

# Questions from Ophthalmology

*(oral exam)*

For 4th Year DM students

1. Examination of the eye (history, symptoms) and basic objective examination methods in ophthalmology (autorefractometry, tonometry, biomicroscopy, ophthalmoscopy, gonioscopy, pachymetry)
2. Differential diagnosis of „red eye“
3. Visual acuity examination, errors of refraction (myopia, hypermetropia, astigmatism, presbyopia)
4. Inflammation of the orbit (orbital cellulitis), endocrine exophthalmos
5. Diseases of the eyelids (entropion, ectropion, ptosis, lagophthalmos, blepharospasm)
6. Inflammations of the eyelids (blepharitis, hordeolum, chalazion)
7. Conjunctival degenerations (pinguecula, pterygium, pseudopterygium, symblepharon)
8. Conjunctivitis (bacterial, viral, non-infectious)
9. Episcleritis, scleritis
10. Keratitis (bacterial, viral, fungal, corneal ulcer, interstitial)
11. Keratoconus
12. Uveitis (etiology, signs, diagnostics, treatment)
13. Glaucoma (open-angle g., angle-closure g., secondary g. and treatment: medical, laser, surgical)
14. Cataract and microsurgery treatment of the cataract
15. CRAO (central retinal artery occlusion) and CRVO (central retinal vein occlusion)
16. Diabetic retinopathy and hypertensive retinopathy
17. Retinal detachment
18. Age related macular degenerations
19. Optic neuritis (papillitis, retrobulbar neuritis)
20. Injuries of the eye (closed globe injury- superficial foreign body, contusion, open globe injury- penetrating, perforating injury and blow-out fracture)