



COURSE UNIT (MODULE) DESCRIPTION

Course unit (module) title	Code
THE FORMATION OF PRACTICAL SKILLS IN MEDICAL-SURGICAL NURSING	

Academic staff	Core academic unit(s)
Coordinating: assist. Indrė Čergelytė-Podgrušienė	Institute of Health Sciences, Department of Midwifery and Nursing
Other: and other Institute of Health Sciences, Faculty of Medicine teachers	M. K. Čiurlionio str. 21, Vilnius G. Vilko str. 29 A, Vilnius Akademijos str. 4, Vilnius

Study cycle	Type of the course unit
First	Compulsory

Mode of delivery	Semester or period when it is delivered	Language of instruction
Auditorium and practice	Fourth semester	English

Requisites	
Prerequisites: The Basics of Anatomy, Human Physiology, Introduction to Nursing and Professional Ethics, General Nursing, and the Formation of Practical Skills, General and Special Surgical Nursing	Co-requisites (if relevant): none

Number of ECTS credits allocated	Student's workload (total)	Contact hours	Individual work
10	270	240	30

Purpose of the course unit		
To expand theoretical knowledge and enhance practical skills in surgical nursing practice by identifying and assessing the nursing needs of surgical patients of various ages and applying evidence-based nursing interventions.		
Learning outcomes of the course unit	Teaching and learning methods	Assessment methods
In collaboration with colleagues, patients, and their families, will be able to collect and exchange information about patients' postoperative conditions and changes therein, as necessary to ensure an effective nursing process. Will be able to work independently and as part of a team in caring for surgical patients. 1.3. Will be able to adhere to the principles of professional ethics when caring for surgical patients and take responsibility for their actions.	Individual work, observation, pair and group work, analysis of clinical cases, performance of practical nursing procedures (in clinical practice)	Clinical case study. Practicum report (diary)
Will be able to independently make decisions regarding the nursing needs of surgical patients and assess nursing	Individual work, observation, pair and group work, analysis of clinical cases, performance of practical nursing procedures (in clinical practice)	Clinical case study. Practicum report (diary)

indications and their impact on patients' health status.		
In clinical practice, will be able to apply knowledge of the principles of organizing surgical nursing, clinical examination of surgical patients, changes in the most common surgical diseases and pathological conditions, analysis of laboratory and instrumental test results, indicators of normal and pathological changes, and the latest nursing interventions applied to surgical patients.	Individual work, observation, pair and group work, analysis of clinical cases, performance of practical nursing procedures (in clinical practice)	Clinical case study. Practicum report (diary)
Will be able to independently assess a surgical patient, evaluate their health and nursing needs, identify nursing issues, develop a nursing care plan, and complete nursing documentation. Will be able to care for patients of various ages and health conditions undergoing surgical procedures, taking into account their general and specific nursing needs. Will be able to perform nursing procedures for surgical patients (personal hygiene, patient transport, mobility assistance, monitoring of vital signs, pain management, ECG recording, procedures related to the respiratory, gastrointestinal, urinary, and defecation systems, preparing patients for diagnostic procedures, specimen collection, and medication administration) as specified in the documents defining the scope of practice for general practice nurses. 4.3. Will be able to perform preventive monitoring of postoperative patients, educate patients on the principles of preventing postoperative complications, and address other health-related issues.	Individual work, observation, pair and group work, analysis of clinical cases, performance of practical nursing procedures (in clinical practice)	Clinical case study. Practicum report (diary)

Content	Contact hours							Individual work: time and assignments	
	Lectures	Tutorials	Seminars	Workshops	Laboratory work	Internship	Contact hours, total	Individual work	Tasks for individual work
1. Structure and operating procedures of surgical departments, internal work rules, and job descriptions for nursing staff. Basic principles and characteristics of nursing organization. Organization of perioperative nursing. Infection control and medical asepsis. The nurse's role in controlling the spread of infection. Aseptic requirements in healthcare facilities. Cleaning and disinfection of premises. Aseptic maintenance of instruments and other equipment. Aseptic requirements for various nursing procedures.			2			30	32	4	Prepare for the exercises. Develop an independent nursing care plan. Analysis of clinical cases. Evaluation.

