

№ 1	Krok 2023
Topic	Maxillofacial Orthopedics
Task text	A 53-year-old patient has been diagnosed with a non-displaced mandibular fracture in the frontal region. Objectively, there are fixed orthopedic appliances on the upper jaw, the lateral group of teeth is missing on the both sides of the lower jaw, the teeth located from canine to canine are intact. What splint should be chosen for the treatment in this clinical case?
Correct answer	Vankevich splint
B	Port splint
C	Limberg splint
D	Ivy ligature binding
E	Vasilyev splint
№ 2	Krok 2023
Topic	Removable prosthetics
Task text	A patient complains of burning in the area of the hard palate mucosa when using a partial removable laminar denture made one week ago. The following diagnosis has been made: allergic contact stomatitis. Determine the treatment tactics, if it is known that there are no conditions for making an arch denture and the patient is using a removable denture for the first time.
Correct answer	Make a new removable denture with a metal base
B	Apply the previously made denture again with frequent rinsing with water and taking hyposensitizing agents
C	Boil the previously made denture in distilled water for 10 minutes
D	Make a new denture, adding a smaller amount of polymer to the plastic dough

E	Make a new denture, adding a smaller amount of monomer to the plastic dough
№ 3	Krok 2023
Topic	Removable prosthetics
Task text	<p>A bugel (clasp) denture is to be made for the upper jaw of a 54-year-old man. The working impression has been obtained with a silicone impression material, while the auxiliary impression has been made With an alginate material.</p> <p>How many casts are necessary to make one bugel denture?</p>
Correct answer	Two working casts and one auxiliary cast
B	One working cast and one auxiliary cast
C	One working cast
D	Two working casts and two auxiliary casts
E	One working cast and two auxiliary casts
№ 4	Krok 2023
Topic	Fixed prosthetics
Task text	<p>A dentist made a porcelain-fused-to-metal crown for tooth 11 of a 34-year-old patient. The tooth was prepared in compliance with all the requirements. At what stage of crown-making was gum retraction performed?</p>
Correct answer	Before obtaining the impression
B	Before fitting the frame
C	After obtaining the impression
D	After fitting the frame
E	After the crown fixation
№ 5	Krok 2023
Topic	Removable prosthetics

Task text	A 48-year-old man complains of a burning sensation in his mouth that occurs when he wears a removable partial laminar denture for the lower jaw that was made for him 2 weeks ago. Objectively, he has hypersalivation, his oral mucosa is hypcremic and edematous. Previously, the patient had been using a removable partial laminar denture, made for him 4 years ago, and he had no such complaints. What is the most likely cause of the complication in this case?
Correct answer	Residual monomer remaining in the denture base
B	Poor quality of the denture base plastic
C	Allergy to the components of the denture base plastic
D	Poor oral hygiene
E	Incorrect usage of the denture
№ 6	Krok 2023
Topic	Removable prosthetics
Task text	What is used to transfer to the articulator the data about the position of the upper jaw in relation to the hinge axis of the temporomandibular joint?
Correct answer	Facebow
B	Bite blocks
C	Occluder
D	Parallelometer
E	Auxiliary impressions
№ 7	Krok 2023
Topic	Removable prosthetics

Task text	A 67-year-old man came to the orthopedic dentistry clinic to have dentures made for him. Examination detects a marked atrophy of his maxillary alveolar process. What type of atrophic edentulous maxilla is observed in this patient?
Correct answer	Schroeder type 3
B	Schroeder type 1
C	Schroeder type 2
D	Oxman type 1
E	Oxman type 2
№ 8	Krok 2023
Topic	Removable prosthetics
Task text	A removable partial laminar denture for the upper jaw is being made for a patient. The central occlusion was determined and fixed. What clinical stage is next?
Correct answer	Wax try-in of the denture in the oral cavity
B	Fixation of the finished denture in the oral cavity
C	Arrangement of artificial teeth
D	Replacing wax with plastic
E	Determining the edges of the denture base
№ 9	Krok 2023
Topic	Removable prosthetics

Task text	Three days ago a complete removable laminar denture was fixed to the upper jaw of a 57-year-old patient. The patient complains of a sharp pain in the mucogingival junction on the left. The pain intensifies during masticatory movements. Objectively, in the area of missing teeth 25, 26, and 27, the mucosa of the mucogingival junction is hyperemic and painful when touched. What will be the doctor's tactics in this case?
Correct answer	Correction of the denture base edge in the hyperemic area
B	Make a new partial removable laminar denture
C	Rebasing of the removable denture using an indirect method
D	Articulation correction of the masticatory surface of artificial teeth
E	Rebasing of the removable denture using a direct method
№ 10	Krok 2023
Topic	Maxillofacial Orthopedics
Task text	A 32-year-old woman complains of periodic dislocations of her lower jaw. Objectively, she has a direct occlusion, the continuity of her dentition is intact. When she opens her mouth, a clicking can be felt in the temporomandibular joint. What appliance should be used in this case to prevent a habitual dislocation?
Correct answer	Petrosov appliance
B	Oxman appliance
C	Darcissac appliance
D	Limberg appliance
E	Katz appliance
№ 11	Krok 2023
Topic	Removable prosthetics

Task text	A clasp (bugel) denture with clammer fixation is being made for a partially edentulous patient (Kennedy class I). Impressions were obtained, casts were made, and the centric relation of the jaws was determined and fixed. What laboratory stage of the denture-making is the next one?
Correct answer	Studying the working cast in a parallelometer
B	Obtaining a refractory cast
C	Duplication of the cast
D	Installation of the gating system
E	Marking the denture frame
№ 12	Krok 2023
Topic	Removable prosthetics
Task text	A 67-year-old patient complains of being unable to use complete removable laminar dentures for the upper and lower jaw. The dentures were made 2 months ago. Objectively, the patient presents with smoothed-out nasolabial folds and mental crease, teeth chattering can be heard during a conversation test, there is no gap between the teeth in the state of physiological rest. At what stage of denture-making did a mistake occur?
Correct answer	Determining the central occlusion
B	Obtaining functional impressions
C	Wax try-in of the dentures
D	Installing artificial teeth into the dentures
E	Installing the dentures
№ 13	Krok 2023
Topic	Microprosthetics

Task text	The vestibular surfaces of the upper incisors of a 25-year-old man are affected by fluorosis that manifests as spots with marble-like appearance. What aesthetic design should be proposed for this patient?
Correct answer	Dental veneers
B	Porcelain crowns
C	Porcelain crowns attached to implants
D	Porcelain-fused-to-metal crowns
E	Plastic crowns
№ 14	Krok 2023
Topic	Removable prosthetics
Task text	At the clinical stage of trying-in the frame of the bugel (clasp) denture in the oral cavity, an uneven gap that reaches 0.8 cm was detected between its arch and the mucosa of the hard palate and alveolar process. What method can be used to correct this defect?
Correct answer	Make a new frame for the bugel (clasp) denture
B	Shape the frame with a hammer and anvil
C	Shape the frame with crampon forceps
D	Heat the metal again and shape it by pressing it to the model
E	This defect does not require correction
№ 15	Krok 2023
Topic	Maxillofacial Orthopedics
Task text	A 45-year-old man has been diagnosed with a non-displaced median mandibular fracture. For the treatment of the fracture, a smooth splint-bracket is indicated. To what group of maxillofacial appliances does it belong?

Correct answer	Fixation appliances
B	Combined appliances
C	Formation appliances
D	Substitution appliances
E	Repositioning appliances
№ 16	Krok 2023
Topic	Fixed prosthetics
Task text	A porcelain-fused-to-metal dental bridge is being made for a 51-year-old woman. Vital teeth 33, 36, and 37 will function as the abutment teeth. The teeth preparation is planned to be done under anesthesia. What type of anesthesia would be most effective in this case?
Correct answer	Conduction anesthesia (torus)
B	Infiltration anesthesia
C	Intraligamentary anesthesia
D	Conduction anesthesia (tuberosity and palatal)
E	Topical anesthesia
№ 17	Krok 2023
Topic	Fixed prosthetics
Task text	27-year-old woman needs a denture. Objectively, her tooth 15 is missing, while teeth 14 and 16 are intact. What denture would be optimal in this case?
Correct answer	Adhesive dental bridge
B	Partial removable laminar denture
C	Porcelain-fused-to-metal dental bridge
D	Clasp (bar) denture
E	Swaged dental bridge



№ 18	Krok 2023
Topic	Removable prosthetics
Task text	When pressing plastic dough, the dental technician opened and closed the cuvette several times to control the amount of the added mass. What can develop as a result of such actions?
Correct answer	Granular porosity
B	Cracks in plastic
C	Residual stresses within the denture
D	Porosity caused by compression
E	Gas porosity
№ 19	Krok 2023
Topic	Diseases of parodontal tissues
Task text	A 45-year-old man came to a dentist with complaints of teeth mobility. Objectively, all his teeth are intact, the front lower teeth have the 1 degree of mobility. The man was diagnosed with chronic generalized parodontitis, II degree. As a part of the treatment, the doctor splinted the front group of the patient's teeth with a removable splint. In this case, the splint should reach the following teeth:
Correct answer	Premolars
B	Canines
C	Second molars
D	First molars
E	Lateral incisors
№ 20	Krok 2023
Topic	Removable prosthetics

Task text	A 35-year-old man complains of missing teeth on his lower jaw. Objectively, teeth 36, 37, and 38 are missing. Other teeth on the lower jaw are intact. What type of dentition restoration would be optimal in this case?
Correct answer	Clasp (bugel) denture with a continuous clasp (clammer) for the lower jaw
B	Removable partial laminar denture for the lower jaw
C	Porcelain-fused-to-metal cantilever denture with abutment crowns on teeth 34 and 35
D	Adhesive dental bridge
E	E. Porcelain-fused-to-metal crowns with abutment implants in place of teeth 36 and 37
№ 21	Krok 2023
Topic	Fixed prosthetics
Task text	A 38-year-old woman came to a dentist to have a denture made for her. It is planned to make a porcelain-fused-to-metal crown for her tooth 24. To what thickness should its occlusal surface be filed down?
Correct answer	1-1,4 mm
B	1.5-2 mm
C	0.25-0.3 mm
D	0.5-0.9 mm
E	2.1-2.5 mm
№ 22	Krok 2023
Topic	Removable prosthetics

Task text	A 75-year-old man complains of poor fixation of his full removable denture for the lower jaw and food particles accumulating under the denture base. The lower third of his face is shortened. The alveolar processes are markedly atrophied. What anatomical structure of the lower jaw can be used for improvement of full removable denture fixation?
Correct answer	Mylohyoid ridge
B	Internal oblique line
C	Retroalveolar space
D	Vestibule of the oral cavity
E	Mucogingival fold
№ 23	Krok 2023
Topic	Fixed prosthetics
Task text	A 51-year-old man complains of mobility of his porcelain-fused-to-metal dental bridge with 43 and 47 as abutment teeth. He has been using this denture for 9 months. X-ray shows atrophy of the alveolar process in the area of tooth 43 to 1/2 of its root length and in the area of tooth 47 to 2/3 of its root length. Examination of the oral cavity detects mobility of the abutment teeth and periodontal pockets in this area, as well as symptomatic gingivitis. What is the cause of the pathological mobility of the abutment teeth?
Correct answer	Functional overload of the abutment teeth
B	Injury of the circular tooth ligament by the edges of the crowns
C	Modeling of a lingual bar in the paracervical area
D	Depulpation of the abutment teeth
E	Massive filing down of hard tissues of the abutment teeth

№ 24	Krok 2023
Topic	Diseases of parodontal tissues
Task text	<p>A 52-year-old man came to a dentist with complaints of mobility of his lower front teeth. Objectively, his lower incisors are intact and have the first degree mobility, the canines and lateral teeth are stable. Orthopantomography shows resorption of the interalveolar septa in the area of the incisors to 1/4 of their height. Between the front teeth, the patient has a diastema and tremata up to 1 mm in width. Temporary splinting is planned. What splint is indicated in this case?</p>
Correct answer	Fiberglass splint
B	Splint made of semi-crowns
C	Intradental splint
D	Splint made of plastic crowns
E	Cap splint
№ 25	Krok 2023
Topic	Fixed prosthetics
Task text	<p>A porcelain-fused-to-metal crown for tooth 11 is being made for the patient. The tooth will be left vital. What measures should be taken during the treatment to prevent development of pulpitis in this tooth?</p>
Correct answer	Make a temporary crown
B	Prescribe calcium-containing preparations
C	Physical therapy
D	Prescribe anti-inflammatory preparations
E	Prescribe fluorine-containing preparations
№ 26	Krok 2023

Topic	Fixed prosthetics
Task text	During the fitting of the frame of a porcelain-fused-to-metal dental bridge, the frame is in contact with the antagonist teeth in the central occlusion, reaches the ledges on the abutment teeth, and is 0.3 mm thick. What would be the dentist's tactics in this case?
Correct answer	Finish preparation of the abutment teeth, obtain the working impression
B	Obtain an impression with the frame installed
C	Pass on the frame to the next laboratory stage
D	File down the metal frame in the areas of contact with antagonist teeth
E	Identify the areas that cause problems during the installation of the dental bridge
№ 27	Krok 2023
Topic	Fixed prosthetics
Task text	At a clinic of orthopedic dentistry, at the stage of try-in of the metal frame of a porcelain-fused-to-metal dental bridge, a dentist uses a micrometer to determine the thickness of the metal cap made of cobalt-chromium alloy. What should be the minimum thickness of the cobalt-chromium metal cap to make an abutment porcelain-fused-to-metal crown?
Correct answer	0,3
B	0,5
C	0,4
D	0,6
E	0,1

№ 28	Krok 2023
Topic	Fixed prosthetics
Task text	A dentist prepares to receive a patient. The dental unit has no modern equipment for handpiece disinfection. The design of the handpiece does not allow for its autoclaving. Specify the algorithm for the handpiece disinfection in this case.
Correct answer	One treatment with 70% alcohol or Bacillol AF
B	Two treatments with 70% alcohol or Bacillol AF with an interval of 15 minutes between them
C	Two treatments with 6% hydrogen peroxide and 70% alcohol with an interval of 15 minutes between them
D	Two treatments with 70% alcohol or Bacillol AF with an interval of 5 minutes between them
E	Two treatments with 6% hydrogen peroxide with an interval of 15 minutes between them
№ 29	Krok 2023
Topic	Maxillofacial Orthopedics
Task text	A 50-year-old man came to a dentist with complaints of the mobility of his lower teeth. Objectively, the dentition is intact, the necks of the teeth are exposed, the crowns are tall, the teeth have mobility of the first degree. What splint would be optimal in this clinical case?
Correct answer	Mamllok splint
B	Splint made of equator crowns
C	Elbrecht splint
D	Splint made of full crowns
E	Cap splint

№ 30	Krok 2023
Topic	Fixed prosthetics
Task text	A porcelain-fused-to-metal crown is being made for tooth 24 of a 32-year-old patient. At the stage of fitting the crown, its placement on the tooth stump turned out to be difficult due to an excess of porcelain and metal mass on the surfaces that are in contact with the adjacent teeth. What can be used to detect the areas with an excess of the porcelain mass?
Correct answer	Copy paper
B	Chemical pencil
C	Basic wax
D	Corrective impression material

E

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№	krok 2017
Topic	examination of patients
Task	A 27-year-old man complains of teeth mobility in his upper and lower jaws. Objectively: dentition is intact. Central occlusion is determined. What examination methods should be applied?
Correct answer	Analysis of diagnostic models of the jaws
B	Gnathodynamometry
C	Masticatiography
D	X-ray
E	Electromyography
№	krok 2017
Topic	artificial crowns

Task	47-year-old man complains of mobility of the artificial crown on the 36 tooth, which was made 2 years ago. Objectively: the 36 tooth is covered with full metal swaged crown. Crown decementation and dentin demineralization are observed. What is the cause of such complication?
Correct answer	The crown is loose at the tooth cervix
B	The crown edge is embedded into the gingival pocket
C	There are interdental contacts
D	The crown contacts with antagonistic teeth
E	Useful life of the crown is exceeded
№	krok 2017
Topic	occlusion
Task	A 19-year-old woman, an actress, complains of discoloration of her left maxillary central incisor. One year ago the pulp of this tooth was removed and the tooth was filled. Gradually the tooth assumed grayish color. Objectively the 11 is filled, discolored, stable, painless on percussion. Deep occlusion is observed. What part of the clinical presentation contraindicates installation of an all-porcelain crown?
Correct answer	Deep occlusion
B	Front teeth defects that cannot be corrected with fillings
C	Enamel hypoplasia with tooth deformation and discoloration
D	Tooth discoloration
E	Devitalized teeth defects that cannot be corrected with dental inlays



№	krok 2017
Topic	Materials Science
Task	A 18-year-old woman needs a denture. Objectively: the 21 tooth is dark gray in color, devitalized; orthognathic occlusion is observed. The tooth is to be covered with plastic crown. What plastic should be used to make the crown?
Correct answer	Sinma-M
B	Phtorax
C	Protacryl-M
D	Bacryl
E	Etacryl
№	krok 2017, 2015
Topic	artificial crowns
Task	For a 24-year-old woman a Richmond crown is being made to restore the crown of the central maxillar incisor. The cap is completed. What is the next step?
Correct answer	To fit the cap on the tooth stump and place the post in the root canal
B	To solder the post with the cap
C	To fit the cap and the post to the tooth root
D	To make the combination dental crown
E	To fixate the tooth with cement
№	krok 2017
Topic	removable partial dentures

Task	A 47-year-old patient presents with rounded bone protrusions 0,7-0,8 cm in size on the inner surface of the edentulous mandible in the premolar area. The denture for this patient should have:
Correct answer	Elastic liner
B	Kemeny clasps
C	Metal base
D	Orifices for the exostoses
E	Dentogingival clasps
№	krok 2017, 2016, 2013
Topic	complete removable dentures
Task	A 78-year-old patient is completely edentulous. He has been wearing dentures for 19 years. The patient complains of poor fixation of the upper denture. Objectively: the lower third of face is shortened, the alveolar processes of both jaws are markedly atrophied, the palate is flat. Mucous membrane in the denture-supporting area is atrophied. How often should the dentures be remodelled or restored?
Correct answer	Every 3-4 years
B	Every 6 months
C	Once a year
D	Every 7 years
E	Every 10-12 years
№	krok 2017, 2016, 2015
Topic	examination of patients

Task	When a prosthodontist was preparing the patient's tooth, the patient had epileptic seizure that was subsequently terminated. What mistake had been made by the doctor?
Correct answer	No inquire into the patient anamnesis
B	No inquire into the antecedent anamnesis
C	No anaesthesia
D	Crude preparation
E	Did not decline the appointment
№	krok 2017
Topic	dental splints
Task	The 40-year-old woman complains of inability to properly masticate due to the loss of the following lateral teeth: 18, 16, 15, 25, 26, 28, 38, 35, 36, 44-46, and 48. The rest of her teeth present with the I-II degree of mobility. Generalized periodontitis is observed. What denture construction would be optimal in this case?
Correct answer	Removable dental splint
B	Clasp-retained (bugel) removable partial denture
C	Removable laminar denture
D	Fixed dental bridge
E	Metal-based denture
№	krok 2017
Topic	removable partial dentures

Task	A 55-year-old patient requires a denture. Objectively: Kennedy's I class dentition defect; the 16, 17, 18, 26, 27, and 28 teeth are missing. The patient presents with fixed occlusion. The 15 and 25 teeth have low crowns with poor anatomic contours, intact. Clasp-retained (bugel) removable partial denture is being made for the patient. What fixation system would be optimal in this case?
Correct answer	Telescopic fixation
B	Attachments
C	Roach clasp (clammer)
D	Aker-Roach combined clasp (clammer)
E	Continuous clasp (clammer)
№	krok 2017
Topic	removable partial dentures
Task	A patient needs a clasp-retained (bugel) removable partial denture. It is planned to study the jaw model by means of a parallelometer in order to determine the required depth of the undercuts on the abutment teeth. Specify the length of the measuring rods used for this purpose:
Correct answer	0,25 0,50 0,75
B	0,15 0,40 0,65
C	0,20 0,45 0,70
D	0,30 0,55 0,80
E	0,35 0,60 0,85
№	krok 2017, 2016
Topic	removable partial dentures

Task	In a prostodontic clinic a partial laminar denture for the upper jaw is being made for a 53-year-old patient. Objectively: dental formula is 14, 13, 12, 11, 21, 22, 23, 24, 27. The teeth are firm, clinical crowns are tall with pronounced equator. X-ray shows no periapical changes in the periodontium of the abutment teeth. What clasp fixation is optimal for this patient?
Correct answer	Planar
B	Sagittal
C	Diagonal
D	Transversal
E	Point
№	krok 2017
Topic	bridge prothesis
Task	A 20-year-old man complains of missing tooth on the upper right jaw, aesthetic defect. Objectively: the 12 tooth is absent, adjacent teeth are intact, firm, with distinct anatomical shape and tall crowns. Direct occlusion is observed. During the interview the patient was found out to have congenital heart disease. What denture construction would be optimal in this case?
Correct answer	Adhesive dental bridge
B	Plastic dental bridge
C	Porcelain-fused-to-metal dental bridge with 14 and 13 abutment teeth
D	Plastic-fused-to-metal dental bridge
E	Soldered dental bridge

№	krok 2017
Topic	removable partial dentures
Task	A cast clasp-retained (bugel) removable partial denture is being made for a 58-year-old patient. Impressions are made, centric jaw relation is determined, plaster casts are obtained. What is the next stage?
Correct answer	Examination of the working model with a parallelometer
B	Transfer of denture frame pattern to the working model
C	Wax modelling of the denture frame
D	Duplication of the working model
E	Marking the border seal
№	krok 2017
Topic	removable partial dentures
Task	What denture constructions should be chosen in the cases of multiple adentia during the initial period of occlusion change?
Correct answer	Removable partial denture
B	Dental bridge
C	Clasp-retained (bugel) removable partial denture
D	No denture is necessary
E	Removable complete denture
№	krok 2017
Topic	dental splints

Task	A 62-year-old patient came to a dental clinic with complaints of facial swelling, pain in the lower left jaw, and numb lower lip. On clinical examination he was diagnosed with fracture of the body of mandible on the left, edentulous jaws, microstomia. Choose the optimal construction:
Correct answer	Limberg's dental splint
B	Weber's dental splint
C	Guning-Port's dental splint
D	Elbrecht's dental splint
E	Vankevych dental splint
№	krok 2017
Topic	maxillofacial prostodontics
Task	A 48-year-old patient came to a dentist after the maxillectomy on one side conducted 3 days ago. Remaining teeth are firm. Treatment plan foresees making an Oxman's denture for the patient. What part of the denture should be produced first?
Correct answer	Fixating
B	Obturating
C	Resection
D	Forming
E	Substituting
№	krok 2017
Topic	maxillofacial prostodontics

Task	A 30-year-old man complains of pain in his front lower teeth, which he attributes to a trauma to the mental region. Objectively: continuous dentition, orthognathic occlusion. X-ray shows a median mandibular fracture. What dental splint would be optimal?
Correct answer	Flat occlusal splint
B	Soldered splint on rings
C	Cap splint
D	Weber's splint
E	Plastic mouthguard
№	krok 2017
Topic	microprothesis
Task	A 27-year-old woman complains of recurrent loss of a tooth filling in the lower right jaw. Objectively: in the 46 tooth on the masticatory approximal surface there is a defect of hard tooth tissues affecting 1/3 of the tooth crown, no tooth discoloration; positive, quickly abating reaction to cold stimulus is observed. What denture construction would be optimal in this case?
Correct answer	Dental inlay
B	Combined crown
C	Porcelain-fused-to-metal crown
D	Plastic crown
E	Partial crown
№	krok 2017, 2015



Topic	maxillofacial prostodontics
Task	A 56-year-old patient suffering from exacerbation of schizophrenia has been hospitalised in an oral in-patient department with a diagnosis of the lower jaw displaced fracture in the area of the 34-35 teeth. What method of treatment should be prescribed?
Correct answer	Osteosynthesis
B	One arch flat occlusal splint
C	Dual splint
D	Weber's dental splint
E	Vankevych dental splint
№	krok 2017, 2015
Topic	occlusion
Task	A 60-year-old patient has been undergoing the procedure of checking the complete removable dentures construction and fixing teeth on wax bases. The following flaws have been detected: fissure between the teeth in the frontal area and tubercle contact in the lateral area. What mistake had been made?
Correct answer	Anterior occlusion was determined instead of central one
B	Posterior occlusion was determined instead of central one
C	Lateral occlusion was determined instead of central one
D	Models were plastered in a wrong way in an occluder
E	Swabs were crushed, when central occlusion was being determined

№	krok 2017
Topic	maxillofacial prostodontics
Task	A 45-year-old man complains of impaired chewing due to pathologic lower jaw mobility. The patient was diagnosed with false joint in the area of absent 33 and 43 teeth. On X-ray: defect of the mandibular body is 0,8 cm in size. The teeth on the fragments on both sides of the defect are intact. What denture would be recommended in this case?
Correct answer	Oxman's fixed dental bridge
B	Tigerstedt's flat occlusal splint
C	Weber's dental splint
D	Entin's stiff head-chin strap
E	Tigerstedt's wire anchor splint
№	krok 2017
Topic	implantology
Task	A 45-year-old patient is prescribed a dental bridge supported with implants. In the process of preparation to the prosthodontic treatment there were intraosseous screw two-stage implants placed in the area of the 34 and 36 teeth. How long is the period necessary for implant integration in this case?
Correct answer	3 months
B	2 weeks
C	6 months
D	10 months
E	1 year

