Study program: Integrated academic studies in medicine

Type and level of the study program: Integrated academic studies

Course title: Introduction to clinical practice II (M2-INCP)

Teacher: Đorđe K. Považan, Nevena G. Sečen, Vesna S. Kuruc, Stevan L. Popović, Milica K. Medić Stojanoska, Edita J. Stokić, Dragan S. Tešić, Katica P. Pavlović, Gordana Z. Panić, Slobodan S. Dodić, Dejan B. Sakač, Robert J. Jung, Igor M. Mitić, Branislav M. Perin, Mirna D. Đurić, Biljana S. Zvezdin, Dragan R. Kovačević, Dragomir D. Damjanov, Jasna D. Trifunović, Tatjana N. Đurđević Mirković, Tatjana A. Ilić, Aleksandar D. Savić, Nada B. Čemerlić Adić, Jadranka V. Dejanović, Igor Đ. Ivanov, Zora Ž. Pavlović Popović, Ivan Š. Kopitović, Svetlana B. Kašiković Lečić, Lada V. Petrović, Dušan Đ. Božić, Dejan M. Ćelić, Milena M. Mitrović, Dragana D. Tomić Naglić, Ivana M. Urošević, Anastazija Đ. Stojšić Milosavljević, Milovan S. Petrović, Dušanka S. Obradović, Radmila G. Jovanović, Svetlana I. Vojvodić, Ivan V. Nikolić, Tijana S. Ičin, Jovanka M. Novaković Paro, Radoslav D. Pejin, Ivana A. Bajkin, Violeta V. Knežević, Biljana M. Milić, Milica S. Popović, Željka S. Savić, Olgica M. Latinović Bošnjak, Ivana D. Milošević, Ivanka Z. Perčić, Miroslav P. Ilić, Bojan M. Zarić, Daliborka S. Bursać, Marija N. Vukoja, Biljana Joveš, Vladimir M. Ivanović, Zorana P. Budakov Obradović, Jasmina N. Grujić

Course status: compulsory

ECTS Credits: 4

Condition: Introduction to clinical practice I (exam)

Course aim

The aim of the course Introduction to clinical practice 2 in integrated studies of medicine is acquisition of practical-professional knowledge in the field of clinical practice and its application in clinical and research scientific work. It iso necessary to develop critical thinking important in diagnosis and treatment, as well as abilities for teamwork.

Expected outcome of the course:

Students will acquire knowledge in clinical work in the field of nephrology, immunology, endocrinology, gastroenterology, pulmonology, hematology, cardiology and oncology. Students will be able to recognize and identify the disease, its severity and to perform initial treatment of critically ill patients.

Students will be able to work individually and in a team with patients with cardiological, pulmonary, nephrological, endocrinological, gastroenteral, hematological and oncological diseases and to apply diagnostic and therapy procedures.

Course description

Theoretical education

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Practical education: exercises, other forms of education, research related activities

ATTENDING MORNING ROUNDS (students watch and listen). The role of doctors and nurses during rounds. Conditions for checking patients. Reading patients charts. Work organization at departments. EVALUATION OF PATIENTS AT THE DEPARTMENT (students help and carry out procedures under supervision of physician): the state of consciousness (normal and disturbed); Anthropometric measures" height of patients, weight, waist circumference, extremities. Vital functions: body temperature, palpation of pulse (clinical pulse quality), arterial blood pressure, quality of breathing, respiration. Skin appearance (identifying remarkable changes in color and appearance of the skin). Mobility of patients and general condition. CARE AND HYGIENE of recumbent patient (students help and carry out procedures under supervision of physicians). Local hygiene (hygiene of oral, axillary and groin region). Underwear and linen change. Moving of patients, prevention of decubitus. Interpreting the therapy sheet. Basic types of diet. Assisting by food distribution. Feeding the patient – oral feeding. Recording of fluid intake. Nasogastric tube feeding. STUDENTS OBSERVE AND ASSIST BY: assist by preparing drugs for oral use, parenteral use, the use of disposable syringes and needles, preparation of infusion solutions. Preparing forceps, tweezers and other instruments for sterilization. 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). Carry out procedures for cooling and warming the body. Obtaining blood samples for laboratory examination (Students observe and assist). Obtaining blood samples for hemocultures. Obtaining urine samples for laboratory examination. 24-hour urine collection. Obtaining feces samples for laboratory examination and coprocultures. Obtaining smears for laboratory examination. Sampling of sputum for laboratory examination. Preparation of medical history. Preparation of patients for certain diagnostic procedures (gastroenterology, hematology, cardiology, pulmology, endocrinology, nephrology and immunology). Preparation of instruments for steriliozation.

Literature

Compulsory

1. Dejanović J. Introduction in clinical practice. Medical faculty Novi Sad.

Number of active classes				Other:
Lectures: 0	Practice: 60	Other types of teaching:	Research related activities:	

Teaching methods

Student activity assessment (maximally 100 points)

Pre-exam activities	**points**	**Final exam**	**points**
Lectures		Written	
Practices		Oral	
Colloquium		.....	
Essay			