2. Patient personal hygiene. Factors influencing personal hygiene habits; types of personal hygiene. Skin, hair, and nail care. Oral care. Foot care. Eye, nose, and ear care. Genital care. Pressure ulcers and their prevention. Dressing and nursing care. Dressing and changing the patient. Repositioning patients. Transporting patients. Care of bed linens. Nursing care for patients with limited mobility (prosthetics, amputations).			2			40	42	4	Prepare for the exercises. Develop an independent nursing care plan. Analysis of clinical cases. Evaluation.
3. Monitoring vital signs. Measurement, assessment, and recording of body temperature; problems with body temperature regulation and nursing care. Monitoring, assessment, and recording of the patient's fluid balance; Determination and assessment of pain intensity using pain scales. Measurement and recording of arterial blood pressure. Measurement and recording of pulse. ECG recording and assessment. Changes in respiration, pathological conditions, and nursing care. Monitoring respiratory function: measuring and recording respiratory rate; appropriately positioning the patient; administering oxygen therapy; and caring for a tracheostomy tube.			2			40	42	7	Prepare for the exercises. Develop an independent nursing care plan. Analysis of clinical cases. Evaluation.
4. Monitoring of digestive functions. Feeding and hydrating patients, gastric lavage and intubation, tube feeding, stoma care, and administration of parenteral nutrition (preparation and administration of parenteral solutions, maintenance of enteral feeding tubes). Enemas. Application of gas tubes and bedpans. Selection and changing of diapers. Care of artificial body orifices. Use of assistive devices. Assessment and nursing care of nutritional disorders. Eating and drinking problems and nursing care. Methods and means of feeding. Bowel movement disorders and care. Administration of enemas and rectal tubes. Urination problems and care. Bladder catheterization and catheter care. Monitoring of urinary functions. Bladder irrigation and instillation. Stimulation of the urination reflex.			2			40	42	5	Prepare for the exercises. Develop an independent nursing care plan. Analysis of clinical cases. Evaluation.
5. Performing medical procedures and treatments: dispensing and administering solid and liquid medications to patients; administering injections into the skin, subcutaneously, intramuscularly, and intravenously; monitoring the effects of medications and adverse reactions; preparing antibiotics for injections or infusions; prepare and administer intravenous drips, change solutions; prepare and administer blood and blood component transfusions; insert peripheral			1			40	41	5	Prepare for the exercises. Develop an independent nursing care plan. Analysis of clinical cases. Evaluation.

venous catheters; monitor peripheral and central venous catheters; operate syringe pumps and drip dispensers; administer rectal suppositories; administer eye, nose, and ear drops; apply ointments; document medication administration.									
6. Organizing diagnostic procedures. Prepare the patient for diagnostic tests, explain the procedure and potential complications; monitor the patient's condition during diagnostic tests; collect blood samples for diagnostic testing from a finger or vein; collect (obtain) urine, stool, sputum, and gastric contents samples for diagnostic testing. Monitoring of postoperative patients, instruction on the principles of preventing postoperative complications.			1			40	41	5	Prepare for the exercises. Develop an independent nursing care plan. Analysis of clinical cases. Evaluation.
Total			10			230	240	30	

Assessment strategy	Weight %	Deadline	Assessment criteria
Clinical Case Analysis	40	During the semester	Assessment of Clinical Nursing Case Analysis The student thoroughly presents and analyzes clinical nursing cases, outlining the goals, objectives, planning, implementation, completion, and evaluation of the process and/or procedure, and identifies potential complications for the patient and methods for their prevention. Theoretical knowledge and personal skills (ability to propose solutions when analyzing the case) are assessed. The student conducts the case analysis independently. The description of the clinical nursing case is presented in writing and/or orally. Areas of assessment for the case study: 10% – formulation of the patient's nursing diagnoses. 50% – nursing planning (specifying nursing interventions), team formation. 10% – evaluation of nursing outcomes based on the patient's health status. 20% – presentation of recommendations related to patient education. 10% – references. Graded on a 10-point scale: 10 points – excellent knowledge and skills; the case analysis excellently presents: nursing data on the patient's health, established nursing diagnoses, described nursing interventions, identified the healthcare team involved in the patient's care, provided assessments of outcomes based on the patient's health status, and recommendations related to patient education. 9–8 points – very good/good knowledge and skills; the case analysis very well/well presents: nursing data on the patient's health, established nursing diagnoses, described nursing interventions, identified the healthcare team involved in the patient's care, provided assessments of outcomes based on the patient's current health status, and recommendations related to patient education. 7–6 points – average/satisfactory knowledge and skills; the case analysis presents the following to an average/satisfactory degree: nursing data on the patient's health, established nursing diagnoses, described nursing interventions, identified the healthcare team involved in the patient's care, provided assessments of outcomes based on the patient's health status, and offered recommendations related to patient education. 5 points – weak knowledge and skills; the case analysis provides a weak (superficial) presentation of: nursing data on the patient's health, established nursing diagnoses, described nursing interventions, the healthcare

