

№	krok 2017
Topic	Diseases of cornea
Task	A worker of a glass-blowing workshop complains of headache, irritability, visual impairment - he sees everything as if through a "net". Objectively: hyperemic sclera, thickened cornea, decreased opacity of pupils, visual acuity is 0,8 in the left eye, 0,7 in the right eye. The worker uses no means of personal protection. What is the most likely diagnosis?
Correct answer	Keratitis
B	Cataract
C	Conjunctivitis
D	Blepharospasm
E	Progressive myopia
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№	krok 2016
Topic	Diseases of conjunctive
Task	A 32-year-old patient complains of reddening, burning, and sensation of a foreign body in the right eye. The disease is acute. On examination: visual acuity of the both eyes is 1,0. In the right eye there are hyperemy and swelling of the conjunctiva, superficial injection. There is purulent discharge in the conjunctival sac. The cornea is clear. The color and pattern of the iris are unchanged, the pupil is mobile. What diagnosis is most likely?
Correct answer	Acute conjunctivitis
B	Acute iridocyclitis
C	Acute attack of glaucoma
D	Foreign body of the cornea
E	Acute dacryocystitis

№	krok 2015, 2009
Topic	Damage to the organ of vision. First aid.
Task	A 10-year-old boy complains of pain in his left eye and strong photophobia after he has injured his left eye with a pencil at school. Left eye examination revealed: blepharospasm, ciliary and conjunctival congestion, cornea is transparent, other parts of eyeball have no changes. Visus 0,9. Right eye is healthy, Visus 1,0. What additional method would you choose first of all?
Correct answer	X-ray examination of orbit
B	Staining test with 1% fluorescein
C	Tonometria
D	Gonioscopia
E	Cornea sensation-test
№	krok 2014
Topic	Diseases of conjunctive
Task	A 55-year-old patient complains of severe itching, burning and pain in the eyes, skin redness in the outer corners of the palpebral fissure. Objectively: skin around the outer corners of the palpebral fissure is macerated, eczematous, there are single moist cracks. Palpebral conjunctiva is hyperemic, quaggy. There are minor discharges in form of stringing mucus. What is the most likely diagnosis?
Correct answer	Chronic angular conjunctivitis
B	Acute conjunctivitis
C	Sty
D	Blepharitis
E	Atopic eyelid dermatitis
№	krok 2013, 2012
Topic	Diseases of Lens
Task	A patient complains of impaired far vision. Previously his eyes often turned red and hurt. Objectively: the eyes are not irritated, the cornea is transparent, anterior chambers are median deep, their liquid is transparent. The iris of the right eye has not changed in colour, its pattern is unchanged. The pupil is of irregular shape, scalloped. Biomicroscopy of the crystalline lens reveals the areas of opacity and vacuoles. Make a diagnosis:
Correct answer	Complicated cataract of the right eye
B	Senile cataract of the right eye
C	Diabetic cataract of the right eye
D	Tetanic cataract of the right eye
E	Radiation cataract of the right eye

№	krok 2012
Topic	Diseases of Lens
Task	A 65-year-old patient complains of gradual worsening of the left eye vision during 10 months. On physical examination: acuity of vision of the left eye is 0,01, not correctable. The eye is quiet, pupil of the eye is grayish, reflex from the eyeground is absent. Intraocular pressure is 18 mm/Hg. What is the most probable preliminary diagnosis?
Correct answer	Senile cataract
B	Open-angle glaucoma
C	Disorder of blood circulation in retina vessels
D	Leukoma of the cornea
E	Exfoliation of the retina
№	krok 2011
Topic	GRADUAL AND SUDDEN LOSS OF VISION. DISEASE OF THE RETINA AND OPTIC NERVE. CHANGES IN THE ORGAN OF VISION IN GENERAL DISEASES.
Task	After contusion of the right eye a patient complains of sudden loss of vision with remaining light perception. Objectively: the eye is not irritated. The cornea is transparent. Pupil reacts to light. The pupil area is black. The fundus reflex is absent. What is the most likely cause of vision loss?
Correct answer	Hemophthalmia
B	Retinal detachment
C	Traumatic cataract
D	Acute occlusion of retinal vessels
E	Optic nerve avulsion
№	krok 2011, 2010
Topic	Diseases of choroid
Task	A 40-year-old female patient has a history of rheumatism. She complains about acute pain in her left eye, especially at night, vision impairment, photophobia, lacrimation. The patient cannot suggest any reasons for the disease. Objectively: weak pericorneal injection, flattening of iris relief, iris discoloration. What is the most likely diagnosis?
Correct answer	Iridocyclitis
B	Iritis
C	Keratitis
D	Choroiditis
E	Acute attack of glaucoma

