**Supplemental Figures 1 to 7**

**January 2022 Consultation Section**

**Supplemental Figure 1:** OCT nerve fiber layer, highlighting thinning consistent with glaucomatous damage.

Diagram

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**Supplemental Figure 2:** OCT ganglion cell analysis, noting thinning correlating to the nerve fiber loss.

Shape

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**Supplemental Figure 3:** Humphrey visual field, right eye. Note the significant dense superior arcuate visual field loss.

Scatter chart

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**Supplemental Figure 4:** Humphrey visual field, left eye. Note the inferior arcuate defect.

Diagram, scatter chart

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**Supplemental Figure 5:** Specular microscopy, both eyes, with normal endothelial density and configuration.

Graphical user interface, application

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**Supplemental Figure 6.** Intraoperative photo demonstrating the Posterior Sweep of Tenon (PoST) technique. (*A*) The GF microshunt spatula is between the gel stent and the sclera, prior to sweeping posteriorly. (*B*) One can appreciate Tenon capsule being swept posteriorly away from around the gel stent.

A picture containing clothing, headdress, helmet, armor

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**Supplemental Figure 7.** Intraoperative photo demonstrating injection of MMC into the Tenon tissue that has been swept posteriorly. Note the MMC is staying in Tenon tissue and not migrating anteriorly, thus sparing the limbus from exposure to MMC. MMC = mitomycin-C

A close-up of a person's face

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