



Catalogue of elective subjects
Specialty: "7R01101 "Cardiology, including Pediatric Cardiology""
 (residency)
2021-2022 academic year

3-course - MI - 8

1	2	3	4	5	6	7	8				9	10	11		
							amount of hours								
№	a module / discipline	module component	cycle of discipline	Course Description	Prerequisites	postrequisites	the department participating in the module	the number of credits	lecture	practice	independent work of students	independent work of student with the teacher	course (specialization / training trajectory)	responsible department for the module / discipline	Head of the department
1	Instrumental methods of diagnostics and treatment in cardiology	Ultrasound diagnostics in cardiology	MI	Study of the principles of non-invasive research methods and invasive methods of treatment in cardiology.	internship disciplines	disciplines Master's, PhD	Department of cardiology	8	-	12	18	90	3	Department of cardiology	Жусупова Г.К.
		Electrophysiological methods of treatment in cardiology							-	12	18	90			
2	Emergency cardiology	Rational pharmacotherapy in emergency cardiology	MI	Study of modern methods of treatment of emergency conditions in cardiology.	internship disciplines	disciplines Master's, PhD	Department of cardiology	8	-	12	18	90	3	Department of cardiology	Жусупова Г.К.
		Emergencies in cardiology							-	12	18	90			
3	Legal regulation of public relations in the healthcare sector	Legal status of medical professionals	MI	The course is aimed at developing legal knowledge that allows you to make legitimate decisions in situations that arise in the course of professional activity, independently give a legal assessment of cases of improper medical care and determine the possible legal consequences of such acts, to develop skills in preparing documents used in the activities of medical organizations and using legal mechanisms to protect the rights and legitimate interests of both medical workers and patients, to study the practice of considering court cases in the field of providing medical services.	Specialized disciplines of the specialty	Disciplines of magistracy, doctoral studies	Department of medical law and ethics	8	-	12	90	18	3	Department of medical law and ethics	Тлембаева Ж.У.
		Judicial practice in cases involving the provision of medical services							-	12	90	18			

Discussed and agreed on the meeting the University Committee for Quality Assurance

30.06.2021, protocol №5



I approve
Vice-Rector for Academic Affairs
M. Dauletyarova

Catalogue of elective subjects
Specialty: "7R01117 "Anesthesiology and Resuscitation, including Pediatric Anesthesiology and Resuscitation"!"
(residency)
2021-2022 academic year

3-course - MI - 8

1	2	3	4	5	6	7	8				9	10	11		
							lecture	practice	independent work of students	independent work of student with the teacher					
№	a module / discipline	module component	cycle of discipline	Course Description	Prerequisites	postrequisites	the department participating in the module	the number of credits	amount of hours				course (specialization / training trajectory)	responsible department for the module / discipline	Head of the department
1	Topical issues of pain therapy in critical medicine	Management of the quality of treatment of acute and chronic pain syndrome	MI	The modern possibilities of assessing the severity of pain, monitoring the effectiveness and safety of pain therapy are considered.	Basic and major residency disciplines in the specialty "Anesthesiology and Reanimatologi, including children"	Postgraduate and doctoral degrees	№1 Anesthesiology and Intensive care Department	8	-	12	18	90	3	№1 Anesthesiology and Intensive care Department	Конкаев А.К.
		Modern methods of treatment of acute pain							-	12	18	90			
2	Innovative technologies in the practice of anesthesiologist-resuscitator	Monitoring in the Department of Anesthesiology and Resuscitation	MI	The issues of introducing innovative technologies for patient monitoring of the patient, innovative technologies in the device of modern ventilators are considered.	Basic and major residency disciplines in the specialty "Anesthesiology and Reanimatologi, including children"	Postgraduate and doctoral disciplines	№1 Anesthesiology and Intensive care Department	8	-	12	18	90	3	№1 Anesthesiology and Intensive care Department	Конкаев А.К.
		Innovative technologies in the device of modern ventilators are considered							-	12	18	90			
3	Anesthesiology and intensive care in obstetrics	Emergency anesthesia in obstetrics, intensive care for bleeding	MI	The use of modern methods of anesthesia and intensive care in obstetrics.	Basics of general medical practice, internal diseases, surgical diseases	Subjects of residency, graduate and practical activities	№2 Anesthesiology and Intensive care Department	8	-	12	18	90	3 Clinical direction	№2 Anesthesiology and Intensive care Department	Мустафин Алибек Хамзенович
		Intensive care for preeclampsia and its complications							-	12	18	90	3		

