

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

SUMY STATE UNIVERSITY

Postgraduate Medical Educational Faculty

Кафедра сімейної медицини з курсом дерматовенерології

CARE OF PATIENTS (PRACTICE)

Higher education level	The Second
Major: study programme	222 Medicine: Medicine

Approved by Quality Council

Protocol dated _____ № _____

Chairman of the Quality Council

DATA ON REVIEWS AND APPROVAL

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Review of the course descriptor	<hr style="border: 0; border-top: 1px solid black; margin-bottom: 5px;"/> <hr style="border: 0; border-top: 1px solid black; margin-top: 5px;"/>
Considered and approved at the meeting of the Кафедра сімейної медицини з курсом дерматовенерології	Protocol dated _____ № _____ Head of the Department _____

Data on the review:

Year	№ Annex with the description of amendments made	Amendments considered and approved			
		Approved by the work group of study programme, protocol №	Head of the study programme, signature	Approved by the Department, date and protocol №	Head of the Department

Syllabus

1. General information

Full name	Care of Patients (Practice)
Full official name of a higher education institution	Sumy State University
Full name of a structural unit	Postgraduate Medical Educational Faculty. Кафедра сімейної медицини з курсом дерматовенерології
Author(s)	Bokova Svitlana , Orlovskyi Viktor Feliksovych, Smiian Oleksandr Ivanovych, Horbas Viktoriia Anatoliivna, Duzhyi Ihor Dmytrovych, P`iatykop Hennadii Ivanovych
Cycle/higher education level	The Second Level Of Higher Education, National Qualifications Framework Of Ukraine – The 7th Level, QF-LLL – The 7th Level, FQ-EHEA – The Second Cycle
Semester	throughout the 3rd semester
Workload	After approval of the standard, 120 hours, contact hours – 30 hrs (practicals session – 30 hrs, seminars and lectures - none), selfeducation – 90 hrs. Discipline includes 3 modules: therapeutic, pediatric and surgical profiles. Consultations and working off according to the established schedule. Type of control - final modular control (FMC).
Language(s)	English

2. Place in the study programme

Relation to curriculum	Compulsory course available for study programme "Medicine"
Prerequisites	Knowledge of human anatomy, histology, cytology, embryology, latin language and medical terminology, medical biology, medical and biological physics, medical chemistry, biological and bioorganic chemistry, physiology, microbiology, virology and immunology, medical informatics Integrated course in fundamental disciplines
Additional requirements	There are no specific requirements
Restrictions	There are no specific restrictions

3. Aims

The aim of the discipline is to acquire fundamental theoretical and practical skills of professional activity of a junior nurse, mastering basic techniques on the basis of knowledge of main disciplines

in compliance with the principles of medical ethics and deontology.

4. Contents

The main attention is focused to the study of hygienic, preventive and therapeutic measures, which are within the competence of nurse assistant and nurse. Practical skills are used to create of a constant comfortable sanitary and hygienic environment for patients, to assist for early recovery of the patient, help to avoid the development of complications and nosocomial infections, and to speed up the rehabilitation of patients. Module 1. “The structure and main tasks of nursing in the general system of treatment of patients with a therapeutic profile “. Module 2. “Nursing for surgical patients”. Module 3. “The role of nursing for sick children in the treatment and diagnostic process. The structure and functions of a pediatric hospital and clinic».

5. Intended learning outcomes

After successful completion of the internship, a student will be able to:

LO1	To learn, master modern knowledge.
LO2	To apply the knowledge in practice.
LO3	To know and to understand the subject area and to understand professional activities.
LO4	To adapt and to act in a new situation.
LO5	To make reasoned decisions.
LO6	Teamwork ability.
LO7	Ability to interpersonal skills.
LO8	Determination and persistence on the tasks and commitments undertaken.
LO9	To maintain and multiply moral, cultural, scientific values and achievements of society based on understanding the history and development patterns of the subject area, its place in the general system of knowledge about nature and society and in the development of society, techniques and technologies using different types and forms of physical activity for active recreation and a healthy lifestyle.
LO10	To collect medical information about the patient and to analyze clinical data.
LO11	Adherence to ethical principles during the work with patients and/or laboratory animals.

