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Service (sector) GlaucomaNº CEP

MODIFIED SCHOCKET DRAINAGE IMPLANT FOR REFRACTORY GLAUCOMA – SHORT-TERM POSTOPERATIVE OUTCOMES

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Purpose: To analyze the short-term postoperative results of modified Schocket drainage implant surgery in refractory glaucoma. **Methods:** Fifteen patients with refractory glaucoma underwent filtering surgery using an anterior chamber tube shunted to a 90-degree encircling band (modified Schocket implant). Data on intraocular pressure (IOP), visual acuity and postoperative complications were collected. **Results:** The mean preoperative IOP was 28.3 ± 9.3 mmHg. In the four-week postoperative visit, the mean IOP decreased to 23.2 ± 10.7 mmHg ($P=0.09$). In the 8-week postoperative visit, the mean IOP was 14.2 ± 4.2 mmHg ($P=0.007$). There were no changes in the visual acuity after the surgery, except for two patients that lost lines of vision. The most frequent postoperative complications were transient hyphema and iris-tube touch in three patients; ocular hypotony (IOP<6 mmHg) and shallow anterior chamber in another two patients. **Conclusions:** Antiglaucomatous surgery using modified Schocket implant presents reasonable results in the short-term postoperative period.