

# Combined phacoemulsification and viscocanalostomy with Ologen implant

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## Viscocanalostomy:

• NPGS (viscocanalostomy) are increasing

alternatives in glaucoma surgery

• Which carry less complications than

trabeculectomy

# Viscocanalostomy principle:

 Mechanisms were described for the aqueous outflow after viscocanalostomy:











# Ologen:

- Biodegradable collagen-glycosaminoglycan copolymer
- It was used to increase the success of

trabeculectomy











# **Results:**

• YAG goniopuncture:

- Ologen facilities the technique and enhanced

#### its effect

• Cases with ologen less number of laser shots to

open the Descemet's membrane (p<0.001)

• Iop reduction was more with ologen (p=0.03)

# Conclusions:

• The use of ologen implant with phaco-

viscocanalostomy was found to be safe

• Provided more success in the form of IOP

reduction

### Conclusions:

• And it improves the results of YAG

goniopuncture if needed