6. Role in the achievement of programme learning outcomes

Programme learning outcomes:

For 222 Medicine:

PO1	To have profound knowledge of the structure of professional activity; to be able to carry out professional activities that require updating and integration of knowledge; to take responsibility for professional development and further professional training with a high level of self-sufficiency.
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PO4	To detect and identify the leading clinical symptoms and syndromes (according to List 1); to establish the most probable preliminary clinical diagnosis of diseases (according to List 2) using standard methods, preliminary data of the patient's anamnesis, patient's examination data, and knowledge about a human, his organs and systems.
PO5	To collect information about the patient's complaints, anaemnesis vitae and morbi; to assess the patient's psychomotor and physical development and the state of organs and systems of the body; to assess information on the diagnosis based on laboratory, instrumental findings (according to the List 4) and patient age.
PO19	To plan and implement a system of anti-epidemic and preventive measures against the occurrence and spread of diseases among the population.
PO20	To analyze an epidemiological situation and carry out measures of mass and individual, general and local prevention of infectious diseases.

7. Learning activities

LA1	Preparation for practical classes
LA2	Self-study
LA3	Self-study activity implying tutorials and relevant information sources
LA4	Study of practice skills in clinics
LA5	Solving test tasks
LA6	Solving situational problems
LA7	E-learning in certain educational components: SSU platforms Mix learning, Lectur.ED and Google Meet, Zoom, Viber, WhatsApp, Telegram platforms
LA8	Practice on a phantom in the simulation center (to conduct an artificial lung ventilation and a closed-chest cardiac massage)
LA9	Practice on a phantom of the child in the simulation center (to conduct anthropometric measurements, swaddling, dripping drops in the ears and nose, toilet eyes, ears, mouth, feeding, washing)

8. Teaching methods

Provides learning through:

TM1	Practical-oriented training
TM2	Educational discussion / debate
TM3	Brainstorming
TM4	Work in the departments of the hospital according to the schedules
TM5	Team-based learning (TBL)
TM6	Case-based learning (CBL)

Modern teaching methods (CBL, TBL) promotes the development of professional skills in the training of practice-oriented specialists. The discipline provides students with the following soft skills: GC1. Ability to learn and master modern knowledge. GC2. Ability to apply knowledge in

practice. GC3. Knowledge and understanding of the subject area and professional activity comprehension. GC4. Ability to adapt and act in a new situation. GC5. Ability to make reasoned decisions. GC6. Ability to work as a team member. GC7. interpersonal interaction skills.

9. Methods and criteria for assessment

9.1. Assessment criteria

National scale	Rating scale
5 (Excellent)	$170 \leq RD \leq 200$
4 (Good)	$140 \leq RD < 169$
3 (Satisfactory)	$120 \leq RD < 139$
2 (Fail)	$0 \leq RD < 119$

9.2 Formative assessment

FA1	Discussion and development of self-esteem skills
FA2	Surveys and guidelines of the teacher who manages the practice
FA3	Independent solve of situational exercises by students and their discussion
FA4	Checking and evaluating written assignments
FA5	Testing

9.3 Summative assessment

SA1	Overall score for current discipline
SA2	Overall score for final assessment: differentiated module

Form of assessment:

3 semester		200 scores
SA1. Overall score for current discipline		120
	Oral discussions, tests, independent solve of situational exercises by students and their discussion	48
	Practical skills	72
SA2. Overall score for final assessment: differentiated module		80
	Practical skills	48
	Testing	30
	Solve of situational exercises	2

For each lesson the student can get the following number of points: 10 points - "5", 8 - "4", 6 - "3" (the score is set on a traditional 4-point scale and converts to 200-point). The maximum number of points that a student can receive in practical classes during the semester - 120. A student is allowed to the final control, if for the current activity he scored 72 points (24 points from each content module, of which 14,4 points (60%) - demonstration of practical skills, 4,8 points (20%) - testing, 4,8 points (20%) - solving situational task). For the final control the student can get a maximum of

