This newsletter presents you various events at Aravind and active contribution of staff at different levels. On behalf of Aravind, Dr.R.D.Ravindran received the OPPI Healthcare Access Award 2016.

Kundrakudi Thiruvannamalai Mutt honoured - Chairman Emeritus Dr.P.Namperumalsamy, and Director - Emeritus Dr.G.Natchiar appreciating their dedicated and selfless service.

The ninth batch of Eyexcel was held at LAICO with thirty one participants. At the Vision centre awareness programme held at Kalaiyarkoil the importance of Eye donation and hazards of plastics usage was stressed upon. At the MLOP-Training of Trainers Programme held at LAICO, the focus was on introducing skill certification process at Aravind.

The newsletter also contains lot of interesting celebrations happened at Aravind. News about these and many more feature in this issue.

AWARDS AND ACCOLADES

Aravind Eye Hospital - Winner of OPPI Healthcare Access Award 2016

New Delhi, 19th August 2016

Aravind Eye Hospital was presented with the prestigious OPPI (Organisation of Pharmaceutical Producers of India) Healthcare Access Award 2016 along with a cash prize of Rupees Two Lakhs. The award recognises highest level of contributions of an individual/ institution in the field of access to healthcare, achieved through innovative ideas that address the unmet healthcare needs in India and leadership in patient safety and quality care. Dr.R.D.Ravindran, Chairman received the award on behalf of Aravind and shared the success story of Aravind Eye Hospital.

Titles Awarded at Kundrakudi Thiruvannamalai Mutt

Kundrakudi, 21, August 2016

Kundrakudi Thiruvannamalai Mutt, an age -old monastery of South India at Kundrakudi Hills (Mayura Giri) conducted its Maha Guru Puja. At this auspicious celebration Guruji Ponnambalam Adigal awarded the titles ‘Manithaneya Maruthuva..."
Maamani’ (Gem of Medical Humanism) to Chairman - Emeritus Dr.P.Namperumalsamy, and ‘Manithaneya Maruthuva Thilagam’ to Director - Emeritus Dr.G.Natchiar appreciating their selfless and enormous medical services.

NEWS AND EVENTS

Awareness Programme at Kalaiyarkoil Vision Centre
Kalaiyarkoil, 4th August 2016

Three hundred people participated in the rally held as part of eye donation awareness programme. The opportunity was also used to sensitise the public on the hazards of plastic use. The awareness message was delivered by Mr.Anbarasan, Aravind’s field worker and an active advocate of minimising plastic usage.

70th Independence Day Celebrations
Madurai, Tirunelveli & Tuticorin.

On 15th August 2016, Aravind Eye Hospitals across the centres celebrated the 70th Independence Day with full vigour. The programme began with flag hoisting by the chief guest followed by a motivational speech. The staff happily participated in the celebration.

MLOP –Training of Trainers (TOT) Workshop
LAICO, 17th & 18th August 2016
MLOP TOT Workshop was organised as part of the on-going effort to strengthen the MLOP training Programme. The focus of this workshop was to introduce the skill certification process at Aravind. This implies that skills have to be imparted in a standardized way across all Aravind Eye Hospitals. Towards the end, tutors, HR managers and nursing superintendents from all the hospitals came together and planned the new venture.

**Aravind Eye Hospital - Navatha Celebration**

Aravind - Madurai 17th August, 2016

Navatha, a breath of fresh spring’ is what they called their programme as, aptly named for a fun filled evening hosted by the newly joined first year post graduates. The event was graced by the presence of the senior management team of Aravind. Skit performance by all the freshers was a laughter riot. The programme ended well with a poetic vote of gratitude. It was just the beginning of fabulous times ahead.

**31st Hospital day**

Aravind - Theni 27th August 2016

Aravind Eye Hospital - Theni celebrated its 31st annual day. Dr.Dipankar Datta welcomed the guests and participants. Dr.P.Namperumalsamy, Chairman Emeritus presided over the function. Service awards were distributed the staff
members. Cultural programmes added colour to the whole event.

