

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

Understanding the Disease

1. What are the genetic or environmental factors that influence pseudoexfoliation Glaucoma?
2. What are the ethnic patterns seen in the incidence of Primary angle closure Glaucoma?

Compliance to Follow-up

1. What are the barriers to follow-up?
2. What are the effective methods of increasing compliance to treatment and follow-up?
3. What are the issues affecting compliance to medication (application of drops, refilling prescription, affordability)

Quality of Care

1. Factors influencing success rate of Glaucoma treatment

Service Delivery/ Intervention

1. Development of effective tools for Rapid assessment of glaucoma (in the field)?
2. What is the long term impact of YAG PI in prophylaxis of angle closure glaucoma?
3. What is the cost effectiveness of using Perkins Tonometry vs. Schiottz in Camps?
4. Effectiveness of glaucoma screening in Vision Centers
5. KAP to understanding the patients' perspective of the appropriate treatment method (Medical/Surgical)
6. Study of the efficacy of glaucoma medications
7. Can narrow angles be reliably detected by technicians using simple equipment?
8. Comparing the management of glaucoma by comprehensive ophthalmologist and a specialist
9. Feasibility of combining image based glaucoma screening with DR imaging?
10. Situation Analysis: How many ophthalmologists actually do a comprehensive eye examination including for Glaucoma?
11. Development of an effective system for tracking patients across multiple providers of glaucoma care
12. What is the most cost effective way of managing glaucoma (from both patient and provider perspective)?
13. What is the effectiveness of family screening (of patients with glaucoma) in detecting glaucoma?
14. Operations Research on using PHC medical officer for case finding.
15. Necessity of screening for glaucoma in community eye camps
16. Operations Research to see what it will take to filter patients at the Primary level
17. Operations Research study to see how to use Vision Centers to achieve 100% compliance to treatment in the service area.

Cost

1. What is the Cost effectiveness of care for Glaucoma?
1. What is the economic impact of glaucoma?

Technology

1. Development of effective technology for easy detection of Glaucoma in the field