1	2	3	4	5	6	7	8					9	10	11		
№	a module / discipline	module component	cycle of discipline	Course Description	Prerequisites	postrequisites	the department participating in the module	the number of credits	amount of hours					course (specialization / training trajectory)	responsible department for the module / discipline	Head of the department
									lecture	practice	independent work of students	independent work of student with the teacher				
4	Innovative technologies in anesthesiology and resuscitation	An integrated approach to the treatment of organ disorders in shock	MI	Current views on intensive care.	Profiling residency discipline	Disciplines of magistracy and doctoral studies	№2 Anesthesiology and Intensive care Department	8	-	12	18	90	3	№2 Anesthesiology and Intensive care Department	Мустафин Алибек Хамзенович	
		Optimization of ventilation parameters, protective ventilation (mechanical ventilation). Correction of acid-base condition with severe lung lesions							-	12	18	90				
5	The syndrome of endogenous intoxication	The principles of intensive care	MI	The educational program of this module involves the study of the basic principles of correction of endogenous intoxication syndrome on the basis of an interdisciplinary approach in accordance with the competence model.	General Pathology.	-	Department of pediatric anesthesiology, intensive care and emergency medicine	8	-	50	50	50	3	Department of pediatric anesthesiology, intensive care and emergency medicine	Малгабарова Н.А.	
		The syndrome of endogenous intoxication							-	30	30	30				
6	Legal regulation of public relations in the healthcare sector	Legal status of medical professionals	MI	The course is aimed at developing legal knowledge that allows you to make legitimate decisions in situations that arise in the course of professional activity, independently give a legal assessment of cases of improper medical care and determine the possible legal consequences of such acts, to develop skills in preparing documents used in the activities of medical organizations and using legal mechanisms to protect the rights and legitimate interests of both medical workers and patients, to study the practice of considering court cases in the field of providing medical services.	Specialized disciplines of the specialty	Disciplines of magistracy, doctoral studies	Department of medical law and ethics	8	-	12	90	18	3	Department of medical law and ethics	Тлембаева Ж.У.	
		Judicial practice in cases involving the provision of medical services							-	12	90	18				

Discussed and agreed on the meeting the University Committee for Quality Assurance
30.06.2021, protocol №5



I approve
Vice-Rector for Academic Affairs

M.Dauletyarova

Catalogue of elective subjects
Specialty: "7R01125 "Traumatology-orthopedics, including children's""

(residency)

2021-2022 academic year

3-course - MI - 8

1	2	3	4	5	6	7	8				9	10	11		
							the number of credits (hours)	lecture	practice	independent work of students				independent work of student with the teacher	
№	a module / discipline	module component	cycle of discipline	Course Description	Prerequisites	postrequisites					the department participating in the module	the number of credits (hours)	lecture		practice
1	Selected issues of traumatology and orthopedics	Multiple and combined injuries. Principles of "Damage" - control	MI	The module addresses the issues of diagnosis and treatment of diseases and injuries of the musculoskeletal system.	Internship disciplines	Doctoral disciplines	Department of traumatology and orthopedics	8	-	12	18	90	3	Department of traumatology and orthopedics	Абиймажинов М.Т.
		Reconstructive surgery in traumatology and orthopedics							-	12	18	90			
2	Current requirements in traumatology and orthopedics	Modern view in the treatment of multiple and associated damage to the musculoskeletal system	MI	The modern features of diagnosis and treatment of disease and damage to the bone and articular system are considered.	Internship disciplines	Doctoral disciplines	Department of traumatology and orthopedics	8	-	12	18	90	3	Department of traumatology and orthopedics	Абиймажинов М.Т.
		Reconstructive orthopedic surgery							-	12	18	90			
3	Legal regulation of public relations in the healthcare sector	Legal status of medical professionals	MI	The course is aimed at developing legal knowledge that allows you to make legitimate decisions in situations that arise in the course of professional activity, independently give a legal assessment of cases of improper medical care and determine the possible legal consequences of such acts, to develop skills in preparing documents used in the activities of medical organizations and using legal mechanisms to protect the rights and legitimate interests of both medical workers and patients, to study the practice of considering court cases in the field of providing medical services.	Specialized disciplines of the specialty	Disciplines of magistracy, doctoral studies	Department of medical law and ethics	8	-	12	90	18	3	Department of medical law and ethics	Тлембаева Ж.У.
		Judicial practice in cases involving the provision of medical services							-	12	90	18			

