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| Study program: Integrated Academic Studies in Medicine |
| Course title: Introduction to Clinical Practice |
| Teacher: Ivanov Đ. Dejan, Jelača B. Bojan, Jeremić P. Dimitrije, Kuhajda M. Ivan, Nikolić S. Dragan, Nikolić R. Jelena, Ninković S. Srđan, Milankov M. Vukadin, Protić B. Mlađan, Velicki U. Lazar, Bjelobrck S. Marija, Čanković Z. Milenko, Tadić Snežana, Kolarov P. Violeta, Vukoja N. Marija, Zarić M. Bojan, Kolarov Bjelobrck Ivana, Popović Đorđe, Stražmešter Majstorović Gordana, Sekulić Borivoj |
| Course status: compulsory |
| ECTS Credits: 2 |
| Condition: - |
| <p>Course aim</p> <ul style="list-style-type: none"> • acquisition of practical - professional knowledge medical in the field of clinical practice • students will get acquainted with the organization of clinical work; responsibilities of medical staff, especially medical doctors, and application of acquired knowledge in clinical and research scientific work. • developing critical thinking important in diagnosis and treatment • students will get basic skills for a daily clinical practice • developing abilities for teamwork. |
| <p>Expected outcome of the course:</p> <ul style="list-style-type: none"> • acquisition of basic theoretical knowledge required for working with patients. • acquisition of knowledge in clinical work in the field of internal medicine and surgery • students will be able to recognize and identify the disease, its severity and to perform initial treatment of critically ill patients • acquisition of basic skills required by admission of the patient to the health care institution and all aspects of the treatment and care • students will be able to work individually and in a team to apply different diagnostic and therapy procedures. |
| <p>Course description</p> <p><i>Theoretical education</i></p> <ol style="list-style-type: none"> 1. Relation of health practitioners and medical students towards patients 2. Admission of patients to the hospital 3. Identification of basic disorders on admission 4. Evaluation of the patient on admission and during hospitalization 5. Basic measurements 6. Vital functions 7. Mobile patients – basic care 8. Immobile patients – basic care 9. Hygiene of the patients 10. Nourishment of patients and types of diet 11. Infusions 12. Obtaining body fluids and blood for analysis 13. Patient transport 14. Hygiene for bedridden patients 15. Means and modes for heating and cooling the body <p><i>Practical education</i></p> <ol style="list-style-type: none"> 1. Getting familiar with the Institute/Clinic and organization of work 2. Admission and history taking 3. Attending morning rounds - the role of doctors and nurses during rounds. 4. Evaluation of patient's consciousness 5. Anthropometric measurements: patients' body height and weight, measuring waist circumference and limbs 6. Evaluation of vital functions (body temperature, pulse, arterial blood pressure, quality of breathing, respiration, skin appearance - identifying remarkable changes in color and appearance of the skin) 7. Mobility of patients and general condition 8. Care and hygiene of recumbent patient (changing clothes of mobile and immobile patients, moving of patients, prevention of |

- decubitus, hygiene of oral, axillary and groin region;
9. Feeding the patient; basic types of diet
 10. Recording of fluid intake.
 11. Procedures for obtaining blood and body fluids for diagnostic purposes
 12. Moving patients from bed to the wheelchair
 13. Means and modes for heating and cooling the body
 14. Preparation of patients for certain diagnostic procedures; preparation of instruments for sterilization.
 15. Assisting by preparing drugs for oral use, parenteral use, the use of disposable syringes and needles, preparation of infusion solutions
 16. Assist by distribution of drugs: oral route, parenteral route, intradermal injection, subcutaneous injection, intramuscular injection, intravenous application. Monitoring infusion rate. Applying prescribed therapy (under supervision).
 17. Urinary and other catheterization

Literature

Compulsory

1. Dejanović J. Introduction in Clinical Practice. Medical Faculty Novi Sad.
2. Outlines of lectures

Number of active classes

Theoretical classes: 15

Practical classes: 60

Teaching methods

Student activity assessment (maximally 100 points)

| Pre-exam activities | points | Final exam | points |
|---------------------|--------|------------|--------|
| Lectures | 10 | Written | 60 |
| Practices | 30 | Oral | |
| Colloquium | | | |
| Essay | | | |