

❖ Name & Designation	: Dr. Shraddha Sureka, Clinical Fellow
❖ Address	: Cornea & Anterior Segment Services, LV Prasad Eye Institute, Bhubaneswar
❖ Name of the International Conference/ Seminar/Symposium/ Workshop	: American Academy of Ophthalmology 2014
❖ Title of the abstract accepted	: 1. Penetrating keratoplasty and simple limbal epithelialtransplantation: Clinical outcomes. 2. Ocular surface complications after boston type I keratoprosthesis.
❖ Date & Venue	: Chicago, USA, 18-21st October 2014
❖ Money sanctioned	: ₹ 89,019/-
❖ Money reimbursed	: ₹ 86,333/-

The annual meeting of the American Academy of Ophthalmology was an academic feast with confluence of nearly 10,000 delegates with a galaxy of international and national faculty, who shared their knowledge, expertise and contributed to discussions on the future trends in ophthalmology. Besides sessions on basics in ophthalmology which were for resident doctors, newer advances were discussed with controversies and dilemmas in various sub specialities like cornea, retina, glaucoma, oculoplasty, ocular oncology, strabismology, etc.

- Academic Highlights of the Training/Workshop:

The main academic highlights were expanding use of deep anterior lamellar keratoplasty even in microbial keratitis, newer modalities of imaging of the ocular surface for dry eye disease and for imaging meibomian glands. The various controversies and dilemmas in decision making in microbial keratitis were well presented with insight into the opinions of experts in this field from world over. Descemet membrane endothelial keratoplasty which is the upcoming method for

endothelial transplantation was discussed in great details at various forums. The long-term outcomes and modifications in techniques over the past few months were particularly interesting. Intraoperative aberrometry as a means of improving cataract surgery outcomes was very interesting to me, and it provided an inspiration to work towards finding a way to get this technology to India in a cost-effective way.

8. Participant's contribution to the Training/Workshop:

The annual meeting of the American Academy of Ophthalmology held in Chicago, United States of America in October 2014 had a rich scientific discussion and deliberation on Ophthalmology. I presented my scientific work on challenging topics in Cornea. My first paper was on the use of stem cell transplantation in patients with chemical injuries to the eyes – especially children with lime injury to the eye. My paper was titled 'Penetrating Keratoplasty and Simple Limbal Epithelial Transplantation (SLET): Clinical Outcomes' where I discussed the use of keratoplasty in patients who were undergoing SLET. It showed good clinical outcomes in terms of stable ocular surface and clear visual axis to help restore vision to these patients.

My second paper presentation was on the use of Boston keratoprosthesis in patients with end stage corneal disease. In these patients routine corneal transplantation was not possible. My paper on 'Ocular Surface Complications after Boston Type I Keratoprosthesis' exemplified our patient profile of patients with keratoprotheses who had ocular surface breakdown after the surgery and the various treatment modalities we used. During the discussions, clinicians and scientists from others countries spoke about their experiences and queries about these procedures. I also presented a poster titled 'Clinical Outcomes of Repeat Keratoplasty After Failed Therapeutic Keratoplasty Performed for Fungal or Bacterial Keratitis'.

As a part of the conference I got a chance to interact with local and international faculty. I had a discussion about my scientific work with international delegates. The other delegates shared their experience about the disease and its different patterns and management modalities, which gave me a different insight to the diseases treated by us.