1. Anatomical characteristics of the lens

2. Lens function

3. Optical properties of lenses

4. Accommodation

5. Biochemical composition of the lens

6. Change of biochemical parameters in the lens during straining

7. Cataract-definition, subclinical picture of cataract

8. Evolutionary stages of cataract

9. Clinical picture and complication of swollen cataract

10. Clinical picture and complications of premature cataract

11. Traumatic cataract

12. Cataract caused by different types of radiation

13. Complicated cataracts

14. Pathological cataracts

15. Secondary cataract

16. Congenital cataract

17. Anomalies of the shape and size of the lens

18. Lens position anomalies

19. Cataract surgery

20. Advantages of cataract surgery using the phacoemulsification method

21. Complications of cataract surgery using the phacoemulsification method

22. Anatomical characteristics and role of the vitreous body

23. Ablation of the vitreous body

24. Changes in the vitreous body in myopia

25. Semiology of changes in the vitreous body