

Test Blueprint

1. Ametropia/Ophthalmic Optics: 17 items (12%)

- A. Spectacle correction of ametropia
 - 1. Patient education on safety factors of eyewear and materials
 - 2. Spectacle lens designs or optical materials recommendations
 - 3. Prismatic correction
 - 4. Troubleshooting issues due to spectacle lens fabrication or frame selection/fit
- B. Myopia management
 - 1. Patient education regarding risk factors and lifestyle options
 - 2. Dual-focus contact lens designs
 - 3. Contact lenses other than dual-focus design
 - 4. Pharmaceutical management
- C. Vision rehabilitation/low vision
 - 1. Collection of specific patient history and demographic data
 - 2. Specific testing to assess visual status and determine management plan
 - 3. Non-surgical treatment (high adds, magnifying devices, lighting, lifestyle changes)
 - 4. Treatment/management techniques used by vision impairment/low vision specialists

2. Contact Lenses 9 items (6%)

- A. Fitting and prescribing soft contact lenses (spherical, toric and multifocal)
- B. Fitting and prescribing rigid, gas permeable (RGP) contact lenses
- C. Fitting and prescribing scleral lenses
- D. Fitting and prescribing for patients with keratoconus or other irregular corneas
- E. Assessment, differential diagnosis and treatment/management of CL-related complications

3. Refractive and Cataract Surgery 12 items (9%)

- A. Managing patients with cataracts
- B. Pre-and/or post-operative care for cataract surgery
- C. Recommend/co-manage specialty IOL implants (toric, multifocal, extended-range-of-focus, accommodative)
- D. Pre-and/or post-operative care for patients undergoing refractive surgery

4. Binocular Vision/Pediatrics/Vision Therapy 13 items (9%)

- A. Patient history and demographic data
- B. Specific testing to assess patient's binocular, accommodative or oculo-motor status and determine a management plan
- C. Non-surgical treatment options (spectacle Rx, near ADD, prism, vision therapy)
- D. Non-surgical treatment of strabismus

- E. Treatment of non-refractive amblyopia
- F. Treatment of refractive amblyopia

5. Anterior Segment 33 items (24%)

- A. Diagnosis and treatment/management of disorders of lids and lashes
- B. Diagnosis and treatment/management of disorders of the lacrimal system/dry eye
- C. Diagnosis and treatment/management of disorders of ocular adnexa
- D. Diagnosis and treatment/management of disorders of orbit
- E. Diagnosis and treatment/management of disorders of cornea
- F. Diagnosis and treatment/management of disorders of conjunctiva
- G. Diagnosis and treatment/management of disorders of uvea
- H. Diagnosis and treatment/management of disorders of episcleral/sclera
- I. Use of topical medications (prescription and OTC)
- J. Interpretation and use of corneal topography
- K. Interpretation and use of pachymetry
- L. Interpretation and use of anterior segment photography
- M. Interpretation and use of corneal and anterior segment imaging
- N. Use of bandage contact lenses
- O. Removal of ocular foreign bodies

6. Posterior Segment 21 items (15%)

- A. Diagnosis and treatment/management of vitreous diseases and disorders
- B. Diagnosis and treatment/management of macular diseases and disorders
- C. Diagnosis and treatment/management of retinal vascular diseases
- D. Treatment and management options for non-vascular chorioretinal diseases
- E. Treatment and management options for peripheral retinal diseases and disorders
- F. Indications for and/or interpretation of fundoscopy with auxiliary lenses
- G. Indications for and/or interpretation of fundoscopy with binocular indirect ophthalmoscopy
- I. Indications for and/or interpretation of fundus photography and wide-field retinal imaging
- J. Indications for and/or interpretation of posterior segment/retinal OCT
- K. Indications for and/or interpretation of OCT angiography (OCT-A)

7. Glaucoma 13 items (9%)

- A. Assessment, differential diagnosis, and management of glaucoma, glaucoma suspects, and ocular hypertension
- B. Use of glaucoma medications, including contraindications/complications
- C. Indications for and/or interpretation of gonioscopy
- D. Indications for and/or interpretation of RNFL/optic nerve OCT
- E. Indications for and/or interpretation of visual fields

8. Neuro-Ophthalmic Disorders 10 items (7%)

- A. Assessment, differential diagnosis, and management of visual pathway disorders
- B. Assessment, differential diagnosis, and management of pupillary disorders
- C. Assessment, differential diagnosis, and management of cranial nerve disorders
- D. Assessment, differential diagnosis, and management of optic nerve disorders (excluding glaucoma)

E. Assessment, differential diagnosis, and management of headaches (including migraines)

9. Systemic Health 12 items (9%)

- A. Patient education regarding preventive health care measures (obesity, smoking cessation)
- B. Coordination of care with other health care providers/specialists of patients with systemic disease
- C. Indications for and interpretation of blood pressure measurement
- D. Managing ocular side effects of systemic medications
- E. Patient education to patients with systemic disease with or without eye-related findings
- F. Indications for and/or interpretation of blood chemistry (CBC, ESR, A1c, etc.)
- G. Use of oral medications (prescription and OTC), including contraindications/complications
- H. Use of nutraceuticals and supplements

