«DERMATOVENEROLOGY »
(name of the academic discipline)

General Educational Program of higher education (specialist's degree programs)
*31.05.03 Dentistry_*
Department: SKIN AND VENERAL DISEASES

1. The purpose and objectives of mastering the academic discipline is the formation of preventive, diagnostic and therapeutic competencies in dermatovenereology (UC1, GPC 1.5, PC 1,6.7).

1.1. The purpose of mastering the discipline: (*participation in forming the relevant competencies).*

1.2. Tasks of the discipline:

As a result of completing the discipline, the student should

Know:

• rules for maintaining and issuing standard medical documentation of a dermatological patient (outpatient card, inpatient card);

• specific dermatological infectious diseases (syphilis, tuberculosis, actinomycosis) and their clinical manifestations in the maxillofacial area;

• etiology, pathogenesis and preventive measures of the most common dermatological and venereal diseases, their clinical picture, course features and possible complications;

• methods of diagnostics and diagnostic possibilities during the examination of a dermatovenerological patient (including X-ray, endoscopic and ultrasound methods);

• criteria for diagnosing various diseases of dermatological and venereal diseases with mucosal lesions;

• implementation of a rational choice of medicines in the treatment of various pathological syndromes and emergency conditions;

• clinical picture, course features and possible complications of the most common diseases occurring in a typical form.

Be able to:

collect a complete medical history of the patient, including data on the state of the oral cavity;

• conduct a survey of the patient, his relatives (to collect biological, medical, psychological and social information);

• interpret the results of the survey, make a preliminary diagnosis to the patient, outline the scope of additional studies to clarify the diagnosis;

• formulate indications for the chosen method of treatment, taking into account etiotropic and pathogenetic agents;

• substantiate pharmacotherapy in a particular patient with the main pathological syndromes and emergency conditions, determine the methods of administration, regimen and dose of drugs;

• evaluate the effectiveness and safety of the treatment;

• draw up a plan for conducting the necessary laboratory, instrumental and other methods of examining a patient and be able to analyze them;

• formulate a detailed clinical diagnosis and substantiate it on the basis of a differentiated diagnosis;

• be able to analyze the research material and formulate conclusions based on the results of the research.

Possess:

• interpretation of the results of laboratory, instrumental diagnostic methods in patients;

• an algorithm for making a preliminary diagnosis to patients and, if necessary, with their subsequent referral for additional examination and to specialist doctors;

• an algorithm for making a detailed clinical diagnosis;

• skills of presenting an independent point of view, analysis and logical thinking, public

speech, moral and ethical reasoning, discussions and round tables.

• skills in assessing symptoms and syndromes in major dermatovenereological diseases;

• skills in interpreting the results of laboratory, instrumental diagnostic methods in order to make a preliminary diagnosis and master the algorithm for making a clinical diagnosis.

• skills in the treatment of various pathological syndromes and emergency

2. Position of the academic discipline in the structure of the General Educational Program of Higher Education (GEP HE) of the organization.

2.1. The discipline dermatovenereology refers to the core part *(*or *the part formed by the participants of educational relations)* of Block 1 of GEP HE (B1.0.31).

The discipline is taught in 7 semester 4 year of study.

3. Deliverables of mastering the academic discipline and metrics of competence acquisition

Mastering the discipline aims at acquiring the following universal (UC) or/and general professional (GPC) or/and professional (PC) competencies

№	Competence code	The content of the competence (or its part)	Code and name of the competence acquisition metric	As a result of mastering the discipline, the students should:		
				know	be able to	possess
	UC-1.	Able to carry out a critical analysis of problem situations based on a systematic approach, develop an action strategy	Able to carry out a critical analysis of problem situations based on a systematic approach, develop an action strategy	1.1 Knows: methods of critical analysis and evaluation of modern scientific achievements; basic principles of critical analysis	1.2 Able to: gain new knowledge based on analysis, synthesis, etc.; collect data on complex scientific problems related to the professional field; search for information and solutions based on action, experiment and experience	1.3 Has practical experience: researching the problem of professional activity using analysis, synthesis and other methods of intellectual activity; developing an action strategy to solve professional problems
	GPC-1	Able to implement moral and legal norms, ethical and deontological principles	Able to implement moral and legal norms, ethical and deontological principles in professional activities	1.1 Knows: basics of medical ethics and deontology;	1.2 Able to: apply ethical norms and principles of behavior	1.3 Has practical experience in: solving standard problems of professional

