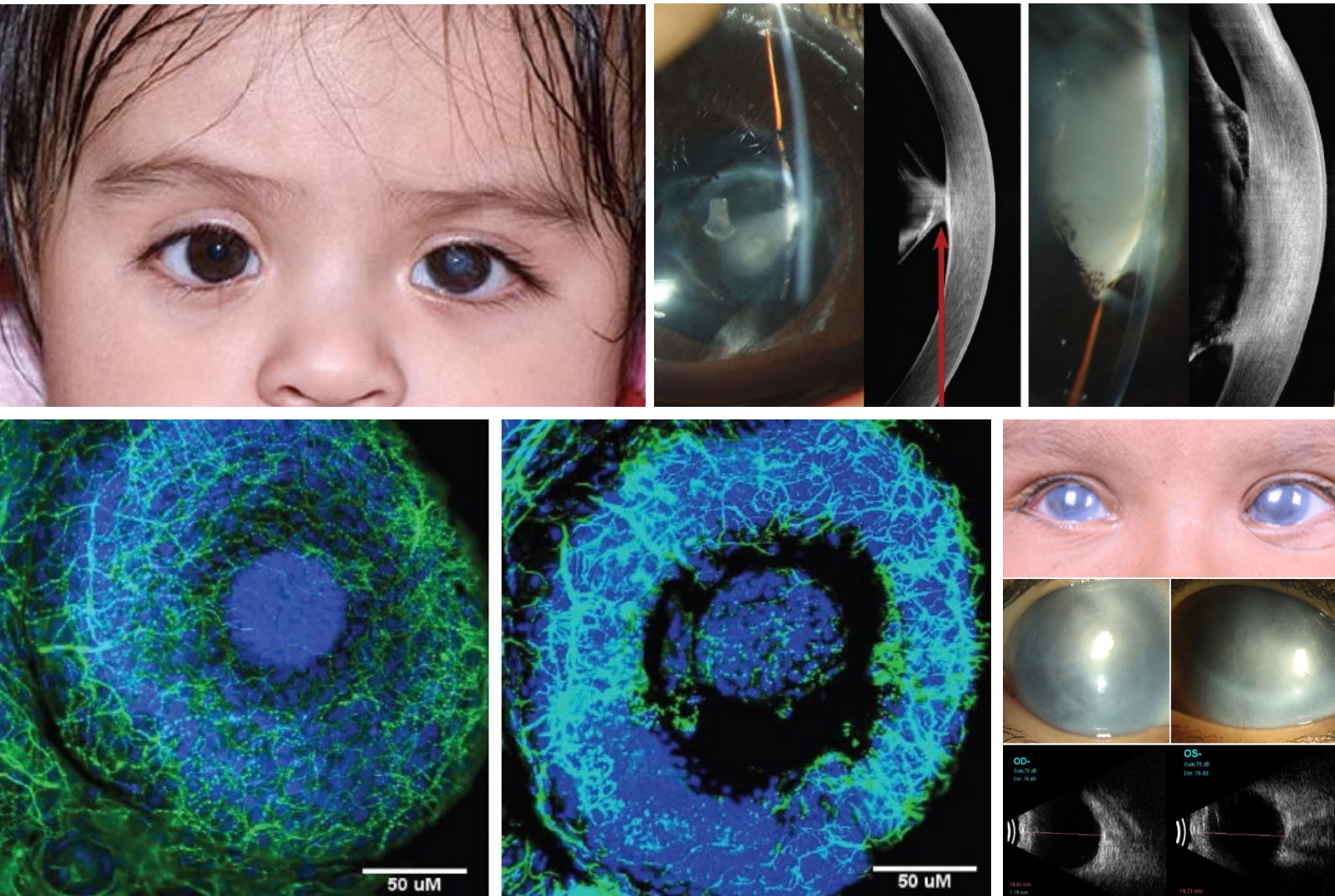


Pedcor-3

A global e-conference

Advancing therapies for wide spectrum of cornea & anterior segment diseases in children

Friday-Saturday, 6th-7th November 2020
1600-2100 IST



Pedcor-3: A global e-conference

Detailed Schedule

6th-7th, Friday & Saturday, November 2020, 5 PM -9 PM, All timing in IST

Program Director: **Muralidhar Ramappa**

TCI, L V Prasad Eye Institute, Hyderabad, Telangana, India.

