with prime focus on educating children and their parents on proper eye care.

Aravind's secondary care centre at Dindigul is all set to move to a new facility in July.

News about these and many more feature in this issue.

#### **Accolades**

### Dr.Gullapalli N Rao Endowment Lecture Award





Mumbai, June 2

Dr. R. D. Ravindran delivered the prestigious Dr.Gullapalli N Rao Endowment Lecture at the 80<sup>th</sup> Annual National Conference of All India Ophthalmological Society held at Mumbai. He received the award from the chief guest of the event, Ms. Aishwaria Rai Bachchan. Dr. Ravindran titled his talk, *The science of ophthalmology and my philosophy*.

## DNB Gold Medal





New Delhi, June 20

Dr. V.P. Meera Lakshmi of Aravind Eye Hospital, Theni was conferred Gold Medal in the Ophthalmology speciality of the Diplomate of the National Board (DNB) at the 21<sup>st</sup> convocation ceremony of the National Board of Examinations in Medical Sciences.

### Awards at All India Ophthalmic Conference

Mumbai, June 2-5

Dr. Kirandeep Kaur, Consultant, Paediatric Ophthalmology Department, Aravind-Pondicherry

• Best physical poster in Neuro-ophthalmology

Dr. Kunal Madlik, Cornea Consultant, and Dr. Shivaraj Tagare, PG Resident, Aravind-Pondicherry

• Consolation prize, Think under the apple tree

Dr. Siddharth Narendran, Consultant, Cataract and IOL Clinic, Aravind-Coimbatore

• Rema Mohan Award for best paper in medical retina

Dr. Prithvi Chandrakanth, Fellow, Retina and Vitreous Services, Aravind-Coimbatore

- Second prize and consolation prize, Think under the apple tree
- First prize, Free paper in Glaucoma
- Best poster prize, Comprehensive ophthalmology

He also received the International Ophthalmic Hero Award 2021.

Dr.Hirika Gosalia, PG Resident, Aravind-Coimbatore

- Elected as the Executive Member, Young Ophthalmologists Society of India
- First runner up Free paper, Neuro-ophthalmology and also Special category video
- FIFA video award

Dr. Pinkal, Fellow, Cornea Clinic, Aravind-Coimbatore

• Free paper semi-final contestant

Dr. Maheswari, Fellow, Retina and Vitreous Services, Aravind-Coimbatore

• First Prize, Free paper in Community Ophthalmology

Dr. Sindhuja Murugesan, Aravind-Coimbatore

- Free paper semi-final contestant
- Fellow of All India Collegium of Ophthalmology



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### Aravind Events

Aravind's secondary eye care centre at Dindigul will soon move to new, spacious premises. The building is ready and will be formally inaugurated in July. Boiling the milk ceremony for this new building was held on June 10 in the presence of senior leadership team of Aravind.









### D43 Project: Building Non-Communicable Eye Disease Research Capacity in India

Aravind-Madurai, May 25-27

Aravind Eye Care System was awarded with a grant by the US Federal Government to address non-communicable diseases (NCD) across the lifespan, focusing on prevention, early life determinants, risk factors, co-morbid conditions, and control of NCDs. Aravind Eye Hospital will execute this project in collaboration with University of Michigan, USA. The project will provide an interdisciplinary training programme for clinicians:

- to develop knowledge and skills needed to design and conduct clinical research
- to introduce them to life course approaches in clinical-epidemiological research
- to contribute to preventing and reducing the impact of NCEDs in India for its rapidly aging population

Towards initiating the project activities, a team from University of Michigan – Joshua Robert Ehrlich; David C. Musch and Dr. Nambi Nallasamy visited Aravind and held discussions with the senior members here. Dr. Shyam Vasudevarao and Dr. Anand Vinekar from Narayana Nethralaya Hospital, Bangalore too joined the discussion.









Myopia Awareness Week

Aravind, May 23-28

Aravind centres observed Myopia awareness week with the theme, *Make your eyes move*. Parents and children actively participated in the various events. Awareness talks on myopia, digital eye strain and importance of outdoor activities for kids were organised. Games and drawing competitions were conducted for the kids and the winners were given attractive prizes.







Aravind-Pondicherry



Aravind-Chennai



Aravind-Chennai

### Aurolab

# Aurolab participates in All India Ophthalmic Conference

Mumbai, June 2-5

Aurolab participated in the conference and launched its products – Aurovue VIVID, Smart vision glasses, Aurovue, EV Toric and Ribolink. It also gave a demo of Hawk I with an imaging system, Aurocoat plus, Aurosil 1500, Auromox and Nanocut. First time in AIOC, Aurolab created a vision centre set-up to create an experience for the targeted customer. More than 800 people visited Aurolab stall.