Discussed and agreed on the meeting the University Committee for Quality Assurance
30.06.2021, protocol №5



I approve
Vice Rector for Academic Affairs

M. Dauletyarova

Catalogue of elective subjects

Specialty: "7R01126 Urology and Andrology, including Pediatric Urology and Andrology"

(residency)

2021-2022 academic year

3-course - MI-8

1	2	3	4	5	6	7	8					9	10	11	
							the department participating in the module	the number of credits	amount of hours						course (specialization / training trajectory)
lecture	practice	independent work of students	independent work of student with the teacher												
1	Legal regulation of public relations in the healthcare sector	Legal status of medical professionals	MI	The course is aimed at developing legal knowledge that allows you to make legitimate decisions in situations that arise in the course of professional activity, independently give a legal assessment of cases of improper medical care and determine the possible legal consequences of such acts, to develop skills in preparing documents used in the activities of medical organizations and using legal mechanisms to protect the rights and legitimate interests of both medical workers and patients, to study the practice of considering court cases in the field of providing medical services	Specialized disciplines of the specialty	Disciplines of magistracy, doctoral studies	Department of medical law and ethics	8	-	12	90	18	3	Department of medical law and ethics	Тлембаева Ж.У.
		Judicial practice in cases involving the provision of medical services							-	12	90	18			
2	Modern tactics of treatment of urological and andrological diseases	Conservative and operative treatment of urinary tract infections	MI	Features of modern methods of diagnosis, conservative treatment of urinary tract infections with different localization. Modern conservative and operative treatments of urinary tract infections.	Pathology of organs and systems, the basics of general medical practice	Doctorate disciplines	Department of urology and andrology	8	-	40	60	20	3	Department of urology and andrology	Жанбырбекулы У.
		Conservative and operative treatment of urinary tract infections							-	40	60	20			

Discussed and agreed on the meeting the University Committee for Quality Assurance

30.06.2021, protocol №5



Catalogue of elective subjects
 Specialty: "7R01128 "Otorhinolaryngology, including Pediatric Otorhinolaryngology"
 (residency)
 2021-2022 academic year

3-course - MI - 8

№	a module / discipline	module component	cycle of discipline	Course Description	Prerequisites	postrequisites	the department participating in the module	the number of credits	amount of hours				course (specialization / training trajectory)	responsible department for the module / discipline	Head of the department
									lecture	practice	independent work of students	independent work of student with the teacher			
1	Neoplasms and specific infectious granulomas of the head and neck organs	Head and neck oncology issues	MI	Study of issues of early diagnosis, modern principles of treatment of neoplasms of the ENT organs and organs of the head and neck, as well as specific infectious granulomas (tuberculosis, syphilis, scleroma).	basic and core disciplines of residency	disciplines of magistracy and doctoral studies	Department of Oncology	8	-	12	18	90	3	Department of ENT diseases	Тулебаев Р.К.
		Department of ENT diseases					-		12	18	90				
2	Innovative technologies in otorhinolaryngology	Lasers in otorhinolaryngology	MI	Studying and acquiring skills on modern principles of diagnosis and surgical treatment of diseases of the nose and paranasal sinuses using endoscopic equipment, on the diagnosis and surgical treatment of ear pathology, and methods of surgical rehabilitation of auditory dysfunction. Laser radiation in the diagnosis and treatment of pathology of ENT organs.	basic and core disciplines of residency	disciplines of magistracy and doctoral studies	Department of ENT diseases	8	-	6	9	45	3	Department of ENT diseases	Тулебаев Р.К.
		Endoscopic rhinosinusosurgery							-	9	13	68			
		Ear microsurgery							-	9	13	68			