Objective: Attendee will be familiar with the spectrum of anterior segment abnormalities, surgical challenges, modifications & outcomes of keratoplasty in children. Cutting-edge training in understanding the range of pediatric diseases, including the benefits of advanced imaging techniques and the importance of molecular screening. Various surgical approaches to rehabilitate these children with the utmost safety and precision. Also, tackling various complex anterior segment abnormalities, post-surgical complications, management of cataract, glaucoma, and retinal issues pertinent to anterior segment reconstruction in children and future research in the cornea's childhood diseases.

International Faculty: Arundhati Anshu, Dominique Bremond-Gignac, Arif Khan, Phoebe Lenhart, Asimina Mataftsi, Kamiar Mireskandri, Ken Nischal, Christina Prescott, Marcia Tartarella, Danielle Trief, Angeli Christy Yu.

National Faculty: Deepak Bhatt, Shilpa Das, Rajesh Fogla, Abha Gour, Nikhil Gokhale, Sushmita Kaushik, Sudarshan Khokhar, Meena Lakshmi pathy, Vanathi Murugesan, Virender Sangwan, Namrata Sharma, Bhaskar Srinivasan, Rishi Swarup, Radhika Tandon, Vikas Veerwal, Geeta Vemuganti.

LVPEI Faculty: Swathi Badakere, Kavya Chandran, Nandini Bothra, Sunita Chaurasia, Merle Fernandes, Vijaya Gothwal, Saumya Jakati, Subhadra Jalali, Chitra Kannabiran, Anahita Kate, Preetam Kumar, Anil K Mandal, Amrita Mohanty, Dilip Kumar Mishra, Rashmi Krishna Murthy, Somasheila Murthy, Smruthi Priyadarshini, PremNandhini, Muralidhar Ramappa, Aravind Roy, Sanhita Roy, Sirisha Senthil, Savitri Sharma, Supriya Sharma.

International Faculty



Arundhati Anshu
Singapore



Dominique
Bremond-Gignac
Paris



Arif Khan
Abu Dhabi



Phoebe Lenhart
USA



Asimina Mataftsi
Greece



Kamiar Mireskandri
Canada



Ken Nischal
USA



Christina Prescott
USA



Marcia Tartarella
Brazil



Danielle Trief
USA



Angeli Christy Yu
Italy

National Faculty



Deepak Bhatt



Shilpa Das



Rajesh Fogla



Abha Gour



Nikhil Gokhale



Sushmita Kaushik



Sudarshan Khokhar



Meena Lakshmi



Vanathi Murugesan



Virender Sangwan



Namrata Sharma



Bhaskar Srinivasan



Rishi Swarup



Radhika Tandon



Vikas Veerwal



Geeta Vemuganti

LVPEI Faculty



Swathi Badakere



Kavya Chandran



Nandini Bothra



Sunita Chaurasia



Merle Fernandes



Vijaya Gothwal



Saumya Jakati



Subhadra Jalali



Chitra Kannabiran



Anahita Kate



Preetam Kumar



Anil K Mandal



Dilip Kumar Mishra



Amrita Mohanty



Rashmi Krishna Murthy



Somasheila Murthy



Smruthi Priyadarshini



PremNandhini



Muralidhar Ramappa



Aravind Roy



Sanhita Roy



Sirisha Senthil



Savitri Sharma



Supriya Sharma

Program Schedule

Day 1: 6th Nov 2020

3:50 PM - 3:55 PM

Welcome address: G N Rao

3:56 PM - 3:59 PM

Introduction: Muralidhar Ramappa

Session-I: 4 PM - 5:15 PM

Congenital corneal opacities: 75 min

Theme

Management of congenital corneal abnormalities and associated ophthalmic and systemic comorbidities: Where are we heading?

Moderator

Muralidhar Ramappa

Panelist

Deepak Bhatt, Merle Fernandes, Vanathi Murugesan, Geeta Vemuganti

Keynote address: 20 min each

1. Genetics of congenital corneal opacification-impact on diagnosis and treatment.

Ken Nischal MD, professor, UPMC Eye Center, Children's Hospital of Pittsburgh, Pittsburgh, USA.

2. Anterior segment imaging in the pediatric age group

Deepak Bhatt, MD, Professor in Ophthalmic imaging at Grant Medical College, Mumbai, India.

