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**From view to success
Mastering Phaco GATT
outcomes**

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Why Do Phaco-GATT Results Vary?

- Poor gonioscopic view
- Intraoperative bleeding
- Wrong plane of cannulation
- Early postoperative hyphema / PAS

Pre-operative Preparation: Set the Stage Before You Start

- Careful pre-op gonioscopy
- Pigmented vs non-pigmented angle
- Identify PAS / abnormal anatomy
- **Thorough history: bleeding risk & anticoagulants**
- Lower IOP before surgery

Phacoemulsification: Protect the Cornea to Protect the View

- Good phaco technique to avoid corneal edema
- Avoid wound burn and wound hydration
- Clear corneal incisions preferably
- Avoid limbal vessels bleeding

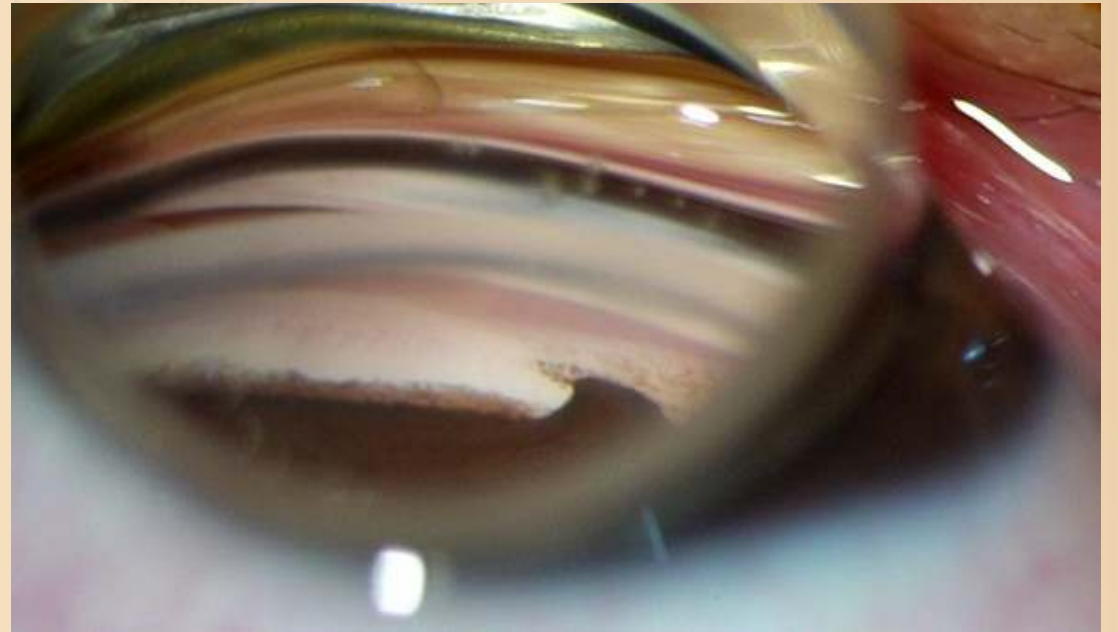
Patient & Microscope Positioning: Achieving the En-face View

- Head tilted away from surgeon
- Microscope tilted away from operator
- **Head elevated to reduce blood reflux**
- Aim for en-face view, not steep or shallow

Steep View



Enface view



Incisions & Viscoelastic: Maintaining a Bloodless Field

- Clear corneal incisions only
- Avoid limbal vessels
- Cohesive viscoelastic (Healon)
- Avoid dispersive viscoelastic
- Bleeding is the enemy



Goniotomy: Opening Schlemm's Canal Safely

- Small, controlled goniotomy
- Prefer 23-gauge MVR blade
- Identify Schlemm's canal lumen
- Immediate viscoelastic tamponade



Cannulation of Schlemm's Canal: Are You in the Right Plane?

- Introduce prolene suture gently
- Follow the suture shadow
- Confirm cutting, not pulling
- Advance stepwise and carefully



Warning Signs During Cannulation: When to Stop and Reposition

- Iris movement = wrong plane
- Suture may exit into AC
- Risk of iris entanglement
- Refill viscoelastic & retrace

Completing GATT: Ending the Case Safely

- Complete 360° trabeculotomy
- Wash viscoelastic
- Pressurize the globe
- Ensure watertight wounds
- Consider air bubble if needed



Postoperative Care: Protecting Your Result

- Head-up positioning
- Expect early hyphema
- Watch for early PAS
- Short course of miotics
- Close early follow-up

Take Home Message

- Phaco quality determines GATT success
- Protect the cornea and the view
- Control bleeding at every step
- Confirm the correct plane before advancing
- Finish and follow up carefully

THANK YOU

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