№	krok 2017, 2016
Topic	Materials Science
Task	A laminar denture for the lower jaw is being made for a 54-year-old patient. Base plate wax is used during the laboratory stage for wax templates. What group of accessory materials does such wax belong to?
Correct answer	Modeling
B	Abrasive
C	Fixing
D	Impression
E	Forming
№	krok 2017
Topic	anatomy
Task	A 45-year-old patient came to a prosthodontics clinic. During the objective examination the doctor checked the sagittal movements of the lower jaw. What muscles are responsible for sagittal movements of the lower jaw?
Correct answer	Lateral pterygoid muscles
B	Medial pterygoid muscles
C	Mandibulohyoid muscle
D	Digastric muscle
E	Mentohyoid muscle
№	krok 2017, 2016, 2015, 2013
Topic	maxillofacial prostodontics

Task	A 43-year-old patient complains of mobility and significant neck exposure of the lower front teeth. Objectively: the gums in the area of the 44, 43, 42, 41, 31, 32, 33, and 34 teeth are pale and cyanotic, non-bleeding. The 42, 41, 31, and 32 teeth exhibit the I-II grade mobility. The overcrowding of the 42, 41, 31, and 32 teeth is present. The necks of the 42, 41, 31, and 32 teeth are exposed by 1/2 of the root length, the necks of the 43 and 33 teeth are exposed by 1/4. What kind of denture should be applied in this case?
Correct answer	Cast removable splint
B	Kurlyandsky's bar splint
C	Cap splint
D	Partial crown
E	Half-ring splint
№	krok 2017
Topic	removable partial dentures
Task	A 70-year-old patient complains of impaired mastication. Objectively: the 33 and 43 teeth on the lower jaw are retained, firm, but have significantly destroyed crowns. Removable partial denture is required. Choose the optimal method of denture fixation:
Correct answer	Extracoronary attachments
B	Telescopic crowns
C	Wire clasps (clammers)
D	Cast clasps (clammers)

E	Intracoronar attachments
№	krok 2017
Topic	removable partial dentures
Task	A 45-year-old patient complains of inability to properly masticate due to the loss of lateral teeth. The 17, 16, 15, 25, 26, 27, 37, 36, 35, 44, 45, and 46 teeth are missing. The retained teeth exhibit the I-II degree of mobility. The patient is diagnosed with generalized periodontitis. Kennedy class I dentition defects are observed. What construction would be optimal in the given case?
Correct answer	Clasp-retained (bugel) removable partial denture with splinting elements
B	Partial laminar denture
C	Elbrecht's dental splint
D	Mamluk's dental splint
E	Cantilever dental bridge
№	krok 2017
Topic	complete removable dentures
Task	Removable complete laminar denture is being made for a 63-year-old edentulous man. At the stage of placing the artificial teeth in the dental articulator it is necessary to determine sagittal articular angle. This angle equals:
Correct answer	20-40
B	10-15
C	15-20
D	20-25
E	40-50

№	krok 2017
Topic	dental office equipment
Task	In a new neighbourhood unit of a large city a dental clinic is being opened. The clinic will employ 3 prosthodontists. How many positions of dental technicians, dental nurses, and orderlies should be provided?
Correct answer	6 dental technicians, 1 dental nurse, 1 orderly
B	3 dental technicians, 1 dental nurse, 1 orderly
C	3 dental technicians, 1,5 position of a dental nurse, 1 orderly
D	6 dental technicians, 1 dental nurse, 0,5 position of an orderly
E	1,5 position of a dental technician, dental nurse, and an orderly
№	krok 2017
Topic	dental bridges
Task	A 45-year-old woman needs a denture. Objectively: the 17, 16, 15, 14, 12, 25, and 26 teeth are missing. Specify the Kennedy's class of dentition defects in the given case:
Correct answer	II class, 2 subclass
B	II class, 4 subclass
C	III class, 1 subclass
D	III class, 3 subclass
E	II class, 3 subclass
№	krok 2017
Topic	microprosthesis

Task	A 37-year-old patient complains of an aesthetic defect. Objectively: the 13 tooth is destroyed by 2/3. The tooth is pulpless, the root canal is filled. How deep should the root canal be opened for pivot crown installation in this patient?
Correct answer	2/3 of the root canal
B	1/3 of the root canal
C	3/4 of the root canal
D	1/2 of the root canal
E	Full length of the root canal
№	krok 2017
Topic	maxillofacial prostodontics
Task	A 56-year-old man complains of pain in the gonial angle. Objectively: the 45, 46, 34, 35, and 36 teeth are missing; there are slight swelling and reduced mouth opening observed. X-ray: right-sided fracture of the body of mandible in the area of the 45 and 46 teeth without bone defect. What dental splint should be used for treatment?
Correct answer	Weber
B	Limberg
C	Tigerstedt
D	Zbarzh
E	Vankevych
№	krok 2017
Topic	removable partial dentures

Task	A clasp-retained (bugel) removable partial denture for the lower jaw is to be made for a 53-year-old patient. Objectively: the 38, 37, 35, 34, 45, 46, and 47 teeth are missing. The retained teeth are firm, with low clinical crowns. What fixation method of the denture would be optimal in this case?
Correct answer	Telescopic system
B	Supporting-retaining clasps (clammers)
C	Bar system
D	Attachments
E	Ball joint attachments
№	krok 2017
Topic	examination of patients
Task	A 50-year-old man complains of bared dental services on his upper and lower jaws. Objectively: the teeth and dentition are intact, clinical crowns are elongated, the teeth have no pathologic mobility, are worn off within the physiological norm. To remove supracontacts it is planned to perform selective teeth shaving. What additional investigation is necessary in the given case?
Correct answer	Occlusiography
B	X-ray
C	Masticatiography
D	Gnathodynamometry
E	Mastication tests
№	krok 2016
Topic	artificial crowns



Task	A prosthodontist plans to make a porcelain-fused-to-metal crown for the 23 tooth. In order to correct its abnormal position in the dental arch the prosthodontist is going to use a cast post and core. What is the maximum permissible value (in degrees) of the core deviation from the tooth axis?
Correct answer	15
B	10
C	06.Cep
D	4
E	20-25
№	krok 2016
Topic	Materials Science
Task	What impression material is used to obtain impressions for making orthodontic appliances?
Correct answer	Ypeen
B	Stomaflex
C	Repin
D	Sielast
E	Orthocor
№	krok 2016, 2013
Topic	partial removable dentures

Task	A 67-year-old patient consulted an orthodontist about missing of the 34, 35, 36, 37, 45, 46 teeth. Orthopantomogram of the remaining teeth shows the alveolar bone resorption in the range of 1/3 of the interdental septa height. What construction should be offered to the patient?
Correct answer	Clasp prosthesis with splinting elements
B	Bridges on the posterior teeth
C	Removable partial lamellar denture
D	Cap splint
E	Van Thiel splint
№	krok 2016, 2015
Topic	Materials Science
Task	An 18-year-old student needs prosthetic porcelain-fused-to-metal denture for the 11, 21 teeth. There are no contraindications for the use of such construction. What is the most appropriate material for taking impressions?
Correct answer	Sielast
B	Stomalgin
C	Orthocor
D	Stens
E	Repin
№	krok 2016, 2013, 2010
Topic	maxillofacial prostodontics

Task	A 50-year-old patient has median lower jaw fracture with formation of a false joint. The 38, 32, 31, 41, 42, 48 teeth are missing. The remaining teeth are intact, stable. There is no displacement of lower jaw fragments. X-ray picture shows a bone tissue defect up to 1 cm large. What prosthesis is indicated?
Correct answer	Oxman's bridge-like prosthesis with pivot point
B	Clasp denture
C	Lamellar prosthesis with Gavrilow's pivot point
D	Lamellar prosthesis with Oxman's pivot point
E	Bridge-like prosthesis without a pivot point
№	krok 2016, 2012
Topic	removable partial dentures
Task	A 45-year-old man complains about liquid outpouring from his nose, inability to blow his nose, inflated cheeks. Objectively: there is a perforating defect (1x1,5 cm) of alveolar process at a level of the extracted 26th tooth in the lateral part of his upper jaw. Air inhalation through the nose with held nostrils is accompanied by generation of bubbles in the area of perforation. What denture construction should be recommended?
Correct answer	Minor saddle denture with clasp fixation
B	Clasp denture with obturating part
C	Common partial removable denture
D	Common dental bridge
E	Protective palatal bars

№	krok 2016, 2012
Topic	artificial crowns
Task	A 25-year-old patient presents with fluorosis of vestibular surfaces of the upper incisors. Which of the following constructions will provide the maximum aesthetic result?
Correct answer	Veneers
B	Plastic crown
C	Ceramic crown
D	Combined Kurylenko crown
E	Metal-plastic crown
№	krok 2016, 2013, 2012
Topic	dental splints
Task	A 57-year-old patient complains of tooth mobility, inability to eat. Objectively: the lower 35, 36, 37, 38, 44, 45, 46 and 48 teeth are missing; the 31, 32, 33, 34, 41, 42, 43, 47 teeth exhibit II grade mobility, their clinical crowns are low, tooth equator is not pronounced. What is the optimal denture construction in this case?
Correct answer	Removable cast splint
B	Removable partial denture
C	Kurlyandsky splint bar
D	Removable Bynin splint
E	Removable splint with vestibulooral clasp
№	krok 2016, 2012
Topic	complete removable dentures

Task	A 65-year-old patient needs complete removable dentures for both jaws. At the stage of "testing the denture construction" the doctor checks the pronunciation of sounds "S" and "Z". Which method of normalization of speech functions should be applied in this case?
Correct answer	Phonetic tests
B	Graphic
C	Myogymnastics
D	Spectrographic
E	Acoustic
№	krok 2016, 2012
Topic	maxillofacial prostodontics
Task	A 42-year-old patient has been hospitalized with Le Fort II fracture of maxilla. Select an appliance for the treatment of this patient:
Correct answer	Zbarzh
B	Kulagin
C	Rudko
D	Penn-Brown
E	Yadrova
№	krok 2016
Topic	maxillofacial prostodontics
Task	A 39-year-old patient suffers from microstomia. What impression tray should be used?

Correct answer	Demountable
B	Standard
C	Standard for edentulous jaw
D	Custom plastic
E	Collapsible
№	krok 2016, 2012, 2009
Topic	complete removable dentures
Task	A 79-year-old female patient consulted a prosthodontist about denture replacement. The patient has a history of a stroke. Objectively: acute irregular atrophy of the alveolar processes of both jaws is present; mucous membrane of the oral cavity is dry and nonmobile. The previous dentures cannot be fixed. What is the most appropriate prosthetic construction?
Correct answer	Dentures with elastic lining
B	Dentures with extended borders
C	Dentures with metal bases
D	Dentures with shortened borders
E	Implant-supported dentures
№	krok 2016
Topic	partial removable dentures
Task	A 56-year-old patient complains of frequent breakage of the basis of the partial laminar denture of the upper jaw. Objectively: only the 23 tooth is retained on the upper jaw. Cracks in the denture basis appear in the area of the 23 tooth. What should be done to reinforce the denture basis?

Correct answer	Make a new denture with telescopic fixation on the 23rd tooth
B	Make the basis out of Ethacryl-02 plastic
C	Make the basis out of Phtorax plastic
D	Make the basis out of Prothacryl-M plastic
E	Make the basis out of Redont plastic
№	krok 2016, 2012, 2009
Topic	implants
Task	A 50-year-old patient has a defect of the lower dental arch. It is planned to make an implant-supported bridge for its restoration. X-ray picture shows that the height of the bone mass from projection of mandibular canal up to the top of alveolar crest is 2 cm. What type of implant should be applied?
Correct answer	Threaded
B	Endodontic-endoosseous
C	Plate-form
D	Subperiosteal
E	Conical
№	krok 2016
Topic	artificial crowns
Task	At a prosthetics dentistry clinic a 35year-old patient received a porcelain-fusedto-metal crown for the 21 tooth. What is the minimum warranty period for porcelain fused-to-metal crowns under the current legislation?
Correct answer	12 months

B	24 months
C	36 months
D	6 months
E	3 months
№	krok 2016, 2012
Topic	examination of patients
Task	During the preparation of a tooth a patient had an epileptic seizure. The seizure was arrested. What mistake did the orthopaedist make?
Correct answer	Did not collect complete history data
B	Did not apply one of the types of local anesthesia
C	Violated the rules of preparation
D	Skipped psychological preparation of the patient
E	Did not apply general anaesthesia
№	krok 2016, 2014
Topic	complete removable dentures
Task	Objective examination of a 65-year-old patient with the completely edentulous mandible revealed a marked uniform atrophy of the alveolar bone; bony prominences on the lingual surface in the region where premolars had previously been. Mucosa was unevenly pliable; alveolar crest was mobile in the frontal region. The clinical condition of the mandible should be taken into consideration at the following stage of denture fabrication:
Correct answer	Taking a differentiated impression



B	Taking an anatomical impression
C	Taking a positive pressure impression
D	Taking a decompression impression
E	Measuring the centric relation of jaws
№	krok 2016
Topic	artificial crowns
Task	A 53-year-old patient complains of absent 12, 11, 21 and 22 teeth. On examination it is decided to make a porcelain-fused-to-metal bridge with the 13 and 23 as abutment teeth. During preparation ledges are created in abutment teeth. Ledge width can vary within the following range:
Correct answer	1,5-2,0 mm
B	0,5-0,8 mm
C	2,0-2,5 mm
D	2,5-3,0 mm
E	0,1-0,2 mm
№	krok 2016, 2012, 2008
Topic	removable partial dentures
Task	The 47, 46, 45, 35, 36, 37, 38 teeth of a 57-year-old patient are missing. It is planned to make a clasp denture. The 48 tooth inclines to the lingual side and forwards. On the lingual side of the 48 tooth the border line is diagonal, on the buccal side it runs on a level with gingival edge. What type of Ney's clasp should be applied?
Correct answer	V type clasp

B	I type clasp
C	IV type clasp (reverse back-action)
D	I-II type clasp
E	II type clasp
№	krok 2016
Topic	maxillofacial prostodontics
Task	A 30-year-old patient, a lecturer, complains of periodical dislocations of the lower jaw. Objectively: direct occlusion, continuous dentition is retained. During mouth opening there is a clicking sound in the temporomandibular joint. What apparatus can prevent recurrent dislocation?
Correct answer	Petrosov apparatus
B	Oxman apparatus
C	Limberg apparatus
D	Shur apparatus
E	Zbarzh apparatus
№	krok 2016
Topic	maxillofacial prostodontics
Task	A 49-year-old patient was hospitalised to an oral surgery department with a gunshot wound of the left side of the face. There is a 3,5 cm long defect of the body of the mandible on the left. After the initial surgical d-bridement and stabilization of the patient's general state it is planned to perform plastic correction of the defect. What treatment method is optimal in the given case?

Correct answer	Shvyrkov's compression-distraction osteosynthesis
B	Osteosynthesis with titanium reconstruction plate
C	Rudko's apparatus application
D	Galmosh polyfunctional apparatus application
E	Substitution of the defect with an autograft
№	krok 2016
Topic	Materials Science
Task	A crown inlay for the patient's 46 tooth is being prepared. At the first clinical stage the cavity preparation is completed with design of an incline. What material can be used for the inlay?
Correct answer	Metal alloy
B	Sinma M plastic
C	Porcelain
D	Composite
E	Pressed ceramics
№	krok 2016
Topic	artificial crowns
Task	A 40-year-old patient addressed a prosthodontist with complaints of absent crown of the 24 tooth due to trauma. If the crown is broken off at the gum level, the tooth should be restored with:
Correct answer	Pivot crown
B	Semi-crown
C	Equator crown
D	Partial denture

E	Intradental inlay
№	krok 2016
Topic	complete removable dentures
Task	A 70-year-old patient addressed a hospital with complaints of poorly stabilized complete dentures of the upper and lower jaws. What method of artificial teeth arrangement is preferable in making of a new denture?
Correct answer	According to individual occlusion curves
B	According to disocclusion planes
C	According to standard occlusion curves
D	According to spherical occlusion curves
E	According to prothetic occlusion planes
№	krok 2016
Topic	complete removable dentures
Task	During application of an impression tray to the upper jaw of a 62-year-old patient the tray falls out when the patient opens his mouth wide. What edge of the tray should be shortened?
Correct answer	In posterolateral area of the maxillary tuberosity
B	Along the A line
C	In the front area
D	In the palatine torus area
E	In the buccal-alveolar fold area
№	krok 2016
Topic	complete removable dentures

Task	During objective examination of the patient's oral cavity the lower jaw is revealed to be toothless, in the front area there is a mobile band of mucosa, irregular atrophy of the alveolar process. What method of obtaining functional impression would be most advisable in the given case?
Correct answer	Differentiated impression
B	Decompression impression
C	Compression impression
D	Selective pressure impression during mastication
E	Gradual pressure impression
№	krok 2016
Topic	micro prothesis
Task	A 46-year-old man complains of constant losing of a filling in his lower right tooth. Objectively: in the 16 tooth on the approximal masticatory surface there is a defect of crown hard tissues at 1/3. The tooth has no discoloration, percussion is painless. What construction should be prescribed?
Correct answer	Inlay
B	Porcelain-fused-to-metal crown
C	Semi-crown
D	3/4 crown
E	Plastic crown
№	krok 2016
Topic	micro prothesis

Task	A 37-year-old patient complains of an aesthetic defect. Objectively: the 13 tooth is destroyed by 2/3. The tooth is pulpless, the root canal is filled. How deep should be the root canal opened for pivot crown in this patient?
Correct answer	2/3 of the root canal
B	1/3 of the root canal
C	3/4 of the root canal
D	1/2 of the root canal
E	Full length of the root canal
№	krok 2016
Topic	artificial crowns
Task	A 57-year-old patient addressed a prosthodontic clinic to have a denture made for him. After objective examination the patient was prescribed single-unit crowns for the 46, 47, 36, 37 teeth. What maximal angle of a tooth stump can be allowed during preparation?
Correct answer	3-5°
B	5-6°
C	10-12°
D	Stump walls should be parallel to each other
E	7-8°
№	krok 2016
Topic	removable partial dentures

Task	A 58-year-old patient after examination in a prostodontic clinic has been advised to make a full-arch prosthesis. The treatment plan was developed, the impressions of both jaws were obtained, central occlusion was determined with block method. What stage is next?
Correct answer	Parallelometry
B	Model duplication
C	Restoration of the abutment crowns
D	Frame design of a full-arch prosthesis
E	Preparation for model duplication
№	krok 2016
Topic	maxillofacial prostodontics
Task	A 25-year-old patient addressed a hospital and upon examination was diagnosed with unilateral fracture of the body of the mandible in the area of 43, 44 teeth with persistent vertical displacement of the bone ends. Choose the functional type of prosthodontic apparatus required for the patient's treatment:
Correct answer	Reponating
B	Directing
C	Forming
D	Substituting
E	Fixing
№	krok 2016
Topic	micro prothesis

Task	For a 30-year-old patient a composite inlay for the 37 tooth is being made. Objectively: there is a carious cavity of medium size (Black's classification I class) on the masticatory surface of the 37 tooth. What specifics are required for the tooth preparation in this case?
Correct answer	Creating a flat floor
B	Creating an auxiliary ledge
C	Creating an incline
D	Widening of the cavity floor
E	Creating an auxiliary cavity
№	krok 2016
Topic	removable partial dentures
Task	A full denture for the lower jaw is planned to be made for a 53-year-old patient. Objectively: the 38, 37, 35, 34, 45, 46, 47 teeth are absent. The retained teeth are firm, with low clinical crowns. What fixation method of full denture would be optimal in this case?
Correct answer	Telescopic system
B	Supporting retentive clasps
C	Beam system
D	Attachments
E	Ball joint attachment
№	krok 2016
Topic	maxillofacial prosthodontics



Task	A 34-year-old patient complains of pain in the lower right jaw, reduced mouth opening. Objectively: dentition is intact both on the upper and lower jaw, there is premature contact between the 46 and 47 teeth. Diagnosis: traumatic fracture of the mandible in the area of the 46 tooth with fragment displacement. What construction would be advisable for temporary immobilization of the mandible fragments?
Correct answer	Tigerstedt's splint
B	Temporary plastic splint
C	Entin's head-chin strap
D	Plastic kappa
E	Weber's splint
№	krok 2015
Topic	complete removable dentures
Task	A 70-year-old patient with all his lower jaw teeth lost is undergoing the process of fitting individual dental spoon using Herbst tests. When the mouth is opened slowly the spoon rises in the front area. What area requires correction of the spoon placement?
Correct answer	Vestibular surface between canines
B	Behind the retromolar trigone to mandibulohyoid line
C	Frenulum of tongue area
D	From the retromolar trigone to the place, where the 2nd molar will be placed
E	1 cm from the midline on the sublingual end

№	krok 2015
Topic	maxillofacial prostodontics
Task	A 67-year-old patient complains of pain, bleeding, chewing disorder. The anamnesis states domestic injury of the lower jaw. Objectively: the upper jaw dentition is retained. The lower jaw has no teeth, there is central fracture of the lower jaw with bone defect, the place of the fracture is swollen. What construction is the most advisable in this case?
Correct answer	Vankevych dental-gingival splint
B	Port gingival splint
C	Gunning gingival splint
D	Weber dental-gingival splint
E	Zbarzh appliance
№	krok 2015
Topic	removable partial dentures
Task	A 58-year-old patient has significantly narrowed mouth opening due to trauma and burns of the face. He is prescribed partial removable denture. What denture construction is the most advisable in the given case?
Correct answer	Folding denture
B	Clammer-stabilized clasp (bugel) prosthesis
C	Attachment-stabilized clasp (bugel) dental prosthesis
D	Jointed removable denture
E	Simple removable partial laminar denture
№	krok 2015

Topic	removable partial dentures
Task	A 40-year-old patient complains of pain in the lower jaw, malocclusion. He sustained a trauma 6 hours ago. Examination revealed a singular lower jaw fracture between the second incisor and the left canine. Fragments displacement is insignificant. All teeth are retained and stable. What is the optimal treatment?
Correct answer	One arch dental braces
B	Osteosynthesis with mini plate
C	Full dental braces
D	Gartsatnikov splint
E	Vasilyev splint
№	krok 2015
Topic	maxillofacial prostodontics
Task	A 45-year-old patient has central defect of the hard palate. The defect is 2x3 cm in size. Dentition is intact. What construction of obturator is the most advisable in this case?
Correct answer	Palatal obturator
B	Pomerantseva-Urbanskaya obturator
C	Floating obturator
D	Ilyina-Markosyan obturator
E	Laminar denture with obturating element
№	krok 2015, 2013
Topic	maxillofacial prostodontics

Task	A 32-year-old patient presented to a prosthetic dentistry clinic with a diagnosis of maxillary fracture. The fracture can be treated by means of standard maxillo-mandibular Zbarzh set. Which construction provides the intraoral fixation?
Correct answer	Standard double arch
B	Aluminium arch bar
C	Plastic biteplate
D	Weber's splint
E	Crown-supported soldered splint
№	krok 2015
Topic	materials sciens
Task	A removable denture is being made for a patient. At the stage of designinig the denture accessory material - isocol - is used. What group does it belong to?
Correct answer	Insulation
B	Impression
C	Modeling
D	Forming
E	Polishing
№	krok 2015, 2013, 2012
Topic	removable partial denrures

Task	A 45-year-old patient complains of missing teeth in the lower jaw on the right. Objectively: the 46, 45, 38, 48 teeth are missing. The 47 tooth is mobile (1 grade mobility), the crown of the 44 tooth is decayed by 1/2. What orthopedic construction should be recommended for restoration of masticatory efficiency and prevention of periodontal overload of the 47, 44 teeth?
Correct answer	Bugel denture with clasp fixation for the 47, 44, 34 teeth
B	Soldered bridge supported by the 48, 44 teeth
C	Porcelain-fused-to-metal bridge supported by the 47, 46 teeth
D	Bridge supported by the 47 tooth
E	Small saddle denture with clasp fixation for the 47, 44 teeth
№	krok 2015
Topic	removable partial dentures
Task	Clinical stage of checking the clasp (bugel) dental prosthesis framework as it should be placed in the oral cavity revealed the denture arch to come off unevenly from the hard palate and alveolar process creating the gap up to 0,8 mm in width. What method can be applied to remove this defect?
Correct answer	To make a new framework for clasp dental prosthesis
B	To make adjustments to the framework using crampon forceps
C	To make adjustments to the framework using dental hammer and bench anvil
D	To heat the metal using a gasoline blow torch and make adjustments by pressing to the model
E	This kind of defect does not require adjustments

№	krok 2015
Topic	removable partial dentures
Task	A partial removable denture is being made for a 50-year-old patient. What impression trays are the more advisable?
Correct answer	Split stock tray
B	Metal stock tray
C	Disposable stock tray
D	Perforated stock tray
E	Customized stock tray
№	krok 2015
Topic	maxillofacial prostodontics
Task	An obturator is being made using Ilyina-Markosyan technique for a 45-year-old-patient to compensate for the defect of the hard and soft palate. What type of connection between the fixing and obturating parts will be used?
Correct answer	Button
B	Band
C	Clasp
D	Joint
E	Spring
№	krok 2015
Topic	removable partial dentures
Task	A 48-year-old patient complains of the lower jaw teeth mobility. Van Thiel dental splint is to be made for prosthodontic treatment. What construction elements are supposed to fix it in place?

