

PREOPERATIVE DIAGNOSIS:, Open angle glaucoma  
OX, POSTOPERATIVE DIAGNOSIS:, Open angle glaucoma  
OX, PROCEDURE:, Trabeculectomy with mitomycin C, XXX  
eye 0.3 cc per mg times three minutes., INDICATIONS: , This is  
a XX-year-old (wo)man with glaucoma in the OX eye,  
uncontrolled by maximum tolerated medical  
therapy., PROCEDURE: , The risks and benefits of glaucoma  
surgery were discussed at length with the patient including  
bleeding, infection, reoperation, retinal detachment, diplopia,  
ptosis, loss of vision, and loss of the eye, corneal hemorrhage  
hypotony, elevated pressure, worsening of glaucoma, and  
corneal edema. Informed consent was obtained. Patient  
received several sets of drops in his/her XXX eye including  
Ocuflox, Ocular, and pilocarpine. (S)He was taken to the  
operating room where monitored anesthetic care was  
initiated. Retrobulbar anesthesia was then administered to the  
XXX eye using a 50:50 mixture of 2% plain lidocaine and  
0.05% Marcaine. The XXX eye was then prepped and draped  
in the usual sterile ophthalmic fashion and the microscope  
was brought in position. A Lieberman lid speculum was used  
to provide exposure. Vannas scissors and smooth forceps  
were used to create a 6 mm limbal peritomy superiorly. This  
was dissected posteriorly with Vannas scissors to produce a  
fornix based conjunctival flap. Residual episcleral vessels  
were cauterized with Eraser-tip cautery. Sponges soaked in  
mitomycin C 0.3 mg per cc were then placed underneath the  
conjunctival flap and allowed to sit there for 3 minutes  
checked against the clock. Sponges were removed and area

was copiously irrigated with balanced salt solution. A Super blade was then used to fashion a partial thickness limbal based trapezoidal scleral flap. This was dissected anteriorly with a crescent blade to clear cornea. A temporal paracentesis was then made. Scleral flap was lifted and a Super blade was used to enter the anterior chamber. A Kelly-Descemet punch was used to remove a block of limbal tissue. DeWecker scissors were used to perform a surgical iridectomy. The iris was then carefully repositioned back into place and the iridectomy was visible through the clear cornea. A scleral flap was then re- approximated back on the bed. One end of the scleral flap was closed with a #10-0 nylon suture in interrupted fashion and the knot was buried. The other end of the scleral flap was closed with #10-0 nylon suture in interrupted fashion and the knot was buried. The anterior chamber was then refilled with balanced salt solution and a small amount of fluid was noted to trickle out of the scleral flap with slow shallowing of the chamber. Therefore it was felt that another #10-0 nylon suture should be placed and it was therefore placed in interrupted fashion half way between each of the end sutures previously placed. The anterior chamber was then again refilled with balanced salt solution and it was noted that there was a small amount of fluid tricking out of the scleral flap and the pressure was felt to be adequate in the anterior chamber. Conjunctiva was then re-approximated to the limbus and closed with #9-0 Vicryl suture on a TG needle at each of the peritomy ends. Then a horizontal mattress style #9-0 Vicryl suture was placed at the

center of the conjunctival peritomy. The conjunctival peritomy was checked for any leaks and was noted to be watertight using Weck- cel sponge. The anterior chamber was inflated and there was noted that the superior bleb was well formed. At the end of the case, the pupil was round, the chamber was formed and the pressure was felt to be adequate. Speculum and drapes were carefully removed. Ocuflax and Maxitrol ointment were placed over the eye. Atropine was also placed over the eye. Then an eye patch and eye shield were placed over the eye. The patient was taken to the recovery room in good condition. There were no complications.