



UNIwersYTET
Andrzeja Frycza Modrzewskiego
w Krakowie

Collegium Medicum
Health Science Faculty

SUBCJET CARD
Field of studies: Nursing
Level: master of science
effective from the academic year: 2025/2026
Language: English

Nursing in Surgical Oncology	
Subject Name	Nursing in Surgical Oncology
Number of ECTS points	1
Language	English
Teacher	Mgr Monika Malska
Person responsible	Mgr Monika Malska
Number of hours	
Lectures	-
Lectures – e-learning	-
Conversational lecture	10 h.
Classes	-
Simulation	-
PRACTICAL	-
GENERAL OBJECTIVES	
OBJETIVE 1	Gaining the knowledge in the field of surgical oncology nursing and preparing a nurse to perform tasks related to the care of patients undergoing surgical treatment for cancer, including perioperative and post-operative care.
OBJECTIVE 2	Gaining knowledge about the principles of diagnostic testing and result interpretation within nursing qualifications, current trends in surgical and oncological treatments, personalized cancer therapies, and methods of recognizing and responding to the patient's physical and psychological reactions to cancer and its treatment.

Nursing in Surgical Oncology

LEARNING OUTCOMES

E. W5	Knows and understands trends in the treatment and care of patients with urological conditions, including surgical and oncological treatment, and their use in nursing practice
B. W12	Knows and understands the principles of selecting diagnostic tests and interpreting their results within the scope of the nurse's professional qualifications;
B. W33	Knows and understands the principles of treating a patient with cancer, including personalized therapy, and caring for such a patient; methods of recognizing the patient's response to the disease and oncological treatment
B. U15	Is able to implement therapeutic interventions depending on the assessment of the patient's condition within the framework of his/her professional qualifications as a nurse;
B. U38	Is able to provide the patient, their family or caregiver with motivational and educational support in the prevention of complications resulting from cancer, oncological treatment and its side effects;
E.U9	Is able to provide specialized nursing care to patients undergoing urological treatment, including oncological treatment.;
K.S2.	Is ready to formulate opinions on various aspects of professional activity and seek expert advice in the event of difficulties in solving problems on his/her own;
K.S5.	Is ready to take responsibility for the health care services provided;

INTRODUCTORY REQUIREMENTS

Not applicable

COURSE PROGRAM	Description	LEARNING OUTCOMES
Conversational lecture 1	Introduction to Surgical Oncology Nursing & Trends in Urological Cancer Treatment (2 hrs) <ul style="list-style-type: none"> • Scope and role of the nurse in surgical oncology (pre-, intra- and post-operative care). • Overview of major cancer surgeries (breast, colorectal, lung, head & neck, urological). • Current trends in surgical oncology (minimally invasive surgery, enhanced recovery after surgery – ERAS, robotic techniques). • Multidisciplinary cancer care team and coordination of services. 	E.W5, B.W33

<p>Conversational lecture 2</p>	<p>Diagnostic Principles in Oncology Nursing (2 hrs.)</p> <ul style="list-style-type: none"> • Principles of selecting and interpreting diagnostic tests (imaging, pathology, tumor markers) within nursing qualifications. • Preoperative assessment and optimization of surgical oncology patients. • Nurse's role in preparing and supporting patients during diagnostics (education, anxiety reduction). 	<p>B.W12</p>
<p>Conversational lecture 3</p>	<p>Personalized Cancer Therapy & Patient Response (2 hrs.)</p> <ul style="list-style-type: none"> • Concepts of personalized and targeted oncological treatment and their surgical implications. • Recognition of patient reactions to cancer diagnosis, surgery, and combined treatments (physical, emotional, social). • Communication strategies for delivering difficult information and supporting coping mechanisms. 	<p>B.W33, B.U38</p>
<p>Conversational lecture 4</p>	<p>Specialized Nursing Interventions in Surgical Oncology (2 hrs.)</p> <ul style="list-style-type: none"> • Comprehensive patient assessment before and after cancer surgery. • Implementation of therapeutic nursing interventions: pain control, wound and drain management, infection prevention, management of post-operative complications. • Specialized nursing care for patients receiving urological surgical treatment, including oncological procedures (e.g., radical prostatectomy, cystectomy, nephrectomy) • Perioperative and post-discharge instructions to support recovery and continuity of care. 	<p>B.U15, E.U9</p>
<p>Conversational lecture 5</p>	<p>Education, Complication Prevention & Professional Responsibility (2 hrs.)</p> <ul style="list-style-type: none"> • Designing and delivering patient and caregiver education to prevent complications (lymphedema, thrombosis, wound breakdown, side effects of adjuvant therapy). • Motivational techniques to support adherence to treatment and follow-up. • Ethical issues, accountability, and professional responsibility in surgical oncology nursing; seeking expert advice when needed. 	<p>B.U38, K.S2, K.S5</p>
	<p>Independent reading of recommended literature and current surgical oncology guidelines. (4hrs.)</p>	<p>E.W5, B.W12, B.W33</p>
	<p>Review and analysis of diagnostic case studies (interpretation of lab results, imaging reports, pre-operative assessment). (3 hrs.)</p>	<p>B.W12, B.U15</p>