Correct answer	Whole piece proximal grip clasps
B	Full metal crowns
C	Wire clasps
D	Parapulpal posts
E	Equator crowns
№	krok 2015
Topic	removable partial dentures
Task	A female patient is 51-year-old, with immobile teeth. The marginal periodontium in the area of the 14th-11th, 21st-23rd teeth has inflammation symptoms; gingival and periodontal pockets are 4-5 mm deep. Whole piece metal and plastic denture construction is to be made for the patient. What are the specifics of the construction edge placement relative to the marginal periodontium in this case?
Correct answer	Circular garland covering necks of all abutment teeth
B	Formation of gum-level circular ledge
C	Formation of subgingival circular ledge
D	Construction should be composed of separate crowns
E	Construction should have neither lining nor circular ledge
№	krok 2015
Topic	dental bridges

Task	A 24-year-old female patient complains of the 15th tooth being lost. The defect is of aesthetic nature. Objectively: the 14th and 16th teeth are intact, stable, clinical crowns are tall with pronounced equators and normal orthognathic overlapping; X-ray image shows no pathologies in the periapical tissues. What kind of denture should be recommended for the patient?
Correct answer	Adhesive dental bridge
B	Metal ceramic dental bridge
C	Metal plastic dental bridge
D	Plastic dental bridge
E	Cantilever bridge
№	krok 2015
Topic	maxillofacial prostodontics
Task	A 78-year-old patient complains of difficulties when taking food and deformity of the dentition. The anamnesis states the lower jaw fracture 2,5 month ago. Objectively: there is a deformity of the lower jaw front area, which equals 19 mm (artificial joint). Both fragments of the lower jaw have 3 stable teeth each. What prosthesis construction is the most advisable in this case?
Correct answer	Oxman joint fixed denture
B	Oxman joint denture with one pivot-point
C	Jointless removable denture
D	Kurlandsky's denture with shock absorbing ball-clasp
E	Oxman joint denture with two pivot-points
№	krok 2015, 2013



Topic	removable partial dentures
Task	After unilateral resection of the upper jaw a 52-year-old patient received the immediate-insertion denture. What is the term of its use?
Correct answer	1-3 months
B	1-2 months
C	7-12 months
D	2-3 years
E	4-5 years
№	krok 2015
Topic	artificial crowns
Task	What measurements are necessary to determine the width of dental arch according to the Pont's method of analysis?
Correct answer	Crown width of four upper incisors
B	Crown width of upper central incisors
C	Crown width of six upper front teeth
D	Crown width of upper central incisors and the first premolars
E	Size of dentition frontal segment
№	krok 2015, 2013
Topic	complete removable dentures

Task	A 64-year-old patient with edentulous jaws has a minor uniform atrophy of maxilla and a pronounced atrophy of lateral parts of mandible. The mucosa in these parts makes longitudinal folds, the alveolar crest is mobile in the anterior part. The condition of mandible should be taken into consideration at the following stage of fabrication of a complete removable denture:
Correct answer	Taking differentiated functional impression
B	Taking anatomical impression
C	Taking compression functional impression
D	Taking decompression functional impression
E	Determining the central occlusion
№	krok 2015
Topic	dental bridges
Task	When checking construction of the soldered dental bridge with the 35th and 38th abutment teeth the following was detected: pores in the place of soldering together abutment crowns with the intermediate part; masticatory tubercles are sharply defined; there is early contact with tooth-antagonists; the intermediate part makes tight contact with the alveolar process mucosa. How can those flaws be corrected?
Correct answer	Dental bridge should be remade
B	Intermediate part should be corrected
C	Masticatory surface should be corrected, and soldered places - filed

D	Masticatory surface should be corrected, and the height of the flushing part is to be increased up to 2 mm
E	Tooth-antagonists should be filed down
№	krok 2015, 2014, 2015
Topic	artificial crowns
Task	A 35-year-old female patient seeks prosthetic dentistry. Objectively: the 18, 14, 13, 12, 11, 21, 22, 23, 24, 28 teeth need restoration. The crowns confining the defect are high and stable. To restore the integrity of the dentition it is planned to fabricate a cast clasp denture. What kind of mechanical fixator should be used?
Correct answer	Bar fixation
B	Supporting-retaining clasps
C	Retaining clasps
D	Telescopic fixation
E	Dentoalveolar clasps
№	krok 2015, 2013, 2012
Topic	implants
Task	A 22-year-old patient presented to a prosthetic dentistry clinic because of missing of the 21 tooth, the 11 and 22 teeth are intact. The 21 tooth was extracted 2 months ago. What construction is most suitable in this case?
Correct answer	Two-stage implantation
B	One-stage implantation with simultaneous fabrication of porcelain-fused-to-metal crown

C	Partial removable denture
D	Swaged and soldered denture supported by the 11 and 22 teeth
E	Metal-plastic denture supported by the 11 and 22 teeth
№	krok 2015, 2014, 2013, 2012
Topic	maxillofacial prostodontics
Task	A 48-year-old patient has undergone unilateral resection of the upper jaw. He needs a resection prosthesis. Objectively: the 21, 22, 23, 24, 25, 26 teeth are stable, hard palate is broad, flat. What connection of clasps with the base will reduce the instability of the resection prosthesis?
Correct answer	Articular
B	Stable
C	Elastic
D	Fixed
E	Does not matter
№	krok 2015, 2013
Topic	removable partial dentures
Task	A 20-year-old patient in the 8th month of pregnancy complains about an aesthetic defect, speech disturbance due to the missing upper front tooth. Objectively: the 12 tooth is missing. The 11, 13 teeth are intact, stable, of anatomical shape. The patient has orthognathic bite. What prosthetic design should be preferred?
Correct answer	Immediate prosthesis
B	Plastic bridge
C	Porcelain-fused-to-metal bridge

D	Plastic-to-metal bridge
E	Implant with a porcelain crown
№	krok 2015
Topic	removable partial dentures
Task	A 50-year-old patient complains of his lower jaw teeth mobility. Objectively: the dentition is intact; the necks of the teeth are bared; the tooth crowns are tall; teeth mobility is class 1-2. What kind of dental splint is the most advisable?
Correct answer	Elbrecht splint
B	Mamlock splint
C	Full crown splint
D	Equator crown splint
E	Cap splint
№	krok 2015
Topic	dental splints
Task	A 45-year-old patient complains of being unable to chew food due to loss of the lateral teeth. The rest of his teeth have mobility of the 1-2 type. What construction is the most advisable for dental prosthetics?
Correct answer	Removable denture splint
B	Fixed dental bridge
C	Metal-based prosthesis
D	Clasp (bugel) dental prosthesis
E	Removable laminar denture
№	krok 2015

Topic	anatomy
Task	A woman with complaints of restricted mouth opening has made an appointment with a prosthodontic clinic. What muscles are responsible for the downwards movement of the lower jaw?
Correct answer	Mylohyoid muscle, digastric muscle, geniohyoid muscle
B	Masticatory muscle, medial pterygoid muscle
C	Temporal muscle, lateral pterygoid muscle, digastric muscle
D	Orbicular muscle of mouth, mylohyoid muscle
E	Geniohyoid muscle, medial pterygoid muscle
№	krok 2015
Topic	dental splints
Task	A 45-year-old patient is diagnosed with generalized periodontitis; there is class II mobility of the 13th, 12th, 21st, 22nd, 23rd teeth. The patient has made an appointment with dental clinic to make a prosthesis after the extraction of the 11th tooth. What prosthodontic construction is the most advisable for combined therapy of generalized periodontitis in this case?
Correct answer	Combination of photopolymer material with fiberglass framework
B	Immediate prosthesis
C	Adhesive dental bridge
D	Porcelain-fused-to-metal whole piece dental bridge
E	Wire splint
№	krok 2015, 2014
Topic	anatomy

Task	An accident victim with an injury of face and the temporal region was diagnosed with a fracture of the zygomatic arch. Which processes of the skull bones are damaged?
Correct answer	Temporal process of the zygomatic bone and the zygomatic process of the temporal bone
B	Zygomatic process of the frontal bone and the zygomatic process of the temporal bone
C	Temporal process of the zygomatic bone and the zygomatic process of the frontal bone
D	Zygomatic process of the maxilla and the zygomatic process of the temporal bone
E	Zygomatic process of the maxilla and the zygomatic process of the frontal bone
№	krok 2015, 2014, 2013
Topic	removable partial dentures
Task	A 60-year-old patient needs a partial removable denture for the upper jaw. The central occlusion has been determined. What is the next stage of prosthetics?
Correct answer	Checking the wax denture construction
B	Try-in of the denture
C	Fabrication of plaster models
D	Relining the denture
E	Taking impressions
№	krok 2014
Topic	artificial crowns

Task	A 38-year-old female patient complains of pain in the 16 tooth, which appeared 3 days after placing an artificial crown over the tooth. Objectively: the 16 tooth is crowned with a full metal swaged crown. The gingiva around the tooth is hyperemic, edematous. The crown margin is submerged into gingival pocket by more than 0,5 mm. What is the cause of this complication?
Correct answer	Excessive submergence of the crown margin into the gingival pocket
B	Excessively tight fit of the crown
C	Interdental contacts
D	Contact of the crown with antagonists
E	Eating solid food
№	krok 2014
Topic	examination of the patients
Task	A 34-year-old female patient presented to a dental clinic for the prosthetics of the mandibular teeth. Objectively: the mandibular teeth exhibit the I-II class mobility. Which of the following examination methods should be applied?
Correct answer	Radiography
B	Galvanometry
C	Face-bow record
D	Rheotachygraphy
E	Myotonometry
№	krok 2014
Topic	dental bridges



Task	A 44-year-old female patient presented to a dental clinic for prosthetics. Objectively: the 17, 16, 15, 14, 12, 25, 26 teeth are missing; the 18, 28 teeth are preserved. Make a diagnosis according to Kennedy classification of partial edentulousness:
Correct answer	Class III, subclass 2
B	Class III, subclass 1
C	Class III, subclass 3
D	Class II, subclass 2
E	Class II, subclass 4
№	krok 2014
Topic	artificial crowns
Task	A month after cementing a porcelain-fused-to-metal crown for the 23 tooth, the patient complained of its decementation. On examination the tooth stump was of sufficient height, the stump walls were convergent to the vertical axis at an angle of about 30 degrees. What is the required angle of wall convergence?
Correct answer	Up to 8 degrees
B	18-20 degrees
C	20-25 degrees
D	25-30 degrees
E	27-35 degrees
№	krok 2014
Topic	complete removable dentures

Task	A 65-year-old male patient undergoes fabrication of a full removable denture for the mandible. The individual tray for taking a functional impression is adjusted with the use of Herbst tests. The tray is thrown off during swallowing. This means that its edge is to be shortened in the following area:
Correct answer	From the space behind the mucous tubercle to the mylohyoid line
B	From canine to canine vestibularly
C	From canine to canine lingually
D	Along the mylohyoid line
E	In the region of the premolars on the lingual side
№	krok 2014
Topic	artificial crowns
Task	A 28-year-old female patient complains of a cosmetic defect in the anterior segment of the maxilla. Objectively: the crown of the 13 tooth is decayed nearly up to the gingival edge, the stump walls are of sufficient thickness. The stump has a slightly changed color, percussion causes no pain response. Radiographical findings: the root canal is straight, wide, and filled along the entire length. What prosthetic construction is most appropriate in this case?
Correct answer	Post and core
B	Plastic crown
C	Porcelain-fused-to-metal crown
D	Inlay
E	Micro-denture

№	krok 2014
Topic	dental splints
Task	A 32-year-old patient complains of constant chewing-like movements of the mandible. These movements occur with nervous excitement. The patient's wife reports him to have gnashing of teeth at night. Objectively: the lateral teeth are worn, have no tubercles. What is the optimal treatment tactics?
Correct answer	Night guard (Michigan-type splint), myogymnastics, self-massage
B	Restoration with crowns
C	Pharmaceutical and non-invasive treatment following the referral to a dental surgeon
D	Referral to a dental surgeon
E	Alignment of teeth (selective grinding)
№	krok 2014
Topic	complete removable dentures
Task	A 70-year-old male patient with the completely edentulous maxilla and a hard palate defect complains of difficult eating, pouring of liquid food through the nose, frequent chronic diseases of the nasal mucosa. Objectively: the maxillary alveolar bone is atrophied (Schroeder class I), the mucosa pliability complies with Supple class I. The hard palate exhibits a cicatrically changed defect sized 2x3 cm. What denture design would be most effective in this case?
Correct answer	Complete removable denture with an internal and a peripheral valve

B	Complete removable denture with the teeth placed on the artificial gingiva
C	Soft-core obturator and complete removable denture
D	Complete removable denture with a thickening in the defect region
E	Complete removable denture with a metal base and soft-core obturator
№	krok 2014
Topic	artificial crowns
Task	A 26-year-old male patient present to a prosthetic dentistry clinic for a swaged metal crown for the 26 tooth. This is his third visit. During examination he has been found to have a hole on the medial buccal tubercle of the crown which appeared as a result of polishing. What tactics should be chosen?
Correct answer	Fabricate a new crown
B	Seal up the hole in the crown
C	Cement the crown with the cement
D	Mount a fixed denture
E	Cement the crown with acryl oxide
№	krok 2014
Topic	artificial crowns
Task	A 28-year-old patient complains that a piece of the 23 tooth crown has broken off. Objectively: the root canal orifices contain the filling material, percussion causes no pain response. What is the tactics of choice?

Correct answer	Radiography of the 23 tooth
B	Extraction of the 23 tooth
C	Fabrication of a metal insert tooth
D	Ortho-polymer restoration of the 23 tooth
E	Restoration with Belkin crown
№	krok 2014
Topic	maxillofacial prostodontics
Task	A 32-year-old patient presented to a prosthetic dentistry clinic with a diagnosis of maxillary fracture. The fracture can be treated by means of standard maxillo-mandibular Zbarzh set. What construction provides the intraoral fixation?
Correct answer	Standard double arch
B	Aluminium arch bar
C	Plastic biteplate
D	Weber's splint
E	Crown-supported soldered splint
№	krok 2014
Topic	complete removable dentures
Task	A patient undergoes orthopedic treatment for bounded edentulous spaces in the upper jaw with fixed full-cast dentures. At the second appointment it is necessary to check whether the inner surface of the metal frame of the future porcelain-fused-to-metal bridge fits the surface of the prepared teeth. How can this be done?

Correct answer	In the oral cavity by means of silicone materials
B	By means of visual models in the articulator
C	In the oral cavity by means of transfer paper
D	In the oral cavity by means of a wax plate
E	In the oral cavity by means of stomatoscopy
№	krok 2014
Topic	material science
Task	A 44-year-old male patient needs a cast splint for the mandible. Objectively: there is a bilateral terminal defect of the mandibular dental arch. The tooth crowns are high, the teeth are intact, there is I-II class mobility. What impression material should be used?
Correct answer	Stomalgin
B	Repin
C	Gypsum
D	Stens
E	Dentafol
№	krok 2014
Topic	artificial crowns
Task	A 43-year-old male patient awaits fabrication of full swaged crowns for the 26 and 27 teeth. What material should be used for the dental dies?
Correct answer	Low-fusible alloy
B	Stainless steel
C	Cobalt-chromium alloy

D	Silver-palladium alloy
E	Solder alloy
№	krok 2014
Topic	maxillofacial prostodontics
Task	Regimental aid station admitted a wounded soldier with a diagnosis of a gunshot fracture of the mandibular body. What kind of immobilization is required at this stage?
Correct answer	Transport immobilization
B	Immobilization with splints for both jaws
C	Extraoral appliance for fragment fixation
D	Smooth brace
E	Osteosynthesis of the mandible
№	krok 2014
Topic	complete removable dentures
Task	A 70-year-old patient complains of inability to take food, a cosmetic and phonetic defect due to the complete loss of mandibular teeth. Objectively: the lateral segment of the alveolar process of the mandible is significantly atrophied, while the frontal segment is relatively preserved. Buccal folds are attached at the crest of the alveolar process. These clinical presentations correspond with the following class of edentulous jaws according to Keller classification:
Correct answer	Class III
B	Class II
C	Class I

D	Class IV
E	Class V
№	krok 2014
Topic	maxillofacial prostodontics
Task	A 50-year-old male patient has a gunshot wound to the mandible and a bone defect in the mental area. What method of immobilization is indicated for this patient?
Correct answer	Extraoral Rudko apparatus
B	Two-jaw splint with wire loops and intermaxillary elastics
C	Bone suture
D	One-jaw brace
E	Immobilization by means of wires and rods
№	krok 2014
Topic	abresion
Task	A female patient presented to a clinic for prosthetics. Objectively: the lower third of the face is shortened; nasolabial folds are deepened; the front teeth of both jaws are missing; the crowns of the 17, 15, 26, 27, 36, 37, 45,47 teeth are worn by 2/3 of their height; the chewing surfaces of these teeth are smooth and pigmented; alveolar bone is not hypertrophied, interalveolar height is decreased. Specify the form of pathological dental abrasion in this patient:
Correct answer	Horizontal, uncompensated, III grade of severity
B	Horizontal, compensated, III grade of severity
C	Vertical, uncompensated, III grade of severity



D	Vertical, compensated, III grade of severity
E	Combined, uncompensated, III grade of severity
№	krok 2014
Topic	removable partial dentures
Task	Following the extraction of the 12, 11, 21, 22, 23 teeth, a 50-year-old patient will receive an immediate-insertion denture. What denture should be used in this situation?
Correct answer	Laminar denture
B	Clasp denture
C	Fixed bridge denture
D	Adhesive denture
E	Removable bridge denture
№	krok 2014
Topic	artificial crowns
Task	A female patient presented to a dental prosthetics clinic complaining of acute pain in the 26 tooth. The pain gets worse in the evening and at night. Objectively: the patient has a cantilever porcelain-fused-to-metal dental bridge supported by the 26 tooth and the 25 tooth cantilever. The tooth is live, the preparation was performed under conduction anesthesia. The prosthesis is fabricated in compliance with all requirements. What medical error might have caused this complication?
Correct answer	Continuous tooth preparation without cooling, no provisional crowns
B	Shaping the tooth as a truncated cone
C	Preparation of the radial shoulder in the cervical zone

D	Lack of medial support for the bridge
E	Cementing the bridge on the phosphate cement
№	krok 2014
Topic	removable partial dentures
Task	A 50-year-old male patient with a defect of the hard palate needs a palatal plate. Objectively: the maxillary teeth are intact. What method of fixation should be used?
Correct answer	Mesio-distal clasps
B	Supporting clasps
C	Attachment
D	Bar fixation
E	Telescopic system
№	krok 2014
Topic	maxillofacial prostodontics
Task	A 40-year-old male patient presents with vicious union after a fracture of the maxilla. Objectively: the remaining 13 and 14 teeth are displaced in a distal direction. What method of orthopedic treatment would be most adequate in this case?
Correct answer	Removable double-arch denture
B	Cast clasp denture
C	Removable laminar denture
D	Removable denture with metal base
E	Removable denture with bilayer base
№	krok 2014
Topic	maxillofacial prostodontics

Task	Following the unilateral resection of the maxilla a 52-year-old patient received the immediateinsertion denture. What is the term of its use?
Correct answer	1-3 months
B	1-2 months
C	7-12 months
D	2-3 years
E	4-5 years
№	krok 2014
Topic	complete removable dentures
Task	A 64-year-old patient with edentulous jaws has a mild uniform atrophy of the maxilla and a pronounced atrophy of lateral segments of the mandible. The mucosa in these regions makes longitudinal folds, the alveolar crest is mobile in the anterior part. The condition of mandible should be taken into consideration at the following stage of fabrication of a complete removable denture:
Correct answer	Taking a differentiated functional impression
B	Taking an anatomical impression
C	Taking a compression functional impression
D	Taking a decompression functional impression
E	Determining the centric jaw relation
№	krok 2014
Topic	dental splints

Task	A 45-year-old male patient complains of bleeding gums, tooth mobility, hypersensitivity in the cervical zone. Objective examination revealed presence of all teeth, 1-2 class mobility, pathological gingival pockets with serous exudate. Radiograph shows widening of the periodontal ligament space, alveolar bone resorption by 1/3 - 1/2 of the root length. What kind of tooth stabilization is indicated?
Correct answer	Stabilization of entire dental arch
B	Front
C	Front and sagittal
D	Sagittal
E	Parasagittal
№	krok 2014
Topic	complete removable dentures
Task	A 65-year-old female patient complains of complete edentulousness. Examination of the oral cavity revealed that alveolar process of the edentulous mandible was markedly atrophied in the frontal region, while it was expressed in the distal region. Specify the class of atrophy according to Keller classification:
Correct answer	Class IV
B	Class II
C	Class I
D	Class III
E	Class I and III

№	krok 2014
Topic	complete removable dentures
Task	Objective examination of a 67-year-old patient with the edentulous maxilla revealed minor uniform atrophy of the alveolar processes. Maxillary prominences were well preserved, the frenulum and bucco-alveolar folds were attached at the base of the alveolar process, the palate was deep, the torus palatinus was expressed insignificantly. These clinical presentations correspond with the following class of atrophy according to Schroeder classification:
Correct answer	1
B	2
C	3
D	4
E	5
№	krok 2014
Topic	maxillofacial prostodontics
Task	A 25-year-old male patient has been diagnosed with a linear nondisplaced fracture of the mandible between the 32 and 33 tooth. What splint should be used for the fixation of bone fragments?
Correct answer	Smooth brace
B	Splint with spacer bar
C	Brace with an oblique plane
D	Vasilyev splint

E	Wire anchor splint
№	krok 2014
Topic	implants
Task	A 32-year-old patient lost the 41 and 31 teeth as a result of a sports injury. Reimplantation is impossible because the crown and root surfaces of these teeth are cracked and chipped. Clinical and radiological examination proved the possibility of immediate implantation. What material should be preferred for the implants?
Correct answer	Titanium
B	Carbon
C	Porcelain
D	Platinum
E	Sapphire
№	krok 2014
Topic	complete removable dentures
Task	A patient presented to a dental clinic for the purpose of prosthetics. Objectively: completely edentulous mandible. There is marked and uniform atrophy of the alveolar portion. Frenula and folds are characterized by high attachment. Specify the type of mandibular atrophy according to Keller classification:
Correct answer	Class II
B	Class I
C	Class III
D	Class IV
E	Class V

№	krok 2014
Topic	dental splints
Task	A 45-year-old male patient working as an actor consulted a dentist about mobility of his front mandibular teeth, gingival hemorrhages during tooth brushing. Objectively: gingival hyperemia and hemorrhage, periodontal pockets in the front portion of the mandible are up to 5 mm deep, tooth mobility of the I-II class is present. What kind of splinting the mandibular front teeth will be optimal for this patient?
Correct answer	Fiber-reinforced adhesive splint
B	Cap splint
C	Ligature wire
D	Full crown splint
E	Cast pin splint
№	krok 2014
Topic	complete removable dentures
Task	A 70-year-old completely edentulous patient undergoes treatment with complete removable dentures. Artificial teeth are placed upon a spherical surface. Specify the average radius of the spherical surface that would ensure close teeth contact during the mandible motions:
Correct answer	9 cm
B	5 cm
C	7 cm
D	12 cm

E	18 cm
№	krok 2013
Topic	artificial crowns
Task	An orthopedist plans to fabricate a porcelain-fused-to-metal crown for the 23 tooth. In order to correct its abnormal position in the dental arch the orthopedist is going to use a cast post and core. What is the maximum permissible value (in degrees) of the core deviation from the tooth axis?
Correct answer	15
B	10
C	06.Cep
D	4
E	20-25
№	krok 2013, 2012
Topic	dental splints
Task	A 42-year-old female patient complains of tooth mobility, difficult mastication. Objectively: face configuration is unchanged. The 35, 36, 38, 44, 46, 48 teeth are missing. The 31, 32, 41, 42 teeth exhibit 1-2 grade mobility. What is the most efficient denture construction in this case?
Correct answer	Whole-piece splint with vestibular clowlke hooks
B	Whole-piece splint with Roach clasps and a multijoint clasp
C	Mamllok splint
D	Removable plastic splint
E	Interdental splint



№	krok 2013
Topic	removable partial dentures
Task	A 65-year-old patient needs prosthetic services. Objectively: the 43, 33 teeth are decayed by 2/3. EPT result is 6 mA. Other teeth in the lower jaw are missing. What crowns should be fabricated for fixing the removable denture?
Correct answer	Telescopic crowns
B	Equator crowns
C	Full cast crowns
D	Plastic crowns
E	Portion crowns
№	krok 2013
Topic	artificial crowns
Task	A 20-year-old patient seeks dental prosthetics. Objectively: on the occlusal surface of the 16 tooth there is a cavity, two walls of the tooth crown are intact. Method of orthopedic treatment is determined by the degree of destruction of the occlusal surface of teeth (IROPZ-index). Who suggested its definition?
Correct answer	Milikevich
B	Kopeikin
C	Shcherbakov
D	Kurlyandsky
E	Gavrilov
№	krok 2013
Topic	artificial crowns

Task	A 19-year-old patient needs a plastic crown for the 22 tooth. The orthopedist has already taken working and auxiliary impressions. What technological process should be next?
Correct answer	Moulding of a plaster model
B	Making a wax crown model
C	Investment of plastered model into a cuvette
D	Making a plastic crown model
E	Processing, polishing of the crown
№	krok 2013
Topic	material science
Task	An 18-year-old student needs prosthetic porcelain-fused-to-metal denture for the 11, 21 teeth. There are no contraindications for the use of such construction. What is the most appropriate material for taking impressions?
Correct answer	Sielast
B	Stomalgin
C	Orthocor
D	Stens
E	Repin
№	krok 2013
Topic	removable partial denrures