80 points. The form of final control includes control of theoretical and practical training. The score for practical skills: "5" - 48 points, "4" - 38,4 points, "3" - 28,8 points. The score for theoretical training consists of testing - "5" - 30 points, "4" - 24 points, "3" - 18 points and situational task - 2 points - the problem is solved correctly without errors, 1 point - the student made mistakes in solving, but the overall result is correct, 0 points - the student did not solve the problem. The final module control is closed if student scored at least 48 points. In case of a negative result, the student has the right to retake the final module twice. In case of the introduction of quarantine restrictions classes are conducted remotely with the use of educational platforms SSU Mix learning, Lectur.ED and platforms Google Meet, Zoom, Viber, WhatsApp, Telegram.

10. Learning resources

10.1 Material and technical support

MTS1	Library holdings
MTS2	Information and communication systems
MTS3	Computers
MTS4	Computer systems and networks
MTS5	Multimedia equipment
MTS6	Software (to support distance learning)
MTS7	Simulation center (phantom of the patient to practice the skills of artificial ventilation and indirect heart massage)
MTS8	Simulation center (phantom of doll to practice skills in caring for seriously ill children (for practicing washing techniques, bathing children, swaddling))
MTS9	Medical equipment (trays, tweezers, dilator, tongue holder, floor and table scales, horizontal and vertical height meter, centimeter tape for anthropometric research, tonometer, disposable consumables (gauze napkins, cotton balls))

Medical facilities / premises and equipment (Municipal non-profit enterprise of the city council "Sumy City Children's Clinical Hospital St. Zinaida", Communal non-profit enterprise of the region council "Sumy Region Clinical Hospital", Communal non-profit enterprise of the region council "Sumy Region Clinical for War Veterans", SSU Clinic

10.2 Information and methodical support

Essential Reading	
1	Methodical instructions for practical exercises in the discipline «Nursing» / compilers: G.A. Sumtsov, S. I. Bokova. – Sumy : Sumy State University, 2020. – 30 p.
2	Care of the Patient in Surgery. Test questions: study guide / O.V. Kravets, G.I. Pyatikop, R.A. Moskalenko. - Sumy: Sumy State University, 2020. - 158 p
3	General patient care and medical manipulation techniques, University I-III years - 7th ed., Corrected. For order. V. I. Litvinenko., K.: Medicine, 2017. - 424 p.
Supplemental Reading	

1	Standards for improving the quality of care for children and young adolescents in health facilities. Geneva: World Health Organization; 2018. Licence: CC BY-NC-SA 3.0 IGO
2	Propaedeutics of children's diseases and nursing of the child / T. Kapitan. - Vinnitsa: The State cartographical Factory, 2012. - 876 p
3	Demikhova N., Chernatska O., Mazur T., Bokova S. et al. Markers of cardiovascular complications in patients with type 2 diabetes mellitus and arterial hypertension. Bangladesh Journal of Medical Science. - 2018.
4	Popov S.V, Loboda A.N., Smiyan O.I., Redko O.K., Bokova S.I., Moshchych O.P. et al. Peculiarities of antibiotic-associated diarrhea development in children with acute respiratory infections». "Wiadomosci Lekarskie", 2019, TOM 72, Nr 1, 79-83.
Web-based and electronic resources	
1	https://elearning.sumdu.edu.ua/works/6906/nodes/1816349
2	https://elearning.sumdu.edu.ua/free_content/lectured:585338cfddb689079f6e6cd4762db2bab36d265/20211006053356//index.html

11. Bases

Bases of practice that will provide professional competencies and practical skills: Municipal non-profit enterprise of the city council " Sumy City Children's Clinical Hospital St. Zinaida", Communal non-profit enterprise of the region council "Sumy Region Clinical Hospital", Communal non-profit enterprise of the region council "Sumy Region Clinical for War Veterans", Sumy State University Clinic

12. Policies

12.1 Academic Integrity Policy

Participants must complete all tasks identified in the internship program independently. Reporting for passing the internship should not contain plagiarism, facts of fabrication, falsification, cheating. During the internship period, manifestations of other types of academic dishonesty determined by the Academic Integrity policy are also unacceptable. If a supervisor reveals violations of academic integrity of students during the practice, he has the right to conduct one of the following actions:

- to reduce by up to 40% points received during the fulfillment of internship assignments;
- to give recommendations for a retake of submitted internship assignments with a decrease by up to 25% of received points;
- do not count the results of the internship without giving the right to revise them;
- appoint a retake with a decrease by up to 15% of received points;
- refuse to retake of internship

12.2 Attendance policy

Attendance to the internship base is mandatory. Supervisors from an enterprise (organization, institution) determine a student's schedule of stay at the internship base.