1	2	3	4	5	6	7	8					9	10	11		
№	a module / discipline	module component	cycle of discipline	Course Description	Prerequisites	postrequisites	the department participating in the module	the number of credits	amount of hours					course (specialization / training trajectory)	responsible department for the module / discipline	Head of the department
									lecture	practice	independent work of students	independent work of student with the teacher				
3	Basics of reconstructive and aesthetic surgery of the organs of the head and neck	Reconstructive and aesthetic surgery of ENT organs	MI	Studying and acquiring skills in modern reconstructive and aesthetic surgery of congenital and acquired as a result of diseases, injuries, operations, defects of ENT organs, neoplasms of the head and neck and improving the appearance of a healthy person.	basic and core disciplines of residency	disciplines of magistracy and doctoral studies	Department of ENT diseases	8	-	12	18	90	3	Department of ENT diseases	Тулбаев Р.К.	
		Department of Human Anatomy					-		12	18	90					
4	Legal regulation of public relations in the healthcare sector	Legal status of medical professionals	MI	The course is aimed at developing legal knowledge that allows you to make legitimate decisions in situations that arise in the course of professional activity, independently give a legal assessment of cases of improper medical care and determine the possible legal consequences of such acts, to develop skills in preparing documents used in the activities of medical organizations and using legal mechanisms to protect the rights and legitimate interests of both medical workers and patients, to study the practice of considering court cases in the field of providing medical services.	Specialized disciplines of the specialty	Disciplines of magistracy, doctoral studies	Department of medical law and ethics	8	-	12	90	18	3	Department of medical law and ethics	Тлембаева Ж.У.	
		Judicial practice in cases involving the provision of medical services							-	12	90	18				

Discussed and agreed on the meeting the University Committee for Quality Assurance
30.06.2021, protocol №5



Catalogue of elective subjects
Specialty: "7R01132 "Obstetrics and Gynecology, including Pediatric Gynecology"
(residency)
2021-2022 academic year

3-course - MI - 8

№	a module / discipline	module component	cycle of discipline	Course Description	Prerequisites	postrequisites	the department participating in the module	the number of credits	amount of hours				course (specialization / training trajectory)	responsible department for the module / discipline	Head of the department
									lecture	practice	independent work of students	independent work of student with the teacher			
1	Infertile couple	Auxiliary reproductive technologies	MI	Study of the root causes of infertility. Principles of evidence-based medicine, rational clinical assessment of fertility, diagnosis and pharmacotherapy of female and male infertility. Endocrine female infertility. Tubal peritoneal infertility. Male infertility. Infertility and small forms of endometriosis. Married couple survey algorithm. Counseling infertile couple. Auxiliary reproductive technologies.	Basic and specialized disciplines of residency in the specialty	Disciplines of magistracy, doctoral studies	Department of Obstetrics and Gynecology №2	8	-	6	9	45	3	Department of Obstetrics and Gynecology №2	Искаков С.С.
		-							9	14	67				
		-							9	14	67				
2	Laparoscopic surgery in gynecology	Laparoscopically Assisted Surgery	MI	The study of the features and the development of skills for surgical interventions in gynecology by laparoscopic access. Work with laparoscopic equipment, setting modes.	Basic and specialized disciplines of residency in the specialty	Disciplines of magistracy, doctoral studies	Department of Obstetrics and Gynecology №2	8	-	6	9	45	3	Department of Obstetrics and Gynecology №2	Искаков С.С.
		-							9	14	67				
		-							9	14	67				

