Editorial

Aravind’s unique service delivery model continues to inspire others and is very often recognized by forums across the world. The organization was recently honoured with the Geneva Forum for Health Award hosted during the Forum for Health in Switzerland. The Award recognises advances and contributions in health systems that have improved or have the potential to fundamentally improve the health of people around the world.

Chairman Emeritus, Dr. P. Namperumalsamy was honoured at a special function co-organized by Aditya Jyot Institute of Vision Science, Retina Eye Care Hospital Pvt. Ltd., and Retina Foundation. The event was planned as a tribute to Dr. S. S. Badrinath, Dr. P. Namperumalsamy and Dr. Pran Nagpal - three vitreoretinal legends on the occasion of them completing 75 years of their life teaching and training new retinologists in the subcontinent.

To celebrate and commemorate the birth centenary of Pujya Gurudev Swami Chinmayananda, Chinmaya Mission organized Chinmaya Jyoti Yatra. The bus carrying rare pictures and life history of Swamiji visited Aravind in May. Staff was given an opportunity to pay tribute to this noble soul.

News about these and many more feature in this issue.

Aravind News Team

AWARDS AND ACCOLADES

Geneva Forum for Health Award for Aravind Eye Care System

Geneva, Switzerland, May 19

Aravind Eye Care System was presented with Geneva Forum for Health Award by the Health Practice of McKinsey and Company during the World Health Assembly. The award recognises organization’s innovations in healthcare delivery providing high quality low cost eye care to millions across India. Dr. R.D. Ravindran, Chairman received the award on behalf of Aravind.

NEWS AND EVENTS

DR Awareness Camp

Madurai, May 17
Retina Services at Aravind – Madurai organized a Diabetic Retinopathy (DR) awareness camp at Pallivasal Higher Secondary School, Muthukalathoor, Ramnad. The camp saw an outpatient turnout of 160. Seventy people were found to have diabetes and of these, six were newly identified with DR.

**Workshop on Instruments Maintenance**
Aravind – Salem, May 27 - 30

Aravind – Salem hosted the 4th Workshop on Instruments maintenance with support and guidance from the senior team including Mr. Jeyachandran, Ms Ganga and Ms. Kasthuri. A total of 16 participants from 10 different hospitals in and around Salem district participated. The team also serviced more than 50 ophthalmic equipment and instruments brought by the participants to the workshop.

**Magic Show**
Aravind – Tirunelveli, May 28

Various entertainment programmes are often being organized as part of employee welfare activity. These provide the much-needed relaxation to the staff amidst their hectic work schedule.

A special magic show led by Mr D Sulaiman, well-known magician was conducted. Staff members attended the show and it was truly entertaining.

**Chinmaya Jyoti Yatra Visits Aravind**
Aravind – Madurai, May 30

To celebrate the birth centenary of Swami Chinmayananda, Chinmaya Jyoti Yatra, a mobile exhibition having Gurudev’s life and teachings visited Aravind - Madurai on May 30. Titled Chinmaya Sandesh Vahini, this 9m long bus contained inspiring interiors with posters and rare pictures from the saint’s life. Staff got an opportunity to visit this mobile exhibition and got to know more about the Swamiji.

**CONFERENCES ATTENDED ELSEWHERE**

**Annual Conference of the US-ARVO Meeting 2015**
Denver, Colorado, USA, May 3 - 7
Dr. P. Sundaresan
- Establishment of retinal mitoscriptome gene expression signature for diabetic retinopathy using human cadaver eye
Dr. M. Vidyarani
- Pseudomonas aeruginosa induced autophagy in human corneal epithelial cells
Dr. D. Bharanidharan
- Human corneal microRNA expression profile in fungal keratitis
Dr. A. Vanniarajan
- A new sequential screening strategy for rapid diagnosis of retinoblastoma
Ms. K. Jhansirani
- miR-203 inhibits ?Np63a dependent clonogenicity in corneal epithelial stem cells (C ESCs)
Ms. Roopam Duvesh
- Cytokines and chemokines profile in aqueous humor of PACG eyes

At the ARVO meeting, Dr. P. Sundaresan participated exclusively in the Asian Eye Genetics Consortium and Global Eye Genetics Research group meeting.

