

Combined versus sequential phacotrabeculectomy with intraoperative 5-fluorouracil

Donoso, Rodrigo

Rodríguez, Alonso

Purpose: To determine and compare the intraocular pressure (IOP) lowering effects of single-incision combined phacoemulsification and trabeculectomy with phacoemulsification done after previous trabeculectomy, both with an intraoperative dose of 5-fluorouracil (5-FU). **Setting:** Hospital Del Salvador Ophthalmology Service, Clinica Oftalmologica Pasteur, Santiago, Chile.

Methods: The effects on IOP after phacoemulsification in eyes with previous trabeculectomy using intraoperative 5-fluorouracil (5-FU) (Group 1, n = 18) were compared with those in a matched group of eyes having combined phacoemulsification and trabeculectomy, also with intraoperative 5-FU (Group 2, n = 22). The mean postoperative IOPs and survival curves for IOP values less than 20 mm Hg and 15 mm Hg or less were determined in both groups. Data were retrospectively collected. Comparisons were made with the paired Student t test, and survival curves were compared using log-rank analysis. **Results:** Mean postoperative IOP wit