3. Clinicopathological correlation of congenital corneal opacification

Geeta K Vemuganti, DCP MD (Path), DNB(Path), FAMS, FICP, Professor at University of Hyderabad, India

Panel discussion

10 min

Session-II :5:15 PM - 6:30 PM

Specific congenital Corneal conditions-I:75 min

Theme

Unravelling Specific Corneal Abnormalities: Various diagnostic Tools To Confirm?

Moderator

Merle Fernandes

Panelist

Deepak C Bhatt, Arif Khan, Vanathi Murugesan, Geeta Vemuganti

Each talk: 8 min

1. Overview of congenital anterior segment abnormalities

Sunita Chaurasia, MD, L V Prasad Eye Institute, Hyderabad, India

2. Monogenic disorders of corneal size and shape

Arif Khan, MD, Consultant in Pediatric Ophthalmology & in Ocular Genetics, Cleveland Clinic Abu Dhabi, and Professor of Ophthalmology, Cleveland Clinic Lerner College of Medicine.

3. Peters anomaly: a diagnostic dilemma

Merle Fernandes, MD, GMRV campus, L V Prasad Eye Institute, Vizag, India.

4. Selective Endothelial ectomy in Peters Anomaly (SEPA): A novel surgical technique and long-term clinical outcomes in children with a subtype of Peters anomaly

Muralidhar Ramappa, MD, L V Prasad Eye Institute, Hyderabad, India

5. Recessive cornea plana: an under-recognized pathognomonic phenotype

Arif Khan, MD, Consultant in Pediatric Ophthalmology & in Ocular Genetics, Cleveland Clinic Abu Dhabi, and Professor of Ophthalmology, Cleveland Clinic Lerner College of Medicine.

6. Epibulbar dermoid and spectrum of malformations

Meena Lakshmipathy, MD, Sankara Nethralaya, Chennai, India.

7. Axenfeld Riegers syndrome: a diverse clinical spectrum

Anil K Mandal, MD, VST glaucoma center, L V Prasad Eye Institute, Hyderabad, India

8. Unraveling congenital cloudy cornea

Muralidhar Ramappa, MD, L V Prasad Eye Institute, Hyderabad, India.

Panel discussion

10 min

Program Schedule

Session-III: 6:30 PM -7:45 PM

Theme

Cont.....Specific congenital Corneal conditions-II: 75 min

Unravelling Specific Corneal Abnormalities: Various diagnostic Tools To Confirm?

Moderator

Sunita Chaurasia

Panelist

Arif Khan, Sushmita Kaushik, Meena Lakshmi pathy, Vanathi Murugesan

Each talk: 8 min

- 1. Molecular biology in primary congenital glaucoma**
Sushmita Kaushik, MD, Professor at Postgraduate Institute of Medical Education and Research, Chandigarh, India.
- 2. Genetics of Endothelial Dystrophy in children**
Chitra Kannabiran, Ph.D., Scientist, Kallam Anji Reddy Molecular Genetics Laboratory, L V Prasad Eye Institute, India.
- 3. Genetics of primary congenital Aphakia**
Sushmita Kaushik, MD, Professor at Postgraduate Institute of Medical Education and Research, Chandigarh, India.
- 4. Oxidative stress in corneal endothelium in cases of SLC4A11 depletion**
Sanhita Roy, Ph.D., Scientist, Prof. Brien Holden Eye Research Centre, L V Prasad Eye Institute, India.
- 5. Endothelial alterations in developmental corneal abnormality**
Sunita Chaurasia, MD, L V Prasad Eye Institute, Hyderabad, India
- 6. Persistent fetal vasculature (PFV) various presentations and management**
Sudarshan Khokhar, MD, Clinical Professor and chairman for lens clinic, Dr. R.P. Centre for Ophthalmic Sciences, AIIMS, New Delhi, India
- 7. Brittle cornea syndrome (BCS) - a distinct disorder of corneal fragility**
Arif Khan, Consultant in Pediatric Ophthalmology & in Ocular Genetics, Cleveland Clinic Abu Dhabi, and Professor of Ophthalmology, Cleveland Clinic Lerner College of Medicine.
- 8. Vitreoretinal dysplasia masquerading as Peters anomaly**
Subhadra Jalali, MD, The Kanuri Santhamma Center for Retino-Vitreous diseases, L V