11th Annual Conference of VISION 2020
Moradabad, Uttar Pradesh, June 6 - 7
R.D. Thulasiraj
- Setting the context to the Leadership track
- Role of leadership in generating demand - introduction
Panel Discussion
- Vision centres and technology – the key to universal coverage
As Chairperson for the sessions:
- Measuring and Monitoring Quality Indicators continual improvement
- Quality Tools
- RCA (Root Cause Analysis) and CAPA (Corrective Action Preventive Action)
- Lean sigma methodology for continuous quality improvement
- Devil is in the details clinical audit
- Vision centres and technology – the key to universal coverage
Dr. R.D. Ravindran,
- Leadership perspective - ensuring quality of service delivery
- Outreach Initiative to promote community eye donation
As Chairperson for the sessions
- Infection control principles and practices
- Investigating an endophthalmitis
- Cluster endophthalmitis and its repurcussions
Moderator
- Efficiency V/s best practices: Dilemma of creating a perfect balance
Panelists:
- Accreditation: Issues, challenges and solutions
- Measuring cataract outcome
Dhivya Ravilla
- Impact of ACT model of School children screening
- Meeting the patient expectations: Measuring and monitoring patient satisfaction
R. Meenakshi Sundaram
- Aravind model of vision center

Dr. P. Namperumalsamy Honoured at Celebrate Retina Celebrate Life
Mumbai, May 16
Dr. P. Namperumalsamy was honoured by the Indian World of Retinologists at a special function organized to felicitate him on reaching the 75 years of his dedicated life in teaching and training new generations of Retinologist in this subcontinent. Titled Celebrate Retina Celebrate Life, the programme also honoured Dr Badrinath, and Dr Pran Nagpal along with Dr Namperumalsamy.
Canada India Healthcare Summit 2015
Ontario, Toronto, Canada, May 19 - 20
Dr. P. Namperumalsamy was the invited speaker at the Summit organized by Canada India Foundation.

Annual Conference of the World Association of Eye Hospitals (WAEH)
Singapore, May 22
Dr. Kim
- EMR Design considerations - Aravind's approach
Dr. Usha Kim
- How to improve patient safety?
- Strengthening tertiary care services through primary eye care
Dr. Meenakshi
- Ophthalmic care for community and role of ophthalmic technicians – Aravind’s experience in PEC
Ganesh Babu
- EMR rollout – Patient and staff dynamics

Singapore National Eye Centre: OPRS Symposium
Singapore, May 23
Dr. Usha Kim
- Optic nerve sheath fenestration: Different surgical approaches

LAICO HAPPENINGS

Vision Building and Strategic Planning Workshop
LAICO, May 23- 30
Three hospitals from India and Sri Lanka attended the workshop. Altogether there were 14 participants. Apart from the detailed classroom sessions, they were taken on a trip to Aravind - Theni, an outreach camp and a vision centre.

ARAVIND MEDICAL RESEARCH FOUNDATION

Visit to University of California, San Francisco
San Francisco, May 2 - 3

Dr. P. Sundaresan visited University of California, San Francisco after ARVO 2015 meeting and met one of his collaborators Dr. Sai Nair at the Department of Ophthalmology, UCSF, School of Medicine and discussed to develop animal models for some of the eye diseases.

TRAINING PROGRAMMES

| Training Programmes Enrollments for June 2015 at Aravind Eye Care System |
|-----------------------------|-----------------|------------------|
| Course title                | Training Centre | Enrollments for June 2015 |
| Residency Programmes        |                 |                  |
| Diploma in Ophthalmology    | Madurai         | 8                |
| Master of Surgery in Ophthalmology | Madurai | 9                |
| Long Term Fellowship Programmes - For Ophthalmologists |         |                  |
| Fellowship in Paediatric Ophthalmology & Strabismus | Madurai | 1                |
|                              | Coimbatore      | 1                |
| Fellowship in Anterior Segment / Intraocular Lens Surgery | Madurai | 1                |
| Short Term Courses - For Ophthalmologists |                 |                  |
| Diagnosis and Management of Glaucoma | Coimbatore | 1                |
| Phacoemulsification         | Madurai         | 2                |
|                              | Pondicherry     | 1                |
| Small Incision Cataract Surgery | Madurai | 1                |
|                              | Tirunelveli     | 1                |
|                              | Coimbatore      | 1                |
| Lasers in Diabetic Retinopathy | Madurai | 1                |
|                              | Coimbatore      | 2                |
| ECCE - IOL Microsurgery     | Coimbatore      | 1                |
| Management of Retinopathy of Prematurity and Paediatric Retinal Disorders | Coimbatore | 1 |
| Short Term Courses - For Paramedics |                 |                  |
| Short Term Course in OT Techniques | Madurai | 1                |
| Management Courses - Non Clinical Courses |                 |                  |
| Medical Records Management  | Madurai         | 2                |
| Community Outreach and Social Marketing of Eye Care Services | Pondicherry | 5                |
| Instrument Maintenance Course - Non Clinical Courses |                 |                  |
| Instrument Maintenance for Technicians | Madurai | 5                |

PUBLICATIONS
• Palanisamy M, Venkatapathy N, Rajendran V, Shobana CS.  
  - *Keratomycosis caused by Graphium eumorphum (Graphium state of scedosporium apiospermum)*.  