SELF-STUDY	Preparation of a brief care plan for a selected surgical oncology patient (pre- and post-operative nursing interventions). (4 hrs.)	B.U15, E.U9 B.U38
	Reflection paper on ethical and professional challenges in surgical oncology nursing (approx. 1 page). (4 hrs.)	K.S2, K.S5

DIDACTIC METHODS

M1	Lecture
M2	Didactic discussion
M3	Multimedia presentation
M4	Case presentation

STUDENTS WORKLOAD ¹

CONTACT HOURS WITH THE ACADEMIC TEACHER	10 hrs.
HOURS WITHOUT THE PARTICIPATION OF THE ACADEMIC TEACHER	15 hrs.
TOTAL NUMBER OF HOURS FOR THE COURSE	25 hrs.

CONDITIONS FOR COURSE COMPLETION

Attendance

All classes are compulsory. Students must attend 100% of the scheduled sessions to complete the course.

Assessment

Achievement of all learning outcomes and a passing grade in both the knowledge and skills/social competence components are required.

Examination Terms

- Term I – written MCQ test (20 multiple-choice questions, knowledge) – 100% of the final grade in the first attempt.
- Term II – oral examination (answer to 3 questions) – make-up attempt for students who do not pass Term I.

Course Completion Requirements

To successfully pass the course, students must:

- Pass the written test (Term I) or, if applicable, the oral examination (Term II)
- Submit and pass the nursing care process case study
- Submit and pass the reflective paper

The nursing care process case study and the reflective paper assess skills (case-based care planning) and social competences (professional behaviour, communication).

Final Grade

The final grade is determined according to the university grading scale and is based on the result of:

- Term I written MCQ test, or
- in the case of a make-up attempt, Term II oral examination, provided that:
 - attendance is 100%, and
 - both the nursing care process case study and the reflective paper are submitted and approved.

ASSESSMENT OF STUDENT PROGRESS

IN TERMS OF KNOWLEDGE	Multiple Choice Questions (MCQ), Multiple Response Questions (MRQ), Yes/No or Matching Answers to evaluate understanding of surgical oncology nursing, diagnostic principles, treatment trends, and complication prevention.
IN TERMS OF SKILLS	Ability to plan and provide nursing care for a patient undergoing surgical oncology treatment – solving structured clinical tasks/case scenarios.
IN TERMS OF SOCIAL COMPETENCE	Observation of professional behaviour during discussions and case work: ability to formulate opinions, seek expert advice, and demonstrate responsibility for patient care.
FORMATIVE	Not applicable
SUMMATIVE (I & II)	Term I: MCQ test of 20 questions Term II: oral answer to 3 questions

GRADING SCALE

Grade	Percentage of Correct Answers
3,0 (Satisfactory)	Knowledge 60-69% correct answers
3,5 (Satisfactory plus)	Knowledge 70-74% correct answers .
4,0 (Good)	Knowledge 75-79% correct answers

4,5 (Good plus)	Knowledge 80-84% correct answers
5,0 (Very Good)	Knowledge 85 % and more of correct answers
Basic literature	
<p>[1] Koper, A., & Koper, K. J. (2021). <i>Pielęgniarstwo onkologiczne. Podręcznik dla studiów medycznych</i>. Warszawa: PZWL Wydawnictwo Lekarskie.</p> <p>[2] NCCN Clinical Practice Guidelines in Oncology – most recent versions.</p> <p>[3] Hinkle J. L. (ed.). <i>Brunner & Suddarth's Textbook of Medical-Surgical Nursing</i>. Philadelphia: Wolters Kluwer Health, 2025.– selected chapters on surgical oncology.</p>	
Supplementary Literature	
<p>[1] Selected articles from journals: <i>Nowotwory. Journal of Oncology, Pielęgniarstwo Chirurgiczne i Angiologiczne</i>.</p> <p>[2] Enhanced Recovery After Surgery (ERAS) Guidelines – latest updates.</p>	