1	2	3	4	5	6	7	8	9	10	11					
											№	a module / discipline	module component	cycle of discipline	Course Description
lecture	practice	independent work of students	independent work of student with the teacher												
3	Surgical diseases in obstetrics and gynecology	Acute cholecystitis and pregnancy	MI	Features of the course, differential diagnosis and treatment of surgical pathology in obstetric and gynecological practice.	Basic and specialized disciplines of residency in the specialty	Disciplines of magistracy, doctoral studies	Department of Obstetrics and Gynecology №2	8	-	6	9	45	3	Department of Obstetrics and Gynecology №2	Искаков С.С.
		Acute appendicitis and pregnancy							-	9	14	67			
		Intestinal obstruction and pregnancy							-	9	14	67			
4	Extragenital pathology in obstetrics and gynecology	Pregnancy and lung disease	MI	Study of the effect of extragenital pathology on the course of the gestational process. Contraindications for gestational pregnancy with extragenital pathology. Preparing for pregnancy with extragenital pathology. Features of the gynecological pathology on the background of somatic diseases.	Basic and specialized disciplines of residency in the specialty	Disciplines of magistracy, doctoral studies	Department of Obstetrics and Gynecology №2	8	-	6	9	45	3	Department of Obstetrics and Gynecology №2	Искаков С.С.
		Pregnancy and kidney disease							-	9	14	67			
		Pregnancy and cardiovascular disease							-	9	14	67			
5	Legal regulation of public relations in the healthcare sector	Legal status of medical professionals	MI	The course is aimed at developing legal knowledge that allows you to make legitimate decisions in situations that arise in the course of professional activity, independently give a legal assessment of cases of improper medical care and determine the possible legal consequences of such acts, to develop skills in preparing documents used in the activities of medical organizations and using legal mechanisms to protect the rights and legitimate interests of both medical workers and patients, to study the practice of considering court cases in the field of providing medical services.	Specialized disciplines of the specialty	Disciplines of magistracy, doctoral studies	Department of medical law and ethics	8	-	12	90	18	3	Department of medical law and ethics	Тлембаева Ж.У.
		Judicial practice in cases involving the provision of medical services							-	12	90	18			

I approve
Vice-Rector for Academic Affairs
M. Dauletayrova



Catalogue of elective subjects
Specialty: "7R01136 "General Surgery""
(residency)
2021-2022 academic year

3-course - MI - 8

1	2	3	4	5	6	7	8					9	10	11	
							the number of credits	amount of hours							
№	a module / discipline	module component	cycle of discipline	Course Description	Prerequisites	postrequisites	the department participating in the module	lecture	practice	independent work of students	independent work of student with the teacher	course (specialization / training trajectory)	responsible department for the module / discipline	Head of the department	
1	Coloproctology	Minimally invasive colon surgery	MI	The formation of resident knowledge on coloproctology. Improving practical competencies in this section of surgery.	Specialized disciplines of the specialty	Disciplines of magistracy, doctoral studies	Department of surgical diseases with course in angiosurgery and plastic surgery	8	-	6	9	45	3	Department of surgical diseases with course in angiosurgery and plastic surgery	Кожаметов С.К.
		Urgent conditions in Coloproctology							-	6	9	45			
		Stationary Coloproctology							-	6	9	45			
		Ambulatory proctology							-	6	9	45			
2	Current issues in Coloproctology	Urgent conditions in acute colon pathology	MI	Train residents in modern methods of diagnosis and treatment of patients with diseases of the colon and rectum. To encourage independent thinking and carrying out proctologic surgery.	Specialized disciplines of the specialty	Disciplines of magistracy, doctoral studies	Department of surgical diseases with course in angiosurgery and plastic surgery	8	-	6	9	45	3	Department of surgical diseases with course in angiosurgery and plastic surgery	Кожаметов С.К.
		Disease of the colon							-	6	9	45			
		Diseases of the rectum and pararectal tissue							-	6	9	45			
		Diagnostics in Coloproctology							-	6	9	45			
3	Metabolic surgery	The basics of metabolic surgery	MI	The student will master international standards for the treatment of diabetes and obesity. The student will receive surgical skills for the treatment of metabolic syndrome.	elective surgery	Disciplines of magistracy, doctoral studies	Department of surgical diseases, bariatric surgery and neurosurgery	8	-	9	14	67	3	Department of surgical diseases, bariatric surgery and neurosurgery	Фурсов А.Б.
		Endoscopic Bariatric Surgery							-	9	14	67			
		International Standards for the Treatment of Diabetes and Obesity							-	6	9	45			