		in professional activities		fundamentals of legislation in the field of healthcare; legal aspects of medical practice	of a healthcare worker in the performance of their professional duties; knowledge of modern legislation in the field of healthcare in solving problems of professional activity; apply the rules and norms of interaction between a doctor and colleagues and patients (their legal representatives)	activity based on ethical norms and deontological principles when interacting with colleagues and patients (their legal representatives), knowledge of the legal aspects of medical practice
	GPC-5.	Able to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems	Able to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems	5.1 Knows: anatomy, histology, embryology, topographic anatomy, physiology, pathological anatomy and physiology of human organs and systems	5.2 Able to: evaluate the basic morphological and functional data, physiological conditions and pathological processes in the human body	5.3 Has practical experience in: assessment of basic morphological and functional data, physiological conditions and pathological processes in the human body when solving professional problems

	PC -1	Able to assess the condition of a patient requiring medical treatment in the emergency form	Able to assess the condition of a patient requiring medical treatment in the emergency form	Knows: etiology, pathogenesis and pathomorphology, clinical aspect, differential diagnosis, clinical features, complications and outcomes of diseases of internal organs; methodology for collecting complaints and anamnesis; physical examination technique (examination, palpation, percussion, auscultation); a list of laboratory and instrumental research methods for assessing the condition, the main medical indications for conducting research and interpreting the	1.2 Able to: identify clinical signs of conditions requiring medical treatment in the emergency form	

				results of patients requiring medical care in the emergency form		
	PC-6	Able to send a patient to laboratory, instrumental examination, to a consultation with specialist doctors if there are medical indications in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on providing medical care taking into account the standards of medical care	PC-6 Able to send a patient to laboratory, instrumental examination, to a consultation with specialist doctors if there are medical indications in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on providing medical care taking into account the standards of medical care, and also refer the patient for providing specialized medical care in an inpatient setting or in a day hospital if there are medical indications in accordance with the current procedures for the medical care delivery, clinical recommendations (treatment protocols) on the medical care delivery taking into account the standards of medical care	6.1 Knows: general issues of organizing medical care for the population, methods of laboratory and instrumental examinations to assess the state of health, medical indications for conducting examinations, rules for interpreting their results; procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care,	6.2 Able to: justify the need and scope of laboratory examination of the patient; justify the need and scope of instrumental examination of the patient; justify the need to refer the patient for consultations with specialist doctors; determine medical indications for the provision of emergency, including emergency specialized, medical care	

				standards of medical care		
	PC-7	PC-7 Able to: make a differential diagnosis with other diseases/conditions including emergencies	Able to: make a differential diagnosis with other diseases/conditions including emergencies, establish a diagnosis taking into account the current international statistical classification of diseases and related health problems	7.1 Knows: etiology, pathogenesis and pathomorphology, clinical aspect, differential diagnosis, clinical features, complications and outcomes of diseases of internal organs; methods of laboratory and instrumental examinations for assessing the state of health, medical indications for conducting examinations, rules for interpreting their results; ICD	7.2 Able to: analyze the results of the patient's examination, if necessary, justify and plan the scope of additional examinations; interpret the results of collecting information about the patient's disease; interpret the data obtained during the laboratory examination of the patient; interpret the data obtained during the instrumental examination of the patient; interpret the data obtained during consultations of the patient by medical specialists; to carry	

