

DNB / MS Ophthalmology Practical Examination Case List

Compiled from previous year practical experience

MADE BY OPHTHAMCQ APP • ophthamcq.com

1. Anterior Segment & Ocular Surface

Corneal Diseases

- Infectious Keratitis (Bacterial, Fungal, and Herpetic presentations)
- Corneal scarring and healed viral lesions
- Refractory and non-healing ulcers
- Peripheral Ulcerative Keratitis (PUK) and Mooren's ulcer
- Corneal ectasias, including Keratoconus and acute hydrops management
- Endothelial and stromal dystrophies (e.g., Fuchs' Dystrophy)
- Pseudophakic Bullous Keratopathy (PBK)
- Iridocorneal Endothelial (ICE) syndrome and iridocorneal dysgenesis
- Ocular Surface Squamous Neoplasia (OSSN)
- Adherent leucoma and general corneal opacities
- Xerophthalmia / Ocular manifestations of Vitamin A deficiency
- Post-keratoplasty evaluation (PKP, DALK, DSEK) including graft failure and therapeutic grafts

Crystalline Lens

- Senile and pre-senile cataracts
- Pediatric and congenital cataracts
- Lens subluxation and dislocation (Ectopia Lentis)
- Posterior Capsule Opacification (PCO)
- Spherophakia

2. Glaucoma & Intraocular Pressure

- Primary Open-Angle Glaucoma (POAG) and advanced glaucomatous cupping
- Angle-closure spectrum (PACG)
- Secondary open-angle variants (Pseudoexfoliation and Pigmentary dispersion)
- Neovascular glaucoma
- Other secondary glaucomatous conditions
- Post-trabeculectomy bleb evaluation

3. Posterior Segment & Inflammation

Retinal & Macular Pathologies

- Retinal vascular occlusions (CRVO, BRVO, CRAO, BRAO)
- Diabetic Retinopathy and Diabetic Macular Edema (DME)
- Hypertensive fundus changes
- Age-Related Macular Degeneration (Neovascular and Non-neovascular)

- Choroidal Neovascular Membranes (CNVM)
- Vitreomacular interface disorders (Epiretinal membranes and Macular holes)
- Central Serous Chorioretinopathy (CSCR)
- Peripheral retinal vascular diseases (Eales' disease, Sickle cell retinopathy)
- Hereditary retinal dystrophies (Retinitis Pigmentosa, Best disease)
- Rhegmatogenous and non-rhegmatogenous retinal detachments
- Vitreous hemorrhage evaluation
- Cystoid Macular Edema (CME)
- Retained lens fragments / Nucleus drop complications

Uveal Tract

- Anterior, intermediate, and posterior uveitis workups
- Panuveitis
- Infectious uveitis syndromes (Toxoplasmosis, CMV retinitis)
- Multifocal choroiditis variants
- Retinal vasculitis
- Endophthalmitis management

4. Oculoplastics, Orbit & Neuro-Ophthalmology

Eyelids & Lacrimal System

- Eyelid malpositions (Entropion, Ectropion, Ptosis)
- Eyelid neoplasms
- Blepharophimosis, Ptosis, and Epicanthus Inversus Syndrome (BPES)
- Acute and chronic dacryocystitis
- Nasolacrimal duct obstructions
- Post-Dacryocystorhinostomy (DCR) assessment

Orbit

- Evaluation of proptosis / exophthalmos
- Thyroid Eye Disease (TED)
- Orbital trauma and blowout fractures
- Orbital and preseptal cellulitis
- Contracted socket and anophthalmic socket management
- Surgical states (Post-evisceration, enucleation, or exenteration)

Neuro-Ophthalmology

- Ocular motor nerve palsies (III, IV, VI, VII)
- Optic nerve pallor and atrophy
- Papilledema and optic disc edema
- Ischemic optic neuropathies (Arteritic and Non-arteritic AION)

5. Strabismus & Systemic Conditions

- Horizontal strabismus (Esotropia and Exotropia)
- Oblique muscle dysfunctions (SO/IO Palsies and Overactions)
- Duane Retraction Syndrome (DRS)
- Monocular elevation deficiency (Double Elevator Palsy)
- Pathological / High Myopia
- Ocular Myasthenia Gravis
- Chemical burns and symblepharon management

This case list is based on previous year DNB/MS Ophthalmology practical examination experience. Prepared by OphthaMCQ — India's trusted postgraduate ophthalmology exam prep platform. © ophthamcq.com