1	2	3	4	5	6	7	8				9	10	11		
							the department participating in the module	the number of credits	amount of hours						
№	a module / discipline	module component	cycle of discipline	Course Description	Prerequisites	postrequisites			lecture	practice	independent work of students	independent work of student with the teacher	course (specialization / training trajectory)	responsible department for the module / discipline	Head of the department
4	Legal regulation of public relations in the healthcare sector	Legal status of medical professionals	MI	The course is aimed at developing legal knowledge that allows you to make legitimate decisions in situations that arise in the course of professional activity, independently give a legal assessment of cases of improper medical care and determine the possible legal consequences of such acts, to develop skills in preparing documents used in the activities of medical organizations and using legal mechanisms to protect the rights and legitimate interests of both medical workers and patients, to study the practice of considering court cases in the field of providing medical services.	Specialized disciplines of the specialty	Disciplines of magistracy, doctoral studies	Department of medical law and ethics	8	-	12	90	18	3	Department of medical law and ethics	Тлембаева Ж.У.
		Judicial practice in cases involving the provision of medical services							-	12	90	18			
5	Surgical Pancreatology	Pancreatic cancer	MI	To train residents in modern methods of diagnosis or treatment of patients with pancreatic diseases. Encourage independent thinking, the development of clinical tactics and treatment of diseases of the pancreas.	Specialized disciplines of the specialty	Disciplines of magistracy, doctoral studies	Department of surgical diseases with course in angiosurgery and plastic surgery	8	-	6	9	45	3	Department of surgical diseases with course in angiosurgery and plastic surgery	Кожаметов С.К.
		Pancreatic cysts							-	6	9	15			
		Surgical treatment of chronic pancreatitis							-	6	9	45			
		Pancreatic necrosis							-	6	9	45			
6	Laparoscopy in urgent surgery	Endosurgery for combined chest and abdominal injuries	MI	Formation of the residents' knowledge of endoscopic surgery. Improvement of practical competencies in this section of surgery.	Specialized disciplines of the specialty	Disciplines of magistracy, doctoral studies	Department of surgical diseases with course in angiosurgery and plastic surgery	8	-	6	9	45	3	Department of surgical diseases with course in angiosurgery and plastic surgery	Кожаметов С.К.
		Laparoscopic herniology							-	6	15	45			
		Emergency Laparoscopic Surgery							-	6	9	45			
		Possibilities of laparoscopy in the treatment of perforated gastric and duodenal ulcers							-	6	9	45			

Discussed and agreed on the meeting the University Committee for Quality Assurance

30.06.2021, protocol №5



Catalogue of elective subjects
Specialty: "7R09119 "Ophthalmology, including Pediatric Ophthalmology""
 (residency)
2021-2022 academic year

3-course - MI - 8

1	2	3	4	5	6	7	8	9	10	11					
											amount of hours				
№	a module / discipline	module component	cycle of discipline	Course Description	Prerequisites	postrequisites	the department participating in the module	the number of credits	lecture	practice	independent work of students	independent work of student with the teacher	course (specialization / training trajectory)	responsible department for the module / discipline	Head of the department
1	Neuroophthalmology	Innovative technologies in ophthalmology	MI	Neuroophthalmology - a module that studies the general physiology and pathophysiology of the organ of vision, etiology, clinic, diagnosis of neuro-ophthalmological disorders in vascular pathology of the brain, craniocerebral trauma and modern methods of their investigation.	Basic and major disciplines of residency	Disciplines of magistracy, doctoral studies	Department of Ophthalmic Diseases	8	-	12	18	90	3	Department of Ophthalmic Diseases	Ахмедьянова З.У.
		Craniocerebral injuries and neuro-ophthalmologic disorders							-	12	18	90			
2	Pathology of the organ of vision in general diseases	Pathology of organ of sight during general diseases	MI	Modern information about the etiology, pathogenesis, clinical picture and treatment of lesions in general diseases. Damage to the retina in hypertension. Hypertensive retinopathy. Acute diseases of the orbit, eyelids, lacrimal organs, cornea, sclera, choroid, retina. Injury to the organ of vision.	Basic and major disciplines of residency	Disciplines of magistracy, doctoral studies	Department of Ophthalmic Diseases	8	-	12	18	90	3	Department of Ophthalmic Diseases	Ахмедьянова З.У.
		Emergency care in ophthalmology							-	12	18	90			
3	Legal regulation of public relations in the healthcare sector	Legal status of medical professionals	MI	The course is aimed at developing legal knowledge that allows you to make legitimate decisions in situations that arise in the course of professional activity, independently give a legal assessment of cases of improper medical care and determine the possible legal consequences of such acts, to develop skills in preparing documents used in the activities of medical organizations and using legal mechanisms to protect the rights and legitimate interests of both medical workers and patients, to study the practice of considering court cases in the field of providing medical services.	Specialized disciplines of the specialty	Disciplines of magistracy, doctoral studies	Department of medical law and ethics	8	-	12	90	18	3	Department of medical law and ethics	Тлембаева Ж.У.
		Judicial practice in cases involving the provision of medical services							-	12	90	18			