Task	A 50-year-old patient complains of missing of the 37, 36, 45, 46, 47 teeth. The 35, 38, 44, 48 teeth are intact, stable, with anatomically shaped crowns, rather high, relatively parallel to each other. Boundary line has a typical direction along the 35, 44 abutment teeth. What fixation element should be used in a clasp prosthesis supported by the 35, 44 teeth?
Correct answer	Akers' clasp
B	Roach clasp
C	Jackson clasp
D	Telescopic fixation
E	Wrought wire clasp
№	krok 2013
Topic	dental splints
Task	A 23-year-old serviceman needs orthopedic treatment in a specialized hospital. The patient has been diagnosed with false joint in the anterior lower jaw. The teeth are intact, stable, 3 on each side. Orthopedic treatment can be carried out using a bridge prosthesis, if the jaw defect is no bigger than:
Correct answer	1 cm
B	3 cm
C	3,5 cm
D	2 cm
E	2,5 cm
№	krok 2013
Topic	maxillofacial prostodontics

Task	A 59-year-old patient presented to a clinic for prosthetics. Three months ago he was treated for the fracture of the body of mandible on the left. The 18, 27, 28, 38, 32, 31, 41, 42, 43, 44, 45, 47, 48 teeth are missing. The patient has left-sided cross-bite with lateral occlusal contact. What tactics should be chosen?
Correct answer	Removable denture with double dentition
B	Selective teeth grinding followed by fixed prosthetics
C	Orthopedic treatment
D	Implant-supported fixed denture
E	Removable denture with Kemeny clasps
№	krok 2013
Topic	material science
Task	Floating obturators (Case's, Chasovskaya's etc.) for the defects in the hard and soft palate are fabricated according to impressions obtained by means of S-shaped spatula. Which impression material is used in this case?
Correct answer	Stens
B	Orthocor
C	Stomalgin
D	Dentafol
E	Plaster
№	krok 2013, 2012
Topic	artificial crowns

Task	A 43-year-old patient was found to have no crown of the 13 tooth. The root protrudes above the gum by 0,5-1 mm. The apical part is filled. History: coronal part of the tooth broke off three weeks ago. Prior to this the tooth had been treated for chronic periodontitis. Percussion is painless. The root edges are surrounded with hard moist mucous membrane of pale pink colour. Specify the dentist's tactics:
Correct answer	Fabricate a crown-root inlay and porcelain-fused-to-metal crown
B	Extract the tooth root
C	Fabricate a simple pivot crown
D	Restore the tooth by means of an anchor and photopolymer material
E	Fabricate a pivot Richmond crown
№	krok 2013
Topic	maxillofacial prostodontics
Task	A 25-year-old patient presented to a clinic on the fourth day after a face trauma complaining of pain in the lower jaw on both sides, difficult swallowing. Objectively: there is a slight swelling in the mental region, dentitions are intact but a fragment of 44 43 42 41 31 32 33 34 teeth is displaced downwards and backwards. Single-step fragment reposition is not effective. Which appliance should be used for the fragment reposition?
Correct answer	Post's
B	Kurlyandsky cap splint for one jaw
C	Weber's

D	Betelman's
E	Schur's
№	krok 2013
Topic	dental office equipment
Task	It is planned to open a city dental clinic to serve 200,000 of adult population. How many positions of dentists should be provided for the orthopedic department?
Correct answer	20
B	30
C	15
D	10
E	5
№	krok 2013
Topic	artificial crowns
Task	At a prosthetics dentistry clinic a 35-year-old patient received a porcelain-fused-to-metal crown for the 21 tooth. What is the minimum warranty period for porcelain-fused-to-metal crowns under the current legislation?
Correct answer	12 months
B	24 months
C	36 months
D	6 months
E	3 months
№	krok 2013
Topic	removable partial dentures

Task	A 56-year-old patient has indications for a clasp denture for the upper jaw. Objectively: the 15, 16, 17, 18, 25, 26, 27, 28 teeth are missing. What are the construction peculiarities of the denture in this case?
Correct answer	Indirect retainers
B	Reduced number of clasp elements
C	Increased occlusal surface of artificial teeth
D	Denture bar is located in the anterior third of palate
E	Rigid clasp elements
№	krok 2013
Topic	artificial crowns
Task	A 22-year-old patient complains of discolouration of the 11 tooth. Objectively: the 11 tooth is pink, hard tissues are intact, percussion is painless, mucous membrane around the tooth is unchanged. Radiography shows that the 11 tooth root canal is filled to the top, there are no changes in the periapical tissues. The deep incisal overlap is present. What is the most suitable construction in this clinical situation?
Correct answer	Porcelain veneer
B	Combined Belkin crown
C	Porcelain-fused-to-metal crown
D	Metal-plastic crown
E	Plastic crown
№	krok 2013
Topic	anatomy

Task	A 45-year-old patient presented to a prosthodontics clinic. During the objective examination the doctor checked the sagittal movements of the lower jaw. What muscles are responsible for sagittal movements of the lower jaw?
Correct answer	Lateral pterygoid muscles
B	Medial pterygoid muscles
C	Mandibulohyoid muscle
D	Digastric muscle
E	Mentohyoid muscle
№	krok 2013
Topic	anatomy
Task	A 55-year-old patient presented to a prosthetic dentistry clinic for prosthetics. During the patient examination the movements of the lower jaw were checked. Specify the position of the heads of mandible relative to the articular tubercle with maximal mouth opening:
Correct answer	At the top of the articular tubercle
B	The heads slide over the surface of the articular tubercle
C	At the anterior edge of the articular tubercle
D	At the base of the articular tubercle
E	At the posterior edge of the articular tubercle
№	krok 2013
Topic	artificial crowns



Task	A patient with a relevant history of allergic reactions had undergone tests for allergic sensitivity to metals. According to indications, the bridges of precious metal (gold) were fabricated. Specify the warranty period starting from the day of finishing the prosthetic procedures?
Correct answer	12 months
B	3 months
C	6 months
D	9 months
E	18 months
№	krok 2012
Topic	artificial crowns
Task	A 54-year-old woman complains about wear of the 35 and 36 teeth and pain caused by thermal and chemical stimuli. Objectively: crowns of the 35 and 36 teeth are worn by 1/3 of their height (horizontal type), the 24, 25 26 teeth have fullcast crowns. What crowns should be made for the 35 and 36 teeth?
Correct answer	Fullcast
B	Combined Belkin's
C	Metal stamped
D	Plastic
E	Metal-ceramic
№	krok 2012, 2011
Topic	maxillofacial prostodontics

Task	A 59-year-old patient has a bilateral fracture of mandible in the region of the 44, 34 teeth, other masticatory teeth are missing, toothless fragments are not displaced but mobile. Which orthosis should be used for the immobilization of bone fragments?
Correct answer	Vankevich splint with orthodontic elastics
B	Rudko's apparatus
C	Limberg's splint
D	Petrosov's apparatus
E	Zbarzh apparatus
№	krok 2012
Topic	maxillofacial prostodontics
Task	A 23-year-old military servant needs orthopaedic treatment at a specialized hospital. He was diagnosed with false joint of mandible in its frontal part. The teet are intact, stable, in threes on each side. Orthopaedic treatment by means of a bridge denture will be possible only if the jaw defect is no more than:
Correct answer	1 cm
B	2 cm
C	3 cm
D	3,5 cm
E	4 cm
№	krok 2012, 2011
Topic	complete removable dentures

Task	A 60-year-old patient complains of pain in the masticatory muscles and temporomandibular joints. The pain occurs when she uses complete removable dentures fabricated a month ago. Objectively: the lower third of the face is elongated, the lips can be closed with difficulty, smiling causes exposure of the denture base, the articulation is impaired. A mistake must have been made at the following stage of denture fabrication:
Correct answer	Determination and fixation of the central occlusion
B	Taking anatomic impressions
C	Taking functional impressions
D	Testing the denture construction
E	Fitting the dentures and their correction
№	krok 2012
Topic	material science
Task	A 32-year-old female patient needs dental prosthetics. After the objective examination it was decided to use ceramic-metal crown. What impression material should be used for taking impressions for this construction?
Correct answer	Stomaflex
B	Plaster
C	Stomalgin
D	Stens
E	Orthocor
№	krok 2012
Topic	removable partial denrures

Task	A 52-year-old patient presented to the prosthetic dentistry clinic complaining of missing upper jaw teeth and difficult mastication. The patient has an indication for a partial laminar denture for the upper jaw with retaining clamps on the 14, 23 teeth. What kind of denture stabilization will enable such positioning of the clasps?
Correct answer	Transversal
B	Sagittal
C	Diagonal
D	Sagittally-transversal
E	Diagonally-sagittal
№	krok 2012
Topic	maxillofacial prostodontics
Task	A 25-year-old patient got a trauma in the chin region. On the basis of X-ray he was diagnosed with bilateral mental fracture of mandible. Specify the direction of displacement of the minor fragment:
Correct answer	Downward and backward
B	Upward and forward
C	Upward and backward
D	Downward and forward
E	There is no displacement
№	krok 2012
Topic	dental splints

Task	A 43-year-old patient complains about mobility of lower jaw teeth. Objectively: the dentition is intact. Tooth mobility is of I-II grade. It is planned to immobilize teeth by means of a removable splint common for the whole dentition. What stabilization will be provided by means of this splint?
Correct answer	Circle
B	Frontal
C	Frontal-lateral
D	Sagittal
E	Transversal
№	krok 2012
Topic	removable partial dentures
Task	A patient needs a clasp denture for the lower jaw. Objectively: dental formula is 31, 32, 33, 34, 41, 42, 43, 44. The 44 tooth is inclined toward the cheek. What type of Ney's clasp should be used?
Correct answer	Fourth
B	First
C	Second
D	Third
E	Fifth
№	krok 2012, 2010
Topic	complete removable dentures

Task	A 65-year-old patient complains about unsatisfactory fixation of complete removable lamellar denture of his upper jaw. The denture was fabricated 6 years ago. Objectively: balancing and poor fixation of complete removable denture is present. What is the reason of such condition?
Correct answer	Atrophy of osseous base of the prosthetic bed tissues
B	Wear of artificial teeth
C	Bad hygiene of removable denture
D	Discoloration of basic plastic
E	Loss of certain antagonists
№	krok 2012
Topic	artificial crowns
Task	A 57-year-old patient complains about mobility of his metal-ceramic dental bridge supported by the 33, 37 teeth. The bridge has been in use for 9 months. Objectively: X-ray picture shows alveolar process atrophy by 2/3 in the area of the 33, and by 1/2 of root length in the area of the 37; there are pathological pockets, gingivitis. What is the cause of pathological mobility of supporting teeth?
Correct answer	Functional shifting of supporting teeth under stress
B	Injuring of circle ligament by crown edges
C	Devitalization of supporting teeth
D	Massive grinding off of hard tissues
E	Garland modelling in the precervical region
№	krok 2012

Topic	removable partial dentures
Task	A 47-year-old patient came to an orthopaedic stomatology center with complaints about missing tooth in the frontal part of his upper jaw, cosmetic defect. Objectively: the occlusion is orthogenic, the 11 tooth is missing. Anamnesis data: the patient had myocardial infarction 3 months ago. What denture should be applied for the time being?
Correct answer	Partial removable lamellar denture
B	Bridge denture supported by the 21 and 12 teeth
C	Bridge denture supported by the 21 tooth
D	Clasp denture
E	Implant
№	krok 2012
Topic	complete removable dentures
Task	A 70-year-old patient is awaiting complete removable dentures for both upper and lower jaws. Teeth placement will be made by Vasilyev's method. What teeth in the upper denture must not touch glass?
Correct answer	Lateral incisors and second molars
B	Central incisors and first molars
C	First and second premolars
D	Canines and first molars
E	Second premolars and first molars
№	krok 2012, 2008
Topic	maxillofacial prostodontics

Task	A patient has got a traumatic fracture of mandible in the area of the missing 34,35 teeth with a slight displacement and a defect of alveolar part in the area of the 34, 35 teeth. Other teeth on both lower and upper jaws are intact. What splint would be optimal in this case?
Correct answer	Tigerstedt's splint with a spreading curve
B	Plain splint cramp
C	Port's splint
D	Vasilyev's splint
E	Vankevich splint
№	krok 2012
Topic	maxillofacial prostodontics
Task	A 25-year-old male patient has bilateral fracture of the lower jaw. A fragment in the region of the 44, 43, 42, 41, 31, 32, 33, 34 teeth is displaced downward and backward. What appliance should be used for the fragment reposition?
Correct answer	Post's appliance
B	One-jaw bite-guard splint
C	Kurlyandsky's appliance with levers
D	Weber's appliance
E	Shur's appliance
№	krok 2012
Topic	removable partial dentures



Task	A 35-year-old patient seeks prosthetic dentistry. Objectively: 18, 14, 13, 12, 11, 21, 22, 23, 24, 28. The crowns confining the defect are high and stable. To restore the integrity of the dentition it is planned to fabricate a one-piece clasp denture. What kind of mechanical fixator should be used?
Correct answer	Bar fixation
B	Supporting-retaining clasps
C	Retaining clasps
D	Telescopic fixation
E	Dentoalveolar clasps
№	krok 2012
Topic	maxillofacial prostodontics
Task	A 40-year-old patient complains about difficult mastication as a result of lower jaw displacement. He has a history of mental fracture 2 months ago. Objectively: the 35, 36, 38 ... 45, 46 teeth are missing. Remaining teeth are intact. The 43, 44, 47, 48 teeth have no contact with antagonists and their oral deviation makes up 1 cm. What is the optimal construction of lower jaw denture?
Correct answer	Denture with double dentition
B	Metal-ceramic dental bridge
C	Soldered splint on rings
D	Removable lamellar denture
E	Adhesive dentur
№	krok 2012
Topic	removable partial denrures

Task	A 51-year-old lecturer presented to the orthopaedic department and complained about painfulness and mobility of his frontal teeth of the lower jaw. Cervices of the 42, 41, 31, 32 teeth are exposed, III grade mobility with deep pathological pockets is present. When would it be reasonable to fix dentures after dental extraction?
Correct answer	On the day of dental extraction
B	In 16-30 days
C	In 2-3 months
D	In 4-6 months
E	In 5-6 days
№	krok 2012, 2010, 2009
Topic	maxillofacial prostodontics
Task	A 62-year-old patient has a median fracture of mandible along with formation of a false joint. Objectively: dental formula is 33, 34, 35, 36, 27, 47, 46, 45, 44,43 The teeth are intact, stable, with high crowns. Fragment mobility is insignificant, there is no displacement. X-ray picture shows a bone defect 0,8 cm large. What prosthesis is indicated?
Correct answer	Bridge-like prosthesis with a pivot point
B	Lamellar prosthesis without a pivot point
C	Lamellar prosthesis with Gavrilow's pivot point
D	Lamellar prosthesis with Oxman's pivot point
E	Lamellar prosthesis with Weinstein's pivot point
№	krok 2012

Topic	maxillofacial prostodontics
Task	A 52-year-old patient complains of teeth mobility, gingival haemorrhage. The 44, 45, 34, 35 teeth exhibit I grade mobility, the 43, 42, 41, 31, 32, 33 teeth exhibit II grade mobility. There is gingival edema, periodontal pockets are 5-6 mm deep. X-ray picture shows destruction of bone tissue by 1/2 of root length. The patient has been diagnosed with generalized periodontitis of median severity. What orthopaedic construction is most efficient in this situation?
Correct answer	Elbrecht splint
B	Plastic mouthguard
C	Murray's splint
D	Mamlock splint
E	Temporary Novotny splint
№	krok 2012, 2010
Topic	complete removable dentures
Task	A 73-year-old patient consults a dental orthopaedist about total edentia. Objectively: there is insignificant regular atrophy of the alveolar process of mandible, the process is covered with mucous membrane of moderate elasticity. According to Keller's classification, such manifestations are characteristic for the following type of edentulous jaw:
Correct answer	First
B	Third
C	Fifth

D	Second
E	Fourth
№	krok 2011, 2009
Topic	removable partial dentures
Task	A 50-year-old patient complains about missing of the 37, 36, 45, 46, 47 teeth. The 35, 38, 44, 48 teeth are intact and stable, their crowns exhibit anatomic form, sufficient height, relative parallelism. Fulcrum line typically goes through the 35 and 44 abutment teeth. What fixing element should be used in a clasp denture supported by the 35, 44 teeth?
Correct answer	Acker clasp
B	Roach clasp
C	Jackson clasp
D	Telescopic fixation
E	Bent wire clasp
№	krok 2011, 2009
Topic	removable partial dentures
Task	A 39-year-old patient needs a clasp denture with porcelain teeth for the lower jaw. What method should be applied while substituting wax with plastic in order to avoid mold flash that may cause bite opening?
Correct answer	Method of transfer molding
B	Direct method of compression molding
C	Inverse method of compression molding
D	Combined method of compression molding

E	In water under pressure
№	krok 2011
Topic	maxillofacial prostodontics
Task	A 62-year-old patient has a median mandibular fracture complicated by pseudoarthrosis. Objectively: the dental formula is 33, 34, 35, 36, 37, 47, 46, 45, 44, 43. The teeth are intact, stable, with high crowns. There is minor mobility of fragments without displacement. What is the most appropriate type of denture for this patient?
Correct answer	Dental bridge without a pivot point
B	Lamellar denture without a pivot point
C	Lamellar denture with Gavrilow's pivot point
D	Lamellar denture with Oksman's pivot point
E	Lamellar denture with Weinstein's pivot point
№	krok 2011
Topic	maxillofacial prostodontics
Task	A 40-year-old patient has an open occlusion resulting from the bilateral fracture of his upper jaw and following malunion of fragments. The occlusal vertical dimension is maintained only by molar teeth. There is a gap of about 1-1,5 mm between the rest of teeth. The dentitions are without gaps. What kind of treatment would be most appropriate in this situation?
Correct answer	The molar teeth should be ground off and covered with crowns
B	Orthodontic treatment
C	Combined apparatus and surgical treatment

D	Open reposition
E	Prosthetics with combined crowns
№	krok 2011
Topic	complete removable dentures
Task	An 80-year-old patient presented to a clinic for the adjustment of the impression tray for the upper jaw. Objectively: alveolar process exhibits marked homogenous atrophy, maxillary tubers are absent, torus is weakly expressed. Buccal muscles and frenulum of the upper lip are attached almost at the top of the alveolar process, the palatal slope is not steep. How to adjust the impression tray in order to make a close-fitting valve?
Correct answer	To extend the borders along the A line
B	To extend the external borders
C	To extend the borders in the frontal region
D	To extend the borders in the region of maxillary tubers
E	To overlay buccal muscles and frenulum with the impression tray
№	krok 2011
Topic	removable partial dentures
Task	A 45-year-old patient presented to a clinic for prosthetics. Objectively: Kennedy III type, I subtype dentition defect is present, the 46, 45, 44, 34, 35, teeth are missing. The bite is fixed. The Crowns of the 47, 43, 33, 37 teeth are high, of a well-defined anatomical shape, intact. It is planned to fabricate a clasp denture. What system of the clasp denture fixation is the most appropriate in this case?

Correct answer	Rumpel's bar system
B	Attachments
C	Roach clasp
D	Continuous clasp
E	Telescopic system
№	krok 2011
Topic	maxillofacial prostodontics
Task	A 75-year-old patient has been admitted to the dental department for the right-angle mandibular fracture with a displacement. Objectively: the face is asymmetric due to the post-traumatic swelling, palpation reveals the mobility of fragments and pain. The patient has a lifelong history of epilepsy. What is the best method of treatment?
Correct answer	Osteosynthesis
B	Immobilization with Vasilyev splints
C	Immobilization with Tigerstedt splints
D	Immobilization with Port splint
E	Immobilization with Vankevich splint
№	krok 2011
Topic	maxillofacial prostodontics
Task	A patient has been diagnosed with traumatic open angular fracture of mandible with a fragments displacement. Which of the following should be applied for transport immobilization of the fragments?

Correct answer	Entin head-chin strap
B	Tigerstedt splints
C	Standard Vasyliev splints
D	Gunning splints
E	Weber splints
№	krok 2011
Topic	removable partial dentures
Task	A 50-year-old patient needs dental prosthetics. Objectively: the 14, 15, 16, 17, 24, 25, 26, 27 teeth are missing. The state of the abutment teeth is satisfactory. What type of fixation will provide the best conditions for the stabilization of a removable denture?
Correct answer	Planar
B	Sagittal
C	Transversal
D	Linear
E	Point
№	krok 2011
Topic	micro prosthesis
Task	A 29-year-old patient undergoes a procedure of a metal inlay fabrication by the direct method. The inlay is intended for the 26 tooth. Objectively: the 26 tooth presents a Black class I carious cavity. Electroodontometry results - 6 mA. Examination of the ready inlay revealed a casting defect in the region of the external angle. The dentist's further actions will be:



Correct answer	Fabrication of a new inlay
B	Cement fixation of the inlay
C	Plastic fixation of the inlay
D	Inlay fixation and restoration of the defect with a composite
E	Inlay fixation and restoration of the defect with amalgam
№	krok 2011
Topic	removable partial dentures
Task	A 53-year-old patient complains of missing of mandibular teeth. He has a history of microstomy. Objectively: the 31, 32, 35, 36, 37, 38, 41, 42, 45, 46, 47 and 48 teeth are missing. The remaining teeth are stable, immobile. What kind of denture construction is recommended for this patient?
Correct answer	Collapsible removable partial lamellar denture
B	Removable partial lamellar denture
C	Dental bridge supported by the 43, 33 teeth and removable denture
D	Clasp denture
E	Splint-denture
№	krok 2011
Topic	artificial crowns
Task	A 36-year-old patient requires a full coverage swaged metal crown for the tooth. The patient presented to a clinic for the crown adjustment. During the adjustment it was revealed that the crown was too loose to fit the tooth cervix properly. How to eliminate this defect?

Correct answer	To get an impression and swage the crown anew
B	To swage a new crown using the same matrix
C	To bend in the crown edges by using beak-shaped forceps
D	To anneal the crown
E	To bend in the crown edges by using clamp forceps
№	krok 2011, 2009
Topic	material science
Task	A 38-year-old patient ordered a clasp upper jaw prosthesis. Its fabrication involves forming of a fireproof model. What material should be applied for duplication?
Correct answer	Gelin
B	Stomatoplast
C	Stomalgin
D	Orthocor
E	Dentafol
№	krok 2011
Topic	maxillofacial prostodontics
Task	A 68-year-old patient had a stroke, after which she now often experiences urges to vomit causing unilateral TMJ dislocations. The dislocations could only be reduced under anesthesia. The 21-28, 15, 16, 17, 18, 36, 37, 44, 46, 47 teeth are missing. What denture construction is optimal for this patient for the treatment period?
Correct answer	Removable lamellar denture with a mouth opening stopper

B	Schroeder appliance with sliding pivot
C	Petrosov's appliance with a stopper
D	Yadrova's appliance
E	Khodorovich-Burgonskaya appliance with a stopper
№	krok 2011
Topic	maxillofacial prostodontics
Task	A 50-year-old patient needs a splint for the lower front teeth. Objectively: the 33, 32, 31, 41, 42, 43 teeth present I-II class mobility and are devitalized. Which splint would be the most appropriate in this case?
Correct answer	Mamluk-type splint
B	Elbrecht's splint
C	Kurliandsky splint
D	Murray's splint
E	Van Thiel splint
№	krok 2011
Topic	removable partial dentures
Task	A 57-year-old patient complains of mobility of all mandibular teeth. Objectively: the 34, 35, 36, 45, 46, 47 teeth are missing. Orthopantomogram of the remaining teeth shows resorption of the alveolar process within 1/3 of interdental septa height. What construction should be offered to the patient?
Correct answer	Clasp denture with splinting appliances
B	Bridge dentures in the region of masticatory teeth
C	Partial removable lamellar denture

D	Cap splint
E	Van-Thiel splint
№	krok 2011
Topic	material science
Task	Following the upper jaw examination (according to Schroeder) a 65-year-old patient was found to have atrophied maxillary tubers, alveolar processes covered with atrophic, thin and pale mucous membrane. What kind of functional impression technique should be applied?
Correct answer	Decompressive
B	Compressive
C	Dosated
D	Pressure-free
E	Differentiated
№	krok 2011
Topic	material science
Task	A 62-year-old patient presented to the prosthodontics clinic with complaints about poor fixation of complete removable lamellar dentures that shows up during talking and wide mouth opening. The dentures were fabricated 5 days ago. In course of denture fabrication process a mistake was made during:
Correct answer	Obtaining the functional impression
B	Occlusal plane orientation
C	Interalveolar dimension measurement
D	Wax reproduction check

E	Plastic polymerization
№	krok 2011
Topic	complete removable dentures
Task	A 47-year-old patient with completely edentulous upper jaw underwent delayed implantation with cylindrical implants. Prosthetics is recommended in:
Correct answer	5-6 months
B	24 hours
C	2 weeks
D	1 month
E	3 months
№	krok 2011
Topic	maxillofacial prostodontics
Task	A 28-year-old male patient presented to a clinic on the 2nd day after the face trauma and complained of bilateral mandibular pain, difficult swallowing and obstructed breathing. Objectively: there was a slight swelling in the region of the molars on both sides, the teeth were intact but the jaw fragment with the 43, 42, 41, 31, 32, 33 teeth deviated downward and backward. Manual reposition didn't produce any positive result. Which appliance should be used for treatment?
Correct answer	Post's appliance
B	One-jaw Katz appliance
C	One-jaw Kurliandsky appliance
D	Brun appliance

