



Course Summary

Surgical Options in Glaucoma

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Course Description

This course will discuss all the surgical options available in managing glaucoma, its efficacy, its side effects, considerations and when to consider surgery and when to opt for medical management.

Course Learning Objectives

After completion of this course the participants should be able to

- Describe the various factors involved in choosing the medical and surgery as the treatment of choice in management of glaucoma patients.
- Describe and understand the various medical and surgical techniques used in glaucoma management.
- Describe the various complications that can occur related to specific choices of management.
- Understand background of efficacy of various procedures

Course outline

A) Decision making involving choosing medical and surgery as the modality of treatment in managing glaucoma

B) Types of drugs and groups and efficacy.

C) Types of surgical options

1) Laser therapy

- Argon Laser Trabeculectomy
- Selective Laser Trabeculectomy

- Peripheral iridotomy
- Laser peripheral iridoplasty

2) Trabeculectomy

- Procedure
- Intraoperative complications
- Post-operative complications
- Corneal complications

3) Non-penetrating glaucoma surgery

- Principle mechanism and function
- Deep sclerotomy
- Visco canalostomy

4) Drainage devices

- Pre-operative evaluation
- Aqueous shunts
- Ex-Press min shunt
- Trabectome
- Ahmed glaucoma implant

Case reports