The Operation Eyesight Universal Institute for Eye Cancer

June 2016
AIM

Achieve life salvage: So that all may live
Achieve eye salvage: So that all may keep their eyes
Achieve vision salvage: So that all may see
Dear friends,

Our hands are one of the most powerful tools of expression - they become the eyes for the blind, the mouthpiece for the mute, a mode of communication for the deaf, and also for many of us in times of need.

Just like fingerprints, handprints are also unique for every human being. Our little children with retinoblastoma set out to perform a unique and noble task of spreading a strong message of hope and survival by beautifully showcasing their handprints. They helped us create the “WALL OF HOPE” on the third floor of Velamati Soubhagyavathamma Patient Care Building of L V Prasad Eye Institute, Hyderabad with the message “We have survived Cancer”. This message has been created with a collage of pictures of hundreds of children who received treatment at “The Operation Eyesight Universal Institute for Eye Cancer” at LVPEI. The colorful handprints of our little children who have survived cancer adorn this wall of hope.

This “Wall of Hope” is a CELEBRATION for those who have survived retinoblastoma, an INSPIRATION for those tiny little ones who are undergoing treatment for retinoblastoma, a modality of SUPPORT for those families who undergo hardships during the course of treatment of their children, and a strong and meaningful OUTREACH to the community. National Cancer Survivors Day is celebrated in June, and what better way to celebrate the 29th annual National Cancer Survivors Day, than to raise awareness about cancer survivorship, specifically retinoblastoma, which is the most common intraocular cancer in children.

We are now geared up to spread knowledge about eye cancer and look forward to the first-ever exclusive meeting “EYECAN 2016” this 9th July at LVPEI.

Team
The Operation Eyesight Universal Institute for Eye Cancer
Wall of Hope in the Making
WALL OF HOPE

WE HAVE SURVIVED CANCER
### Clinic Visits and Surgical Procedures for Patients Across the Network

<table>
<thead>
<tr>
<th>New Cases</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patients diagnosed with eye tumors</td>
<td>167</td>
</tr>
<tr>
<td>Eye tumor related surgeries</td>
<td>114</td>
</tr>
<tr>
<td>Examination under anesthesia</td>
<td>84</td>
</tr>
<tr>
<td>Children received chemotherapy</td>
<td>79</td>
</tr>
<tr>
<td>Ocular prosthesis dispensed</td>
<td>10</td>
</tr>
<tr>
<td>Tumor related pathology specimens studied</td>
<td>145</td>
</tr>
</tbody>
</table>

**Total Cases - 167**

**Follow-up**
- 45

**New Cases**
- 122
Patient Profile Details

- **Non-Paying:** 66
- **Paying:** 101

- **Female:** 80
- **Male:** 87

- **Below 16:** 80
- **Above 16:** 87
The challenging case of little Tirupati

When little Tirupati Behera, 6, hailing from Srikakulam, Andhra Pradesh, complained about vision loss and pain, his parents rushed to LVPEI Bhubaneswar Campus, Odisha. He was seen by Dr Devjyoti Tripathy and the detailed examinations revealed the presence of an advanced stage of retinoblastoma in his right eye. If not treated appropriately the tumor could have been lethal to his life. His parents were devastated to know that to save his life, it was necessary to remove his affected eye. Convinced that their son was in safe hands and would receive the best care, they agreed to go ahead with the treatment.

After removal of his right eye, the pathological examinations revealed the presence of high risk factors and so Tirupati was put on adjuvant chemotherapy. But further complications resulted in implant extrusion for which a secondary implant was performed. A customized ocular prosthesis was then made by Ocularist Ms Arunima. His parents, specially his mother who has showed utmost patience throughout the treatment despite the complications and their limited resources and understanding about retinoblastoma, are today extremely happy and satisfied with the treatment they have received and the final cosmetic outcome. “Tirupati is happily going to school now and is also his teacher’s favorite,” says the delighted mother.
Satya overcomes the lethal tumor

After suffering for three months from severe pain, redness and watering, S Satya Sai Teja along with his parents came to LVPEI GMRV Campus, Visakhapatnam in search of finding some solace from the unbearable pain. The 20-year-old engineering student from Rajmundry had lost vision in his right eye following trauma at the age of 6. Investigations confirmed the presence of a malignant tumor which was protruding out and causing pain. On the pathological evaluation of the enucleated eye, he was diagnosed to have a rare intraocular tumor- medulloepithelioma and was put on radiation therapy to further curb the growth of the fast spreading tumor. After receiving the intense treatment, Satya today has been declared cancer free and the ocularist is in the process of preparing the right fitting prosthetic eye for him. When Satya had come to the institute for the first time, he was completely dejected and unsure about his future. But now after overcoming the battle over the lethal tumor, his confidence has increased multifold and he is motivated to work hard and succeed in life. He is thankful to The Operation Eyesight Universal Institute for Eye Cancer at LVPEI for giving him a new lease of life and promises to regularly come for all his follow-ups.
Honour
Dr Swathi Kaliki on the BMC Editorial Board:
Dr Swathi Kaliki is now the Associate Editor for the ‘Oncology’ section of Oculoplastics and Trauma - *BMC Ophthalmology*.