E	Betelman appliance
№	krok 2011
Topic	maxillofacial prostodontics
Task	An 18-year-old patient presented to the orthopedic department with complaint of a large diastema. Objectively: bodily lateral movement of central incisors induced by the missing 12, 22 teeth. What is the optimal appliance for moving the central incisors together?
Correct answer	Korkhaus apparatus
B	Vasilenko apparatus
C	Cotton ligature
D	Kalvelis apparatus
E	Begg appliance
№	krok 2011
Topic	dental bridges
Task	During the examination of a soldered dental bridge supported by the 35 and 38 teeth the following flaws were revealed: the pores in the soldered joints between the intermediate part and supporting crowns, strongly expressed masticatory tubercles, early contact with the opposing teeth, the intermediate part is tightly adjacent to the mucous membrane of the alveolar process. What is the way to eliminate these defects?
Correct answer	To remake the dental bridge
B	To correct the intermediate part
C	To correct the masticatory surface and polish the joints

D	To correct the masticatory surface and increase the height of the intermediate saddle part up to 2mm
E	To remove the tubercles of opposing teeth
№	krok 2011
Topic	dental splints
Task	A 43-year-old female patient complains of mobility of the lower front teeth. Objectively: the 48, 47, 46, 45, 44, 34, 35, 36, 37, 38 teeth are missing. The 43, 42, 41, 31, 32, 33 teeth exhibit grade II mobility, the mucous membrane around them is swollen and cyanotic. What splinting construction is optimal for this patient?
Correct answer	Composite splint reinforced with fiberglass
B	Partial removable denture with a vestibular bar
C	Clasp denture with multilink clasp and claw-like processes
D	Clasp denture with antithrowers
E	Clasp denture-splint in the frontal part
№	krok 2011, 2010
Topic	maxillofacial prostodontics
Task	A 58-year-old patient was diagnosed with fracture of lower jaw with formation of a false joint. Objectively: the 38, 36, 32, 41, 43, 48 teeth are missing. Preserved teeth are intact, stable. There is no displacement of lower jaw fragments. X-ray picture shows a bone tissue defect to up 2 cm large. What construction of prosthesis is indicated in this situation?
Correct answer	Fixed Oxman's prosthesis with pivot point
B	Oxman's single-jointed prosthesis with pivot point

C	Gavrilow's prosthesis with pivot point
D	Kurlyandsky prosthesis with roller damper clasp
E	Oxman's double-jointed prosthesis with pivot point
№	krok 2011, 2010
Topic	maxillofacial prostodontics
Task	A 49-year-old male patient complains about gingival haemorrhage, teeth mobility in the frontal region of his lower jaw, hypersensitivity of dental cervixes. X-ray picture shows widening of periodontal fissure in the region of the 42, 41, 31, 32 teeth, as well as resorption of alveolar process tissue to 1/3 of root length. The 42, 32 teeth present with I degree mobility, the 41, 31 teeth present with II degree of teeth mobility. What temporary splint should be used for frontal stabilization of dentition?
Correct answer	Novotny
B	Mamlock
C	Treuman
D	Kogan
E	Kopeinin
№	krok 2011
Topic	complete removable dentures
Task	A 60-year-old patient presented to a clinic for checking her complete removable denture. During the teeth placement on the wax bases a gap between the front teeth and cuspal interference of the lateral teeth was revealed. What mistake was made?
Correct answer	The patient was found to have anterior occlusion instead of centric one



B	The patient was found to have posterior occlusion instead of centric one
C	The patient was found to have lateral occlusion instead of centric one
D	The models were improperly plastered in the occludator
E	During establishing the centric occlusion, the occlusal rims were overpressed
№	krok 2011, 2009
Topic	removable partial dentures
Task	A 45-year-old female patient consulted a prosthodontist about dental prosthetics. She works as TV announcer. Objectively: the lower jaw dentition is without spaces, the upper jaw has a free-end edentulous space and a boundary edentulous space in the lateral parts. The remaining 18, 17, 13, 12, 11, 21, 22, 23,24 teeth are stable. What fixing elements should be used in a clasp denture for cosmetic purposes?
Correct answer	Attachments and bar system
B	Telescopic crowns
C	Ney clasps
D	Jackson clasps
E	Dentoalveolar clasps
№	krok 2011, 2009
Topic	complete removable dentures

Task	A completely edentulous 70-year-old patient has ordered complete removable dentures. Artificial teeth are placed upon the spherical surface. Close teeth contact by movements of the lower jaw will be guaranteed by the following average radius of the spherical surface:
Correct answer	9 cm
B	5 cm
C	7 cm
D	12 cm
E	18 cm
№	krok 2011
Topic	removable partial dentures
Task	A 65-year-old patient complains of a break off of three front artificial porcelain teeth of the removable denture fabricated 2 months ago. In what way are the porcelain teeth linked with the plastic denture base?
Correct answer	By means of crampton-fixing wire elements
B	By means of glue
C	Due to physicochemical connection
D	By means of clasps
E	By means of diatoric cavities
№	krok 2011, 2010
Topic	dental splints

Task	A 52-year-old patient complains about teeth mobility, gingival haemorrhage. The 44, 45, 34, 35 teeth present with I degree mobility, the 43, 42, 41, 31, 32, 33 teeth present with II degree of teeth mobility. There is gingival edema, parodontal pouches are 5-6 mm deep. X-ray picture shows destruction of bone tissue by 1/2 of root length. A dentist made a diagnosis: generalized periodontitis of median severity. What orthopaedic construction is the most efficient in this situation?
Correct answer	Elbrecht splint
B	Plastic mouthguard
C	Murray's splint
D	Mamlock splint
E	Temporary Novotny splint
№	krok 2011
Topic	removable partial dentures
Task	A 63-year-old patient requires a full-arch denture for the upper jaw. Objectively: the 18, 17, 16, 15, 25, 26, 27 teeth are missing, the gag reflex is not marked, the torus is of average size. In order to avoid possible inconvenience while using the denture, the arch should be located at the following distance from the palatine fossae:
Correct answer	10-12 mm
B	4-8 mm
C	23-25 mm
D	2-3 mm

E	16-22 mm
№	krok 2010
Topic	removable partial dentures
Task	A 55-year-old woman complains about liquid pouring through her nose during eating of fluid food. Objectively: there is a perforating defect of alveolar process 3x2,8 cm deep in the lateral part of the upper jaw at level with the extracted tooth. The patient refused operative intervention. What construction should be offered?
Correct answer	Minor saddle prosthesis with clasp fixation
B	Clasp dental prosthesis with obturating element made of elastic plastic
C	Partial removable lamellar prosthesis
D	Fixed dental bridge
E	Celluloid mouth protector
№	krok 2010
Topic	artificial crowns
Task	A 24-year-old female patient complains about hard tissues defect of the 21 tooth. Objectively: the 21 tooth is destroyed by 1/3 along the cutting edge, it is changed in color. X-ray picture shows that the root canal is filled to the top. It was decided to fabricate a plastic crown. Where should the crown edge be situated against the marginal gingiva?
Correct answer	At a level with gingiva
B	0,5 mm away of gingiva

C	1,0 mm away of gingiva
D	0,5 mm below the gingiva
E	1,0 mm below the gingival
№	krok 2010
Topic	complete removable dentures
Task	A 70-year-old male patient ordered complete removable dentures for both jaws. In the clinical stage he came for "identification of central relationship". For verification of interalveolar height the patient underwent speaking test. The patient was asked to pronounce the sounds "O", "E", "M". What distance should be between the occlusal rims for correct identification of interalveolar height?
Correct answer	5-6 mm
B	9-10 mm
C	3-4 mm
D	1-2 mm
E	7-8 mm
№	krok 2010
Topic	bytes
Task	An 18-year-old patient complains about an aesthetic defect. Objectively: the lower teeth are set forward and overlap the upper antagonists. This symptom is typical for the following bite abnormality:
Correct answer	Mesial bite
B	Distal bite

C	Deep bite
D	Open bite
E	Cross bite
№	krok 2010
Topic	complete removable dentures
Task	A 70-year-old male patient complains about total teeth missing on both jaws. It is planned to fabricate a complete removable lower jaw prosthesis. Objectively: alveolar process of the lower jaw is atrophied only in the frontal aspect. Identify the type of lower jaw atrophy according to Keller's classification:
Correct answer	IV
B	II
C	I
D	III
E	-
№	krok 2010
Topic	material science
Task	A 18-year-old female patient ordered a metal-ceramic crown for the 24 tooth. It is necessary to choose an optimal impression material for combined impression of the upper jaw. What material should be used for a preliminary impression?
Correct answer	Stens
B	Dentafol
C	Orthocar
D	Wax

E	Protacryl
№	krok 2010
Topic	artificial crowns
Task	Physical examination of a patient revealed a hard tissues defect of the 24 tooth. Index of occlusal surface destruction was 0,8. The defect was restored by filling that doesn't meet the requirements. The tooth is of rose colouring. X-ray picture shows no pathological processes. What construction is indicated in this case?
Correct answer	Pivot crown
B	Artificial crown
C	Inlay
D	Portion crown
E	Equator crown
№	krok 2010
Topic	removable partial denrures
Task	A 58-year-old male patient has considerable microstomia as a result of a face trauma and burn. The patient has indication for fabrication of a partial removable prosthesis. What construction of prosthesis should be used in this case?
Correct answer	Collapsible prosthesis
B	Clasp dental prosthesis
C	Clasp dental prosthesis with attachments
D	Pivot-point removable prosthesis
E	Partial removable lamellar prosthesis

№	krok 2010
Topic	dental office equipment
Task	It is planned to organize a dental room with three universal dental sets. The total area of the room must be:
Correct answer	No less than 28 square metres
B	No less than 21 square metres
C	No less than 30 square metres
D	No less than 42 square metres
E	No less than 18 square metres
№	krok 2010
Topic	maxillofacial prostodontics
Task	A 60-year-old male patient has an extensive defect of nose caused by an injury. The patient temporarily refused operative intervention, it was suggested to fabricate an external nasal prosthesis fixed by eyeglass frame. What impression material should be used?
Correct answer	Gypseous impression of the whole face
B	Impression of the whole face with thermoplastic material
C	Impression of the defect with elastic material
D	Impression of the defect with thermoplastic mass
E	Gypseous impression
№	krok 2010, 2009
Topic	dental splints



Task	A 53-year-old patient consulted a prosthodontist about lateral teeth mobility, frequent falling out of fillings. Objectively: all the molars and premolars of the lower jaw exhibit I degree mobility. Approximal masticatory surfaces have fillings. What splint construction should be applied in this case?
Correct answer	Inlay splint
B	Fixed crown splint
C	Crown cap splint
D	Equator crown splint
E	Intradental splint
№	krok 2010
Topic	maxillofacial prostodontics
Task	A 43-year-old patient complains about 43 teeth mobility in the frontal region of his lower jaw, as well as significant cervixes exposure. Objectively: gums in the region of the 44, 43, 42, 41, 31, 32, 33, 34 teeth are pale with cyanotic tint. The 42, 41, 31, 32 teeth present with I-II degree mobility. The 42, 41, 31, 31 teeth are overcrowded. The 42, 41, 31, 32 teeth have cervix exposure by 1/2 and the 43, 33 teeth have cervix exposure by 1/4. What orthopaedic construction should be used in this situation?
Correct answer	One-piece guard
B	Cast bar Kurliandsky splint
C	Cap splint
D	Portion crown splint
№	krok 2010, 2009

Topic	dental bridges
Task	A patient undergoes orthopaedic treatment of bounded edentulous spaces on the upper jaw. He needs fixed full-cast dentures. During his second visit it is required to check whether the internal surface of the metal framework of the future metal-ceramic denture matches the surfaces of the prepared teeth. In what way could this be done?
Correct answer	In the oral cavity by means of silicone materials
B	Visually by means of models in the articulator
C	In the oral cavity by means of tracing paper
D	In the oral cavity by means of a wax plate
E	In the oral cavity by means of stomatoscopic method
№	krok 2010
Topic	dental bridges
Task	A patient ordered soldered stainless-steel bridge prostheses. Their fabrication involves calibration of crown sleeves. Which device is used for this purpose?
Correct answer	Samson
B	Parker's
C	Larin's
D	Cope's
E	Bromshtrom
№	krok 2010
Topic	removable partial dentures

Task	A 48-year-old female patient complains about some discomfort induced by wearing an upper jaw clasp denture with elastic attachments. The patient notes the denture mobility during mastication and articulation. The patient asks to fabricate a new denture with consideration of the indicated defects. Clinical crowns of abutment teeth are low. What fixation should be the most efficient in this case?
Correct answer	Telescopic
B	Arch-bar
C	Locking
D	Saddle-type
E	Clasp
№	krok 2010
Topic	complete removable dentures
Task	A 75-year-old patient ordered a complete removable denture for the upper jaw. While adjusting the individual tray by Herbst's method the orthodontist revealed that the tray could be thrown off when the patient rounded his lips. What part of the tray requires correction?
Correct answer	Vestibular part between the canines
B	Distal part along the A line
C	In the region of buccal cords
D	Along the whole vestibular edge
E	Behind the maxillary tuber
№	krok 2010

Topic	dental bridges
Task	A 32-year-old patient complains about a cosmetic defect. Objectively: the crowns of 12, 11, 21, 22 teeth are destroyed by caries by 2/3 of their height. The occlusion is orthognathic. X-ray picture shows that root canals are filled to the top. There are no pathological changes in periapical tissues. What construction should be the most efficient in this situation?
Correct answer	Stump inlays and metal-ceramic crowns
B	Artificial metal swaged crowns
C	Restoration of tooth crowns with composite materials
D	Fabrication of plastic inlays
E	Richmond's pivot crowns
№	krok 2010
Topic	complete removable dentures
Task	The patient is 75 years old. The inspection of construction of complete removable dentures revealed that only lateral artificial teeth were in contact, there was a gap between frontal teeth. In the lateral part on one side cusp-to-cusp contact was present, on the other side there was a horizontal gap; the central line was deviated. What mistake was made?
Correct answer	The patient was thought to have lateral occlusion
B	Occlusal rims were irregularly softened
C	The patient was thought to have anterior occlusion
D	Interalveolar height was increased
E	Wax moulds were deformed while determining central occlusion

№	krok 2010, 2009
Topic	dental splints
Task	A 19-year-old patient complains about pain in the submental part of mandible. The day before he got a trauma. Objectively: there is a slight swelling of tissues in the mental area. The mouth can be opened widely enough. All the teeth are intact. Mucous membrane is edematic in the region of central incisors, it bleeds slightly. In this region mobility of mandible fragments is present. Occlusion is undisturbed. What splint should be chosen by the dentist?
Correct answer	Smooth brace
B	Splint with spacer bar
C	Splint with guide plane
D	Anchor splint with intermandibular fixation
E	Ivy loops for 31, 32, 42, 41
№	krok 2010
Topic	removable partial dentures
Task	A female patient consulted a dentist about dental prosthetics. Objectively: the lower third of the patient's face is shortened, nasolabial folds are deepened, frontal group of lower and upper jaw teeth is missing, the crowns of the 17, 15, 26, 27, 36, 37, 45, 47 teeth are worn off by 2/3 of their height, masticatory surfaces of these teeth are smooth and pigmented. The alveolar process isn't hypertrophied. Inter-alveolar height is decreased. Specify the form of pathological tooth wear in this patient:

Correct answer	Horizontal, noncompensated, III grade severity
B	Horizontal, compensated, II grade severity
C	Vertical, noncompensated, III grade severity
D	Vertical, compensated, III grade severity
E	Combined, noncompensated, III grade severity
№	krok 2010
Topic	maxillofacial prostodontics
Task	A 69-year-old patient underwent an operation for complete removal of his lower jaw. They took impressions of both jaws and fabricated a lower jaw replacement prosthesis before operation. What elements will provide fixation of this prosthesis in the oral cavity?
Correct answer	Foshar's spiral springs
B	Wire loops
C	Clasps
D	Magnets
E	Attachments
№	krok 2010
Topic	removable partial dentures
Task	A 47-year-old patient complains about discolouration of the 11, 12 teeth. Objectively: the 12, 12 are changed in colour, canals are filled to the top. It was decided to make metal-ceramic crowns for the 11, 12 teeth. What is the optimal angle for the preparation of approximal surfaces of abutment teeth?

Correct answer	5-8 degrees
B	15-20 degrees
C	10-15 degrees
D	20-25 degrees
E	30-35 degrees
№	krok 2010
Topic	maxillofacial prostodontics
Task	A 25-year-old male patient got bilateral fracture of the lower jaw. A fragment in the region of the 44, 43, 42, 41, 31, 32, 33, 34 teeth is displaced downward and backward. What appliance should be used for the fragment reposition?
Correct answer	Post's appliance
B	One-jaw bite-guard splint
C	Kurlyandsky's appliance with levers
D	Weber's appliance
E	Shur's appliance
№	krok 2010
Topic	maxillofacial prostodontics
Task	A 40-year-old patient is hospitalized with Le Fort II maxillary fracture. The teeth are intact. Choose the most appropriate apparatus for this patient:
Correct answer	Standard Zbarzh construction
B	Yadrova's apparatus
C	Rudko's apparatus

D	Yermolaev-Kulagov's apparatus
E	Gunning-Port's splint
№	krok 2010, 2009
Topic	material science
Task	A patient ordered partial removable lamellar dentures for the upper and lower jaw. An orthodontist took elastic alginate impressions of both jaws. What is his next step?
Correct answer	To send the impressions for disinfection
B	To let the impressions dry out in the open air
C	To invite a dental mechanic for joint analysis of the impressions
D	To send the impressions immediately to the laboratory
E	To put the impressions into the microten bag for 90 minutes
№	krok 2010
Topic	removable partial dentures
Task	A 45-year-old teacher consulted a prosthodontist about choosing efficient prosthetic tactics. Objectively: the 12, 11, 21, 22 teeth present with III degree mobility. What orthopaedic care is the most efficient?
Correct answer	Immediate prosthetics
B	Early prosthetics
C	Fixed prosthesis
D	Delayed prosthetics
E	Clasp denture
№	krok 2010
Topic	occlusion



Task	Examination of a 25-year-old male patient revealed maximal number of occlusional contacts of opposing teeth during denture joining. X-ray picture shows that the articular head of the lower jaw is near the base of the slope of articular tubercle. What type of occlusion is present?
Correct answer	Central occlusion
B	Anterior occlusion
C	Right lateral occlusion
D	Left lateral occlusion
E	Posterior occlusion
№	krok 2010
Topic	material science
Task	For fabrication of an external prosthesis a 62-year-old male patient needs "Hippocratic facies". What impression material should be applied?
Correct answer	Gypsum
B	Dentafol
C	Stens
D	Stomaflex
E	Repin
№	krok 2010
Topic	material science

Task	A 32-year-old female patient complains about a cosmetic defect of the 14, 25 teeth. It is planned to make metal-ceramic crowns. What impression material should be used for making these crowns?
Correct answer	Silicone
B	Hardening
C	Wax
D	Alginate
E	Zinc oxide eugenol
№	krok 2010
Topic	dental office equipment
Task	Renovation of a dental office involves installation of luminous tube lamps. Specify the required illuminance level in lux:
Correct answer	500 lx
B	400 lx
C	300 lx
D	200 lx
E	100 lx
№	krok 2010
Topic	dental office equipment

Task	A dentist applied to the regional sanitation center for a permission to open a private dental office with two universal dental sets. Planned area of the reception room is $26^2$ . According to existing norms, the dental office with two universal dental sets must have the following area:
Correct answer	$14^2$ for each set and $10^2$ in addition
B	$10^2$ for each set and $10^2$ in addition
C	$10^2$ for each set and $7^2$ in addition
D	$7^2$ for each set and $7^2$ in addition
E	$20^2$ for each set and $12^2$ in addition
№	krok 2009
Topic	dental splints
Task	A 32-year-old patient complains about gingival haemorrhages during eating and tooth brushing. It is known from the anamnesis that 2 weeks ago the patient got a cast metal crown. Objectively: the 27 tooth has a cast metal crown going beyond the gingival edge by 1-1,5 mm, touching causes haemorrhage. Percussion is slightly painful. What tactics is the most appropriate in this case?
Correct answer	To remove the crown and fabricate a splint
B	To administer gargling with Rotocan
C	To open the crown through the masticatory surface
D	To give the patient time to get used to the prosthesis
E	To remove the crown and administer treatment for marginal periodontitis

№	krok 2009
Topic	artificial crowns
Task	A 25-year-old patient complains about a cosmetic defect in the frontal part of his upper jaw on the left. Objectively: the 23 tooth is pulpless. The filling restores vestibular-approximal surface of the tooth crown by 1/3, it is stable, closely fits within cavity walls, its colour doesn't match the colour of the tooth. The tooth itself has changed its colour, its percussion is painless. What is the optimal prosthetic construction for this patient?
Correct answer	Metal-ceramic crown
B	Elastic crown
C	Metal swaged crown
D	Portion crown
E	Inlay
№	krok 2009
Topic	examination of the patients
Task	A 47-year-old patient consulted a dentist about dental cervix exposure on both jaws. Objectively: the dentitions are intact, the dental cervixes are exposed. Untimely teeth contacts are present. It is planned to perform selective grinding. What controlling method should be chosen?
Correct answer	Occlusiography
B	Masticatiography
C	Chewing test
D	Roentgenography

E	Gnathodynamometry
№	krok 2009
Topic	artificial crowns
Task	A 28-year-old patient consulted a prosthodontist about dental prosthetics. Objectively: crown of the 13 tooth is decayed by 2/3 of its height, the stump sticks out above the gum line by 2 mm. X-ray picture shows that the root canal is filled up to the top. What construction should be fabricated for the patient?
Correct answer	Pivot tooth
B	Crown
C	Inlay
D	Equator crown
E	The crown should be restored with photopolymer
№	krok 2009
Topic	material science
Task	An 18-year-old female patient consulted a dentist about dental prosthetics. Objectively: the 21 tooth is pulpless, of dark-grey colour. The patient has orthognathic occlusion. It is planned to crown the tooth with a plastic crown. Choose the plastic mass for its fabrication:
Correct answer	Sinma
B	Ethacryl
C	Acrel
D	Ftorax
E	Bakril

№	krok 2009
Topic	micro prothesis
Task	A 35-year-old patient needs a metal inlay for the 37th tooth. Objectively: masticatory surface of the 37 tooth has a carious cavity. What is the peculiarity of tooth preparation?
Correct answer	Forming a bevel
B	Forming an additional shoulder
C	Widening of cavity floor
D	Forming flat floor
E	Forming additional cavity
№	krok 2009
Topic	dental bridges
Task	A 56-year-old patient complains about missing lateral teeth on both sides of mandible. Objectively: the 48, 47, 46, 45, 35, 36, 37, 38 teeth are missing. Make a diagnosis:
Correct answer	Kennedy I dentition defect
B	Kennedy IV dentition defect
C	Kennedy II dentition defect
D	Kennedy III dentition defect
E	Betel'man II dentition defect
№	krok 2009
Topic	dental splints
Task	A 25-year-old patient has a median fracture of mandible without evident displacement of fragments. All the teeth are intact. What kind of wire splint is the most appropriate in this case?

Correct answer	Smooth splint
B	Smooth splint with a spreading curve
C	Splint with hooks
D	Splint with guide plane
E	Pomerantseva-Urbanskaya's splint
№	krok 2009
Topic	dental bridges
Task	A 30-year-old saxophonist complains about wearing of the occlusal surface of his frontal teeth along with separation between the upper and lower teeth (apertognathia). Height of the lower third of the patient's face remains unchanged. What method should be applied for elimination of this deformity?
Correct answer	Protetic
B	Increase of the interalveolar height
C	Shortening of teeth
D	Orthodontic
E	Instrumental-and-surgical
№	krok 2009
Topic	removable partial denrures
Task	A 48-year-old teacher complained about considerable mobility of the 42, 41, 31, 32 teeth. Objectively: cervixes of the 42, 41, 31, 32 are exposed by 2/3, there is pathological III degree mobility. It is indicated to extract the 42, 41, 31, 32 teeth. What type of denture should be used for the direct prosthetics?

Correct answer	Removable partial lamellar denture
B	Clasp denture
C	Adhesive
D	Metal-ceramic bridge-like denture
E	Swaged-and-soldered bridge-like denture
№	krok 2009
Topic	artificial crowns
Task	A month after cementing the metal-ceramic crown on the 23 tooth a patient complained of its decementing. Examination revealed that the tooth stump was of sufficient height, stump walls were convergent to the vertical tooth axis at an angle of approximately 30 degrees. What angle of convergence had to be formed?
Correct answer	Up to 8 degrees
B	12-15 degrees
C	15-18 degrees
D	22-25 degrees
E	10-12 degrees
№	krok 2009
Topic	biomechanics
Task	During lateral movements of mandible the frontal teeth are displaced sideways. Deviation of incisor point from the central position is measured by an angle of $100 - 110^{\circ}$ . What is characterized by such a value of incisor point deviation?



Correct answer	Lateral incisor path
B	Lateral joint path
C	Sagittal incisor path
D	Sagittal joint path
E	Bennett's angle
№	krok 2009
Topic	dental splints
Task	A 52-year-old patient complains of significant tooth wear on both jaws. Objectively: in the lateral parts of mandible teeth are worn down to the gums, in the frontal parts teeth are worn by 1/3. Treatment includes two stages. What prosthetic construction should be applied for bite disjoining and myotatic reflex change?
Correct answer	Periodontal splint for the lateral parts
B	Plastic splint for the whole dentition
C	Plastic splint for the frontal part
D	Crown splint for the lateral parts
E	Elastic plastic splint
№	krok 2009
Topic	removable partial dentures
Task	A 53-year-old patient consulted a prosthodontist about dental prosthetics. Objectively: the 13 and 24 teeth remain as well as all the teeth on the lower jaw. The lower third of the patient's face is shortened, crowns of the 13, 24 teeth are worn off by 2/3. What constructional element will provide optimal fixation of the partial removable prosthesis on the upper jaw?