**Sight First Seminar**
Aravind Pondicherry - 28th August 2016

SIGHT FIRST seminar for the office bearers of Lions District 324 A3 was conducted in Aravind - Pondicherry. Nearly 400 Lions members took part in the meeting from the three districts, Cuddalore, Villupuram and Pondicherry. District Governor Lion Mr. Madava Radjou inaugurated the Seminar. Past International Director, Lion. K.G. Krishnamurthy was the Chief Guest. Mementos were given to all those who made a mark in their walk of life. PMJF Lion Mr. Madhava Radjou proposed a vote of thanks.

**MLOP Freshers Day**
Aravind – Coimbatore 31st August, 2016

Dr. Kalpana Narendran was the chief guest for the function. Cultural programmes like dance, poetry mimicry, singing and drama were organised. MLOPs shared their experience and highlighted how Aravind has helped them change certain personal habits. All the MLOPs took oath to fine tune themselves during this two years of training to contribute to achieve the goal of eliminating needless blindness.

**Supervisors’ orientation**
Aravind – Madurai 26, 27th August, 2016

Orientation programme was arranged for the senior nurses - Sr.Nayagam, Sr.Kaleeswari and Sr.Kalaimani - who were promoted as Supervisors. As part of orientation they were updated on the activities of each clinical department and future initiatives at Aravind. The importance and the need for supervisors and tutors were explained.
Celebrating the Birth of Lord Krishna

Aravind – Madurai, 5th August, 2016

Tiny tots of Janakiamma Child Care Centre observed Janmashtami, the day on which Lord Krishna was born according to the scriptures. Special prayer was performed. Donned as Krishna and his consort Radha, the kids visiting the staff members was a spectacular sight.

CONFERENCES ATTENDED ELSEWHERE

Telugana Ophthalmic Conference
Hyderabad 5-7th, August 2016

Poster presentation
Dr.Srisha Polkampally, Dr.Usha Kim
- A rare case of Isolated bilateral optic nerve sheath meningioma

Dr.Vishal.M.Y
- Surgical Outcome of Retinal Detachments Associated with Familial Exudative Vitreoretinopathy
- Correlations between S.D Oct Measurements and Visual Acuity in Patients with Retinitis Pigmentosa with and without CME

Annual Conference of the Tamil Nadu Ophthalmic Association (TNOA)
Vellore on 5 -7th, August 2016

Dr.Usha Kim
- Primary Eye Care workers in screening for Visual Impairment
- Complications of lid surgeries
- Management of orbital tumors

Dr. B. Manohar Babu
- Ocular Toxoplasmosis

Dr.R.Venkatesh
• Ophthalmology Premier League – Coimbatore Choppers
• Selected Videos (Capt Subramanian Video Session)
  o Low cost high definition surgical video recording system using JAM – Chairperson
• Glaucoma symposium - Beyond tubes & Trabs
  o Canaloplasty and CO2 assisted sclerectomy
• Stepping towards success of standard Trabeculectomy
  o Managing a failing filter
• Management of Trabeculectomy complications
  o Managing a failing filter

Dr.K.Tiruvengadakrishnan
• Cornea Symposium : Conjunctivitis & Keratitis
  o Conjunctivitis
Dr. S. Kavitha
- Stepping towards success of standard Trabeculectomy
  o Preoperative, perioperative and postoperative tips

Dr. K. Veena
- How to get the best from your strabismus surgery
  o Managing the extremes: Small and large angle

Dr. Manoranjan Das
- Therapeutic lamellar keratoplasty (Instruction course)

Dr. Gaikwad Ganesh
- Structural and functional integrity of corneal endothelium after storage in cornisol, an indigenous intermediate term corneal storage medium (e-poster).

Dr. Shah Hem Shamjibhai
- Comparative analysis of miRNA expression in Infectious Vs Noninfectious Corneal inflammation (Free paper)
  What drives a corneal ulcer patient to TPK? - A hospital based study (Free paper)

Dr. Hitha Sara Sajeev
- Study of release kinetics of cefazolin sodium from drug embedded Human Amniotic Membrane (HAM). – Free paper

Dr. Lakshey Dudeja
- Study of diagnostic modalities and clinical outcomes in Acanthamoeba keratitis (Poster)
  - Keratitis caused by unidentified filamentous fungi. (Poster)

Dr. Rohan Agashe
- Analysis of incidence and clinical profile of patients with Microsporidial Keratoconjunctivitis (Free paper)