№	krok 2009
Topic	Glaucoma. Methods of examination of iop.
Task	A 72 year old female patient has been treated for urolithiasis in the urological department. After atropine injection she got acute pain in her left eye and abrupt vision impairment. Objectively: visual acuity of the left eye is 0,01, the eye is dense but painful on palpation, cornea is opaque, there is cyanotic induration of eyeball vessels. What is the most probable diagnosis?
Correct answer	Acute attack of primary glaucoma of the left eye
B	Acute iridocyclitis of the left eye
C	Secondary glaucoma of the left eye
D	Acute keratitis of the left eye
E	Degeneration of the left eye cornea
№	krok 2008
Topic	GRADUAL AND SUDDEN LOSS OF VISION. DISEASE OF THE RETINA AND OPTIC NERVE. CHANGES IN THE ORGAN OF VISION IN GENERAL DISEASES.
Task	A 57 year old patient abruptly lost the sight of one eye. Examination revealed that his sight made up 0,02 excentrically, eye fundus has haemorrhages of different forms and sizes ("squashed tomato"symptom). Disc of optic nerve is hyperemic. In anamnesis general vascular pathology is recorded. Direct-acting anti-coagulants were administered. What is the most probable diagnosis?
Correct answer	Thrombosis of central vein of retina
B	Hypertensive angiopathy
C	Hypertensive angioneuropathy
D	Embolism of central artery of retina
E	Diabetic retinopathy
№	krok 2018-2019
Topic	Diseases of choroid
Task	A 40-year-old man with Bekhterev disease (ankylosing spondylitis) complains of elevated body temperature up to 37.8°C, back pain and stiffness, especially observed during the second half of the night. This condition has been lasting for 2 years. Objectively: reduced spinal mobility, painful sacroiliac joint, erythrocyte sedimentation rate – 45 mm/hour. X-ray shows narrowing of the intervertebral disc space and of the sacroiliac joint. What eye pathology is often associated with this type of disease progression?
Correct answer	Iridocyclitis
B	Retinal detachment
C	Cataract
D	Optic nerve atrophy

E	Blepharitis
№	krok 2018-2019
Topic	Glaucoma. Methods of examination of iop.
Task	A 59-year-old man complains of pain in his left eye and left side of his head, significant vision impairment of the left eye, nausea, and vomiting. Visual acuity of the right eye is 1.0. Visual acuity of the left eye is 0.03, attempts at correction bring no improvement. Right eye intraocular pressure - 21 mm Hg, left eye intraocular pressure - 65 mm Hg. Congestive injection is observed on the sclera of the left eye. The cornea is thick and swollen. The anterior chamber is shallow, moist, and clear / the aqueous humor is transparent/ . The pupil is dilated and unresponsive to the light, the fundus of the eye is not visible. What is the most likely diagnosis?
Correct answer	Acute attack of glaucoma of the left eye
B	Acute iridocyclitis of the left eye
C	Stage II intraocular tumor of the left eye
D	Endophthalmitis of the left eye
E	Panophthalmitis of the left eye
№	krok 2020
Topic	Glaucoma. Methods of examination of iop.
Task	A 54-year-old woman complains of a fogged vision in her right eye, rainbow circles in her vision, headache and nausea. Within the last month she twice experienced a similar condition, but back then all the signs eventually disappeared and her sight was restored. Currently, all the signs have been persisting for over 2 days. Objectively, the patient has eyelid edema, congestive injection of the eyeball, corneal opacity, shallow anterior chamber of the eye and dilated pupil that is unresponsive to the light. Her intraocular pressure is 48 mm Hg. Make the diagnosis:
Correct answer	Acute attack of glaucoma
B	Cyclitis
C	Iridocyclitis
D	Keratitis
E	Iritis