I approve
Vice-Rector for Academic Affairs
M. Dauletyarova

Catalogue of elective subjects
Specialty: "7R09131 "Maxillofacial surgery, including pediatric surgery""
(residency)
2021-2022 academic year

3-course - MI - 8

№	a module / discipline	module component	3 cycle of discipline	4 Course Description	5 Prerequisites	6 postrequisites	the department participating in the module	7 the number of credits	8 amount of hours				9 course (specialization / training trajectory)	10 responsible department for the module / discipline	11 Head of the department
									lecture	practice	independent work of students	independent work of student with the teacher			
1	Legal regulation of public relations in the healthcare sector	Legal status of medical professionals	MI	The course is aimed at developing legal knowledge that allows you to make legitimate decisions in situations that arise in the course of professional activity, independently give a legal assessment of cases of improper medical care and determine the possible legal consequences of such acts, to develop skills in preparing documents used in the activities of medical organizations and using legal mechanisms to protect the rights and legitimate interests of both medical workers and patients, to study the practice of considering court cases in the field of providing medical services.	Specialized disciplines of the specialty	Disciplines of magistracy, doctoral studies	Department of medical law and ethics	8	-	12	90	18	3	Department of medical law and ethics	Тлембаева Ж.У.
		Judicial practice in cases involving the provision of medical services							-	12	90	18			
2	Fundamentals of plastic and reconstructive surgery of the face and neck	Recovery operations	MI	Deepening of theoretical knowledge on topical issues of topographic anatomy, operative surgery and training of residents to use modern methods and techniques of surgery to solve clinical problems in the diagnosis and differentiated approach in the process of planning and implementing the correction of aesthetic problems, age-related changes and deformities in the face and neck.	Specialized disciplines of the specialty	Disciplines of magistracy, doctoral studies	Department of surgical diseases with course in angiosurgery and plastic surgery	8	-	6	45	9	3	Department of surgical diseases with course in angiosurgery and plastic surgery	Кожаметов С.К.
		Anti-aging operations							-	6	45	9			
		Cheiloplasty, Uranostaphyloplasty				-			6	45	9				
		Rhinoplasty, otoplasty, blepharoplasty				-			6	45	9				
3	Combined injuries of the maxillofacial region (MFR): features of diagnosis and emergency care	Combined injuries of the maxillofacial region with a fracture of the zygomatic-orbital complex	MD	The development of theoretical foundations and practical skills, the formation of students' medical behavior, thinking and skills that ensure the solution of professional tasks and the application of the algorithm of medical activity in the module "Combined injuries of the maxillofacial region (MFR): features of diagnosis and emergency care".	Specialized disciplines of the specialty	Disciplines of magistracy, doctoral studies	Department of surgical diseases with course in angiosurgery and plastic surgery	8	-	6	45	9	3	Department of surgical diseases with course in angiosurgery and plastic surgery	Кожаметов С.К.
		Combined injuries of the maxillofacial region with a fracture of the upper jaw							-	6	45	9			
		Combined injuries of the maxillofacial region with a fracture of the lower jaw							-	6	15	9			
		Algorithm of emergency care for combined CHLO injuries							-	6	45	9			