Panel discussion

10 min

Session-IV: 7:45 PM - 9:00 PM

Theme

Cont.....Specific congenital Corneal conditions-II: 75 min

Challenging dry eyes, allergy, and micro-allergic-kerato-conjunctivitis, including corneal infections

Moderator

Somasheila Murthy and Aravind Roy

Panelist

Dominique Bremond-Gignac, Nikhil S Gokhale, Radhika Tandon, Aravind Roy, Savitri Sharma

Each talk: 8 min

- 1. Focus on dry eye and blepharitis in children**
Dominique Bremond-Gignac, MD, Ph.D., Professor and Director of Ophthalmology services, university de Picardie Jules Verne, Amiens, France.
- 2. Clinical spectrum of allergic eye diseases**
Smruti Priyadarshini, MD, MTC campus, L V Prasad Eye Institute, Bhubaneswar, India.
- 3. A systematic approach in managing vernal keratoconjunctivitis in clinical practice: severity grading and a treatment algorithm**
Nikhil S Gokhale, MD, Gokhale Eye Hospital, Mumbai, Maharashtra, India.
- 4. Surgical management of allergic eye diseases**
Somasheila Murthy, MD, Head, Cornea services, Kallam, Anji Reddy campus, Hyderabad.
- 5. Outcomes and rationale of excision and mucous membrane grafting in palpebral vernal keratoconjunctivitis**
Bhaskar Srinivas, MD, Consultant, Sankara Nethralaya, Chennai, India.

Program Schedule

- 6. Non-herpetic infectious keratitis: decision making and therapy**
Abha Gour, MD, Consultant Cornea Anterior Segment, Dr. Shroff Charity Eye Hospital
- 7. Manifestations and management of herpetic eye infections in children:**
Radhika Tandon, MD, R P Center, AIIMS, New Delhi, India.
- 8. Role of diagnostic microbiology in children with corneal infections:**
Savitri Sharma, Jhaveri Microbiology, L V Prasad Eye Institute, Hyderabad, India

Panel discussion

10 min

Day 2: 7th Nov 2020

3:56 PM - 3:59 PM

Introduction by Sight life

Josie Noah, MPA MPL, Chief Global Officer, SightLife, Seattle, WA USA

Session-V: 4 PM - 5:15 PM: 75 min

Essential Surgical Skills -Top Tips for pediatric cornea specialists

Theme

Preoperative assessment, including preparation and surgical techniques considerations, challenges, and necessary modifications

Moderator

Muralidhar Ramappa

Panelist

Merle Fernandes, Rajesh Fogla, Kamiar Mireskandri, Vanathi Murugesan, Namrata Sharma, Radhika Tandon

Each talk: 8 min

- 1. Case selection includes preoperative evaluation, critical period assessment, and aiming of surgical intervention**
Radhika Tandon, MD, Professor, R P Center, AIIMS, New Delhi, India.
- 2. Surgical description of penetrating keratoplasty: pre-intraoperative measures that minimize the technical difficulties**
Merle Fernandes, MD, Director, GMRV campus, L V Prasad Eye Institute, Vizag, India.
- 3. Nuances in pediatric Keratoplasty**
Vanathi Murugesan, MD, Professor, R P Center, AIIMS, New Delhi, India.
- 4. Intra Operative Imaging in Lamellar Corneal Surgery**
Namrata Sharma, MD, Professor, R P Center, AIIMS, New Delhi, India.
- 5. Selective anterior lamellar corneal replacement in children: intraoperative considerations**
Angeli Christy Yu, MD, Department of Ophthalmology, Ospedali privati Forli "Villa Igea", Forli, Italy
- 6. Pediatric DALK surgery - my experience**
Rishi Swarup, FRCS, Medical Director, Swarup eye institute, Hyderabad, India.
- 7. Selective posterior lamellar corneal replacement in children: my top tips to maximize success.**
Muralidhar Ramappa, MD, L V Prasad Eye Institute, Hyderabad, India
- 8. Expanding DMEK in eyes with CHED**
Rajesh Fogla, DNB, Director Cornea Clinic, Senior Consultant Eye Surgeon at Apollo Hospitals, Jubilee Hills, Hyderabad.