Aurolab also organised an Aravind Alumni Meet at MCA Recreation Centre, Mumbai on June 4. More than 100 Alumni took part.











## **LAICO**

The twentieth batch of this week-long course for Heads of Eye Hospitals had 33 participants from 5 countries (India, Nepal, Nigeria, Kenya, Ethiopia). The course covered various aspects of strategic management and leadership. The faculty comprised of mid and senior level leaders of Aravind: Dr. R. D. Ravindran, Dr. Kim, R.D. Thulasiraj, R. Meenakshi Sundaram, Dr Krishnadas, Dr. S. Aravind, Dr. Haripriya, Dr. Datta, Ganesh Babu, Suresh Kumar, Ushalini, Deepa, Dhivya, Dr. Siddharth.

Guest Faculty included: Prof Balasubramaniam, former dean of Institute for Financial Management and Research & Prof Chandrasekhar Sripada of Indian School of Business. Also, Mritunjay Tiwary and Dr. Ajit Poddar of Akhand Jyoti Eye Hospital and Dr. Nikhil Gandhi of Anupam Eye Centre were invited to share their experience.

#### Participant feedback:

"It reoriented me to the purpose of why I'm running a healthcare organization. The vision and mission which were merely phrases became more relatable and purpose driven. The feeling that change can be brought about in a scientific way, which earlier seemed very impossible, is something I'm taking away"

"I found this course very useful for me. Having worked in clinical field I had very little knowledge in the field of management. As a newly appointed chief of hospital services, this course helped me understand various aspects of leadership and management skills."

"It was an eye opening experience, so many things that we may have felt were correct are all substantiated by data. Highly recommend for anyone who wants to take their hospital to the next level in terms of not only volumes but also quality, efficiency and compassion."









#### **Publications**

- 1. Miraglia BM, Mendoza L, Rammohan R, Vilela L, Vilela G, Vilela G, Huebner M, Mani R, Vilela R. Pythium insidiosum complex hides a cryptic novel species: Pythium periculosum. Fungal Biol. 2022 May;126(5):366-374. View More
- Gurudas S, Frudd K, Maheshwari JJ, Revathy YR, Sivaprasad S, Ramanathan SM, Pooleeswaran V, Prevost AT, Karatsai E, Halim S, Chandra S, Nderitu P, Conroy D, Krishnakumar S, Parameswaran S, Dharmalingam K, Ramasamy K, Raman R, Jones C, Eleftheriadis H, Greenwood J, Turowski P. Multicenter Evaluation of Diagnostic Circulating Biomarkers to Detect Sight-Threatening Diabetic Retinopathy. JAMA Ophthalmol. 2022 May 5. [Epub] View More
- 3. Kathirvel K, Haribalaganesh R, Krishnadas R, Muthukkaruppan V, Willoughby CE, Bharanidharan D, Senthilkumari S. A Comparative Genome-Wide Transcriptome Analysis of Glucocorticoid Responder and Non-Responder Primary Human Trabecular Meshwork Cells. Genes. 2022;13:882. View More
- 4. Senthamizh T, Aravind H, Singh TP. Factors associated with postoperative visual outcome in acute endophthalmitis after cataract surgery-a cross-sectional, analytical study. Digit J Ophthalmol. 2022 Feb 12;28(1):1-6. View More
- 5. Theiveegan D, Tanwar M, Kulkarni P, Mohan S, Kim U. Orbital tooth not always a teratoma: a case report. Orbit. 2022 May 17:1-4. [Epub] View More
- 6. Annamalai AK, Prajna VN, Chowdhury G, Santhi R, Kannan M, Vedantham S, Gurnell M. Wilson's disease never too late. Am J Med. 2022 May 14. [Epub] View More
- 7. Kathirvel K, Karen L, Haribalaganesh R, Krishnadas R, Muthukkaruppan V, Lane B, Simpson DA, Goljanek-Whysall K, Sheridan C, Bharanidharan D, Willoughby CE, Senthilkumari S. Short and long-term effect of dexamethasone on the transcriptome profile of primary human trabecular meshwork cells in vitro. Sci Rep. 2022 May 18;12(1):8299. View More
- 8. Vishwaraj CR, Vellam VR, Srinivasan K. Secondary Angle Closure Mimicking Aqueous Misdirection. Ophthalmol Glaucoma. 2022 May-Jun;5(3):312. View More
- 9. Babu N, Kohli P, Rajan RP, Ramasamy K. Inverse drainage Nd: YAG membranotomy for pre-macular hemorrhage. Eur J Ophthalmol. 2022 May. [Epub] View More
- 10. Gurnani B, Christy J, Narayana S, Kaur K, Moutappa F. Corneal Perforation Secondary to Rosacea Keratitis Managed with Excellent Visual Outcome. Nepal J Ophthalmol. 2022;14(27):162-167. View More
- 11. Agarwal M, Sachdeva M, Shah S, Raman R, Rani PK, Rajalakshmi R, Sivaprasad S, Vignesh TP, Ramasamy K, Madharia A, Sen A, Sugumar S, Behera UC, Rodrigues AM, Anantharaman G, Priya S, Majumdar A; India Retinal Disease Study group. Correlating the patterns of diabetic macular edema, optical coherence tomography biomarkers and grade of diabetic retinopathy with stage of renal disease. Int Ophthalmol. 2022 May 28. [Epub] View More

