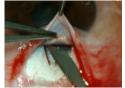


Design of scleral flap

- Shape: trapezoidal, rectangular, triangular, circular
- Size: 4×3mm²(Scleral flap),

1~1.5×1mm²(Trabeculectomy)



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• Thickness: 1/2~2/3 sclera, related to target IOP (thin-low)

avoid over-filtration(too thin) or self-closing(too thick)

• Scleral bed: even, smooth, hemostasis thoroughly but not excessively

Scleral flap suturing

• Arrange the key sutures in situ

Keep anterior chamber formation in normal tesion by the peripheral corneal puncture, alternatively adjust the two sutures to make sure the aqueous humor leeking slowly with a dry cotton swab Avoid shallow anterior chamber formation

Watertight closing
with two releasable sutures



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Orderly maintaining the filtering drainage

• Filtering bleb massage

Insufficient filtration (high pressure, low pressure) position: superior, the pressure increases gradually

<u>Releasable sutures remove</u>

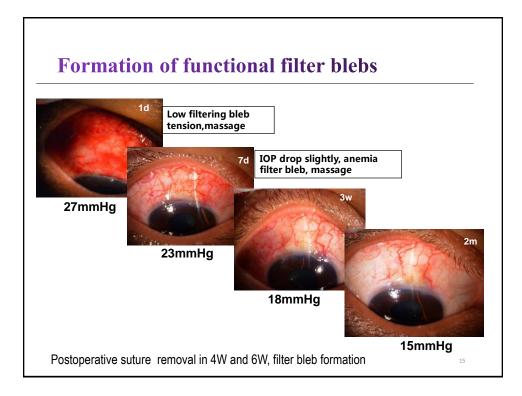
Observe the state of the filtered bleb(avoiding ultrafiltration) limitation of the filtered bleb(2W):

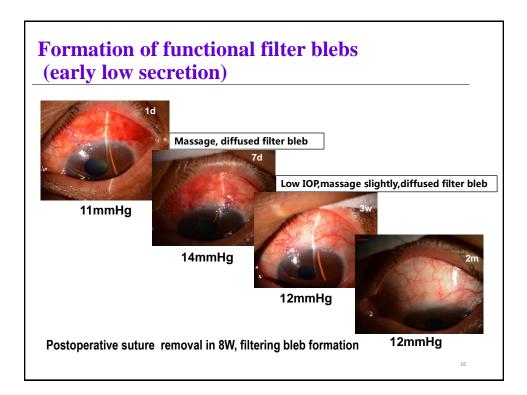
Low IOP: remove earlier

High IOP: massage, avoid removal within 1 week

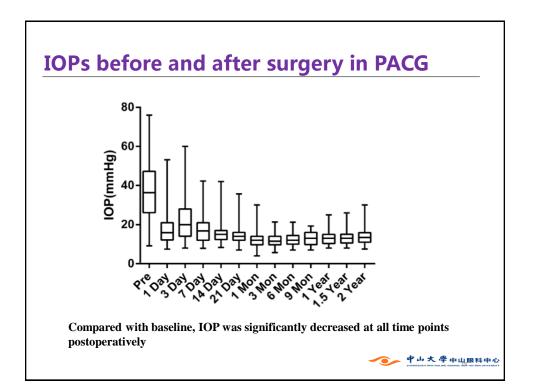
• Follow-up interval

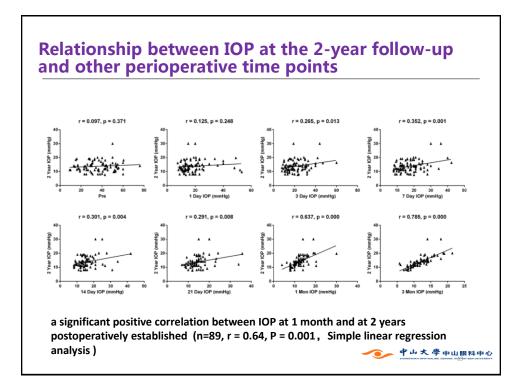
Close follow-up when filtration is insufficient





Int Ophthalmol https://doi.org/10.1007/s10792-019-01072-1	CrossMark
ORIGINAL PAPER	
One-month IOP in mitomycin C-augr can predict long-term IOP control in o closure glaucoma Chengguo Zuo · Shufen Lin · Keling Wu · Ruowen Gong · Minekai Lin · Jian Ge	chronic primary angle-
can predict long-term IOP control in o closure glaucoma	chronic primary angle-
can predict long-term IOP control in o closure glaucoma Chengguo Zuo · Shufen Lin · Keling Wu · Ruowen Gong · Mingkai Lin · Jian Ge Received: 1 May 2018/Accepted: 6 January 2019	chronic primary angle-
can predict long-term IOP control in a closure glaucoma Chengguo Zuo · Shufen Lin · Keling Wu · Ruowen Gong ·	chronic primary angle-





Conclusion Trabeculectomy can be controllable

- Surgical design and treatment concept changes
- Watertight sutured and aqueous humor released orderly
- Filter bleb maintenance orderly
- Treatment of Insufficient filtration
- Need more data to confirm.

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