Panel Discussion

10 min

Program Schedule

Session-VI: 5:15 PM - 6:30 PM: 75 min

Theme	Post- Operative Care Including Immunosuppression and Visual Rehabilitation: what to expect after keratoplasty
Moderator	Merle Fernandes
Panelist	Merle Fernandes, Kamiar Mireskandri, Vanathi Murugesan, Radhika Tandon,
Each talk: 8 min	<ol style="list-style-type: none">1. Post keratoplasty aftercare: do's and don'ts in the early postoperative period <i>Merle Fernandes, MD, L V Prasad Eye Institute, Hyderabad, India</i>2. Managing allograft rejection & high-risk keratoplasty including immune suppression <i>Vanathi Murugesan, MD, R P Center, AIIMS, New Delhi,</i>3. Tackling post keratoplasty graft infections: to minimize the irreversible damage <i>Shilpa Das, MD, Narayana Nethralaya, Bangalore, India</i>4. Post keratoplasty glaucoma management <i>Anil K Mandal, VST glaucoma center, L V Prasad Eye Institute, Hyderabad, India.</i>5. Managing intractable pediatric glaucomas in children <i>Sirisha Senthil, VST glaucoma center, L V Prasad Eye Institute, Hyderabad, India.</i>6. Aniridia associated Keratopathy: <i>Asimina Mataftsi, Associate Professor in Ophthalmology, Paediatric Ophthalmology and Strabismus, IInd Department of Ophthalmology, Aristotle University of Thessaloniki, Thessaloniki, Greece.</i>7. Long term outcomes after primary pediatric keratoplasty <i>Arundhati Anshu, MD, MBBS, MS(Ophth), M Med(Ophth), MRCSEd, FRCS(Ed), FAMS, Senior Consultant, Singapore National Eye Centre, Singapore.</i>8. The long-term outcomes of lamellar keratoplasty in the pediatric age group: 12-years of our experience. <i>Muralidhar Ramappa, MD, L V Prasad Eye Institute, Hyderabad, India</i>
Panel Discussion	10 min

Session-VII: 6:30 PM -7:00 PM: 30 min

Theme	Visual acuity assessment, CL and rehabilitation
Moderator	Smruthi Priyadarshini
Panelist	Phoebe Lenhart, Meena Lakshmi pathy
Each talk: 8 min	<ol style="list-style-type: none">1. Visual Function & Functional Vision Testing <i>PremNandhini Satgunam, Ph.D., Research Faculty at L.V.Prasad Eye Institute, Hyderabad, India</i>2. Pediatric contact lens fittings: little eyes big challenges <i>Preetam Kumar, B opt, Consultant Optometrist Contact Lens, L V Prasad Eye Institute, Hyderabad, India</i>3. Management of low vision in pediatric corneal conditions <i>Vijaya K Gothwal, Ph.D., Head - Outcomes Research Unit; Brien Holden Eye Research Center, L V Prasad Eye Institute, Hyderabad, India.</i>
Panel Discussion	5 min

Program Schedule

Session-VIII: 7:00 PM - 8:15 PM: 75 min

Theme	Ectatic conditions, connective tissue abnormalities, metabolic disorders, dysautonomia, and chemical injuries
Moderator	Sunita Chaurasia
Panelist	Meena Lakshmiopathy, Kamiar Mireskandri, Vanathi Murugesan, Virender Sangwan, Marcia Tartarella, Danielle Trief
Each talk: 8 min	<ol style="list-style-type: none">Development of an algorithm to detect keratoconus in kids <i>Marcia Tartarella, MD, Ph.D., Department of Ophthalmology, Medical School, Federal University of Rio Grande do Sul and Hospital de Clínicas de Porto Alegre, Porto Alegre RS, Brazil.</i>Pediatric Keratoconus and Corneal Collagen Crosslinking <i>Kamiar Mireskandri, MD, MBChB, FRCSEd, FRCOphth, Ph.D., Assistant professor, The Hospital for Sick Children, University of Toronto, Toronto, Ontario, Canada.</i>When to opt for scleral lenses: irregular cornea patients, in particular, can enjoy the many benefits that accompany fitting scleral lenses. <i>Christina Prescott, MD, Ph.D., Wilmer eye institute, John Hopkins, University, Baltimore, USA.</i>Surgical management of ocular surface diseases <i>Virender Sangwan, MD, Director Innovation, Dr. Shroff's Charity Eye Hospital, New Delhi, India.</i>Tips and tricks in management of SJS and TEN in children: <i>Kamiar Mireskandri, MD, MBChB, FRCSEd, FRCOphth, Ph.D., Assistant professor, The Hospital for Sick Children, University of Toronto, Toronto, Ontario, Canada.</i>Congenital corneal anesthesia <i>Marcia Tartarella, MD, Ph.D., Department of Ophthalmology, Medical School, Federal University of Rio Grande do Sul and Hospital de Clínicas de Porto Alegre, Porto Alegre RS, Brazil.</i>Epikeratopalsty for Brittle Cornea Syndrome <i>Kamiar Mireskandri, MD, MBChB, FRCSEd, FRCOphth, Ph.D., Assistant professor, The Hospital for Sick Children, University of Toronto, Toronto, Ontario, Canada.</i>Pediatric corneal neovascularization <i>Danielle Trief MD MSc, Assistant professor of Ophthalmology at Columbia University Medical Center.</i>HSV Keratitis in Children: Particularly challenging situations <i>Phoebe Lenhart, MD, Associate Professor of Ophthalmology, Emory University School of Medicine, Atlanta, GA, USA.</i>
Panel Discussion	10 min

