

TOPICS,

recommended for teaching and research work in ophthalmology for 4th year students of the faculty of medicine

1. Blood supply and innervation of the eyeball and eye socket organs.
2. Structure and ultrastructure of the eye drainage system.
3. Research methods of the field of vision and their clinical significance.
4. Methods of biomicroscopic examination of the anterior segment of the eyeball and their clinical application.
5. Gonioscopy.
6. Contact lenses.
7. Scleroplasty as a method of treatment of progressive myopia.
8. Surgical treatment of refractive errors.
9. Plastic surgery for anomalies in the position of the eyelids.
10. Blepharitis.
11. Pathogenesis, clinic and treatment of pterygium.
12. The syndrome of "dry eye".
13. External dacryocystorhinostomy.
14. Viral keratitis.
15. Dystrophic changes of the cornea.
16. Beriberi and the cornea.
17. Keratoplasty, history, types, opportunities.
18. Keratoprosthetics, history, technique, complications.
19. Iridocyclitis and their treatment.
20. Retinal changes in some systemic diseases of the body.
21. Central retinal vein thrombosis.
22. Central involucional retinal dystrophy.
23. Surgical treatment of retinal detachment.
24. History and modern methods of cataract extraction.
25. Aphakia and methods of its correction. Implantation of intraocular lenses.
26. Classification and main pathogenetic links of open-angle glaucoma.
27. Surgical treatment of glaucoma.
28. Methods for studying intraocular pressure.
29. First and specialized care for penetrating eye wounds.
30. Sympathetic inflammation.
31. Surgery of paralytic strabismus.