

SUMMARY OF KEY FINDINGS

Interventional Glaucoma Consensus Treatment Protocol¹

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A Consensus Approach to Improve Patient Outcomes: Driving a Change to the Standard of Care

Glaucoma treatment has historically relied heavily on topical medications to control intraocular pressure (IOP). However, recent evidence suggesting that proactive interventional approaches may enable more stable 24-hour IOP control, improved compliance, and other benefits such as delayed visual field progression and revitalization of the natural outflow pathway has ushered in an evolving paradigm—interventional glaucoma. Interventional glaucoma prioritizes proactive, early procedural intervention to streamline disease management for improved patient outcomes.

The Authors' Defining Principles of Glaucoma Management

- Prioritizes early procedural intervention
- More consistent 24-hour IOP control
- Potential to delay visual field progression
- Revitalization of the natural outflow pathway
- Streamlines disease management

The Interventional Glaucoma Working Group's recent paper reviews evidence behind an interventional glaucoma mindset and details an optimized treatment algorithm based on disease stage. The paper offers the following:



A Consensus Treatment Framework: Provides a stepwise, logical process of treatments for ocular hypertension, mild, moderate, and severe glaucoma. The framework is intended to maximize safety and quality of life for patients without compromising efficacy and while giving interventional glaucoma providers a starting point as they seek to incorporate interventional glaucoma principles to improve patient care.



Patient-Centric Considerations: Considers patients' pre-procedure experience, procedure-day experience, and post-procedure recovery as well as a procedure's impact on future glaucoma care. The pathway is also determined by a target degree and speed of IOP reduction based on the disease state.

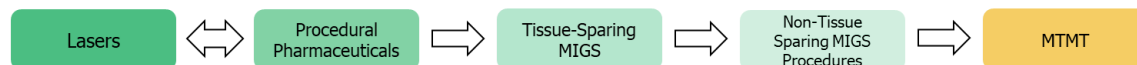
Stepwise Treatment by Disease Stage

The interventional glaucoma consensus treatment protocol focuses on the typical, uncomplicated patient who is newly diagnosed and not previously treated. It assumes no coverage limitations.

Ocular Hypertension



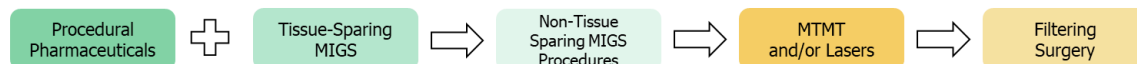
Mild Glaucoma



Moderate Glaucoma



Severe Glaucoma: Favoring a more aggressive intervention, skipping laser to focus on a combined protocol of procedural pharmaceuticals and tissue-sparing MIGS followed by non-tissue-sparing MIGS if IOP is not controlled. Filtering surgery is still the last resort but may be considered when prompt and substantial reduction of IOP is imperative to prevent irreversible optic nerve damage.



Bridge therapy: Drops used as a temporary treatment while patient awaits procedural intervention
Supplemental: Drops used in addition to a procedural intervention

MTMT: Maximum Tolerated Medical Therapy
Tissue Sparing MIGS: Either trabecular bypass or canaloplasty

Hallmarks of the Interventional Glaucoma Consensus Treatment Protocol



Standardization:
Offers clear, stage-based treatment sequencing for better patient care and outcomes



Enhanced Long-Term Patient Care:
Early procedural intervention may slow disease progression and reduce overall healthcare costs



Optimized Patient Experience:
Focuses on safety, efficacy, and maintaining future treatment flexibility

Advancing Glaucoma Care: From Protocol to Practice



Scan the QR code
to read the full
protocol article

Interested in evolving your practice to align with the consensus protocol? Here are some potential next steps:

- Audit a sample of your current glaucoma patient records to assess how your historical glaucoma care deviates from the consensus protocol.
- Identify areas of opportunity for prioritizing earlier procedural intervention.
- Educate and align your key stakeholders.

The Interventional Glaucoma Working Group Consensus Treatment Protocol provides a potential roadmap for glaucoma management, ensuring that treatments align with disease severity while preserving a patient's future options.

Contact your local Glaukos representative to learn more about how to integrate the interventional glaucoma treatment protocol into your practice today.

Glaukos provided reimbursement for the Interventional Glaucoma Working Group's time and travel expenses to allow them to participate in consensus-building discussions.