Appendix:

Questionnaire

Section A: Demographic and associated variables

1- Age:

2- Sex:
   o Male
   o Female

3- Education:
   o University graduate
   o High school graduate
   o Primary school
   o Illiterate

4- Residence:
   o Urban
   o Rural

5- Job:
   o Employed
   o Unemployed
   o Retired
   o House wife

6- Years of treatment

7- Number of drugs

8- IOP (current reading)

9- Payment
   o Full
   o Partial
   o None

10- Other co-morbidities
Section B: Knowledge

1- Normal IOP level is ….. mm hg:
   o 5-10
   o 10-20
   o 20-30
   o I don’t Know

2- Alternate options for glaucoma management include:
   o Surgery
   o Laser
   o Both
   o None
   o I don’t know

3- Side effects of Prostaglandins include:
   o Tachycardia and Bronchospasm
   o Redness and trichomegaly
   o Not in use
   o I don’t Know

4- Side effects of Timolol include:
   o Tachycardia and Bronchospasm
   o Redness and trichomegaly
   o Not in use
   o I don’t Know

5- which of the following investigations is needed for your fellow up:
   o FFA
   o Field of vision
   o Ultrasound
   o I don’t know

6- Glaucoma can lead to reduction in the field of vision through optic nerve damage. Effective Treatment will:
   o Slow out progression of nerve damage
   o Improve optic nerve through its regeneration
   o I don’t know

7- IOP may decrease after cataract extraction
   o True
   o False

8- Siblings of glaucoma patient are at risk of developing glaucoma
   o True
   o False
9- Steroids may lead to decreased IOP
   o True
   o False

10- All patients with glaucoma have increased IOP
   o True
   o False

Section C: Patient preference

Do you prefer surgical treatment over continuation on medical therapy even if surgical treatment will result in just decreasing number of used medications?
   o Yes
   o No

Section D: Health belief model domain

I) Perceived Seriousness

1. Do you think glaucoma medications can lead to irritating side effects?
   o Agree
   o Neutral
   o Disagree

2. Do you think glaucoma medication interferes with your daily activity?
   o Agree
   o Neutral
   o Disagree

3. Do you think that Lifelong glaucoma medications badly affect your quality of life?
   o Agree
   o Neutral
   o Disagree

II) Perceived Susceptibility

1. I think it is difficult to adhere to medication for life
   o Agree
   o Neutral
   o Disagree

2. I may experience deterioration of my sight even when I am adherent to medication
   o Agree
3. I think my condition needs more follow up while using medication
   - Agree
   - Neutral
   - Disagree

### III) Perceived benefits

1. Surgical management will be permanent solution to my eye problem
   - Agree
   - Neutral
   - Disagree

2. Freedom from medications will improve my quality of life
   - Agree
   - Neutral
   - Disagree

3. Surgical treatment will minimize damage caused by glaucoma to my vision
   - Agree
   - Neutral
   - Disagree

4. Glaucoma surgery will be more effective in preventing optic nerve damage than medical treatment
   - Agree
   - Neutral
   - Disagree

### IV) Perceived barriers

1. I think surgical management can cause damage to my eye
   - Agree
   - Neutral
   - Disagree

2. I expect worsening of my condition by surgery
   - Agree
   - Neutral
3. I think surgical treatment will cost more than I can afford
   - Agree
   - Neutral
   - Disagree

4. I think lifelong medical treatment is safer than surgery
   - Agree
   - Neutral
   - Disagree

5. My general health condition makes me unfit for surgery
   - Agree
   - Neutral
   - Disagree

V) Cues to action

1. Do you have family member or friend who lost vision from glaucoma in-spite use of medication?
   - Yes
   - No

2. Do you have family member or friend who went for successful glaucoma surgery?
   - Yes
   - No

3. Does your doctor prompt surgery than medication?
   - Yes
   - No

4. Did you get any information from media or social contacts that encourage surgery?
   - Yes
   - No

VI) Self-efficacy

1. I feel capable of discussing my options to undergo surgery with my physician?
   - Agree
2. I can withstand stress of surgery
   - Agree
   - Neutral
   - Disagree

3. I know I can comply to my physician instructions before and after surgery
   - Agree
   - Neutral
   - Disagree