Publications


Presentations
Swathi Kaliki:
Invited faculty at Hyderabad Ophthalmologists’ Association meeting OASIS (Oculoplasty, Oncology and Aesthetics Integrated Symposium) on June 12th 2016
1. Ocular oncology - past present and future!
2. Proptosis - CT, MRI or USG? - always a dilemma
3. Video presentation on “Navigation-assisted excision of orbital tumor”

*The Operation Eyesight Universal Institute for Eye Cancer Team at OASIS*
Services Provided at The Operation Eyesight Universal Institute for Eye Cancer

Special Investigative Diagnostics
- A and B-scan ultrasonography
- Ultrasound biomicroscopy
- Digital fundus and slit-lamp camera
- Wide-angle fundus photography (RetCam)
- Digital fluorescein angiography, and Indocyanine green angiography
- Optical coherence tomography
- Computed tomography (CT), Magnetic resonance imaging (MRI), Positron emission tomography (PET-CT), Radionucleotide studies (in collaboration)
- Ophthalmic oncopathology with Rapid intraoperative diagnostic facility including frozen section
- Ophthalmic Genetics and Molecular Biology

Cutting-edge Treatment
- Integrated multi-speciality approach
- Integrated cancer surgery and cosmetic reconstruction
- Semiconductor diode laser
- Transpupillary thermotherapy
- Photodynamic therapy
- Frequency-doubled Nd:YAG laser photocoagulation
- Cryotherapy
- Bloodless radiofrequency-assisted surgery
- Navigation-guided orbital surgery
- External beam radiotherapy - IMRT, IGRT, Rapid Arc and Stereotactic Radiosurgery (in collaboration)
- Ruthenium 106 plaque brachytherapy
- Systemic chemotherapy for ophthalmic/intraocular tumors
- Intra vitreal chemotherapy
- Intra arterial chemotherapy (in collaboration)
- Neurosurgical, ENT and head and neck oncosurgical support
- Custom made ocular prosthesis

Education & Training

Cutting-edge Eye Cancer Research
Clinicians

Swathi Kaliki
Head, The Operation Eyesight Universal Institute for Eye Cancer
Consultant, Oncology services, Hyderabad

Anasua Ganguly
Consultant
Oculoplasty, Oncology, and Dacryology services, Vijayawada

Vishal R Raval
Consultant
Retina and intraocular tumors
Vijayawada

Samir Mohapatra
Consultant
Oculoplasty, Oncology, and Dacryology services, Vishakhapatnam

Devjyoti Tripathy
Consultant
Oculoplasty, Oncology, and Dacryology services, Bhubaneswar

Mohammad Javed Ali
Consultant
Oculoplasty, Oncology, and Dacryology services, Hyderabad

Milind N Naik
Head of the Oculoplasty Service
Consultant, Oculoplasty, Oncology, and Dacryology services, Hyderabad

Suryasnath Rath
Consultant
Oculoplasty, Oncology, and Dacryology services, Bhubaneswar

Tarjani Dave
Consultant
Oculoplasty, Oncology, and Dacryology services, Hyderabad

Pathologist

Ruchi Mittal
Consultant
Ophthalmic pathology laboratory, Bhubaneswar, Vishakhapatnam, Vijayawada
Basic Research Scientists

- Chitra Kannabiran
  Scientist, Kallam Anji Reddy Molecular Genetics Laboratory, Hyderabad

- Indumati Mariappan
  Research Scientist, Sudhakar & Sreekant Ravi Stem Cell Biology Laboratory, Hyderabad

- Mamatha Reddy
  Research Scientist, Bhubaneswar

Genetic Counsellors

- Annie Hassan
  Consultant genetic counsellor, Hyderabad

- Akhilesh Pujar
  Consultant genetic counsellor, Hyderabad

- Ravi Shankar Chaudhary
  Consultant optometrist, Ocular prosthesis clinic, Hyderabad

- Arunima Mishra
  Consultant optometrist, Ocular prosthesis clinic, Bhubaneswar

Ocular Prosthesis Consultants

- Yashwanth Goud
  Consultant optometrist, Hyderabad

- Sadiya Iram
  Consultant optometrist, Hyderabad

- Dharani Tripuraneni
  Consultant optometrist, Hyderabad

Consultant Optometrists
Unique Features of ‘The Operation Eyesight Universal Institute for Eye Cancer’:

- An exclusive institute for eye cancer that is one of its kind in the world
- The oncology services at LVPEI can claim to have more than a decade’s experience in offering plaque radiation therapy and treatment to all types of ophthalmic/ocular tumors. We continue to provide this service at ‘The Operation Eyesight Universal Institute for Eye Cancer’
- Entire value chain of services for eye cancer offered under one roof - patient care, research, education and rehabilitation
- Equipped with in-house chemotherapy unit for children
- The first and the only institute in India to perform Navigation-assisted surgery for complex orbital tumors
- Based on the socio-economic criteria, more than 50% patients are offered the same quality treatment entirely free-of-cost

LV Prasad Eye Institute

Hyderabad
Kallam Anji Reddy Campus
LV Prasad Marg, Banjara Hills
Hyderabad - 500 034
Telangana, India

Bhubaneshwar
Patia
Bhubaneshwar - 751 024
Odisha, India

Visakhapatnam
GMR Varalakshmi Campus
11-113/1, Hanumanthawaka Junction
Visakhapatnam - 530 040
Andhra Pradesh, India

Vijayawada
Kode Venkatadri Chowdary Campus
Tadigadapa
Vijayawada - 521 137
Andhra Pradesh, India

To book an appointment, reach us at:
T: +91 91 7032700389; 40 39892020
F: +91 40 2354 8339
E: oncology@lvpei.org, www.lvpei.org

Follow us on

Facebook
Twitter
YouTube
LinkedIn
Google+
Bing