Correct answer	Telescopic crowns
B	Compound clasps
C	Retaining clasps
D	Bars
E	Dentoalveolar clasps
№	krok 2009
Topic	maxillofacial prostodontics
Task	A 24-year-old soldier was injured by a shell splinter. He was diagnosed with a mandibular fracture with a bone defect in the mental region over 2 cm long. What method of fixation of mandible fragments is indicated?
Correct answer	Fragments fixation by means of Rudko's apparatus
B	Tigerstedt's splints
C	Intermandibular Ivy ligature
D	Gunning-Port's splint
E	Direct osteosynthesis
№	krok 2009
Topic	removable partial dentures
Task	A 56-year-old patient needs a partial removable lamellar denture. Objectively: the 17, 16, 15, 14, 25, 26, 27, 28 teeth on the upper jaw are missing. In order to provide transversal line of clasps the clasp arms should be placed upon the following teeth:
Correct answer	13 and 24
B	13 and 18

C	24 and 18
D	24, 13 and 18
E	-
№	krok 2009
Topic	removable partial dentures
Task	A 56-year-old patient consulted a prosthodontist about pain underneath the bar of her clasp prosthesis. It is known from the anamnesis that the clasp was placed in another city a week ago. Examination revealed a mechanic injury of mucous membrane of the palatine vault caused by the bar of the clasp prosthesis. What distance should exist between the palate and the bar of the clasp prosthesis in order to prevent this complication?
Correct answer	0,5 mm
B	2-3 mm
C	0,2-0,3 mm
D	1,5-2,0 mm
E	5-6 mm
№	krok 2009
Topic	examination of the patients
Task	A 34-year-old patient consulted a prosthodontist about pain and clicking in the final stage of mouth opening. The patient has a history of a dislocation. Amplitude of maximal mouth opening is 58 mm. Mouth opening should be limited down to the following amplitude:
Correct answer	Up to 40-50 mm

B	Up to 25-30 mm
C	Up to 50-60 mm
D	Up to 10-15 mm
E	Up to 90-100 mm
№	krok 2009
Topic	maxillofacial prostodontics
Task	A 60-year-old patient complains about difficult mastication due to the mandible displacement that resulted from an untreated fracture. Objectively: the 35, 36, 38, 45, 46 teeth are missing. The remaining teeth are intact. The 43, 44, 47, 48 teeth have no contact with the upper lateral teeth, and exhibit oral deviation up to 1 cm. What is the optimal prosthetic construction for the manible?
Correct answer	Prosthesis with double dentition
B	Whole-piece bridge
C	Arch bar prosthesis
D	Adhesive prosthesis
E	Vankevich splint
№	krok 2009
Topic	micro prothesis
Task	A patient complains about a cosmetic defect of the 23 tooth. Objectively: the crown of the 23 tooth is decayed by 80%, the root is stable, the canal is filled up to the top. After examination it was decided to restore the decayed tooth with a cast stump inlay. The root canal of the 23 tooth should be broadened by:
Correct answer	2/3 of canal length

B	1/2 of canal length
C	1/3 of canal length
D	1/4 of canal length
E	By the total canal length
№	krok 2009
Topic	dental splints
Task	A 40-year-old patient suffers from chronic generalized periodontitis. Objectively: both dentitions are intact, the 42, 41, 31, 32 teeth exhibit I degree mobility. What splint would be aesthetically acceptable for this group of teeth?
Correct answer	Glass Span and photopolymer splinting
B	Guard splint
C	Splint of soldered combined crowns
D	Cap splint
E	Ring splint
№	krok 2009
Topic	dental office equipment
Task	Renovation of a dental room involves installation of luminous tube lamps. Specify the required illuminance level in lux:
Correct answer	500 lux
B	400 lux
C	300 lux
D	200 lux
E	100 lux
№	krok 2009

Topic	dental bridges
Task	A patient complains about a cosmetic defect. Examination revealed that the 21 tooth was missing, the crowns of the 11 and the 22 tooth are intact, high, relatively parallel. The patient refused teeth preparation as well as implantation or fabrication of a removable denture. What orthopedic construction should be fabricated?
Correct answer	Adhesive denture
B	Clasp denture
C	Lamellar denture
D	Immediate denture
E	Polypropylene denture
№	krok 2009
Topic	examination of the patients
Task	A 38-year-old patient consulted an orthopedist about metal taste, dry mouth and tongue burning. Objectively: defects of the lower dental arch were replaced with soldered stainless steel bridges. What examination method would be the most appropriate in this case?
Correct answer	Galvanometry
B	Masticatiography
C	Occlusiography
D	Myography
E	Electroodontometry
№	krok 2009

Topic	complete removable dentures
Task	A 68-year-old patient complains about pain in the palate that occurs during wearing a complete removable denture the patient got 3 months ago. Objectively: palatine torus is strongly marked, mucous membrane around it is hyperaemic and edematic. What is the most probable cause of this complication?
Correct answer	Torus wasn't isolated
B	Previous impression was made in plaster
C	Functional impression was taken by means of a rigid individual tray
D	It was made anatomic teeth arrangement
E	Prosthesis base is made of acrylic plastic
№	krok 2009
Topic	maxillofacial prosthodontics
Task	A 40-year-old patient consulted a prosthodontist about upper jaw teeth mobility that turned up after therapeutic treatment. Objectively: the 13, 12, 11, 21, 22 teeth are pulpless, exhibit II degree mobility, unchanged colour. What prosthetic construction should be applied?
Correct answer	Mamlock splint
B	Crown soldered splint
C	Elastic crown splint
D	Cast bar splint
E	Wire-band splint
№	krok 2008

Topic	micro prothesis
Task	A 29 year old patient complains that the crown of his 26 tooth broke off. Objectively: tooth decay index is 0,9, root tissues are hard, roentgenography revealed that the canal was filled to the top, no chronic inflammations of periodontium were revealed. What construction should be used for prosthetics of the 26 tooth?
Correct answer	Pin stump inlay and a crown
B	Pin tooth with a ring
C	Pin tooth with an inlay
D	Pin tooth with protective bar
E	Simplified pin tooth
№	krok 2008
Topic	dental splints
Task	A 38 year old patient was admitted to the orthopaedic department after a therapeutic treatment on account of periodontitis. His anamnesis contains data about frequent recurrences of this disease, acute attacks are accompanied by periodontal abscesses. Objectively: the 42, 41,31, 32 teeth manifest mobility of I-II degree, the 43 and 33 are stable, tooth cervices are dehisced by 1/4, hyperesthesia of hard tooth tissues is not observed. What rational construction of permanent splint should be recommended?
Correct answer	Fullcast circle removable splint
B	Halfcrown splint



C	Mamlock's splint
D	Crown-shell splint
E	Girder Kurliandky's splint
№	krok 2008
Topic	dental splints
Task	A 52 year old patient complains of gum inflammation, tooth mobility. Objectively: dentitions are intact, all teeth have the 1-2 degree of mobility. What type of teeth stabilization should be applied in this case?
Correct answer	Arch-directed stabilization
B	Frontal
C	Parasagittal
D	Sagittal
E	Frontosagittal
№	krok 2008
Topic	artificial crowns
Task	A 54 year old woman complains about wear of the 35 and 36 teeth and pain caused by thermal and chemical stimuli. Objectively: crowns of the 35 and 36 teeth are worn by 1/3 of their height (horizontal type), the 24, 25 26 teeth have fullcast crowns. What crowns should be made for the 35 and 36 teeth?
Correct answer	Fullcast
B	Combined Belkin's
C	Metal stamped
D	Plastic

E	Metal-ceramic
№	krok 2008
Topic	micro prothesis
Task	Objective examination of a patient revealed hard tissue defect of the 24 tooth. Tooth decay index is 0,8. The defect is partly restored by a filling that doesn't meet the requirements. The tooth has pink colouring. X-ray picture shows no pathological processes. What construction is indicated in this case?
Correct answer	Pin construction
B	Artificial crown
C	Inlay
D	Halfcrown
E	Equator crown
№	krok 2008
Topic	removable partial dentures
Task	A 45 year old man complains about liquid outpouring from his nose, inability to blow his nose, inflated cheeks. Objectively: there is a perforating defect (1x1,5 cm) of alveolar process at a level of the extracted 26th tooth in the lateral part of his upper jaw. Air inhalation through the nose with held nostrils is accompanied by generation of bubbles in the area of perforation. What denture construction should be recommended?
Correct answer	Lesser saddle denture with clasps' fixation
B	Clasp denture with obturating part
C	Common partial removable denture

D	Common dental bridge
E	Protective palatal bars
№	krok 2008
Topic	artificial crowns
Task	A 43 year old man applied to the dental clinic for tooth prosthetics. Objectively: the crown of the 37th tooth is decayed by 2/3, buccal and lingual walls are thin. Occlusion picture shows strong contact with antagonists. How thick should be the layer of tooth surface that must be ground off during preparation for metallic stamped crown?
Correct answer	0,28-0,3 mm
B	0,1-0,2 mm
C	0,5-0,6 mm
D	0,6-0,7 mm
E	0,7-0,8 mm
№	krok 2008
Topic	material science
Task	A 23 year old woman came to a dental clinic for restoration of the 11th tooth's crown. Objectively: root of the 11th tooth is at a level with gingival edge, its walls are thick enough. A dentist made and adjusted a stump inlay upon which a metal-plastic crown will be fixed. What plastic will be used for veneering?
Correct answer	Sinma-M
B	Acryloxide
C	Carbodont

D	Noracryl
E	Protacryl
№	krok 2008
Topic	micro prothesis
Task	A 35 year old patient needs a metal inlay for the 37 tooth. Objectively: masticatory surface of the 37 tooth has a carious cavity. What is the peculiarity of preparation?
Correct answer	Making a bevel
B	Making an auxiliary shelf
C	Broadening of cavity floor
D	Making a flat floor
E	Making an auxiliary cavity
№	krok 2008
Topic	dental bridges
Task	A 23 year old military servant needs orthopaedic treatment in a specialized hospital. He was diagnosed with false joint of mandible in its frontal part. The teeth are intact, stable, in threes on each side. Orthopaedic treatment by means of a bridge denture will be possible only if the jaw defect is no more than:
Correct answer	1 cm
B	2 cm
C	3 cm
D	3,5 cm
E	4 cm
№	krok 2008

Topic	maxillofacial prostodontics
Task	A soldier injured by a shell splinter was diagnosed with gunshot fracture of mandible accompanied by an over 3 cm long bone defect in the chin area. What method of fixation of mandible fragments is indicated?
Correct answer	Machine osteosynthesis (Rudko, Bernadsky)
B	Tigerstedt's splints
C	Direct osteosynthesis
D	Gunning-Port's splint
E	Intermandibular Ivy ligature
№	krok 2008
Topic	dental splints
Task	A 43 year old patient complained about mobility of lower jaw teeth. Objectively: the dentition is intact. Tooth mobility is of I-II degree. It is planned to immobilize teeth by means of a removable splint common for the whole dentition. What stabilization will be provided by means of this splint?
Correct answer	Circle
B	Frontal
C	Frontal-lateral
D	Sagittal
E	Transversal
№	krok 2008
Topic	maxillofacial prostodontics

Task	A 68 year old patient underwent full jaw removal. Before the operation an impression of the patient's upper and lower jaws was taken and a substitutive denture was made. What are the means of the denture fixation in the oral cavity?
Correct answer	Spiral Fosher springs
B	Anchors
C	Clasps
D	Magnets
E	Attachments
№	krok 2008
Topic	removable partial denrures
Task	A 48 year old teacher complained about considerable mobility of the 42, 41, 31, 32 teeth. Objectively: cervices of the 42, 41, 31, 32 teeth are dehiscd by 2/3, there is pathological mobility of the degree. The patient has indication for removal of the 42, 41, 31, 32 teeth. What type of denture should be applied for immediate-insertion prosthetics?
Correct answer	Partial removable lamellar
B	Clasp
C	Adhesive
D	Ceramic-metal bridge
E	Stamped-soldered bridge
№	krok 2008
Topic	dental bridges

Task	A 57 year old patient complains about mobility of his metal-ceramic dental bridge supported by the 33, 37 teeth. The bridge has been in use for 9 months. Objectively: X-ray picture shows alveolar process atrophy by 2/3 in the area of the 33, and by 1/2 of root length in the area of the 37; there are pathological pockets, gingivitis. What is the cause of pathological mobility of supporting teeth?
Correct answer	Functional shifting of supporting teeth under stress
B	Injuring of circle ligament by crown edges
C	Devitalization of supporting teeth
D	Massive grinding off of hard tissues
E	Garland modelling in the precervical area
№	krok 2008
Topic	biomechanics
Task	During lateral motions of a mandible frontal teeth are deviated. Sideward relocation of incisive point from the central position has an angle of $100 - 110^{\circ}$ . What is characterized by such value of incisive point deviation?
Correct answer	Lateral incisive tract
B	Lateral articulate tract
C	Sagittal incisive tract
D	Sagittal articulate tract
E	Bennett's angle
№	krok 2008

Topic	dental splints
Task	A 52 year old patient complains of significant tooth wear on both jaws. Objectively: tooth wear in the lateral parts of the lower jaw at a level of gums and wear by 1/3 in the frontal parts. The treatment had two stages. What denture construction for occlusion disconnection and reconstruction of myostatic reflexes should be applied in this case?
Correct answer	Dentogingival splint in the lateral parts
B	Plastic cap for the whole dentition
C	Plastic cap in the frontal part
D	Crown splint in the lateral parts
E	Elastic plastic cap
№	krok 2008
Topic	removable partial denrures
Task	A 47 year old patient came to an orthopaedic stomatology center with complaints about missing tooth in the frontal part of his upper jaw, cosmetic defect. Objectively: the occlusion is orthogenic, the 11th tooth is missing. Anamnesis data: the patient had myocardial infarction 3 months ago. What denture should be applied for the time being?
Correct answer	Partial removable lamellar denture
B	Bridge denture suported by the 21 and 12 teeth
C	Bridge denture suported by the 21 tooth
D	Clasp denture
E	Implant



№	krok 2008
Topic	maxillofacial prostodontics
Task	A 53 year old patient has to undergo resection of the left half of mandible together with its ramus. It is indicated to make an immediate Oxman's denture What denture element keeps the remaining mandible fragment from deviation towards the defect?
Correct answer	Removable or non-removable inclined plane
B	The whole fixing part
C	Multiclasasp system
D	Resection part
E	Artificial teeth
№	krok 2008
Topic	complete removable dentures
Task	A 70 year old patient is awaiting complete removable dentures for both upper and lower jaws. Teeth placement will be made by Vasilyev's method. What teeth in the upper denture must not touch glass?
Correct answer	Lateral incisors and second molars
B	Central incisors and first molars
C	First and second premolars
D	Canines and first molars
E	Second premolars and first molars
№	krok 2008
Topic	maxillofacial prostodontics

Task	A 36 year old patient applied to a dentist 1,5 month after a mandibular trauma with complaints about difficult food mastication, esthetic face defect. Objectively: the face is proportional, asymmetric as a result of oral displacement of a lateral fragment of the left lower jaw. When the jaws are closed the 34, 35, 36, 37 teeth are not in contact with their antagonists. The patient strongly objects to surgical operation. What orthopaedic treatment should be administered?
Correct answer	A denture with double dentition
B	Mechanotherapy
C	Interjaw traction
D	Crowns with occlusal applications
E	Levelling of occlusal surface
№	krok 2008
Topic	dental splints
Task	A 43 year old patient complains of tooth mobility and considerable dehiscence of dental cervices of the lower jaw in its frontal part. Objectively: gums in the area of the 44, 43, 42, 41, 31, 32, 33, 34 teeth are pale, slightly cyanotic, without haemorrhage. The 42, 41, 31, 32 teeth have mobility of the I-II degree. There is also overcrowding of the 42, 41, 31, 32 teeth. Cervices of the 42, 41, 31, 32 teeth are dehiscenced by 1/2 of root length, of the 43,- by 1/4. What orthopaedic construction should be applied in this case?
Correct answer	Fullcast removable kappa

B	Kurlandsky's girder splint
C	Cap splint
D	Halfcrown splint
E	Semicircle splint
№	krok 2008
Topic	maxillofacial prostodontics
Task	A 48 year old patient complained about posttraumatic pain in the area of his chin. Examination revealed median fracture of lower jaw with I class dentition defect (according to Kennedy classification). It is indicated to make a Vankevich splint in Stepanov's modification. What will determine the height of directing planes of this splint?
Correct answer	Extent of mouth opening
B	It will be determined arbitrary
C	Height of central jaw correlation
D	Form of edentulous alveolar crests of the lower jaw
E	Height of molar teeth of the upper jaw
№	krok 2008
Topic	maxillofacial prostodontics
Task	A 24 year old soldier injured by a shell splinter was diagnosed with fracture of mandible accompanied by an over 2 cm long bone defect in the chin area. What method of fixation of mandible fragments is indicated?
Correct answer	Break fixation by means of Rudko's apparatus
B	Tigerstedt's splints

C	Intermandibular Ivy ligature
D	Gunning-Port's splint
E	Direct osteosynthesis
№	krok 2008
Topic	removable partial dentures
Task	A patient is waiting for a partial removable laminar denture. Anatomic models of both jaws were made by means of elastic alginate material "Ipin" and referred for disinfection. What disinfection method should be applied?
Correct answer	Glutaraldehyde 2,5% pH 7,0-8,7
B	Sodium hypochloride 0,5%
C	Desoxone 0,1%
D	Hydrogen peroxide solution 6%
E	Alcohol solution 70%
№	krok 2008
Topic	maxillofacial prostodontics
Task	A 40 year old patient complains about difficult mastication as a result of lower jaw deviation. Anamnesis data: mental fracture 2 months ago. Objectively: the 35; 36; 38 ... 45; 46 teeth are missing. Remaining teeth are intact. The 43; 44; 47; 48 teeth have no contact with antagonists and their oral deviation makes up 1 cm. What is the optimal construction of lower jaw denture?
Correct answer	A denture with double dentition
B	Metal-ceramic dental bridge
C	Soldered splint on rings

D	Removable lamellar denture
E	Adhesive denture
№	krok 2008
Topic	micro prothesis
Task	A patient is 24 years old. Artificial crown of his 22 tooth broke off. The tooth was devitalized 8 years ago and its crown is totally decayed. What microprosthesis should be made for restoration of tooth crown?
Correct answer	Stump-root inlay
B	Filling
C	Inlay
D	Application
E	Stamped crown
№	krok 2008
Topic	biomechanics
Task	One of the methods to define central occlusion is to construct a flat that will go through cutting edges of central incisors and distalobuccal tubercles of last molar teeth providing that there is sufficient quantity of teeth. What flat should be constructed?
Correct answer	Occlusal flat
B	Sagittal
C	Vertical
D	Transversal
E	Frankfort
№	krok 2008

Topic	material science
Task	A 64 year old patient applied to a dental clinic for tooth prosthetics. Objectively: there is a sharp bony prominence in the area of the missing 15 tooth. It is planned to make a partial removable denture with two-layer base. What plastic should be used for elastic backing?
Correct answer	Plastic PM-01
B	Ftorax
C	Acryl
D	Protacryl
E	Bacryl
№	krok 2008
Topic	dental office equipment
Task	Walls and floor of a dental room were painted with recommended light colours. What is the required coefficient of reflection from the walls, ceiling and floor?
Correct answer	60
B	35
C	30
D	25
E	20
№	krok 2008
Topic	dental office equipment

Task	A dentist applied to a regional sanitary-and-epidemiologic institution for an authorization to open a private dental surgery with 2 universal dental devices. The area of room where he is planning to have surgery hours makes up 26 m <sup>2</sup> . What area must this room with two universal dental devices have according to the existing regulations?
Correct answer	14 m <sup>2</sup> for each dental device and 10 m <sup>2</sup> additionally
B	10 m <sup>2</sup> for each dental device and 10 m <sup>2</sup> additionally
C	10 m <sup>2</sup> for each dental device and 7 m <sup>2</sup> additionally
D	7 m <sup>2</sup> for each dental device and 7 m <sup>2</sup> additionally
E	20 m <sup>2</sup> for each dental device and 12 m <sup>2</sup> additionally
№	krok 2008
Topic	complete removable dentures
Task	A patient came to a dental clinic for dental prosthetics. Objectively: total lack of teeth on the mandible. Sharp and regular atrophy of alveolar part. Frenula attachment and fold position is high. Name the type of atrophy of edentulous mandible using Keller's classification:
Correct answer	II type
B	I type
C	III type
D	IV type
E	V type
№	krok 2008

Topic	Anaesthesia
Task	A patient is waiting for metal-ceramic crowns for the 11, 12 teeth. Before preparation conduction anesthesia was performed. A few minutes later the patient felt anxiety, ear noise, abdominal pain, dizziness. Tachypnoea and rapid pulse are present. Arterial pressure is 60/40 mm Hg. What kind of first aid should be rendered?
Correct answer	Intravenous introduction of 0,5 ml of 0,1% adrenalin solution, prednisolone
B	Promedol, suprastine
C	A cotton-wool wad soaked in liquid ammonia brought to the patient's nose
D	Lying the patient in horizontal position
E	Aminophylline introduction
№	krok 2017-2018
Topic	anatomy
Task	A 45-year-old patient came to a prosthodontics clinic. During the objective examination the doctor checked the sagittal movements of the lower jaw. What muscles are responsible for sagittal movements of the lower jaw?
Correct answer	Lateral pterygoid muscles
B	Medial pterygoid muscles
C	Mandibulohyoid muscle
D	Digastric muscle
E	Mentohyoid muscle
№	krok 2017-2018



Topic	Dental splints
Task	A 43-year-old patient complains of mobility and significant neck exposure of the lower front teeth. Objectively: the gums in the area of the 44, 43, 42, 41, 31, 32, 33, and 34 teeth are pale and cyanotic, non-bleeding. The 42, 41, 31, and 32 teeth exhibit the I-II grade mobility. The overcrowding of the 42, 41, 31, and 32 teeth is present. The necks of the 42, 41, 31, and 32 teeth are exposed by 1/2 of the root length, the necks of the 43 and 33 teeth are exposed by 1/4. What kind of denture should be applied in this case?
Correct answer	Cast removable splint
B	Kurlyandsky's bar splint
C	Cap splint
D	Partial crown
E	Half-ring splint
№	krok 2017-2018
Topic	complete removable dentures
Task	Removable partial dentures for upper and lower teeth are being made for a 45-year-old man. Complete anatomical impressions were made using "Ypeen" alginate material. What should be used for disinfection of obtained impressions?
Correct answer	2.5% glutaraldehyde with pH- 7.0 - 8.7
B	0.1% desoxone solution
C	-
D	Phenol solution in proportion 1:20

E	6% hydrogen peroxide solution
№	krok 2017-2018
Topic	micro prosthesis
Task	A 27-year-old man presents with missing crown of 11. Objectively teeth 21 and 12 are intact; intraoral spot film X-ray shows the root of 11 to be filled to the apex, no changes in the periapical tissues, no pathologic mobility. What construction of the denture should be recommended for this patient?
Correct answer	Metal stump inlay with overlaying porcelain-fused-to-metal crown
B	Stump inlay with overlaying swaged crown
C	Stump inlay with overlaying plastic crown
D	Stump inlay with overlaying full cast metal crown
E	Remove the root of 11 and perform implantati-on
№	krok 2017-2018
Topic	maxillofacial prostodontics
Task	A 54-year-old patient complains of frequent crunching sound in the right temporomandibular joint, which developed one month ago. In the morning the crunching is more frequent and decreases towards the evening. Objectively: the face is symmetrical, the skin over the joint is wi-thout changes, the mouth opens by 2.9 mm. What is the most likely diagnosis in this case?
Correct answer	Arthrosis
B	Acute arthritis
C	Temporomandibular joint dislocation
D	Chronic arthritis

E	Temporomandibular joint pain dysfunction syndrome
№	krok 2017-2018
Topic	removable partial dentures
Task	A 63-year-old man complains of pain in the area of maxillary mucogingival fold caused by using a removable laminar denture. Objectively: in the area of the mucogingival fold there is a trophic ulcer with swollen margins and hemorrhaging floor. Make the diagnosis:
Correct answer	Denture-related stomatitis
B	Toxic chemical stomatitis
C	Toxic infectious stomatitis
D	Allergic contact stomatitis
E	Greenhouse effect
№	krok 2017-2018
Topic	removable partial dentures
Task	A 64-year-old man complains of pain and mobility of his front lower teeth. Objectively: the 43, 42, 41, and 31 teeth demonstrate the III degree mobility. These teeth are planned to be extracted and immediate-insertion denture is to be made. When should this denture be put in place?
Correct answer	On the day of the teeth extraction
B	In 2-4 days after the teeth extraction
C	In 6-8 days after the teeth extraction
D	In 3-6 days after the teeth extraction
E	In 1-2 days after the teeth extraction

№	krok 2017-2018
Topic	micro prothesis
Task	A 36-year-old woman needs a dental prosthesis. Objectively there is a carious cavity on the mesial masticatory surface of tooth 46, interdental contact is disturbed. Dental inlay is to be made for this patient. According to Black's classification of dental caries this cavity is class:
Correct answer	2
B	3
C	4
D	5
E	1
№	krok 2017-2018
Topic	anatomy
Task	A 45-year-old man complains of pain and crepitation in the temporomandibular joint during the movements of the lower jaw. Objectively: the face is symmetrical, the mouth opens with slight displacement to the left. Dentition is intact. To clarify the diagnosis X-ray of the temporomandibular joint was performed. Where should the heads of the mandible be located normally during maximum mouth opening?
Correct answer	At the top of the articular tubercle
B	In the center of the glenoid fossa
C	In front of the articular tubercle
D	In the center of the articular tubercle