Dr. Divya
- Incidence and microbiological profile of patients with contact lens induced keratitis (Free paper)
  - Chief Instructor- Mastering Phacoemulsification basics (Instruction course)
  - Impression Cytology in Ocular Surface Disorders (e-poster)

Dr. Haripriya
- TASS Vs Endophthalmitis - Diagnosis and management

IIM, Bangalore
Bangalore, 07 August 2016

Dr. P. Namperumalsamy
- Inspiring Innovations / Expanding Horizons

Asia Pacific Course on Oculoplastic Surgery
Chennai, August 20 - 21, 2016

Dr. Usha Kim
- Ptosis, Blepharoplasty
  - Upper eyelid assessment & Management

Bharatpur Eye Hospital Cornea Symposium
Bharatpur, 13, August, 2016

Dr. M. Srinivasan
9th International Symposium on Uveitis (IUSG)
Trinity College Dublin, Ireland 18th to 21st August, 2016

Infectious Uveitis
Dr. Rathinam
- Trematode Uveitis

Dr. Manohar Babu
- Rickettsial Uveitis

LAICO HAPPENINGS

Expanding Global Eye Care Workforce through Excellence in Training (EYEXCEL)
LAICO 02-05, August 2016

The ninth batch of Eyexcel was held at LAICO with thirty one participants from eleven hospitals. Dr. Asim Sil and Dr. Madhu Uddaraju were invited as special speakers. This course mainly focused on the training needs of mid-level ophthalmic personnel.

Advisory Committee Meeting
Sitapur, 20th, August 2016

The Advisory Committee meeting was held at Sitapur Eye Hospital. The consistent with the invitation, Mr.R.D.Thulasiraj, Executive Director, LAICO - Advisory Board Member of Sitapur Eye Hospital had gone to this first advisory committee meeting of our mentee hospital accompanied by Mr.Suresh, Senior Faculty, LAICO. The meeting had the discussion on how to move forward with the hospital development activities.

Residential Training Programme
Guntur, August 22-24

Ms. Sashi, Senior Faculty, LAICO participated in the three day residential training programme titled Health Care in India - Strategic Perspectives sponsored by the Department of Personnel and Training, Govt. of India at Bapta, Guntur District, Andhra Pradesh.

Ms. K.M. Sashipriya Takes Part in COESCA Congress
Arusha, Tanzania, August 25-26
Ms. K.M. Sashipriya shared Aravind’s experiences related to Hilton Cataract Initiative in Sub Saharan Africa at 4th COESCA (The College of Ophthalmology of Eastern, Central and Southern Africa) Scientific Congress. Conclusion of the trip, she was at Moshi to meet with the KCCO (Kilimanjaro Centre for Community Ophthalmology) team to discuss and learn from KCCO’s experience working with eye hospitals in Africa.

Visit to City Eye Hospital
Nairobi, Kenya, June 25-July 26

As part of Hilton Cataract Initiative, Seran.I, Manager – Patientcare visited City Eye Hospital in Nairobi, Kenya. He helped develop systems to increase the volume and quality of services provided both in the hospital and outreach camps. Aravind team consisting of Dr.K. Thiruvanokkairan (Aravind – Pondicherry), Mr.Suresh Kumar (LAICO), Mr.Karthikeyan (IT & Systems) and Mr. Rajkumar and Mr. Poornachandran (Instruments Maintenance team) also visited the hospital to provide onsite support.

