

Table of Contents

Introduction	6
Standards and Outcome	7
Learner Objectives and Notes	7
Providing a Safe Surgical Environment	8
Supplies and Sutures for Operative Procedures	10
General Suture and Needle Properties and Information	13
Suggested Instrumentation for Operative Procedures	14
Preparation for the Surgical Procedure (Preoperative)	16
Presurgical Periocular Scrub	18
Completion of the Surgical Procedure (Post-operative)	21
Operative Procedures	
Amniotic Membrane Transplant	22
Anterior Vitrectomy	24
Blepharoplasty	26
Cataract Extraction: Phacoemulsification with Intraocular Lens Implantation	28
Chalazion Incision and Drainage	31
Dacryocystorhinostomy (DCR)	33
DCR Testing for Nasolacrimal Patency	35
Ectropion Repair	38
Entropion Repair	39
Enucleation and Evisceration, With or Without Orbital Implant	40
Femtosecond Laser-Assisted Cataract Preparation	42
Glaucoma Filtering Procedures: Canaloplasty, Shunt/Valve Implant and Endoscopic Cyclophotocoagulation	44
Glaucoma Filtering Procedures: Trabeculectomy, Trabeculectomy with Antimetabolites	47
Intravitreal Implants	49
Keratoplasty: DSAEK and DELK	51
Lacrimal Duct Laceration Repair	53
Lacrimal Duct Probing and Irrigation	55
Muscle Surgery	57
Pars Plana Vitrectomy	59
Penetrating Keratoplasty (PK) or Corneal Transplantation	66
Pneumatic Retinopexy	69
Pterygium Excision, With or Without Conjunctival Graft	72
Ptosis Surgery: Levator Resection, Levator Tuck, Frontalis Sling	74
Ruptured Globe: Exploration and Repair	76
Scleral Buckling	79
Secondary Lens Implantation or Lens Exchange	81
Tarsorrhaphy	83
Temporal Artery Biopsy	85
Additional Recommended Reading	87
Organization References	89
Questions for Review	91