Supplementary Online Content

Niziol LM, Gillespie BW, Musch DC. Association of fellow eye with study eye disease trajectories and need for fellow eye treatment in Collaborative Initial Glaucoma Treatment Study (CIGTS) participants. *JAMA Ophthalmol.* Published online August 9, 2018. doi:10.1001/jamaophthalmol.2018.3274

eFigure 1. Flowchart of treatment of the fellow eye in CIGTS participants

eFigure 2. Scatterplots of fellow eye (FE) vs study eye (SE) slopes over time for mean deviation (MD) and intraocular pressure (IOP)

eFigure 3. Interaction plot showing the effect of mean deviation (MD) over time on the hazard of fellow eye treatment in the subset of eyes that were not initially treated at baseline (n = 316)

This supplementary material has been provided by the authors to give readers additional information about their work.
**eFigure 1.** Flowchart of treatment of the fellow eye in CIGTS participants

Med=Medicine, ALT=Argon Laser Trabeculoplasty, Surg = Surgery (Trabeculectomy)
**eFigure 2.** Scatterplots of fellow eye (FE) vs study eye (SE) slopes over time for mean deviation (MD) and intraocular pressure (IOP)

Slopes were only calculated on the subset of subjects that had at least 5 years of follow-up (n=519).

Vertical reference lines correspond to category cut-points in Table 2. (note: for better visualization of results, a slope of MD over time in the FE of -8.35db/year was excluded from the plot, but not the statistical analysis)
eFigure 3. Interaction plot showing the effect of mean deviation (MD) over time on the hazard of fellow eye treatment in the subset of eyes that were not initially treated at baseline (n = 316)

Hazard ratios are in reference to a MD of 0dB at baseline.