E	Closer to the distal part of the glenoid fossa
№	krok 2017-2018
Topic	examination of the patients
Task	A 45-year-old man complains of pain and crepitation in the temporomandibular joint during the movements of the lower jaw. Objectively: the face is symmetrical, the mouth opens with slight displacement to the left. Dentition is intact. On occlusiography there were detected centric and eccentric supracontacts. What treatment methods should be applied in the first place?
Correct answer	Selective teeth shaving
B	Mouthguard for muscle relaxation
C	Appliances that limit mouth opening
D	Mouthguards that increase the height of central occlusion
E	Lower jaw immobilization
№	krok 2017-2018
Topic	removable partial dentures
Task	A 45-year-old patient complains of inability to properly masticate due to the loss of lateral teeth. The 17, 16, 15, 25, 26, 27, 37, 36, 35, 44, 45, and 46 teeth are missing. The retained teeth exhibit the I-II degree of mobility. The patient is diagnosed with generalized periodontitis. Kennedy class I dentition defects are observed. What construction would be optimal in the given case?
Correct answer	Clasp-retained (buccal) removable partial denture with splinting elements
B	Partial laminar denture
C	Elbrecht's dental splint

D	Mamlok's dental splint
E	Cantilever dental bridges
№	krok 2017-2018
Topic	complete removable dentures
Task	A 70-year-old patient addressed a hospital with complaints of poorly stabilized complete removable dentures of the upper and lower jaws. What method of artificial teeth arrangement is preferable in making of a new complete removable denture?
Correct answer	According to individual occlusal curves
B	According to disocclusal planes
C	According to standard occlusal curves
D	According to spherical occlusal curves
E	According to prothetic occlusal planes
№	krok 2017-2018
Topic	dental bridges
Task	A 45-year-old woman needs a denture. Objectively: the 17, 16, 15, 14, 12, 25, and 26 teeth are missing. Specify the Kennedy's class of dentition defects in the given case:
Correct answer	II class, 2 subclass
B	II class, 4 subclass
C	III class, 1 subclass
D	III class, 3 subclass
E	II class, 3 subclass
№	krok 2017-2018
Topic	micro prosthesis

Task	A 46-year-old man complains of constant losi-ng of a filling in his lower right tooth. Objectively: in the 16 tooth on the approximal masticatory surface there is a defect of crown hard tissues at 1/3. The tooth has no discoloration, percussion is painless. What construction should be prescri-bed?
Correct answer	Inlay
B	Porcelain-fused-to-metal crown
C	Semi-crown
D	3/4 crown
E	Plastic crown
№	krok 2017-2018
Topic	micro prothesis
Task	A 37-year-old patient complains of an aesthetic defect. Objectively: the 13 tooth is destroyed by 2/3. The tooth is pulpless, the root canal is filled. How deep should the root canal be opened for pivot crown installation in this pati-ent?
Correct answer	2/3 of the root canal
B	1/3 of the root canal
C	3/4 of the root canal
D	1/2 of the root canal
E	Full length of the root canal
№	krok 2017-2018
Topic	removable partial denrures

Task	A 68-year-old man has removable partial dentures made for him. At the stage of checking the denture construction, occlusal contact in the lateral areas is cusp-to-cusp and frontal area has sagittal fissure. What mistake was made by the doctor?
Correct answer	Anterior occlusion is fixed
B	Lateral occlusion is fixed
C	Prothetic plane is designed incorrectly
D	Height of centric occlusion is understated
E	Height of centric occlusion is overstated
№	krok 2017-2018
Topic	Dental splints
Task	A 46-year-old man, a teacher, complains of lower teeth mobility that impedes the process of biting. Objectively the dentition is uninterrupted, front teeth demonstrate the II degree of mobility. X-ray shows straight and filled root canals of 32, 31, 41, and 42. What appliance will stabilize front teeth while retaining their aesthetic appearance?
Correct answer	Mamluk's dental splint
B	Removable segmented splint for the front teeth
C	Cap splint
D	Splint with embrasure clasps
E	Semicrown splint
№	krok 2017-2018
Topic	removable partial dentures



Task	A clasp-retained (bugel) removable partial denture for the lower jaw is to be made for a 53-year-old patient. Objectively: the 38, 37, 35, 34, 45, 46, and 47 teeth are missing. The retained teeth are firm, with low clinical crowns. What fixation method of the denture would be optimal in this case?
Correct answer	Telescopic system
B	Supporting-retaining clasps (clammers)
C	Bar system
D	Attachments
E	Ball joint attachments
№	krok 2017-2018
Topic	examination of the patients
Task	A 40-year-old patient complains of pain in the tragus area, clicking during mouth opening, stuffed ears. Objectively the face is symmetrical, mouth opening path is straight. Dentition defect can be estimated as the I class by Kennedy; the 18, 17, 16, 26, 27, 28 teeth are missing. In this case the load would be the most traumatizing for the following anatomical structure:
Correct answer	Interarticular disk
B	Articular capsule
C	Articular head
D	Distal slope of the articular tubercle
E	Floor of the temporal bone socket
№	krok 2017-2018
Topic	examination of the patients

Task	A 50-year-old man complains of bared dental cervices on his upper and lower jaws. Objectively: the teeth and dentition are intact, clinical crowns are elongated, the teeth have no pathologic mobility, are worn off within the physiological norm. To remove supracontacts it is planned to perform selective teeth shaving. What additional investigation is necessary in the given case?
Correct answer	Occlusiography
B	X-ray
C	Masticatiography
D	Gnathodynamometry
E	Mastication tests
№	krok 2019
Topic	complete removable dentures
Task	During objective examination of the patient's oral cavity the lower jaw is revealed to be toothless, in the front area there is a mobile band of mucosa, irregular atrophy of the alveolar process. What method of obtaining functional impression would be most advisable in the given case?
Correct answer	Differentiated impression
B	Compression impression
C	Decompression impression
D	Gradual pressure impression
E	Selective pressure impression during mastication
№	krok 2019
Topic	implants

Task	A 79-year-old female patient consulted a prosthodontist about denture replacement. The patient has a history of a stroke. Objectively: acute irregular atrophy of the alveolar processes of both jaws is present; mucous membrane of the oral cavity is dry and nonmobile. The previous dentures cannot be fixed. What is the most appropriate prosthetic construction?
Correct answer	Dentures with elastic lining
B	Dentures with shortened borders .
C	Implant-supported dentures
D	Dentures with metal bases
E	Dentures with extended borders
№	krok 2019
Topic	micro prothesis
Task	A crown inlay for the patient's 46 tooth is being prepared. At the first clinical stage the cavity preparation is completed with design of an incline. What material can be used for the inlay?
Correct answer	Composite r-t).
B	Sinma M plastic
C	Porcelain
D	Pressed ceramics
E	Metal alloy
№	krok 2019
Topic	artificial crowwn

Task	A 40-year-old patient addressed a prosthodontist with complaints of absent crown of the 24 tooth due to trauma. If the crown is broken off at the gum level, the tooth should be restored with:
Correct answer	Pivot crown
B	Semi-crown
C	Intradental inlay
D	Partial denture
E	Equator crown
№	krok 2019
Topic	removable partial denrures
Task	A 58-year-old patient after examination in a prostodontic clinic has been advised to make a full-arch prosthesis. The treatment plan was developed, the impressions of both jaws were obtained, central occlusion was determined with block method. What stage is next?
Correct answer	Frame design of a full-arch prosthesis
B	Parallelometry
C	Preparation for model duplication
D	Model duplication
E	Restoration of the abutment crowns
№	krok 2019
Topic	artificial crowwn
Task	A 40-year-old patient addressed a prosthodontist with complaints of absent crown of the 24 tooth due to trauma. If the crown is broken off at the gum level, the tooth should be restored with:

Correct answer	Pivot crown
B	Semi-crown
C	Intradental inlay
D	Partial denture
E	Equator crown
№	krok 2019
Topic	artificial crowwn
Task	A 46-year-old man complains of constant losing of a filling in his lower right tooth. Objectively: in the 16 tooth on the approxi- mal masticatory surface there is a defect of crown hard tissues at 1/3. The tooth has no discoloration, percussion is painless. What construction should be prescribed?
Correct answer	Porcelain-fused-to-metal crown
B	Inlay
C	Semi-crown
D	Plastic crown
E	3/4 crown
№	krok 2019
Topic	complete removable dentures

Task	A 78-year-old patient is completely edentulous. He has been wearing dentures for 19 years. The patient complains of poor fixation of the upper denture. Objectively: the lower third of the face is shortened, the alveolar processes of both jaws are markedly atrophied, the palate is flat. Mucous membrane in the denture-supporting area is atrophied. How often should the dentures be remodelled or restored?
Correct answer	Every 3-4 years
B	Every 6 months
C	Every 10-12 years
D	Once a year
E	Every 7 years
№	krok 2019
Topic	artificial crowwn
Task	At a prosthetics dentistry clinic a 35-year- old patient received a porcelain-fused-to- metal crown for the 21 tooth. What is the mi-nimum warranty period for porcelain-fused- to-metal crowns under the current legislati-on?
Correct answer	12 months
B	3 months
C	36 months
D	6 months
E	24 months
№	krok 2019
Topic	maxillofacial prostodontics

Task	A 22-year-old patient has suffered uni-lateral linear fracture in the area of the gonial angle. Immobilization was provided with full dental brace with loops and intermaxillary elastic expansion. Recovery was uncomplicated. The brace should be removed after:
Correct answer	3 weeks
B	2 weeks
C	.
D	1 week
E	10 days
№	krok 2019
Topic	implants
Task	A 50-year-old patient has a defect of the lower dental arch. It is planned to make an implant-supported bridge for its restoration. X-ray picture shows that the height of the bone mass from projection of mandibular canal up to the top of alveolar crest is 2 cm. What type of implant should be applied?
Correct answer	Threaded
B	Plate-form
C	Conical
D	Subperiosteal
E	Endodontic-endoosseous
№	krok 2019
Topic	dental splits

Task	A patient suffered a facial trauma. On examination and X-ray the patient was diagnosed with fracture of the maxillary alveolar process. What treatment would be most advisable in this case?
Correct answer	Zbarzh apparatus
B	Gunning splint
C	Intermaxillary ligature
D	Weber splint
E	Smooth oral splint
№	krok 2019
Topic	maxillofacial prostodontics
Task	A 25-year-old patient addressed a hospital and upon examination was diagnosed with unilateral fracture of the body of the mandible in the area of 43, 44 teeth with persistent vertical displacement of the bone ends. Choose the functional type of prosthodontic apparatus required for the patient's treatment:
Correct answer	Reponating
B	Directing
C	Substituting
D	Forming
E	Fixing
№	krok 2019
Topic	removable partial dentures



Task	A bugle denture for the lower jaw is planned to be made for a 53-year-old patient. Objectively: the 38, 37, 35, 34, 45, 46, 47 teeth are absent. The retained teeth are firm, with low clinical crowns. What fixation method of bugle denture would be optimal in this case?
Correct answer	Supporting retentive clammers
B	Telescopic system
C	Ball joint attachment
D	Attachments
E	Beam system
№	krok 2019
Topic	dental bridges
Task	A 53-year-old patient complains of absent 12, 11, 21 and 22 teeth. On examination it is decided to make a porcelain-fused-to-metal bridge with the 13 and 23 as abutment teeth. During preparation ledges are created in abutment teeth. Ledge width can vary within the following range:
Correct answer	0,5-0,8 mm
B	1,5-2,0 mm
C	2,0-2,5 mm
D	2,5-3,0 mm
E	0,1-0,2 mm
№	krok 2019
Topic	maxillofacial prostodontics

Task	An injured patient complains of limited opening of the mouth, nose bleeding, skin numbness in the infraorbital and lower eyelid region. Objectively: there is face deformation due to the depression of soft tissues in the left cheekbone region, step deformity in the middle part of the inferior margin of the left orbit and in the area of the zygomatic alveolar crest. What is the most likely diagnosis?
Correct answer	Le Fort II fracture of maxilla
B	Zygomatic bone fracture with displacement of bone fragments
C	Fracture of the right zygomatic bone without displacement of fragments
D	Fracture of the malar arch
E	Le Fort I fracture of maxilla
№	krok 2019
Topic	Dental splints
Task	A 43-year-old patient complains of mobility and significant neck exposure of the lower front teeth. Objectively: the gums in the region of the 44, 43, 42, 41, 31, 32, 33, 34 teeth are pale and cyanotic, non-bleeding. The 42, 41, 31, 32 teeth exhibit the I-II grade mobility. The overcrowding of the 42, 41, 31, 32 teeth is present. The necks of the 42, 41, 31, 32 teeth are exposed by 1/2 of the root length, the necks of the 43, 33 teeth are exposed by 1/4. What kind of dental prosthesis should be applied in this case?
Correct answer	Cast removable splint

B	Cap splint
C	Kurlyandsky splint bar
D	Portion crown
E	Half-ring splint
№	krok 2019
Topic	removable partial dentures
Task	A 56-year-old patient complains of frequent breakage of the basis of the partial laminar denture of the upper jaw. Objectively: only the 23 tooth is retained on the upper jaw. Cracks in the denture basis appear in the area of the 23 tooth. What should be done to reinforce the denture basis?
Correct answer	Make a new denture with telescopic fixation on the 23rd tooth
B	Make the basis out of Redont plastic
C	Make the basis out of Prothacryl-M plastic
D	Make the basis out of Phtorax plastic
E	Make the basis out of Ethacryl-02 plastic
№	krok 2019
Topic	artificial crown
Task	A 70-year-old patient addressed a hospital with complaints of poorly stabilized complete dentures of the upper and lower jaws. What method of artificial teeth arrangement is preferable in making of a new denture?
Correct answer	According to individual occlusion curves
B	According to spherical occlusion curves
C	According to standard occlusion curves

D	According to disocclusion planes
E	According to prothetic occlusion planes
№	krok 2019
Topic	maxillofacial prostodontics
Task	A 39-year-old patient suffers from mi-crostomia. What impression tray should be used?
Correct answer	Collapsible
B	Standard
C	Custom plastic
D	Demountable
E	Standard for edentulous jaw
№	krok 2019
Topic	complete removable dentures
Task	Objective examination of a 65-year- old patient with the completely edentulous mandible revealed a marked uniform atrophy of the alveolar bone; bony prominences on the lingual surface in the region where premolars had previously been. Mucosa was unevenly pliable; alveolar crest was mobile in the frontal region. The clinical condition of the mandible should be taken into consi-deration at the following stage of denture fabrication:
Correct answer	Taking a differentiated impression
B	Taking a decompression impression
C	Measuring the centric relation of jaws
D	Taking a positive pressure impression

E	Taking an anatomical impression
№	krok 2019
Topic	removable partial dentures
Task	The 47, 46, 45, 35, 36, 37, 38 teeth of a 57-year-old patient are missing. It is planned to make a clasp denture. The 48 tooth inclines to the lingual side and forwards. On the lingual side of the 48 tooth the border line is diagonal, on the buccal side it runs on a level with gingival edge. What type of Ney's clasp should be applied?
Correct answer	IV type clasp (reverse back-action)
B	II type clasp
C	I-II type clasp
D	V type clasp
E	I type clasp
№	krok 2019
Topic	artificial crown
Task	A 57-year-old patient addressed a prosthodontic clinic to have a denture made for him. After objective examination the patient was prescribed single-unit crowns for the 46, 47, 36, 37 teeth. What maximal angle of a tooth stump can be allowed during preparation?
Correct answer	Stump walls should be parallel to each other
B	7-8°
C	5-6°
D	3-5°

E	10-12°
№	krok 2019
Topic	removable partial dentures
Task	A 45-year-old man complains about liquid outpouring from his nose, inability to blow his nose, inflated cheeks. Objectively: there is a perforating defect (1x1,5 cm) of alveolar process at a level of the extracted 26th tooth in the lateral part of his upper jaw. Air inhalation through the nose with held nostrils is accompanied by generation of bubbles in the area of perforation. What denture construction should be recommended?
Correct answer	Clasp denture with obturating part
B	Common dental bridge
C	Minor saddle denture with clasp fixation
D	Common partial removable denture
E	Protective palatal bars
№	krok 2019
Topic	maxillofacial prostodontics
Task	During the preparation of a tooth a patient had an epileptic seizure. The seizure was arrested. What mistake did the orthopaedist make?
Correct answer	Violated the rules of preparation
B	Did not apply one of the types of local anesthesia
C	Skipped psychological preparation of the patient
D	Did not apply general anaesthesia

E	Did not collect complete history data
№	krok 2019
Topic	dental splints
Task	A 38-year-old patient with chronic generalized periodontitis has been referred to orthopedic treatment. Objectively: dentitions are without gaps, the 12, 11, 21, 22 teeth are pulpless and exhibit I grade mobility. The other teeth are stable. What is the most aesthetic splint for the anterior teeth?
Correct answer	Brace
B	Mamlok splint
C	Ring adhesion splint
D	Soldered combined crowns
E	Cap splint
№	krok 2019
Topic	Materials science
Task	What impression material is used to obtain impressions for making orthodontic appliances?
Correct answer	Ypeen
B	Stomaflex
C	Repin
D	Orthocor
E	Sielast
№	krok 2019
Topic	maxillofacial prostodontics

Task	A 25-year-old patient received a trauma to the chin region. On the basis of X-ray he was diagnosed with bilateral mental fracture of mandible. Specify the direction of di-splacement of the minor fragment:
Correct answer	Downward and backward
B	Upward and backward
C	Upward and forward
D	There is no displacement
E	Downward and forward
№	krok 2019
Topic	maxillofacial prostodontics
Task	A 68-year-old patient, having suffered from stroke, suffers from periodical bouts of retching, which lead to unilateral dislocati-on of the temporormandibular joint. Setting the joint was possible only with anesthesia. Objectively the following teeth are absent: from the 21 to the 28, 15, 16, 17, 18, 36, 37, 44, 46, 47. What kind of denture construction will be optimal for the duration of treatment?
Correct answer	Removable laminar denture with mouth opening restrictor
B	Khodorovych-Burgonska appliance with restrictor
C	Yadrova appliance
D	Schroder appliance with sliding joint
E	Petrosov appliance with restrictor
№	krok 2019
Topic	Matherials science



Task	An 18-year-old student needs prosthetic porcelain-fused-to-metal denture for the 11, 21 teeth. There are no contraindications for the use of such construction. What is the most appropriate material for taking impressions?
Correct answer	Sielast
B	Stens
C	Repin
D	Stomalgin
E	Orthocor
№	krok 2019
Topic	dental splints
Task	A 50-year-old patient has median lower jaw fracture with formation of a false joint. The 38, 32, 31, 41, 42, 48 teeth are missing. The remaining teeth are intact, stable. There is no displacement of lower jaw fragments. X-ray picture shows a bone tissue defect up to 1 cm large. What prosthesis is indicated?
Correct answer	Oxman's bridge-like prosthesis with pivot point
B	Bridge-like prosthesis without a pivot point
C	Lamellar prosthesis with Oxman's pivot point +
D	Lamellar prosthesis with Gavrilow's pivot point
E	Clasp denture
№	krok 2019
Topic	maxillofacial prostodontics

Task	A 32-year-old patient addressed a dentist with complaints of inability to close his mouth. Objectively the mouth is half-open, the chin is protruding forwards and is displaced to the left. Such condition occurred after the mouth was opened wide. What diagnosis is most likely?
Correct answer	Posterior right-sided mandibular dislocation
B	Anterior bilateral mandibular dislocation
C	Anterior right-sided mandibular dislocation +
D	Posterior left-sided mandibular dislocation
E	Anterior left-sided mandibular dislocation
No	krok 2019
Topic	dental splints
Task	A 34-year-old patient complains of pain in the lower right jaw, reduced mouth opening. Objectively: dentition is intact both on the upper and lower jaw, there is premature contact between the 46 and 47 teeth. Diagnosis: traumatic fracture of the mandible in the area of the 46 tooth with fragment displacement. What construction would be advisable for temporary immobilization of the mandible fragments?
Correct answer	Entin's head-chin strap
B	Weber's splint
C	Tigerstedt's splint
D	Plastic kappa
E	Temporary plastic splint
No	krok 2019

Topic	Matherials science
Task	A laminar denture for the lower jaw is being made for a 54-year-old patient. Base plate wax is used during laboratory stage for wax templates. What group of accessory materials does such wax belong to?
Correct answer	Modeling
B	Abrasive
C	Impression
D	Forming
E	Fixing
№	krok 2019
Topic	maxillofacial prostodontics
Task	A 40-year-old patient complains of pain in the tragus area, clicking during mouth opening, stuffed ears. Objectively: the face is symmetrical, mouth opening path is strai-ght. Dentition defect can be estimated as the I class by Kennedy; the 18, 17, 16, 26, 27, 28 teeth are absent. In this case the load would be the most traumatizing for the following anatomical structure:
Correct answer	Interarticular disk
B	Articular capsule
C	Socket floor of the temporal bone
D	Distal slope of the articular tubercle
E	Articular head
№	krok 2019
Topic	maxillofacial prostodontics

Task	During teeth preparation a pati-ent developed an epileptic attack. What measures should a prostodontist take?
Correct answer	To take measures to prevent tongue biting
B	To continue working
C	To call in an emergency aid team
D	To measure blood pressure
E	To introduce an anesthetic
№	krok 2019
Topic	complete removable dentures
Task	A 65-year-old patient needs complete removable dentures for both jaws. At the stage of "testing the denture construction" the doctor checks the pronunciation of sounds "S" and "ZV". Which method of normalization of speech functions should be applied in this case?
Correct answer	Phonetic tests
B	Spectrographic
C	Graphic
D	Acoustic
E	Myogymnastics
№	krok 2019
Topic	micro prosthesis
Task	A 37-year-old patient complains of an aesthetic defect. Objectively: the 13 tooth is destroyed by 2/3. The tooth is pulpless, the root canal is filled. How deep should be the root canal opened for pivot crown in this pati-ent?

Correct answer	2/3 of the root canal
B	3/4 of the root canal
C	1/3 of the root canal
D	Full length of the root canal
E	1/2 of the root canal
№	krok 2019
Topic	complete removable dentures
Task	During application of an impression tray to the upper jaw of a 62-year-old patient the tray falls out when the patient opens his mouth wide. What edge of the tray should be shortened?
Correct answer	In the buccal-alveolar fold area
B	In the front area
C	In the palatine torus area
D	In posterolateral area of the maxillary tuberosity
E	Along the A line
№	krok 2019
Topic	examination of the patients
Task	A prosthodontist plans to make a porcelain-fused-to-metal crown for the 23 tooth. In order to correct its abnormal position in the dental arch the prosthodontist is going to use a cast post and core. What is the maximum permissible value (in degrees) of the core deviation from the tooth axis?
Correct answer	15
B	4

C	
D	10
E	20-25
№	krok 2019
Topic	removable partial dentures
Task	A 57-year-old patient complains of tooth mobility, inability to eat. Objectively: the lower 35, 36, 37, 38, 44, 45, 46 and 48 teeth are missing; the 31, 32, 33, 34, 41, 42, 43, 47 teeth exhibit II grade mobility, their clinical crowns are low, tooth equator is not pronounced. What is the optimal denture construction in this case
Correct answer	Removable splint with vestibulo-oral clasp
B	Removable cast splint
C	Kurlyandsky splint bar
D	Removable Bynin splint
E	Removable partial denture
№	Krok 2020
Topic	maxillofacial prostodontics
Task text	A 57-year-old man presents with habitual mandibular dislocation. To reduce mouth opening, Yadrova apparatus was made. How long should the treatment last in this case?
Correct answer	3 months
B	18 months
C	12 months
D	9 months

E	6 months
№	Krok 2020
Topic	dental bridges
Task text	A 43-year-old man came to the orthopedic dental clinic with complaints of difficult chewing and aesthetical defect. Objectively, teeth 15 and 16 are lost on the upper jaw and teeth 46,47,48 are lost on the lower jaw. What class of partial dentition defects can be diagnosed on the jaws according to the Kennedy classification?
Correct answer	Upper jaw - class 3, lower jaw - class 2
B	Upper jaw - class 4, lower jaw - class 2
C	Upper jaw - class 2, lower jaw - class 2
D	Upper jaw - class 1, lower jaw - class 3
E	Upper jaw - class 3, lower jaw - class 3
№	Krok 2020
Topic	maxillofacial prostodontics
Task text	A 21-year-old woman after a domestic accident presents with a fracture of the maxillary alveolar process in the area of teeth 13, 12, 11, 21, 22, and 23. What splint should be used for this fracture?
Correct answer	Smooth dental brace
B	With spreader arch
C	With inclined plane
D	With retention loops
E	With supporting plane

№	Krok 2020
Topic	removable partial dentures
Task text	Removable partial dentures for both jaws are being made for a 60-year-old man. The patient has a history of chronic angular stomatitis. When making his dentures, special attention should be paid to the:
Correct answer	Restoration of the interalveolar height
B	Oral cavity sanitation
C	Final processing of the denture base
D	Choice of material for denture base
E	Choice of impression material
№	Krok 2020
Topic	EXAMINATION OF PATIENTS
Task text	A draft-age young man undergoes an examination in the orthopedic dental clinic. Objectively, teeth 46 and 16 are missing. What would be the loss of masticatory efficiency, according to Agapov's classification?
Correct answer	12%
B	6%
C	10%
D	24%
E	5%
№	Krok 2020
Topic	DENTAL SPLINTS



Task text	A 35-year-old woman came to the dental office complaining of teeth mobility. Objectively, teeth 42, 41, 31, 32 have TI degree mobility and teeth 43, 33 have I degree mobility. Tooth crowns are intact. The patient presents with deep occlusion. X-ray shows resorption of the interdental septa by 1/3 of the root height. What splint construction is advisable in this case for temporary use?
Correct answer	Made of armored composite
B	Cap splint
C	Clasp-retained (bugel) denture
D	Consisting of equator crowns
E	Consisting of semi-crowns
№	Krok 2020
Topic	anatomy
Task text	A 45-year-old patient came to a prosthodontics clinic. During the objective examination the doctor checked the sagittal movements of the lower jaw. What muscles are responsible for sagittal movements of the lower jaw?
Correct answer	Lateral pterygoid muscles
B	Mandibulohyoid muscle
C	Medial pterygoid muscles
D	Digastric muscle
E	Mentohyoid muscle
№	Krok 2020
Topic	artificial crowns

Task text	Vestibular surfaces of the upper and lower incisors of a 27-year-old patient are affected by destructive form of fluorosis. What construction of a denture will provide the maximum aesthetic effect with minimum invasion?
Correct answer	Ceramic veneers
B	Plastic crowns
C	-
D	Ceramic crowns
E	Porcelain-fused-to-metal crowns
№	Krok 2020
Topic	materials science
Task text	To make the external prosthesis for a 62-year-old man it is necessary to obtain a Hippocrates facial moulage of this patient. What impression material should be used?
Correct answer	Plaster
B	Stomaflex
C	Stens
D	Repin
E	Dentafol
№	Krok 2020
Topic	removable partial denrures
Task text	What denture constructions should be chosen in the cases of multiple adentia during the initial period of occlusion change?

