

Appendix:

Questionnaire

Section A: Demographic and associated variables

- 1- Age:
- 2- Sex:
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 - Male
 - Female
- 3- Education:
 - University graduate
 - High school graduate
 - Primary school
 - Illiterate
- 4- Residence:
 - Urban
 - Rural
- 5- Job:
 - Employed
 - Unemployed
 - Retired
 - House wife
- 6- Years of treatment
- 7- Number of drugs
- 8- IOP (current reading)
- 9- Payment
 - Full
 - Partial
 - None
- 10- Other co-morbidities

Section B: Knowledge

- 1- Normal IOP level is mm hg:
 - 5-10
 - 10-20
 - 20-30
 - I don't Know

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

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

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

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

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

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

- 8- Siblings of glaucoma patient are at risk of developing glaucoma
 - True
 - False

9- Steroids may lead to decreased IOP

- True
- False

10- All patients with glaucoma have increased IOP

- True
- 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?

- Yes
- No

Section D: Health belief model domain

I) Perceived Seriousness

1. Do you think glaucoma medications can lead to irritating side effects?

- Agree
- Neutral
- Disagree

2. Do you think glaucoma medication interferes with your daily activity?

- Agree
- Neutral
- Disagree

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

- Agree
- Neutral
- Disagree

II) Perceived Susceptibility

1. I think it is difficult to adhere to medication for life

- Agree
- Neutral
- Disagree

2. I may experience deterioration of my sight even when I am adherent to medication

- Agree

- Neutral
 - Disagree
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

- Disagree
3. I think surgical treatment will cost more than I can afford
 - Agree
 - Neutral
 - Disagree
 4. 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 of 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

- Neutral
 - Disagree
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