12.3 Deadline and recompilation policy

Deadline and recompilation policy

12.4 Assessment appeals policy

The results of the internship assessment are subject to appeal. For this, a student must submit a request to a director/dean on the day of certification or after announcing the results, but no later than the next working day.

An appeal commission is established by the order of a director/dean. The appeal commission's decision may change the grade in the event of violations revealed during the attestation.

Alignment of learning outcomes with teaching and learning activities and assessment

For 222 Medicine:

Competences/ learning outcomes	Learning outcomes	Learning activities	Teaching methods	Material and technical support	Methods and criteria for assessment
PO1, PO5	LO1	LA1, LA2, LA3, LA5, LA6, LA7	TM1, TM2, TM3, TM4, TM5, TM6	MTS1, MTS2, MTS3, MTS4, MTS5, MTS6, MTS7, MTS8, MTS9	SA1, SA2
PO1	LO2	LA1, LA2, LA3, LA4, LA5, LA6, LA7, LA8, LA9	TM1, TM2, TM3, TM4, TM5, TM6	MTS1, MTS2, MTS3, MTS5, MTS6, MTS7, MTS8, MTS9	SA1, SA2
PO1, PO4	LO3	LA1, LA2, LA3, LA4, LA6, LA7, LA8, LA9	TM1, TM2, TM4, TM5, TM6	MTS1, MTS2, MTS3, MTS4, MTS7, MTS8, MTS9	SA1, SA2
PO1	LO4	LA1, LA2, LA3, LA4, LA5, LA6, LA7, LA8, LA9	TM1, TM2, TM4, TM5, TM6	MTS1, MTS2, MTS3, MTS4, MTS7, MTS8, MTS9	SA1, SA2
PO1, PO5	LO5	LA1, LA2, LA3, LA4, LA6, LA7	TM1, TM2, TM3, TM4, TM5, TM6	MTS1, MTS2, MTS3, MTS4, MTS5, MTS6, MTS7, MTS8, MTS9	SA1, SA2
PO1, PO5	LO6	LA1, LA2, LA3, LA4, LA6, LA7, LA8	TM1, TM4, TM5, TM6	MTS2, MTS3, MTS4, MTS5, MTS6, MTS7	SA1, SA2
PO1	LO7	LA1, LA2, LA4, LA6, LA7, LA8, LA9	TM1, TM2, TM4, TM5, TM6	MTS5, MTS6, MTS7, MTS8	SA1, SA2
PO1	LO8	LA1, LA2, LA3, LA4, LA6, LA7, LA8, LA9	TM1, TM2, TM4, TM5, TM6	MTS1, MTS2, MTS6, MTS7, MTS8, MTS9	SA1, SA2
PO1	LO9	LA1, LA2, LA3, LA4, LA6, LA7, LA9	TM1, TM2, TM3, TM4, TM5, TM6	MTS1, MTS2, MTS3, MTS4, MTS5, MTS6, MTS8, MTS9	SA1, SA2
PO1, PO4, PO5	LO10	LA1, LA2, LA3, LA4, LA5, LA6, LA7	TM1, TM2, TM3, TM4, TM5, TM6	MTS1, MTS2, MTS3, MTS4, MTS5, MTS6	SA1, SA2
PO1, PO4, PO5	LO11	LA1, LA2, LA3, LA4, LA6, LA7	TM1, TM2, TM3, TM4, TM5, TM6	MTS1, MTS2, MTS3, MTS4, MTS5, MTS6	SA1, SA2