					out differential diagnostics of diseases of internal organs from other diseases	

4. Sections of the academic discipline and competencies that are formed when mastering them

№	Competence code	Section name of the discipline	The content of the section in teaching units
1	UC1, GPC 1.5, PC 1,6.7	General dermatology.	Brief history of the development of dermatology. Anatomy and histology of normal skin. The structure of the oral mucosa and the red border of the lips. Physiology and basic functions of the skin and oral mucosa
2	UC1, GPC 1.5, PC 1,6.7	Papulosquamous dermatoses.	Psoriasis, lichen planus, pink lichen gibert: etiology, pathogenesis, clinic, diagnosis and principles of treatment and prevention. Demonstration of patients
3	UC1, GPC 1.5, PC 1,6.7	Allergodermatosis.	Dermatitis (allergic and contact), eczema, atopic dermatitis: etiology, pathogenesis, clinic, diagnosis and principles of treatment and prevention. Demonstration of patients
4	UC1, GPC 1.5, PC 1,6.7	Drugs reactions	Toxicodermia (erythema multiforme exudative, Stevens-Johnson syndrome, Lyell's syndrome): etiology, pathogenesis, clinic, diagnosis and principles of treatment and prevention. Demonstration of patients
5	UC1, GPC 1.5, PC 1,6.7	Pustular diseases of the skin. Scabies. Pediculosis.	Superficial and deep pyoderma, clinical varieties: etiology, pathogenesis, clinic, diagnosis and principles of treatment and prevention. Demonstration of patients Scabies: etiology, pathogenesis, clinic, diagnosis and principles of treatment and prevention. Demonstration of patients Pediculosis: etiology, pathogenesis, clinic, diagnosis and principles of treatment and prevention. Demonstration of patients
6	UC1, GPC 1.5, PC 1,6.7.	Fungal diseases	Pityriasis versicolor, erythrasma, mycosis of the head, feet, smooth skin and inguinal folds, candidiasis: etiology, pathogenesis, clinic, diagnosis and principles of treatment and prevention. Demonstration of patients Demonstration of patients.
7	UC1, GPC 1.5, PC 1,6.7.	Diffuse connective tissue diseases	Lupus erythematosus, sclerodderma and dermatomyositis: etiology, pathogenesis, clinic, diagnosis and principles of treatment and prevention. Demonstration of patients Demonstration of patients.
8	UC1, GPC 1.5, PC 1,6.7.	Viral dermatoses	Herpetic infection, human papillomavirus: etiology, pathogenesis, clinic, diagnosis and principles of treatment and prevention. Demonstration of patients
9	UC1, GPC 1.5, PC 1,6.7.	Vesicular dermatoses	Pemphigus, pemphigus: etiology, pathogenesis, clinic, diagnosis and principles of treatment and prevention. Demonstration of patients.
10	UC1, GPC 1.5, PC 1,6.7	Cheilitis	Eczematous, esfoliative, grandular, actinic cheilitis: etiology, pathogenesis, clinic, diagnosis and principles of treatment and prevention Demonstration of patients

11	UC1, GPC 1.5, PC 1,6.7.	Syphilis	Etiology, pathogenesis, clinic, diagnosis and principles of treatment and prevention. Demonstration of patients
12	UC1, GPC 1.5, PC 1,6.7.	Gonorrhea	Gonorrhea: etiology, pathogenesis, clinic, diagnosis and principles of treatment and prevention. Demonstration of patients
13	UC1, GPC 1.5, PC 1,6.7.	STI	Scabies, HPV: etiology, pathogenesis, clinic, diagnosis and rationale for treatment and prevention. Chlamydia: etiology, pathogenesis, clinic, diagnosis, treatment and prevention. Trichomoniasis: etiology, pathogenesis, clinic, diagnosis, causes, treatment and prevention

5. Volume of the academic discipline and types of academic work

Type of educational work	Labor intensity		Labor intensity (AH) in semesters
	volume in credit units (CU)	volume in academic hours (AH)	VII
Classroom work, including	1.8	66	66
Lectures (L)	0,4	14	14
Laboratory practicum (LP)*			
Practicals (P)	1,4	52	52
Seminars (S)			
Student's individual work (SIW)	1,2	42	42
Mid-term assessment			
credit/exam *(specify the type)*			
TOTAL LABOR INTENSITY	3	108	108