TRAINING PROGRAMMES

<table>
<thead>
<tr>
<th>Course title</th>
<th>Training Centre</th>
<th>Enrolments for August 2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Long Term Fellowship Programmes - For Ophthalmologists</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comprehensive Ophthalmology</td>
<td>Salem</td>
<td>1</td>
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<tr>
<td>General Ophthalmology</td>
<td>Coimbatore</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Madurai</td>
<td>2</td>
</tr>
<tr>
<td>Section</td>
<td>Location</td>
<td>Count</td>
</tr>
<tr>
<td>--------------------------------------------------</td>
<td>------------</td>
<td>-------</td>
</tr>
<tr>
<td>Cornea</td>
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<td>1</td>
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<tr>
<td>Glaucoma</td>
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<td>2</td>
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<tr>
<td></td>
<td>Tirunelveli</td>
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</tr>
<tr>
<td>Retina &amp; Vitreous</td>
<td>Pondicherry</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Coimbatore</td>
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</tr>
<tr>
<td>Orbit &amp; Oculoplasty</td>
<td>Coimbatore</td>
<td>1</td>
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<tr>
<td>Paediatric Ophthalmology &amp; Strabismus</td>
<td>Coimbatore</td>
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<tr>
<td></td>
<td>Tirunelveli</td>
<td>1</td>
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<tr>
<td>Short Term Courses - For Ophthalmologists</td>
<td>Madurai</td>
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<tr>
<td></td>
<td>Tirunelveli</td>
<td>2</td>
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<tr>
<td></td>
<td>Coimbatore</td>
<td>1</td>
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<tr>
<td>Clinical Observership Program In Diagnosis and Management Of Glaucoma</td>
<td>Coimbatore</td>
<td>3</td>
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<tr>
<td></td>
<td>Madurai</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Pondicherry</td>
<td>1</td>
</tr>
<tr>
<td>Lasers in Diabetic Retinopathy</td>
<td>Coimbatore</td>
<td>3</td>
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<tr>
<td></td>
<td>Madurai</td>
<td>2</td>
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<tr>
<td></td>
<td>Pondicherry</td>
<td>1</td>
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<tr>
<td>Phacoemulsification</td>
<td>Pondicherry</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Madurai</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Tirunelveli</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Coimbatore</td>
<td>1</td>
</tr>
<tr>
<td>Management of ROP abd retinal disorders</td>
<td>Coimbatore</td>
<td>1</td>
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<tr>
<td></td>
<td>Madurai</td>
<td>2</td>
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<tr>
<td></td>
<td>Coimbatore</td>
<td>3</td>
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<tr>
<td></td>
<td>Tirunelveli</td>
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<tr>
<td></td>
<td>Pondicherry</td>
<td>1</td>
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<tr>
<td>Small Incision Cataract Surgery</td>
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<tr>
<td></td>
<td>Coimbatore</td>
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<tr>
<td></td>
<td>Tirunelveli</td>
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<tr>
<td></td>
<td>Pondicherry</td>
<td>1</td>
</tr>
<tr>
<td>Short Term Courses - For Paramedicals</td>
<td>Madurai</td>
<td>4</td>
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<tr>
<td>Refraction Techniques</td>
<td></td>
<td></td>
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<tr>
<td>Management Courses - Non Clinical</td>
<td></td>
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<tr>
<td>Eyexcel – Expanding Global Eye Care Workforce through Excellence in Training</td>
<td>LAICO</td>
<td>31</td>
</tr>
<tr>
<td>Management Training and Systems Development for Hospital Administrators / Managers</td>
<td>LAICO</td>
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<tr>
<td>Instrument Maintenance Courses - Non Clinical</td>
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<td>Instrument Maintenance for Technicians</td>
<td>LAICO</td>
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**PUBLICATIONS**

  [Article View](#)

- Priyanka Singh, Vijayalakshmi P, Shashikant Shetty, Priyanka Vora, Suresh Kalwaniya. **Double Augmented Vertical Rectus Transposition for Large-Angle Esotropia Due to Sixth Nerve Palsy.** J Pediatric Ophthalmol Strabismus.[Epub]  
  [Article View](#)

  [Article View](#)

**AUROLAB NEWS**

**70th Independence Day Celebration**

Aurolab 15th August, 2016

Aurolab celebrated the 70th Independence Day with full vigour. Aurolab Managing Director Dr.P.Balakrishnan graced the occasion. The program started with flag hoisting. Patriotic songs were sung.

**Gokulashtami Celebration**

Aurolab 26th August, 2016

Aurolab celebrated Gokulashtami festival with great zeal. The celebration started with special bhajan performed by Mrs.Kosaladevi (Music Teacher). Aurolab production staff members, Aravind MLOP’s and children of Aurolab staff performed three different dances.

**Motivation Session for Managers and Line Managers**

Aurolab – Madurai 30th August, 2016

Dr.Velumani- Chairman- Thyro Care Technologies Pvt Ltd, Navi Mumbai gave an interesting and inspiring lecture to the staff members consisting of managers and line managers.