Correct answer	Removable partial denture
B	Clasp-retained (bugel) denturp
C	Removable complete denture
D	Dental bridge
E	No denture is necessary
№	Krok 2020
Topic	abrasion
Task text	A 46-year-old man was diagnosed with horizontal generalized form of pathological tooth wear, complicated with the occlusion height decreased by 10 mm. To restore the occlusion height, it is planned to make a plastic mouthguard for this patient. What is the maximum acceptable single separation of the upper and lower dentition?
Correct answer	4-6 mm
B	3-4 mm
C	0.5-1 mm
D	1-2 mm
E	9-10 mm
№	Krok 2020
Topic	dental splints

Task text	<p>A 43-year-old woman complains of mobility and displacement of her upper front teeth.</p> <p>17 16 15 14 13 12 11 21 22 23 24 25 26 27</p> <p>47 46 45 44 43 42 41 31 32 33 34 35 36 37</p> <p>Objectively: dental formula is</p> <p>The teeth 12 11   2\ 22 are slanted towards the vestibular side, diastema and tremata are observed. I-II degree teeth mobility is detected. Select the orthodontic appliance for correction of the teeth misalignment as a part of complex treatment of periodontal disease:</p>
Correct answer	Palatal plate with vestibular arch
B	Schwartz appliance
C	Palatal plate with inclined plane
D	Katz crown
E	Bynin appliance
№	Krok 2020
Topic	complete removable dentures
Task text	<p>A 67-year-old man complains of poor fixation of his full removable laminar denture for the upper jaw. He has been using this denture for 7 years. Objectively the denture balances and is poorly fixed. What tactics should the doctor choose in this case?</p>
Correct answer	Make a new denture
B	Change the denture base
C	File the artificial teeth in the denture for better fit

D	Correct the denture
E	Make elastic lining
№	Krok 2020
Topic	materials science
Task text	<p>Removable partial dentures for both jaws are being made for a 70-year-old man. To make diagnostic models, alginate impressions of both jaws need to be obtained. To prepare the alginate mass, the doctor mixes the powder with water in a rubber flask. Within what interval should the doctor apply the impression mass to the tray and place the tray in the patient's oral cavity?</p>
Correct answer	Less than 1 minute
B	Less than 3 minutes
C	5-10 minutes
D	3-5 minutes
E	Over 10 minutes
№	Krok 2020
Topic	maxillofacial prostodontics
Task text	<p>A 45-year-old man complains of pain and crepitation in the temporomandibular joint during the movements of the lower jaw. Objectively, the face is symmetrical, the mouth opens with slight displacement to the left. The dentition is intact. Occlusiography detected centric and eccentric supracontacts. What treatment methods should be used in the first place?</p>

Correct answer	Mouthguards that increase the height of central occlusion
B	Lower jaw immobilization
C	Appliances that limit mouth opening
D	Selective teeth shaving
E	Mouthguard for muscle relaxation
№	Krok 2020
Topic	materials science
Task text	<p>On objective examination a 59-year-old man with the edentulous mandible presents with bone protrusions and mobile areas of the alveolar crest. To ensure proper fixation of the denture and even load distribution the following functional impression should be made:</p>
Correct answer	Differentiated
B	Decompression
C	Complete anatomical
D	Compression
E	Combined
№	Krok 2020
Topic	examination of patients

Task text	A 50-year-old man complains of bared dental cervices on his upper and lower jaws. Objectively: the teeth and dentition are intact, clinical crowns are elongated, the teeth have no pathologic mobility, are worn off within the physiological norm. To remove the supracontacts, it is planned to perform selective teeth shaving. What additional investigation is necessary in the given case?
Correct answer	Occlusiography
B	Masticatiography
C	Gnathodynamometry
D	Mastication tests
E	X-ray
№	Krok 2020
Topic	micro prothesis
Task text	A 55-year-old man came to the dental orthopedic clinic to have a denture made for him. Tooth 11 is missing in the patient. Two days ago he was released from the inpatient unit after a case of myocardial infarction. What tactics should the dentist choose?
Correct answer	Make a temporary removable denture
B	Make a clasp-retained (bugel) removable partial denture
C	Temporarily refrain from making a denture
D	Perform implantation
E	Make a dental bridge with 12 and 21 as abutment teeth
№	Krok 2020
Topic	complete removable dentures

Task text	A 75-year-old man complains of poor fixation of his full removable denture for the lower jaw and food particles accumulating under the denture base. The lower third of his face is shortened. The alveolar processes are markedly atrophied. What anatomical structure of the lower jaw can be used for improvement of full removable denture fixation?
Correct answer	Retroalveolar space
B	internal oblique line
C	Mylohyoid ridge
D	Mucogingival fold
E	Vestibule of the oral cavity
№	Krok 2020
Topic	dental splints
Task text	A 27-year-old man received a trauma of the lower jaw. After X-ray examination he was diagnosed with a displaced unilateral open mandibular fracture at the level of the mental foramen. The patient has retained all his teeth. The fracture line passes between teeth 34 and 35. What splint should be used in this case?
Correct answer	Two-jaw splint with wire loops
B	Two-jaw splint with a spreader arch
C	Smooth dental brace
D	Splint with a corrective loop
E	Splint with an inclined plane
№	Krok 2020
Topic	artificial crowns



Task text	A 27-year-old man presents with the missing crown of 11. Objectively teeth 21 and 12 are intact; intraoral spot-film X-ray shows the root of 11 to be filled to the apex, no changes in the periapical tissues, no pathological mobility. What construction of the denture should be recommended for this patient?
Correct answer	Metal stump inlay with overlaying porcelain-fused-to-metal crown
B	Stump inlay with overlaying swaged crown
C	Stump inlay with overlaying full cast metal crown
D	Stump inlay with overlaying plastic crown
E	Remove the root of 11 and perform implantation
№	Krok 2020
Topic	dental bridges
Task text	A 30-year-old man came to the dental orthopedist's office. He complains of an included defect of the lower dentition. On examination there are no pathologies of periodontal tissues. It is planned to make a dental bridge for this patient. What should be the ratio of the summary coefficient of masticatory efficiency of abutment teeth to the summary coefficient of masticatory efficiency of lost teeth?
Correct answer	1:01:00
B	1:2
C	1:0.8
D	1:1.5

E	1:2.5
№ 1	Krok 2021
Topic	Removable prosthetics
Task text	A removable complete denture is being made for the lower jaw of a 50- year-old man. During the fitting of an individual impression tray, the border in the area of the mylohyoid line needs to be determined. What Herbst test should be performed for this purpose?
Correct answer	Licking the upper lip
B	Alternately touching the right and left cheeks with the tongue
C	Stretching the tongue towards the tip of the nose
D	Swallowing saliva
E	Wide mouth opening
№ 2	Krok 2021
Topic	Diseases of parodontal tissues
Task text	A 48-year-old woman complains of problems with chewing, caused by missing teeth. Objectively, her teeth 31,32,33, and 41,42,43 have tall crowns and the I degree of mobility. The decision was reached to make a clasp denture splint for her. What type of clasps (clammers) will ensure the splinting function of this construction?
Correct answer	Continuous
B	Retaining
C	Vestibular
D	Dentoalveolar

E	Abutment
№ 3	Krok 2021
Topic	Maxillofacial Orthopedics
Task text	A 28-year-old man has received a trauma of the mental region. X-ray shows a bilateral mental fracture of the lower jaw. In what direction will the displacement of the lesser fragment occur?
Correct answer	Downwards and backwards
B	Upwards and backwards
C	No displacement occurs
D	-
E	Downwards and forwards
№ 4	Krok 2021
Topic	2021, Fixed prosthetics
Task text	When fitting the metallic frame of a porcelain-fused-to-metal dental bridge, it was determined that in the central occlusion the frame is in a contact with the antagonist teeth. It reaches the ledges of the abutment teeth and is 0.3 mm thick. What tactics should a dentist choose?
Correct answer	Complete the preparation of the abutment teeth and make a working impression
B	Determine the areas that prevent normal installation of the dental bridge
C	Obtain an impression with the frame fitted into the oral cavity
D	Send the frame to the next laboratory stage of the denture-making
E	File down the metallic frame in the areas of its contact with the antagonist teeth
№ 5	Krok 2021
Topic	<b>Microprosthetics</b>

Task text	A 36-year-old woman needs a denture. Objectively, there is a carious cavity on the mesial and masticatory surfaces of tooth 46, the interdental contact is disturbed. A dental inlay is to be made for this woman. According to Black's classification of dental caries, this cavity is class:
Correct answer	II
B	III
C	V
D	I
E	IV
№ 6	Krok 2021
Topic	<b>Removable prosthetics</b>
Task text	Removable complete dentures are being made for the both jaws of a 68- year-old woman. Objectively, the alveolar processes are slightly atrophied, the mucosa is moderately pliant. Anatomical impressions are obtained. What is the next stage of denture-making in this case?
Correct answer	Making of individual impression trays
B	Making of wax bases with bite blocks
C	Checking the denture construction
D	Obtaining the functional impressions
E	Measuring the centric relation between the jaws
№ 7	Krok 2021
Topic	Removable prosthetics

Task text	When pressing plastic dough, a dental technician several times opened and closed the cuvette to check the quantity of the plastic mass in it. These actions may result in the development of:
Correct answer	Granular porosity
B	Cracks in the plastic
C	Gas porosity
D	Compression porosity
E	Residual stresses in the structure of a denture
№ 8	Krok 2021
Topic	Fixed prosthetics
Task text	A 44-year-old man came to a dental polyclinic to have a denture made for him. He complains of problematic chewing and an aesthetical defect. Objectively, his teeth 14, 15, and 22 are missing. According to Agapov, the loss of masticatory efficiency in this case is:
Correct answer	<b>18%</b>
B	<b>9%</b>
C	<b>20%</b>
D	<b>16%</b>
E	12%
№ 9	Krok 2021
Topic	<b>Maxillofacial Orthopedics</b>

Task text	A 65-year-old man was diagnosed with a bilateral uncomplicated mandibular fracture in the mental region. The patient uses removable complete dentures. Choose the long-term splint for this patient:
Correct answer	Port splint
B	Weber splint
C	Vankevich splint
D	Vasiliev splint
E	The patient's own dentures
№ 10	Krok 2021
Topic	<b>Maxillofacial Orthopedics</b>
Task text	A 35-year-old man has an open unilateral non-displaced fracture of the mandibular body on the left. The fracture line passes between the missing teeth 33 and 34. The fragments need to be immobilized. What splint would be the most advisable for this purpose?
Correct answer	Tigerstedt splint with a spreader bar
B	Splint with an inclined plane
C	Smooth splint-bracket
D	Two-jaw splint with wire loops A
E	Port splint
№ 11	Krok 2021
Topic	Fixed prosthetics

Task text	A 27-year-old woman needs a denture. Objectively, her tooth 15 is missing, while teeth 14 and 16 are intact. What denture is preferable in this case?
Correct answer	Adhesive dental bridge
B	Swaged dental bridge
C	Adhesive dental bridge A
D	Clasp (bugel) denture
E	Porcelain-fused-to-metal dental bridge
№ 12	Krok 2021
Topic	<b>Removable prosthetics</b>
Task text	Removable partial dentures for both jaws are being made for a 60-year-old man. The patient has a history of chronic angular stomatitis. When making his dentures, special attention should be paid to the:
Correct answer	Restoration of the interalveolar height
B	Final processing of the denture base
C	Oral cavity sanitation
D	Choice of impression material
E	Choice of material for the denture base
№ 13	Krok 2021
Topic	Removable prosthetics
Task text	A 71-year-old man came to a dental orthopedist to have a denture made for him. During examination, the dentist noticed that the mucosa that covers the palate and the alveolar processes was worn thin and barely pliant. What Supple class is it?

Correct answer	Second
B	Third
C	-
D	Fourth
E	First
№ 14	Krok 2021
Topic	<b>Removable prosthetics</b>
Task text	A clasp (bugel) denture with clammer fixation is being made for a partially edentulous (Kennedy class I) man. Impressions were obtained, casts were made, and the centric relation of the jaws was determined and fixed. What laboratory stage of the denture-making is the next one?
Correct answer	Studying the working cast in a parallelometer
B	Marking the denture frame
C	Duplication of the cast
D	Installation of the gating system
E	Obtaining a refractory cast
№ 15	Krok 2021
Topic	Maxillofacial Orthopedics
Task text	A 40-year-old man has a fresh mental mandibular fracture without visible displacement of the fragments. What dental orthopedic appliance is recommended in this case?
Correct answer	Replacing
B	Fixing



C	Forming
D	Directing
E	Reponating
№ 16	Krok 2021
Topic	<b>Removable prosthetics</b>
Task text	A 35-year-old man complains of missing teeth on his lower jaw. Objectively, teeth 36, 37, and, 38 are missing. Teeth 34 and 35 are intact. What type of dentition restoration would be optimal in this case?
Correct answer	Porcelain-fused-to-metal crowns with abutment implants in place of teeth 36 and 37
B	Adhesive dental bridge
C	Clasp (bugel) denture with a continuous - clasp (clammer) for the lower jaw
D	Removable partial laminar denture for the lower jaw
E	Porcelain-fused-to-metal cantilever denture with abutment crowns on teeth 34 and 35
№ 17	Krok 2021
Topic	Diseases of parodontal tissues
Task text	A 35-year-old woman came to the dental office complaining of teeth mobility. Objectively, her teeth 42, 41, 31, 32 have the II degree mobility and teeth 43, 33 have the I degree mobility. Her tooth crowns are intact. The woman presents with a deep bite. X-ray shows resorption of the interdental septa by 1/3 of the root height. What splint construction is advisable in this case for temporary use?
Correct answer	Made of armored composite.
B	Consisting of equator crowns

C	Consisting of semi-crowns
D	Clasp-retained (bugel) denture
E	Cap splint
№ 18	Krok 2021
Topic	Maxillofacial Orthopedics
Task text	A 26-year-old man came to a dental clinic. He was diagnosed with a non-displaced fracture of the maxillary alveolar process in the area of teeth 14 and 15. The dentition remains uninterrupted. All the teeth are stable. What splint must be applied in this case?
Correct answer	Smooth splint-bracket
B	Tigerstedt splint with an inclined plane
C	Tigerstedt splint with a spreader bar
D	Vasiliev splint
E	Tigerstedt splint with wire loops
№ 19	Krok 2021
Topic	Anesthesia in the orthopedic dentistry clinic
Task text	A porcelain-fused-to-metal dental bridge is being made for a 31-year-old woman. Vital teeth 33, 36, and 37 will function as the abutment teeth. The teeth preparation is planned to be done under anesthesia. What type of anesthesia will
	be the most effective in this case?
Correct answer	Conduction (torusal)
B	Intraligamentary
C	Infiltration
D	Conduction (tuberal and palatal)

E	Application
№ 20	Krok 2021
Topic	Anesthesia in the orthopedic dentistry clinic
Task text	Preparation of the vital tooth 34 for the installation of an all-ceramic crown is planned for a 38-year-old man. The man suffers from ischemic heart disease. What anesthesia is advisable in this case?
Correct answer	Infiltration
B	Thuberal
C	Intraligamentary
D	Torusal
E	Mental
№ 21	Krok 2021
Topic	<b>Removable prosthetics</b>
Task text	A 40-year-old man came to a dental clinic with complaints of bleeding, edematous, and hyperemic gums and missing lateral teeth on his lower jaw. A complex treatment is planned for this man, along with making removable dentures. What method of functional diagnostics is used to assess the condition of the periodontal vessels?
Correct answer	Rheoparodontography
B	X-ray
C	Masticatiography
D	Galvanometry
E	Myography

№ 22	Krok 2021
Topic	Fixed prosthetics
Task text	A 40-year-old man complains of constant deccmentation of the porcelain- fused-to-metal crown on tooth 11. The crown was made for him one year ago. How must the stump of the prepared tooth look like for proper functioning of this type of dental crown?
Correct answer	Conical shape, convergence angle of 5-7 degrees, two-plane preparation, circular ledge
B	Cylindrical shape, single-plane preparation, no ledge
C	Conical shape, convergence angle of 15-20 degrees, single-plane preparation, circular ledge
D	Cylindrical shape, two-plane preparation, circular ledge
E	Conical shape, convergence angle of 10-15 degrees, single-plane preparation, circular ledge
№ 23	Krok 2021
Topic	Fixed prosthetics
Task text	A non-removable porcelain-fused-to- metal dental bridge is being made for a 35- year-old woman. Two-layer impressions were obtained using the «Silaflex» silicone material. The impression were sent for disinfection. What antiseptic should be used to process the impressions?
Correct answer	0.5% hypochlorite sodium solution
B	1.5% sodium bicarbonate solution
C	70% alcohol solution
D	3% chloramine solution
E	0.5% hydrogen peroxide solution
№ 24	Krok 2021

Topic	Removable prosthetics
Task text	On the second day after the fixation of partial laminar dentures, a man developed complaints of a burning sensation and an unpleasant taste in his mouth, when using the dentures. Examination revealed hyperemic mucosa and hypersalivation. Prior to making new dentures, he was using the old ones for 5 years and had no such complaints. What is the likely cause of this phenomenon?
Correct answer	The presence of a residual monomer in the denture base
B	Allergic reaction to the components of the base plastic
C	Incorrect usage of the dentures
D	Improper oral hygiene
E	Poor quality of the base plastic
№ 25	Krok 2021
Topic	Fixed prosthetics
Task text	A 55-year-old woman needs removable implant-retained dentures for both jaws. It is necessary to choose the type, the number, and the placement of implants. What additional examination method will be the most efficient in making this decision?
Correct answer	Computed tomography
B	Study of diagnostic dental casts
C	Ultrasound densitometry
D	Occlusography
E	Spot X-ray
№ 26	Krok 2021

Topic	Maxillofacial Orthopedics
Task text	A 40-year-old man has a fresh mental mandibular fracture without visible displacement of the fragments. What dental orthopedic appliance is recommended in this case?
Correct answer	Fixing
B	Replacing
C	Forming
D	Directing
E	Repositioning
№ 27	Krok 2021
Topic	<b>Removable prosthetics</b>
Task text	Removable complete dentures are being made for a 70-year-old man with completely edentulous jaws and marked prognathism. What artificial teeth are not placed in such dentures?
Correct answer	Second premolars on the upper jaw
B	Second molars on the upper jaw
C	Second molars on the lower jaw y.
D	First premolars on the lower jaw
E	Second premolars on the lower jaw
№ 28	Krok 2021
Topic	<b>Removable prosthetics</b>

Task text	A 60-year-old woman complains of pain in her ears and in the area of her temporomandibular joint and her teeth clacking when she talks. Her removable complete dentures were made two weeks ago. Objectively, her nasolabial folds are smoothed out, her masticatory muscles are strained. What tactics should be chosen by a dental orthopedist in this case?
Correct answer	Make a new denture for the upper jaw
B	B. Correct the occlusal surface of the upper denture
C	C. Correct the occlusal surfaces of the both dentures
D	D. Correct the occlusal surface of the lower denture
E	E. Measuring the centric relation between the jaws
№ 29	Krok 2021
Topic	<b>Removable prosthetics</b>
Task text	The anatomo-physiological method was applied to determine the interalveolar height of a 65-year-old man with completely edentulous jaws. How does the distance between the control points on the chin and at the nasal base differ in this case from the physiological resting state of the lower jaw?
Correct answer	It is 2-3 mm shorter
B	It is 5-6 mm longer
C	It is 2-3 mm longer
D	It is 5-6 mm shorter
E	The distance is the same
№ 30	Krok 2021
Topic	<b>2021, Fixed prosthetics</b>

Task text	31. A 47-year-old man came to a dentist to have a denture made for him. Objectively, his teeth 43, 44, and 45 are missing. What class of mandibular dentition defect is it according to Kennedy?
Correct answer	A. 3
B	B. 2
C	C. -
D	D. 1
E	E. 4
№ 31	Krok 2021
Topic	<b>Fixed prosthetics</b>
Task text	A 42-year-old man complains of problems with chewing. Objectively, his tooth 26 is missing. On the medial surface of tooth 27 and distal surface of tooth 25 there are class II carious cavities according to Black's classification. It is recommended to make a full-cast dental bridge with 27 and 25 as the abutment teeth. What material is used to assess whether the dental bridge framework tightly adheres to the abutment teeth?
Correct answer	Corrective silicone mass
B	Basic silicone mass
C	. -
D	Articulating paper
E	Model wax
№ 32	Krok 2021
Topic	Removable prosthetics



Task text	A patient needs a removable full laminar denture for the upper jaw. Objectively, on the mucosa of the denture bed there are numerous dense papillomas of varying size. What tactics should the dentist choose?
Correct answer	Remove papillomas and make a denture with a double-layered base lined with elastic material
B	Reduce the area of the denture base
C	Make the denture base from metal
D	Removable dentures are contraindicated in this case
E	Make a 3D-model of the denture base
№ 33	Krok 2021
Topic	Emergencies at the Prosthetic Dentistry Clinic.
Task text	A 50-year-old woman with compensated insulin-dependent diabetes mellitus needs dental prosthetics. She has been in a clinic for several hours already, during which she was nervous and skipped her meals. In the process of obtaining her dental impressions, she suddenly became aggressive, paled, broke out in cold sweat, and fell unconscious. What substance is used for emergency aid in such clinical situations?
Correct answer	Insulin
B	Ammonia solution
C	Glucose solution
D	Valocordin
E	Nitroglycerine
№ 34	Examination of the patient in the clinic of orthopedic dentistry
Topic	Examination of the patient in the clinic of orthopedic dentistry

Task text	During intraoral examination the dentist suspected that the patient has syphilis. What should the dentist do in this case?
Correct answer	Complete the examination and refer the patient for necessary tests
B	Continue the examination and start the teeth preparation
C	Decline to provide dental services for this patient
D	Inform the patient of the suspected diagnosis and end the visit
E	Obtain the impressions to study the diagnostic dental cast
№ 35	Krok 2021
Topic	Removable prosthetics
Task text	A 45-year-old man complains of painful and loose front teeth on his lower jaw. Objectively, teeth 41, 42, 31, and 32 have the III degree of mobility. Plans are made to remove these teeth and make a direct denture for this man. When should a direct denture be installed after the teeth extraction?
Correct answer	On the day of the teeth extraction
B	7 days after the teeth extraction
C	14 days after the teeth extraction
D	3-4 days after the teeth extraction
E	1-2 days after the teeth extraction
№ 36	Krok 2021
Topic	Removable prosthetics
Task text	A 60-year-old man came to a dentist two days after the fixation of a removable partial denture. He complains of an ulcer that appeared on his oral mucosa. What has caused the mucosal lesion near the edge of the denture base?

Correct answer	Mechanical trauma of the mucosa with the edge of the denture base
B	Eating coarse food
C	Poorly fixed denture
D	Incorrectly placed clasps
E	Mistakes when fitting the artificial teeth
№ 37	Krok 2021
Topic	Maxillofacial Orthopedics
Task text	<p>A 47-year-old man complains of frequent recurrent jaw dislocations. Objectively, the teeth are retained and the molars are covered with artificial crowns. What treatment tactics should be chosen in this case?</p>
Correct answer	Restriction of the mouth opening, using the Petrosov appliance
B	Restriction of the mouth opening, using the Schroeder appliance
C	Immobilization of the jaw with teeth ligation
D	Myogymnastics, physiotherapy
E	Physiotherapy
№ 38	Krok 2021
Topic	Fixed prosthetics

Task text	During preparation of a 38-year-old man for denture-making, a perforation of the pulp chamber floor was detected in the bifurcation area of tooth 46. Objectively, tooth 46 is immobile and has no periodontal pockets. X-ray shows completely filled root canals of tooth 46 without pathologic changes in their periapical area. In the bifurcation area of tooth 46, the apex of the interradicular septum is destroyed. What type of procedure is recommended in this case to retain the tooth?
Correct answer	Bicuspidization (bisection)
B	Amputation
C	Resection
D	Hemiscction
E	Replantation
№ 39	Krok 2021
Topic	Removable prosthetics
Task text	A 55-year-old woman needs removable implant-retained dentures for both jaws. It is necessary to choose the type, the number, and the placement of implants. What additional examination method will be the most efficient in making this decision?
Correct answer	Computer tomography
B	Spot X-ray
C	Study of diagnostic dental casts
D	Ultrasound densitometry
E	Occlusography