OPHTHALMOLOGY

CONTENT

basic features of embryology, anatomy and physiology of the eye and adnexa, physiology and pathology of conjunctiva, lids and lacrimal system
basic features of ocular optics, basic features of ocular examination
diseases of cornea: physiology of transparency, inflammation and degeneratives changes, corneal transplantation
diseases of lens: especially cataract and its operation
diseases of the uvea: inflammation and tumors
diseases of the retina: retinal detachment, tumors, diabetic retinopathy, vascular diseases, age related macular degeneration
glaucoma: open angle, narrow angle, secondary glaucoma, diagnosis and therapy
the eye in general disease
diseases of the optic disc and the optic nerv: vascular diseases, inflammation
diseases of the visual pathway, visual field changes
neuroophthalmology, ocular motility and strabism

diseases of the orbit: inflammation, tumors
ocular trauma: contusion, perforation

PRESENTATION

Untersuchungskurs: 4 hours
Interdisziplinäre Vorlesung Teil 1: 8 hours
Interdisziplinäre Vorlesung Teil 3: 5 hours
Vorlesung: 28 hours
Praktikumstag: 10 hours

EXAM

Written exam

LOCATION
Universitäts-Augenklinik