**MONTHLY PATIENT STATISTICS**
### HOSPITAL OUT-PATIENT VISITS

<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>RS Puram</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paying (New &amp; Review)</td>
<td>59,667</td>
<td>7,954</td>
<td>30,719</td>
<td>37,836</td>
<td>29,773</td>
<td>6,947</td>
<td>4,683</td>
<td>12,274</td>
<td>3,314</td>
<td>5,446</td>
<td>2,895</td>
<td>2,01,508</td>
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<td>Free:Direct walk-in (New &amp; Review)</td>
<td>17,284</td>
<td>1,729</td>
<td>7,479</td>
<td>10,124</td>
<td>11</td>
<td>752</td>
<td>806</td>
<td>1,099</td>
<td>761</td>
<td>NA</td>
<td>50,735</td>
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### OUTREACH OUT PATIENTS

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<thead>
<tr>
<th></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>RS Puram</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comprehensive Eye Camps</td>
<td>10,717</td>
<td>1,265</td>
<td>4,550</td>
<td>7,078</td>
<td>12,052</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>37,082</td>
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<tr>
<td>Diabetic Retinopathy camps</td>
<td>753</td>
<td>NA</td>
<td>286</td>
<td>1,994</td>
<td>409</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>3,442</td>
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<td>Refraction Camps</td>
<td>911</td>
<td>290</td>
<td>1,014</td>
<td>1,790</td>
<td>982</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>4,987</td>
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<td>Mobile Refraction Unit</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>45</td>
<td>NA</td>
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<tr>
<td>School Screening camps</td>
<td>326</td>
<td>357</td>
<td>866</td>
<td>520</td>
<td>17,644</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>20,713</td>
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<tr>
<td>Paediatric Camps</td>
<td>NA</td>
<td>214</td>
<td>821</td>
<td>NA</td>
<td>514</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
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<tr>
<td>Vision Centres</td>
<td>20,135</td>
<td>5,503</td>
<td>10,650</td>
<td>3,850</td>
<td>5,605</td>
<td>NA</td>
<td>974</td>
<td>NA</td>
<td>1273</td>
<td>NA</td>
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<tr>
<td>Community Centres</td>
<td>4,590</td>
<td>2,077</td>
<td>3,029</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>9,696</td>
<td></td>
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<tr>
<td><strong>Total OP Examinations</strong></td>
<td><strong>1,14,383</strong></td>
<td><strong>19,389</strong></td>
<td><strong>59,414</strong></td>
<td><strong>63,758</strong></td>
<td><strong>77,103</strong></td>
<td><strong>6,958</strong></td>
<td><strong>6,409</strong></td>
<td><strong>15,241</strong></td>
<td><strong>5,686</strong></td>
<td><strong>6,511</strong></td>
<td><strong>3,74,852</strong></td>
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</table>

### SURGERIES

**Service Proportion of Cataract Surgeries**

<table>
<thead>
<tr>
<th></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>RS Puram</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paying</td>
<td>3,572</td>
<td>389</td>
<td>1,276</td>
<td>1,627</td>
<td>1,556</td>
<td>282</td>
<td>129</td>
<td>597</td>
<td>130</td>
<td>152</td>
<td>74</td>
<td>9,784</td>
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<tr>
<td>Free (Direct)</td>
<td>3,198</td>
<td>253</td>
<td>896</td>
<td>1,234</td>
<td>1,091</td>
<td>82</td>
<td>113</td>
<td>145</td>
<td>194</td>
<td>65</td>
<td>NA</td>
<td>7,271</td>
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<tr>
<td>Camp</td>
<td>4,177</td>
<td>342</td>
<td>1,344</td>
<td>2,251</td>
<td>2,721</td>
<td>NA</td>
<td>87</td>
<td>348</td>
<td>6</td>
<td>88</td>
<td>NA</td>
<td>11,364</td>
</tr>
<tr>
<td><strong>Total Cataract Surgeries</strong></td>
<td><strong>10,947</strong></td>
<td><strong>984</strong></td>
<td><strong>3,516</strong></td>
<td><strong>5,112</strong></td>
<td><strong>5,368</strong></td>
<td><strong>364</strong></td>
<td><strong>329</strong></td>
<td><strong>1,090</strong></td>
<td><strong>330</strong></td>
<td><strong>305</strong></td>
<td><strong>28,345</strong></td>
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</table>

**Note**: NA - Not Applicable