

## Syllabus of the training module at the university level

Name of the Faculty	Faculty of Medicine, Jagiellonian University Medical College
Name of the unit conducting the module	Department of Pathomorphology
Name of the training module	PATHOLOGY – course integrated with Surgery
Goals of the training module	To enhance student's understanding of the relationships between pathological changes and clinical symptoms of the diseases and their consequences for the treatment of the patient and prognosis
Module code	
Language of training	English
Education effects for the training module	<p>III. W.47.knows the scientific evidence of oncology vigilance including knowledge about particular precancerous lesions of the gastrointestinal tract, breast, genital tract, and at the same time remember about existence of the so-called. "tumor-like" pathological changes and understands the conditions affecting the reliability of the material and accuracy of the histopathological diagnosis in the biopsy diagnosis of changes cancer suspected</p> <p>III. U.22. is able to interpret the histological examination findings, biopsy and operating materials on the diagnosis of cancer as well as non-neoplastic changes (e.g. inflammatory bowel disease) and critically assess its compliance with the standards and explain the patient (or in the case of a child - parents) its importance.</p>
Type of training module (mandatory/facultative)	Mandatory
Year of study	3-6
Semester	4, 5 semester
Name of the person leading the module	<u>Department of Pathomorphology:</u> D. Adamek, MD PhD K. Okoń, MD PhD G. Dyduch, MD.PhD J. Szpor, PhD L. Chmura, MD K. Milian Ciesielska MD
Name of the person examining or granting a credit if it is not the person conducting the module	in Surgery
Methods of performance	Activities requiring direct participation of academic staff and students
Initial and additional requirements	Anatomy, Physiology, Biochemistry, Histology, Pathology
Type and number of class hours that require direct involvement both teacher and students, when such activities are provided for the module	10 hours - lectures 2hour - seminars 8 hours
Number of ECTS credits allocated to the module	<b>1 ECTS</b>
Balance of ECTS points	Student workload include: Participation in the lecture 2 h. Participation in the seminars 8 hours Preparation for classes 5 hrs Preparation for final test- 10 hours

	Total: 25hours
Teaching methods applied	<ol style="list-style-type: none"> <li>1. Discussion based on the real cases</li> <li>2. Computer demonstrations</li> <li>3. Joint development and analysis of algorithms for diagnostic proceedings in terms of problem</li> </ol>
Methods for testing and evaluation criteria for learning outcomes achieved by students	Assistant rating on the basis of activity and presented preparation for classes separately Does not provide a separate pass test but will be prepared questions concerning classes and made available to the coordinators of the respective clinical courses, who will conduct the integrated classes and these questions according as decision the coordinators will be able to be included in the pass testing or examination of credits as their <u>integral part</u> .
Form and conditions for module passing, including the rules of admission to the exam, pass, and the form and condition for completion of the various activities within the scope of the module	<p>The course " Pathology course integrated with Surgery" - carried out within the framework of activities of surgery, by professionals pathology employed in the Department of Pathomorphology, through which it is organized and for which the Department of Pathomorphology is responsible.</p> <p>This course includes:</p> <p>- classes (according to schedule) in total: 10 hours (lecture 2 hours, seminars – 8 hours)</p> <p>They are carried on in the form of a block integrated with the course of surgery,</p> <ol style="list-style-type: none"> <li>1. Attendance is mandatory</li> <li>2. The student should be prepared for each class based on the specified literature.</li> <li>3. Since the fundamental idea of the course is the integration of pathology with clinical subjects, test questions will be prepared after 10-15 questions for use in tests of credits from appropriate clinical courses.</li> </ol>
Training module content	<p>A) Tumor but if the cancer? – 2 hrs lectures If the cancer, than primary or metastatic? If metastasis, than where to look for a starting point? Overview of the most common cases of diagnostic dilemmas of changes in different regions and organs and potential errors.</p> <p>B) ) The role of the pathologist in the diagnosis and prevention of breast cancer: Histopathology in confrontation with mammography. Standards to development of histopathological breast biopsy and interpretation of the pathologist report. Standards to development of histopathological surgical material of mastectomy 4 hrs seminar</p> <p>C) Colorectal cancer- elements of protocol for the examination of specimens from patients with primary carcinoma of the colon and rectum The role of the pathologist in the diagnosis and prevention of 4 hrs seminar</p>
Basic and supplementary bibliography to complete the module	<p><b>BASIC BOOKS:</b></p> <p>Manuals: Robbins Pathology,</p> <p>Supplemental manuals will be given at least one month before the start of classes.</p>
Dimension, principles and form of awarded for practice when the training program provides practice	a/a