МИНИСТЕРСТВО НАУКИ И ВЫСШЕГО ОБРАЗОВАНИЯ РОССИЙСКОЙ ФЕДЕРАЦИИ,
МИНИСТЕРСТВО НАУКИ, ВЫСШЕГО ОБРАЗОВАНИЯ И ИННОВАЦИЙ
КЫРГЫЗСКОЙ РЕСПУБЛИКИ

МОО ВО Кыргызско-Российский Славянский университет
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УТВЕРЖДАЮ
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ПРОФЕССИОНАЛЬНЫЙ ЦИКЛ
Фармакология

аннотация дисциплины (модуля)

Разработано **Базисной и клинической фармакологии, химии и биохимии**

Учебный план 310501_26_1 лд ин.plx
560001 Лечебное дело (Для иностранных студентов)

Квалификация **врач**

Форма обучения **очная**

Распределение часов дисциплины по семестрам

Семестр (<Курс>.<Семестр на курсе>)	**3 (2.1)**		**4 (2.2)**		Итого	
Недель	18		17			
Вид занятий	УП	РП	УП	РП	УП	РП
Лекции	32	32	16	16	48	48
Практические	32	32	32	32	64	64
Контактная работа в период теоретического обучения	0,3	0,3			0,3	0,3
Контактная работа в период экзаменационной сессии			0,5	0,5	0,5	0,5
В том числе инт.	6	6	6	6	12	12
Итого ауд.	64	64	48	48	112	112
Контактная работа	64,3	64,3	48,5	48,5	112,8	112,8
Сам. работа	25,7	25,7	42	42	67,7	67,7
Часы на контроль			29,5	29,5	29,5	29,5
Итого	90	90	120	120	210	210

1. ЦЕЛИ ОСВОЕНИЯ ДИСЦИПЛИНЫ	
1.1	Studying of classifications of medicines, formation at students of skill of competent selection. The most effective and safe medicines according to their pharmacodynamic and pharmacokinetic characteristics, drug interactions; alertness to undesirable drug reactions for a given pathology and elimination of the consequences of these reactions; training of students in the methodology of mastering knowledge on pharmacology using scientific, reference literature, official statistical surveys, Internet resources and evidence-based principles; basics prescription document circulation and rules for writing prescriptions for medicines; Special attention is given to the formular system, the international nonproprietary (generic) name medicines.

2. МЕСТО ДИСЦИПЛИНЫ В СТРУКТУРЕ ООП	
Цикл (раздел) ООП:	Б1.О.03
2.1	**Требования к предварительной подготовке обучающегося:**
2.1.1	Химия (Математический и естественнонаучный цикл)
2.1.2	Гистология, эмбриология, цитология (Профессиональный цикл)
2.1.3	Анатомия человека (Профессиональный цикл)
2.1.4	Нормальная физиология (Профессиональный цикл)
2.1.5	Латинский язык (Гуманитарный, социальный и экономический цикл)
2.2	**Дисциплины и практики, для которых освоение данной дисциплины (модуля) необходимо как предшествующее:**
2.2.1	Педиатрия (Профессиональный цикл)
2.2.2	Б1.В.ДВ.09.01. Стандарты диагностики
2.2.3	Факультетская терапия (Профессиональный цикл)
2.2.4	Госпитальная терапия (Профессиональный цикл)
2.2.5	Клиническая фармакология (Профессиональный цикл)

3. КОМПЕТЕНЦИИ ОБУЧАЮЩЕГОСЯ, ФОРМИРУЕМЫЕ В РЕЗУЛЬТАТЕ ОСВОЕНИЯ ДИСЦИПЛИНЫ (МОДУЛЯ)

В результате освоения дисциплины обучающийся должен

3.1	**Знать:**
The basic concepts, objectives, and major branches of pharmacology and its importance in dental practice. The fundamental principles of pharmacokinetics and pharmacodynamics. The classification of medicinal products, their mechanisms of action, and major pharmacological effects. The main routes of drug administration, absorption, distribution, metabolism, and excretion. The pharmacological properties of drugs used in dentistry, including local anesthetics, analgesics, anti-inflammatory agents, antibacterial drugs, antifungal agents, antiviral drugs, and antiseptics. The mechanisms of action and specific characteristics of local anesthetics, including their combination with vasoconstrictors. The indications, contraindications, adverse drug reactions, and potential complications associated with medicinal products. The main types of drug interactions and their clinical significance. The principles of rational and safe use of medicines, including the prevention of polypharmacy and antimicrobial resistance. The age-related and individual characteristics of drug action in children, pregnant women, elderly patients, and patients with concomitant diseases. The fundamentals of medical prescription writing, dosage forms, and routes of drug administration. The pharmacological principles of drug use in the rehabilitation of patients with dental diseases.	
3.2	**Уметь:**
Identify the pharmacological group of a medicinal product based on its international nonproprietary name (INN). Explain the mechanisms of action and major pharmacological effects of medicinal products. Compare medicinal products within the same pharmacological group. Substantiate the pharmacological choice of medicinal products based on their properties and relevance to dental practice. Select appropriate dosage forms and routes of administration according to the pharmacological characteristics of a drug. Calculate single, daily, and total treatment doses of medicinal products. Identify contraindications, potential adverse drug reactions, and drug interactions. Assess factors affecting drug efficacy and safety, including age, body weight, allergy history, and concomitant diseases. Write prescriptions for the main medicinal products used in dental practice. Use official prescribing information, pharmacological reference books, and scientific literature to evaluate medicinal products. Identify potential pharmacological risks associated with the combined use of medicines and non-pharmacological treatment methods.	

3.3	Владеть:
Performing pharmacological analysis of medicinal products used in dentistry. Evaluating the mechanisms of action, pharmacological effects, and duration of action of medicinal products. Selecting appropriate pharmacological groups of medicines for typical dental practice situations. Calculating drug doses according to age, body weight, and dosage form. Writing prescriptions for commonly used medicinal products. Identifying and preventing adverse drug reactions and potentially harmful drug interactions. Assessing the safety of local anesthetics, analgesics, anti-inflammatory agents, and antibacterial drugs. Using pharmacological reference sources, official prescribing information, and scientific publications. Applying the principles of rational and safe use of medicines in dental practice.	