



General Practice Core

❖ **Ametropia/Ophthalmic Optics (9%)**

1. Use of spectacle lenses for correction of ametropia (single vision, bifocals, PALs / advantages and disadvantages of)
2. Dispensing techniques: fitting patients for spectacles
3. Optical materials (e.g., advantages and disadvantages of)
4. Optical lens designs (e.g., advantages and disadvantages of)
5. Patient education on safety factors of eyewear and materials
6. Patient education on lighting/other ergonomic factors

❖ **Contact Lenses (9%)**

1. Use of contact lenses for correction of ametropia (advantages/disadvantages, patient selection criteria)
2. Fitting and prescribing soft spherical contact lenses
3. Fitting and prescribing astigmatic contact lenses
4. Fitting and prescribing multifocal contact lenses
5. Fitting and prescribing rigid, gas permeable contact lenses
6. Assessment, differential diagnosis and treatment/management of CL-related complications

❖ **Refractive Surgery (3%)**

1. Patient selection criteria (indications/contraindications)
2. Pre- and post-operative care

❖ **Binocular Vision/Pediatrics/Vision Therapy (16%)**

1. Treatment and management options for anisometropia
2. Treatment and management options for refractive amblyopia
3. Treatment and management options for non-refractive amblyopia
4. Assessment and differential diagnosis for accommodative disorders
5. Treatment and management options for accommodative disorders
6. Assessment and differential diagnosis for binocular vision disorders
7. Treatment and management options for binocular vision disorders
8. Assessment and differential diagnosis for oculo-motor anomalies (e.g., saccades, pursuits, nystagmus)
9. Treatment and management options for oculo-motor anomalies (e.g., saccades, pursuits, nystagmus)
10. Assessment and differential diagnosis for visual perception disorders
11. Non-surgical treatment and management of strabismus

❖ **Anterior Segment (21%)**

1. Treatment and management options for diseases or disorders of the episclera/sclera
2. Treatment and management options for diseases or disorders of the uvea
3. Treatment and management options for diseases or disorders of the lacrimal system
4. Treatment and management options for diseases or disorders of the lids and/or lashes
5. Treatment and management options for diseases or disorders of the ocular adnexa



6. Treatment and management options for diseases or disorders of the orbit
 7. Treatment and management options for diseases or disorders of the cornea
 8. Treatment and management options for diseases or disorders of the conjunctiva
 9. Indications for and/or interpretation of corneal topography
 10. Indications for and/or interpretation of anterior segment photos
 11. Indications for and/or interpretation of pachymetry
 12. Indications for and/or interpretation of corneal/anterior segment imaging with OCT, UBM Pentacam
 13. Indications for and/or interpretation of tonometry in assessment of anterior segment disease (excludes glaucoma)
 14. Indications for insertion of punctal plugs
 15. Indications for use of bandage contact lens
 16. Indications/contraindications and management of complications of topical medications
 17. Indications/contraindications and management of complications of oral medications
- ❖ **Cataracts/Pre- and Post-operative Care (3%)**
1. Patient selection criteria (indications/contraindications)
 2. Pre- and post-operative care
- ❖ **Posterior Segment (13%)**
1. Treatment and management options for vitreous diseases and disorders
 2. Treatment and management options for macular diseases and disorders
 3. Treatment and management options for retinal vascular diseases
 4. Treatment and management options for non-vascular chorioretinal diseases
 5. Treatment and management options for peripheral retinal diseases and disorders
 6. Indications for and/or interpretation of funduscopy with auxiliary lenses
 7. Indications for and/or interpretation of funduscopy with binocular indirect ophthalmoscopy
 8. Indications for and/or interpretation of scleral depression
 9. Indications for and/or interpretation of retinal imaging
- ❖ **Glaucoma (8%)**
1. Assessment, differential diagnosis, and management for glaucoma, glaucoma suspects, and ocular hypertension
 2. Indications/contraindications and management of complications of glaucoma medications
 3. Indications for and/or interpretation of gonioscopy
 4. Indications for and/or interpretation of imaging for glaucoma and optic nerve disease
 5. Indications for and/or interpretation of tonometry
 6. Indications for and/or interpretation of visual fields
- ❖ **Neuro-Ophthalmic Disorders (9%)**
1. Assessment, differential diagnosis, and management of visual pathway disorders
 2. Indications for and/or interpretation of pupillary testing
 3. Indications for and/or interpretation of optic motility testing
 4. Assessment, differential diagnosis, and management of optic nerve disorders (excluding glaucoma)



5. Indications for and/or interpretation of visual fields
6. Assessment, differential diagnosis, and management of headaches (including migraines)

❖ **Systemic Health (7%)**

1. Patient education regarding preventive health care measures (obesity, smoking cessation)
2. Coordination of care with other health care providers/specialists of patients with systemic disease
3. Indications for and interpretation of blood pressure measurement
4. Managing ocular side effects of medications
5. Patient education to patients with systemic disease with or without eye-related findings