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FACULTY OF MEDICINE

I affirm:

Dean:

(Prof. Dr. Yoto Yotov, MD)



**THEMATIC PROGRAM
FOR UNDERGRADUATE INTERNSHIP
by
PEDIATRICS**

Specialty	MEDICINE
Educational - qualification degree	master's degree
Organizational form of training	regular
Duration (days)	51 days (217 hours)
Credits (ECTS) total (Practice/DI)	10 (7/3)
Type of discipline	mandatory
Course in which the training takes place	Sixth
It ends with a State exam	Yes
Prepared the program	Prof. Dr. Violeta Iotova, PhD, DSc Dr. Kalina Ganeva, PhD

Varna, 2023

ANNOTATION

Objective of the undergraduate internship	The pre-graduate internship in pediatrics for medical students aims to provide high professional training in the field of the studied specialty, to improve the practical knowledge and skills acquired during the studies, and to prepare students for independent solving of organizational, prophylactic, diagnostic, treatment and other problems professional tasks.
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Results for students at the end of undergraduate internship:	
Competencies	
Group Competencies	1. Patient care that is compassionate, appropriate and effective in treating health problems and promoting health.
Knowledge	<ul style="list-style-type: none"> • To collect important and accurate information about the patient. • To counsel patients by creating an empathic connection with them and their family members. • To know the indications for procedures. • Describe the procedure in appropriate and understandable language for patients and patients' parents. • Understand the impact of the procedure on patients and their family. • To have good theoretical training and be ready to expand it during the pre-diploma internship, incl. with activities aimed directly at pediatric patients (presentation of specific information about the disease, presentation of specific medical activities such as preparation for procedures such as blood and urine collection, clinical examinations, etc.
Skills	<ul style="list-style-type: none"> • Competently perform all medical procedures required within their practice. • To perform the procedures in a way that ensures maximum comfort for the patient and his family. • To make informed diagnostic and therapeutic decisions under the guidance of the internship supervisor. • Prescribe and perform basic medical procedures after consultation and confirmation by the person in charge during the internship. • Be able to formulate effective prescriptions for the management, maintenance and prevention of health.
Group Competencies	2. Medical knowledge of established and emerging biomedical, clinical, and related (eg, epidemiologic and social-behavioral) sciences and the application of this knowledge to patient care with a supervisor.
Knowledge	<ul style="list-style-type: none"> • To acquire new scientific and clinical knowledge and to present it to fellow students in the form of seminars. • To master the skill of correct reading of medical articles and their presentation to colleagues (i.e. so-called journal club).
Skills	<ul style="list-style-type: none"> • Apply a research and analytical approach to solving clinical and scientific problems. • To apply medical practical and scientific knowledge in clinical situations. • Be able to present cases, case series and study data to colleagues, preparing with a supervisor.

	<ul style="list-style-type: none"> To learn all the skills provided in the booklet of the trainee doctor.
Group Competencies	<ul style="list-style-type: none"> Practical learning and self-improvement that includes research and evaluation of their own patient care, evaluation and assimilation of scientific evidence, and improvements in patient care.
Knowledge	<ul style="list-style-type: none"> To examine and evaluate patient care practices (including their own). To evaluate and assimilate scientific evidence.
Skills	<ul style="list-style-type: none"> To study and begin to practice evidence-based medicine under the supervision of a faculty member. To improve medical practice, incl. with suggestions based on their own observations.
Group Competencies	<ul style="list-style-type: none"> Interpersonal and communication skills that ensure effective information exchange and teamwork with patients, their families and other healthcare professionals.
Knowledge	<ul style="list-style-type: none"> To create and maintain a therapeutic relationship with patients and their families.
Skills	<ul style="list-style-type: none"> To work effectively as a member of a healthcare team. To lead a health team.
Group Competencies	<ul style="list-style-type: none"> Professionalism, demonstrated through commitment to fulfilling professional responsibilities, adherence to ethical principles and sensitivity to diverse patient groups.
Knowledge	<ul style="list-style-type: none"> Demonstrate professional behavior and responsibility in seeking and acquiring knowledge necessary to resolve clinical cases To learn the nosological unit in detail and to apply what they have learned responsibly, timely and empathetically.
Skills	<ul style="list-style-type: none"> To demonstrate humanism and cultural competence. To maintain emotional, physical and mental health. To strive for continuous personal and professional growth.
Group Competencies	<ul style="list-style-type: none"> System-oriented practice, which is manifested through actions that demonstrate awareness and responsiveness to the broader context of the health care system, as well as the ability to effectively use system resources to provide optimal care.
Knowledge	<ul style="list-style-type: none"> Additional engagement on complex medical care topics and cases Learning methodologies/guidelines and clinical algorithms for complex patient care (at all levels – prevention, primary care, hospital care)
Skills	<ul style="list-style-type: none"> To work effectively in a variety of environments and health care delivery systems relevant to their future clinical specialty. To coordinate the care of patients within the health care system related to their future clinical specialty. Be able to analyze risk and benefits in patient and/or population care when appropriate. Be mindful in their practice of patient and/or population care costs when

