



UNIwersYTET  
Andrzeja Frycza Modrzewskiego  
w Krakowie

## Collegium Medicum Faculty of Medicine

### SUBJECT CARD

Field of studies: Medicine

Form of studies: Full-time course

Degree: long-cycle Master's program

Specializations: No specialization

Academic year: 2024/2025

#### PRACTICAL CLINICAL TRAINING – SURGERY

<b>SUBJECT NAME</b>	Practical Clinical Training – Surgery
<b>NUMBER OF ECTS POINTS:</b>	8
<b>LANGUAGE OF INSTRUCTION</b>	English
<b>TEACHER(S)</b>	Persons employed in hospitals with which the University has signed contracts
<b>PERSON RESPONSIBLE</b>	dr. hab. Dariusz Plicner, Prof. UAFM

#### NUMBER OF HOURS:

<b>INTERSHIP:</b>	136 h (including 16 h of duties)
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#### MAIN GOALS

<b>GOAL 1:</b>	Enabling students to apply in practice the previously acquired knowledge in the field of diagnosing the most common surgical diseases and planning appropriate therapy
<b>GOAL 2:</b>	Creating conditions for the acquisition and improvement of cognitive skills (interpretation of data, making medical decisions) and practical skills (performing simple diagnostic and therapeutic procedures)
<b>GOAL 3:</b>	Implementation of students to work in a team composed of representatives of various medical professions

#### LEARNING OUTCOMES

## PRACTICAL CLINICAL TRAINING – SURGERY

<b>MK1</b>	Knowledge: The student knows the causes, symptoms, principles of diagnosis and treatment in relation to the most common diseases requiring surgical intervention
<b>MK2</b>	The student knows the rules of qualifying patients for surgical treatment
<b>MK3</b>	The student knows the rules of perioperative safety, patient preparation for surgery and postoperative care
<b>MS1</b>	Skills: The student conducts a medical interview with an adult patient
<b>MS2</b>	Performs a complete surgical examination including: examination of the abdominal cavity in the aspect of acute abdomen, examination of the lymphatic nodes, the breast, the thyroid gland and performs a digital rectal examination through the anus
<b>MS3</b>	Performs a differential diagnostics of the most frequent diseases of surgical patients
<b>MS4</b>	Complies with the principles of asepsis and antiseptics
<b>MS5</b>	Demonstrates a proper technique of scrubbing himself before the surgical intervention , putting surgical clothes and gloves in compliance with aseptic principles
<b>MS6</b>	Prepares the operational field and applies local anesthesia to the operated area
<b>MS7</b>	Can make use of the basic surgical tools
<b>MS8</b>	Assists in standard surgical interventions
<b>MS9</b>	Applies and changes sterile surgical dressing
<b>MS10</b>	Performs suturing of simple wound and takes care of external bleeding
<b>MS11</b>	When possible provides care of vascular access port and intraperitoneal port
<b>MS12</b>	When possible collects arterial and arterialized capillary blood
<b>MS13</b>	When possible performs incision and drainage of an abscess as well as excision of tumor from skin and mucus membranes
<b>MS14</b>	When possible performs exploration of the stomach, gastric lavage and enema

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<b>MS15</b>	Performs catheterization of women’s and men’s urinary bladder
<b>MS16</b>	When possible assists in thin and thick needle biopsy as well as in excision of the lymphatic node
<b>MS17</b>	When possible assists in puncture and drainage of the pleural cavity, the pericardium, and the peritoneal cavity
<b>MS18</b>	When possible applies a proper care and management in typical complications of colostomy, urostomy, ileostomy and gastrostomy
<b>MS19</b>	Interprets the results of the imaging scan (TRG, TK, MRI) and laboratory tests
<b>MS20</b>	Depending on situation identifies patient`agony and certifies death
<b>MS21</b>	Keeps patient’s medical record
<b>MC1</b>	Social competencies: The student demonstrates care for patients
<b>MC2</b>	Reveals responsibility for assigned tasks and awareness of the own limits
<b>MC3</b>	Can cooperate with other members of the health care team

## INTRODUCTORY REQUIREMENTS

Possession of basic knowledge in the field of surgery, confirmed by exams in subjects covering clinical issues in this area. Ability to perform a medical interview and physical examination of adults, with particular emphasis on surgical examination.

### COURSE PROGRAM

### DESCRIPTION

<b>Internship</b>	Participation in a daily medical visit, Interviewing and examining the patients, Participation in the diagnostic and therapeutic process Performing minor procedures, assistance in the operating theater Keeping medical records
<b>Duty hours</b>	Accompanying the doctor on duty, examining patients, participating in the diagnostic and therapeutic process, Performing minor procedures, assistance in the operating theater.

### DIDACTIC METHODS (APPLIED)

### DESCRIPTION

	Working with patients in the ward and/or emergency room. Assistance in the operating theatre
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## PRACTICAL CLINICAL TRAINING – SURGERY

### STUDENTS WORKLOAD:

<b>CONTACT HOURS WITH THE ACADEMIC TEACHER</b>	136 h
<b>HOURS WITHOUT THE PARTICIPATION OF THE ACADEMIC TEACHER</b>	Preparation for classes: 20 h Preparation for the exam: 80 h
<b>TOTAL NUMBER OF HOURS FOR THE COURSE</b>	236 h

### CONDITIONS FOR COURSE COMPLETION

The student is obliged to follow every day clinical duties, to implement the didactic plan recorded in the Student Diary of Clinical Training, practice the practical skills listed therein and diligently perform the tasks assigned to him. The student records the activities performed in the Diary, and the acquired skills are confirmed by the signature of the supervisor. The student is expected to demonstrate a proper attitude towards patients and their relatives, as well as proper cooperation with other members of the therapeutic team. Completion of the internship is confirmed by the direct supervisor's signature. The final credit is made by the person responsible for the course.

### METHODS OF ASSESMENT:

<b>IN TERMS OF KNOWLEDGE:</b>	The student's knowledge is checked on an ongoing basis during discussions with the direct supervisor of the practice
<b>IN TERMS OF SKILLS:</b>	Prolonged observation by the supervisor. OSCE exam at the end of the year.
<b>IN TERMS OF SOCIAL COMPETENCE:</b>	As above
<b>FORMATIVE:</b>	N.A.

## PRACTICAL CLINICAL TRAINING – SURGERY

### SUMMATIVE (I & II)

Assessment of knowledge including specialties covered by the Practical Clinical Training is carried out through two consecutive theoretical exams: an MCQ exam and an oral exam. The MCQ exam consists of 150 questions with 4 answer options, and one correct answer and covers the basics of all mandatory specialties included in Practical Clinical Training. The passing level is set at 55% of correct answers.

The oral exam consists of 5 questions and includes case studies in the field of internal medicine, pediatrics, surgery and gynecology with obstetrics. Answers to questions are scored on a scale of 0-3. The condition for passing the oral exam is obtaining at least 8 points.

The summative assessment of practical skills has a form of Objective Structured Clinical Exam, which consists of 10 stations, including two with double tasks. Each of the stations is assessed according to its own criteria, and passing the entire exam requires passing of at least 8 stations, with the absolute requirement to pass the station testing skills in ALS.

### GRADING SCALE

This is a pass course without a grade.

### BASIC LITERATURE

As indicated in the Subject Cards for Introduction into clinical medicine and Surgery

### SUPPLEMENTARY LITERATURE