• Thirumalairaj K, Abraham A, Baranidharan D, Gaikwad N, Usha Kim, Muthukkaruppan V, Vanniajaran A.  
  - *A stepwise strategy for rapid and cost-effective RB1 screening in Indian retinoblastoma patients*  
  J Human Genet. 2015 June 18. [Epub] Article View

• Shah PK, Narendran V, Kalpana N.  
  - *Safety and efficacy of simultaneous bilateral 25-gauge lens-sparing vitrectomy for vascularly active stage 4 retinopathy of prematurity.*  
  Eye (Lond). 2015 May 22. [Epup] Article View

• Sengupta S, Dhanapal P, Nath M, Haripriya A, Venkatesh R.  
  - *Goat's eye integrated with a human cataractous lens: A training model for phacoemulsification.*  
  Indian J Ophthalmol. 2015 Mar;63(3):275-7 Article View

• Ganesh-Babu BS, Hariharan L, Thulasiraj RD, Ravindran RD, Kempen JH.  
  - Demand for tertiary eye care services in developing countries  

AUROLAB NEWS

Guest Lecture

Aurolab, May 9

Aurolab arranged a guest lecture about Chithirai Thiruvizha. Dr.Chandra, Professor, Meenakshi College narrated about Chithirai Thiruvizha, its importance and why the festival was conducted in Madurai. The participants felt the session was very useful.

MONTHLY PATIENT STATISTICS

May - 2015

<table>
<thead>
<tr>
<th>Hospitals</th>
<th>Madurai</th>
<th>Theni</th>
<th>Tirunelveli</th>
<th>Coimbatore</th>
<th>Pondicherry</th>
<th>Dindigul</th>
<th>Tirupur</th>
<th>Salem</th>
<th>Udumalpet</th>
<th>Tuticorin</th>
<th>Total</th>
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<tbody>
<tr>
<td>Hospital Out-Patient Visits</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Paying (New &amp; Review)</td>
<td>57,713</td>
<td>7,643</td>
<td>27,655</td>
<td>34,336</td>
<td>27,548</td>
<td>5,723</td>
<td>3,768</td>
<td>10,164</td>
<td>2,576</td>
<td>4,887</td>
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<tr>
<td>Free (Direct walk-in)</td>
<td>15,345</td>
<td>1,771</td>
<td>6,343</td>
<td>10,482</td>
<td>8,364</td>
<td>9</td>
<td>615</td>
<td>383</td>
<td>952</td>
<td>673</td>
<td>44,937</td>
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Outreach Out Patients

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<tr>
<th>Regular Eye Camps</th>
<th>Diabetic Retinopathy camps</th>
<th>Refraction Camps</th>
<th>Mobile Refraction Unit</th>
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<tr>
<td>7,306</td>
<td>1,297</td>
<td>435</td>
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<tr>
<td>1,227</td>
<td>48</td>
<td>247</td>
<td>201</td>
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<td>3,947</td>
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<td>383</td>
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<tr>
<td>5,838</td>
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<td>7,724</td>
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<td>-</td>
<td>505</td>
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### School Screening camps

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<th></th>
<th>8/10/2019</th>
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<tr>
<td>School Screening camps</td>
<td>-</td>
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### Paediatric Camps

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<tr>
<th>Vision Centres</th>
<th>13,032</th>
<th>4,299</th>
<th>7,100</th>
<th>2,536</th>
<th>3,327</th>
<th>-</th>
<th>764</th>
<th>-</th>
<th>801</th>
<th>-</th>
<th>31,859</th>
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<tbody>
<tr>
<td>Community Eye Clinics</td>
<td>3,682</td>
<td>1,596</td>
<td>2,507</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>7,785</td>
</tr>
</tbody>
</table>

**Total OP Examinations** 98,810 | 16,954 | 47,753 | 54,507 | 47,194 | 5,732 | 5,147 | 11,913 | 4,329 | 5,900 | 298,239

### SURGERIES

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<tr>
<td>Paying</td>
<td>3,502</td>
<td>392</td>
</tr>
<tr>
<td>Free (Direct)</td>
<td>3,653</td>
<td>235</td>
</tr>
<tr>
<td>Camp</td>
<td>2,232</td>
<td>156</td>
</tr>
</tbody>
</table>

**Total Surgeries** 9,387 | 783 | 3,719 | 5,443 | 4,870 | 321 | 304 | 818 | 300 | 363 | 26,308