Table of Contents

Standards and Outcome 8
Learner Objectives and Notes 8
Providing a Safe Surgical Environment and Sterile Technique 9
Suggested Supplies and Sutures for Operative Procedures 11
General Suture and Needle Properties and Information 15
Suggested Instrumentation for Operative Procedures 16
Preparation for the Surgical Procedure (Preoperative) 19
Presurgical Periocular Scrub 21
Completion of the Surgical Procedure (Postoperative) 25
Operative Procedures
- Amniotic Membrane Transplant 26
- Anterior Vitrectomy 29
- Blepharoplasty 31
- Cataract Extraction 33
- Chalazion Incision and Drainage 37
- Dacryocystorhinostomy (DCR) 39
- DCR Testing for Nasolacrimal Patency 42
- Ectropion Repair 46
- Entropion Repair 48
- Enucleation and Evisceration, With or Without Orbital Implant 50
- Ganciclovir Implant 53
- Glaucoma Filtering Procedures – Canaloplasty and Shunt/Valve Implant 55
- Glaucoma Filtering Procedures – Trabeculectomy 58
- Keratoplasty – Penetrating Keratoplasty/Corneal Transplantation 61
- Keratoplasty – DSAEK and DELK 65
- Lacrimal Duct Laceration Repair 67
- Lacrimal Duct Probing and Irrigation 70
- Muscle Surgery 72
- Pars Plana Vitrectomy 74
- Pneumatic Retinopexy 83
- Pterygium Excision, With or Without Conjunctival Graft 87
- Ptosis Surgery: Levator Resection, Levator Tuck, Frontalis Sling 89
- Ruptured Globe: Exploration and Repair 92
- Scleral Buckling 95
- Secondary Lens Implantation or Lens Exchange 98
- Tarsorrhaphy 100
- Temporal Artery Biopsy 102

Additional Recommended Reading 104
Organization Resources 106