

# Preparation steps

Characteristics of indicated population

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Slide 1

OR setup

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Slides 2-3

List of surgical instruments

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Slide 4

List of drugs

Slide 5

# Characteristics of indicated population

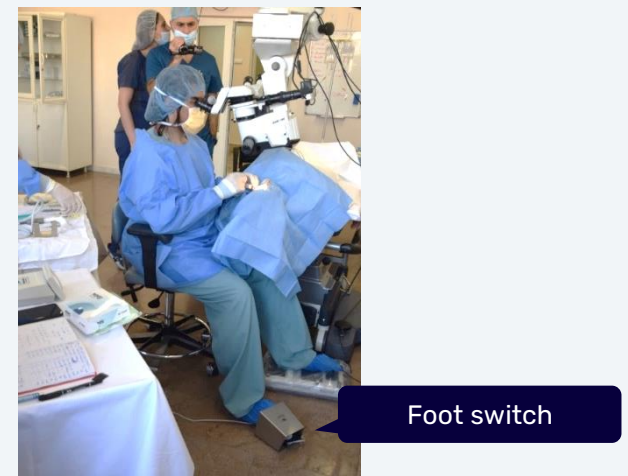
- Open angle glaucoma (including Pseudoexfoliation and Pigmentary glaucoma).
- Chronic angle closure glaucoma only if pseudophakic or undergoing combined surgery.
- Uncontrolled glaucoma (IOP 21 mmHg or above on MTMT), phakic or pseudophakic.
- Shaffer grade  $\geq$  III (wide open angle) in the quadrant intended for surgery.
- If cataract presents combined cataract plus MIMS is indicated.
- Mobile and elastic conjunctiva in the quadrant intended for surgery.

# OR setup

## OR setup



[Watch surgery setup](#) ▶



# OR setup

Sterilized table setup



Placing the handpiece options



# List of surgical instruments

1. Lieberman lid speculum.
2. Side port knife, 1.5mm, 45 degrees (Beaver or other supplier).



[https://genop.co.za/content/knives-and-blades\\_5c6288ffe03ad.pdf](https://genop.co.za/content/knives-and-blades_5c6288ffe03ad.pdf)

## Beaver® Xstar® Safety Slit Knife

The Beaver® Xstar® Safety Slit knife is available in a wide range of sizes designed for smooth penetration and accurate incision width. 10 per box.

Description	Single Bevel	Double Bevel
1.5 mm, angled 45 degrees	378215	–

3. Fechtner forceps or similar for the subconjunctival injection of MMC & viscoelastic material.
4. Spread arms forceps for counter-pressure: bon forceps (K5-2020 Katena or similar), colibri forceps or similar.
5. OVD - Biolon (Altacor) or recommended Biolon substitutes.

# List of drugs

1. Iopidine 0.1% or a similar vasoconstrictor with a strong effect on the blood vessels and only mild mydriatic effect.
2. Lidocaine 2%.
3. Pilocarpine 2%.
4. MMC solution 0.4 mg/ml or 0.3mg/ml (to obtain final concentrations of 0.3, 0.25 or 0.2mg/ml diluted in Lidocaine 2%).
5. Miochol or preservative free Pilocarpine for combined surgeries.