

***SECTION 1: Surgical Techniques***

**1 Scleral Buckle Surgery**

**2 Vitrectomy Surgery**

**3 23-Gauge Vitrectomy Surgery**

**4 25-Gauge Vitrectomy Surgery**

**5 27-Gauge Vitrectomy**

**6 Epiretinal Membrane Surgery**

**7 Intravitreal Injections**

**8 Pneumatic Retinopexy**

**9 Air-Fluid Exchange**

**10 Drainage of Choroidal Hemorrhage, Detachment, or Effusions**

**11 Surgical Vitreous Implants**

**12 Vitreous Biopsy for Endophthalmitis, Uveitis, or Cytology**

**13 Artificial Retina/Retinal Prosthesis Surgery**

***SECTION 2: Disease-Based Surgery***

**14 Macular Hole Surgery**

**15 Surgery for Recurrent, Persistent, or Large Macular Holes**

**16 Proliferative Diabetic Retinopathy and Vitreous Hemorrhage**

**17 Surgical Management of Open-Globe Injuries**

**18 Surgery for Proliferative Vitreoretinopathy**

**19 Surgery for Submacular Hemorrhage**

**20 Laser Surgery for Retinopathy of Prematurity**

**21 Scleral Buckle Surgery for Retinal Detachment Associated With Neonatal**

**Retinopathy of Prematurity**

**22 Vitrectomy Surgery for Retinopathy of Prematurity**

**23 Surgical Biopsy Techniques for Intraocular Tumors**

**24 Management of Dislocated Intraocular Lenses or Aphakia by Scleral or Iris**

**Fixation Techniques**

**25 Surgery for Intraocular Tumors**

***SECTION 3: Technology: Present and Future***

**26 Vitrectomy Technology and Techniques**

**27 Vitrectomy Instrumentation: Scissors, Forceps, Picks**

**28 Vitrectomy Visualization Systems and Techniques**

**29 Robotic Surgery**

***SECTION 4: Investigational Surgery and Techniques***

**30 Subretinal Gene Therapy Delivery**

**31 AU-011 for Choroidal Melanoma**

**32 The Intersection of Retina and Glaucoma**

***Index***