## Training

Enrolments for May 2022						
Course title	Training Centre	No. of enrolments				
Long Term Fellowship Programmes – For Ophthalmologists						
Followskin in Antorior Sogment 9 IOL Surgery	Madurai	1				
Fellowship in Anterior Segment & IOL Surgery	Coimbatore	1				
	Madurai	2				
Fellowship in Cornea	Coimbatore	1				
	Pondicherry	1				
Fellowship in Paediatric ophthalmology	Coimbatore	1				
Fellowship in Retina	Coimbatore	1				
Short Term Training Programmes – For Ophthalmologists						
	Madurai	1				
Clinical Observership Program In Diagnosis and Management Of	Tirunelveli	1				
Glaucoma	Pondicherry	1				

	Coimbatore	1					
	Pondicherry	2					
Phacoemulsification	Madurai	2					
Friacoemusiication	Tirunelveli	2					
	Coimbatore	1					
	Coimbatore	3					
Small Incision Cataract Surgery	Tirunelveli	1					
Small musion Catalact Surgery	Pondicherry	2					
	Madurai	2					
Management Courses							
Management Priorities in Eye Care Delivery	LAICO	33					
Instrument Maintenance – for Technicians							
Online Course on Ophthalmic Instruments Maintenance – Part I	LAICO	1					
Eye Bank Techniques							
Training in Eye Bank Management	LAICO	1					

## **Statistics**

June 2022

Patient Statistics – May 2022															
Hospitals	Total	Madurai	Tirunelveli	Theni	Coimbatore	Pondicherry	Tirupur	Dindigul	Salem	Tuticorin	Udumalpet	CbeCC	Chennai	Tirupati	Kovilpatti
Hospital Out-Patient Visits															
Paying (New & Review)	258,899	61,771	30,609	9,025	35,898	29,615	4,904	8,477	12,389	5,759	4,500	4,196	34,233	14,931	2,592
Free:Direct walk-in (New & Review)	100,567	27,465	8,453	2,911	11,245	13,290	1,188	-	4,979	1,667	2,207	-	11,930	14,221	1,011
Outreach Out Pa	tient														
Comprehensive Eye Camps	34,482	7,992	3,837	999	7,178	6,800	311	-	1,853	303	260	-	3,414	1,535	-
Diabetic Retinopathy Camps	1,931	929	-	154	693	155	-	-	-	-	-	-	-	-	-
Refraction Camp	4,485	238	931	973	1,499	119	-	-	317	-	-	-	408	-	-
Mobile Refraction Unit	1,675	-	-	-	968	-		-	707	-	-	-	-	-	-
School Screening	290	-	-	-	-	-	-	-	-	-	-	-	-	290	-
RoP Screening	1,938	321	421	203	767	40	-	_	_	-	-	-	172	14	-
Vision Centres	68,051	24,175	14,019	5,731	3,584	13,573	1,296	-	2,377	-	1,937	-	1,359	-	-
Community / City Centres	16,657	9,177	2,291	2,520	-	2,669	-	-	-	-	-	-	-	-	-
Total OP Examinations	489,199	132,068	60,790	22,287	61,832	66,261	7,699	8,477	22,622	7,729	8,904	4,196	51,516	31,215	3,603
Total number of camps	154	27	25	6	31	24	1	-	8	3	3	-	16	10	-
Surgeries															
Cataract	45,361	11,810	4,398	1,161	7,118	6,315	708	787	2,560	673	846	269	4,784	3,633	299
*Other Surgeries	21,915	6,433	2,570	416	4,109	2,785	149	139	735	95	85	56	3,005	1,297	41
Total Surgeries	67,276	18,243	6,968	1,577	11,227	9,100	857	926	3,295	768	931	325	7,789	4,930	340

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<sup>\*</sup>Other surgeries include major surgeries, minor surgeries, intra-vitreal & other injections and laser procedures.