

1. Anatomy & Embryology of eye.
2. Physiology of eye
3. Physiology & Neurology of vision
4. Refraction
5. Diseases of Conjunctiva. - Conjunctivitis - Traucoma
- Degenerative diseaes of conjunctiva.
6. Disease of cornea - Corneal ulcer - Keratitis
- Degenerative changes in cornea
- Surgery of cornea
7. Diseases of Sclers - Scleritis - episcleritis
8. Diseases of uveal tract - Inflammation of uveal tract
- Purulent uveitis & panophthalmitis
- Degenerative chages in uveal track.
9. Lens - Cataract - developmental
- acquired - Traumatic
- Surgery for cataract.
10. Disease of vitreous - Opcities. - Congenital deformities.
11. Giaucoma - Primary - Secondary - Infantile
- Management - Medical - Surgical
12. Disease of Retina - Vascular disorder of retina -CRAO -CRVO
- Retinopathy changes in systemic diseases
- Degeneration of Retina
- New formation in retina -Retinal detachment
- Congenital abnormalities -Management
13. Diseases of optic nerve - Pepilloedema -Optic atrophy
- Inflammation of optic nerve -Topxic amblyopia
14. Symptomatic - Hemienopia -Amblyopia
distrubances of vision - Night blindness -colour blindness
- Malingering
15. Intra ocular tumors
16. Injuries to the eyes - Perforating injuries -Non perforating injury
- Sympathetic ophthalmitis
17. Disorders of the moltility - Anatomy & Physiology of motor mechanism
of eyes - Binocular vision -Strabismus Peralytic
Nystagmus
- Concomitit strabismus
Hetrophoria
Management
18. Diseases of adnexa - Inflammation of lids -Anomalies in position
of eye - Tumors of lid -Congenital abnormalities
- Management
19. Diseases of lacrimal - Dry eye -Decryocystitis
appratus - Management
20. Diseases of orbit - Inflammation - Proptosis - Melignment tumours
21. Ocular menifestatioins of diseases of nervous system
22. Ocular menifestations of systemic diseases
23. Causes & prevention of blindness
24. Eye donations & eye banking
25. Lasers in Ophthalmology