	<p>appropriate.</p> <ul style="list-style-type: none"> • Learn to advocate for quality patient care and optimal patient care systems. • Develop skills for working in interprofessional teams to increase patient safety and improve the quality of patient care. • Participate in the identification of system errors and the implementation of potential system solutions.
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Teaching methods
<ul style="list-style-type: none"> ▪ working with patients under supervision ▪ preparation of medical documentation ▪ participation in consultations, discussions, seminars, presentations, ▪ practical exercises, solving cases, ▪ basic skills for working with scientific literature, regulatory documents, databases, ▪ case series analyses

Connection with disciplines from the curriculum of the specialty
<ul style="list-style-type: none"> ▪ infectious diseases ▪ otorhinolaryngology ▪ pediatric surgery ▪ pediatric orthopedics, neurosurgery and urology ▪ toxicology ▪ child psychology and psychiatry ▪ intensive care

REGULATIONS FOR CONDUCTING THE UNDERGRADUATE INTERNSHIP

During the pre-degree internship, students must participate in a specific set of educational activities. These activities aim to support the development of certain competences:

1. Assist in the provision of care for entrusted patients. This includes:
 - Preparation and fill in of medical history, condition assessment and treatment plans, appointments and progress notes, as well as follow-up of care and treatment in outpatient settings;
 - Interaction with families and skills in communicating medical information;
 - Perform routine clinical procedures under appropriate supervision;
2. Preparation, attendance and active participation in all structured activities during the internship.
3. Conscientious care for all patients by upholding appropriate standards of professional, ethical and moral conduct.

Because medical practice is not limited to a certain number of hours per day, and because the number of patients varies among specialties and activities, it is difficult to determine a specific length of stay in the clinic for medical students. The student, assuming a professional role, must accept that patient care is a 24-hour responsibility. Circumstances will arise that may necessitate a longer stay at the clinic than anticipated.

Student attendance and performance during the internship must be evaluated according to the attached Clinical Internship Evaluation Form.

During the undergraduate government internship, students will be required to:

- To care conscientiously for patients, observing the highest standards of professional, ethical and moral conduct in all circumstances arising in connection with their illnesses;
- Understand basic ethical concepts and apply them to moral reasoning in the context of education and healthcare;
- To demonstrate behavior that promotes and rewards the patient's trust in the doctor, such as appropriate dress, maintenance of appearance, punctuality, honesty, respect for patient confidentiality and other norms of behavior in professional relations with patients;
- To converse in an appropriate manner and behave with integrity in his relations with colleagues, teachers, doctors, etc. medical professionals;
- To recognize and accept their own limitations in knowledge and clinical skills and commit to their continuous improvement;
- Be able to demonstrate knowledge of clinical programs studied and apply them to patient care.

Trainee doctors must also:

1. Demonstrate an investigative approach and analytical thinking in a variety of clinical situations:
 - Seek out resources necessary to understand and solve diagnostic and therapeutic problems;
 - Be able to use multiple sources of information;
Demonstrate readiness to adopt new methods of obtaining information;
 - To seek, evaluate and critically examine scientific evidence relevant to the care of particular patients or as an approach to solving clinical problems.
2. To participate in the preparation of materials and trainings for patients, incl. those with rare diseases.