

Workshop on Eye Care Research Priorities for India, 8-9th October, 2011
Research Ideas for Cornea and Eye Banking

Understanding the Disease
1. Is there a relation between corneal infections and agricultural patterns and practices? 2. What are the “causes of causes” of corneal ulcers? 1. What is the true need of corneal transplants in India by etiology?
Magnitude
1. What is the true prevalence of corneal diseases and blindness? What are the causes? 2. What is the rate of post cataract corneal blindness – bullous keratopathy? 3. What is the prevalence of trachoma – by different stages?
Barrier in Access
1. What are the barriers to eye donation in India?
Human Resources
1. Can vision technicians effectively perform ocular first aid?
Quality of Care
1. What are the factors affecting utilisation of corneas? 2. What is the success rate of corneal transplantation? What is the improvement in vision?
Service Delivery/ Intervention
1. Situation Analysis: What is the current treatment for corneal diseases at different levels of care 2. Situation Analysis: What are the reasons for discarding corneas? 3. What are the factors that improve the utilization rate of corneas? 4. Operations Research Study of preventive approaches (such as wearing protective glasses, dispensing medicines for corneal abrasion) to prevent corneal ulceration.
Impact
1. What is the cost effectiveness of cornea transplantation? 1. Cost analysis of industrial and agricultural ocular trauma