Appendix. Goldmann equation

The aqueous production (flow) rate is equal to the sum of trabecular outflow and uveoscleral outflow

$$Ff = (Pi - Pe).C + Fu$$

where, Ff is aqueous humour flow measured by fluorophotometry, Pi is intraocular pressure in the anterior chamber, Pe is the episcleral venous pressure, C is trabecular outflow facility measured by tonography and Fu is uveoscleral outflow.

In this study, "C" was measured at baseline and at 3, 6 and 12 months, while phacoemulsification is assumed to have no effect on Ff, Fu and Pe. We considered Ff to be 2.5 µl/min, Fu to be 1 µl/min and Pe to be 8 mmHg. Therefore, a 10% drop in Pi, consistent with the IOP decrease observed at 6 months, should correspond to 18% increase in "C". In addition, a 12% drop in Pi, should correspond to 13% increase in "C" at 3 months. Furthermore, we observed a 10% drop in Pi should correspond to 11% improvement in "C" at 12 months.