Session-IX: 8:15 PM - 9:00PM: 45 min

Essential Surgical Skills -Top Tips for pediatric Cornea specialists

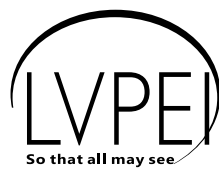
Theme	Potpourri
Moderator	Muralidhar Ramappa
Panelist	Merle Fernandes, Vanathi Murugesan, Danielle Trief
Each talk: 3 min	<ol style="list-style-type: none">DSAEK for children with congenital glaucoma <i>Danielle Trief MD MSc, Assistant professor of Ophthalmology at Columbia University Medical Center.</i>

Program Schedule

2. **Congenital cryptophthalmos: clinical spectrum and surgical rehabilitation**
Nandini Bothra, MD, Consultant, Ophthalmic plastic services, L V Prasad Eye Institute, Hyderabad, India
3. **Imperforate pupil: my experience**
Rashmi Krishna Murthy, MD, VST glaucoma center, L V Prasad Eye Institute, Hyderabad, India.
4. **Clinical spectrum of primary congenital aphakia (CPA) and glaucoma our experience at a tertiary eye care center**
Swathi Badakere, MD, VST glaucoma center, L V Prasad Eye Institute, Hyderabad, India.
5. **Forceps injuries**
Kavya Chandran, MD, The cornea institute, L V Prasad Eye Institute, Hyderabad, India.
6. **Clinicopathological correlation of sclerocornea**
Dilip Kumar Mishra, MD, ocular pathologist, L V Prasad Eye Institute, Hyderabad, India.
7. **Clinicopathological correlation of Keloid**
Saumya Jakati, MD, ocular pathologist, L V Prasad Eye Institute, Hyderabad, India
8. **Cornea plana**
Supriya Sharma, MD, Adjunct faculty, Eyecare academy of education, L V Prasad Eye Institute, Hyderabad, India.
9. **Traboulsi syndrome**
Simmy Chaudhary, MD, long term fellow cornea services, Eyecare academy of education, L V Prasad Eye Institute, Hyderabad, India..
10. **Congenital Hereditary Stromal Dystrophy (CHSD)**
Amrita Mohanty, MD, MTC campus, L V Prasad Eye Institute, Bhubaneswar, India.
11. **Rubinstein-Taybi syndrome: RTS**
Anahita Kate, MD, The cornea institute, L V Prasad Eye Institute, Hyderabad, India.
12. **Renal Tubular Acidosis: RTA**
Anushri Prakash, DNB resident, Academy for Eye Care Education, L V Prasad Eye Institute, Hyderabad, India
13. **Mucopolysaccharidosis**
Mariya doctor, DNB resident, Academy for Eye Care Education, L V Prasad Eye Institute, Hyderabad, India
14. **Vitamin A deficiency (VAD)**
Dimple Sanjay Lodha, DNB resident, Academy for Eye Care Education, L V Prasad Eye Institute, Hyderabad, India
15. **Nail Patella Syndrome(NPS)**
Vikas Veerwal, MD, Consultant, CFS, New Delhi.



Vote of thanks & Closing remarks



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