			team involved in the patient's care, assessments of outcomes based on the patient's health status, and recommendations related to patient education. 4 points or fewer – minimum requirements not met.
Internship diary	60	During the semester	The student completes a practicum logbook (report), which details the tasks performed during the practicum and the patients observed. In the practicum logbook, the practicum supervisor writes a brief evaluation of the student and assesses their practical skills on a 10-point scale. Detailed assessment of skills 10 points - Applies theoretical knowledge excellently. Performs complex, non-standard tasks excellently. Impeccable, exceptional quality of performance. Excellent communication and presentation skills. Has a good understanding of what they are doing and why. 9 points - Applies theoretical knowledge very well. Easily performs complex, standard tasks. Very good quality of performance. Very good communication and presentation skills. Understands which methods and techniques are being applied and why. 8 points - Applies knowledge well. Correctly performs tasks of medium and higher difficulty. Good quality of performance. Good expression and presentation skills. Knows which methods and techniques to apply. 7 points - Knowledge is applied following the provided examples. Good quality of performance. Correctly performs tasks of moderate difficulty. Adequate expression and presentation skills. 6 points - Knowledge is applied following provided examples. Satisfactory quality of performance. Able to reason by analogy. Correctly performs easy tasks but does not understand more complex ones. Satisfactory expression and presentation skills. 5 points - Minimal sufficient ability to solve problems based on examples. Able to reason by analogy. Satisfactory expression and presentation skills. 1–4 points - Abilities do not meet the minimum
Final cumulative score		During the semester	The final cumulative grade is calculated as follows: 40% – positive marks from the Clinical Case Analysis; 60% – positive marks from the Internship diary. Final grade values on a 10-point scale: 10 (excellent) – excellent, exceptional knowledge and skills; 9 (very good) – solid, good knowledge and skills; 8 (good) – above-average knowledge and skills; 7 (average) – average knowledge and skills, with minor errors; 6 (satisfactory) – knowledge and skills (competencies) below average, with errors; 5 (weak) – knowledge and skills meet the minimum requirements; 4, 3, 2, 1 (unsatisfactory) – minimum requirements are not met.

Author (-s)	Publishing year	Title	Issue of a periodical or volume of a publication	Publishing house or web link
Required reading				
Kalibatiėnė D, Gradauskas A, Šipylaitė J.	2018	Bendroji chirurginė slauga	ISBN, 97860945993 54	Vilnius, Vilniaus universiteto leidykla. P. 46-88
Vosylius S.	2015	Šokas. Kraujavimas ir krešėjimo	ISBN, 9789955884828	Vilnius, UAB „Vaistų žinios“. p.61-84; 110-136
Pisčalkienė V.	2017	Chirurginė slauga: mokomoji knyga, 1-2 dalys.	ISBN, 9786094542473	Kaunas, Vitae Litera. p. 54-96;11-168;172-210; 257-265;

Harding M.	2023	Lewis's medical-surgical nursing : assessment and management of clinical problems	ISBN 9780323789615	Elsevier, JAV, P.18- 1135-
Ignatavicius DD, Rebar CH, Heimgartner NM.	2023	Medical-Surgical Nursing: Concepts for Clinical Judgment and Collaborative Care (11th ed.)	ISBN 978-0323878265	Elsevier, Jav.
Recommended reading				
Kasradze M, Kasradze D.	2020	Klinikinė desmurgija	ISBN, 978-9955-18-205-4	Klaipėda, KU leidykla.p.92
Alčauskienė A, Bulikaitė V, Demškytė J.	2025	Slaugos įgūdžiai	ISBN, 9789955159100	Kaunas, LSMU leidykla, P. 10-700.
Razbadauskas A, Metrikas P.	2007	Žaizdų ir pragulų priežiūra	ISBN, 978-9955-18-170-5	Klaipėda KU leidykla. p.52
Pundzius J. ir kt..	2012	Chirurgija II tomas. Specialioji dalis	UDK, 616-089;Ch 341	Kaunas, Charibdė. p.361-395; 409; 473-489; 515-538; 543-547; 596-636; 655-672;675-697;859-864.
Zukowska A, Zukowski M.	2022	Surgical Site Infection in Cardiac Surgery	Nr. 11(23), 6991	https://www.mdpi.com/2077-0383/11/23/6991
Wang P, Chen H and Ji Q	2022	Application of Operating Room Nursing Intervention to Incision Infection of Patients Undergoing Gastrointestinal Surgery Can Reduce Complications and Improve Gastrointestinal Function.	<i>Front. Surg.</i> 9:842309.	doi: 10.3389/fsurg.2022.842309
Nayeri ND, Nadali J, Divani A, Hatefimoadd N.	2022	Ways To Enhance Blood Transfusion Safety: A Systematic Review	J Nurs. 2022 Oct;30(3):288-300.	doi: 10.5152/FNJJN.2022.21214
Lopez-Delgado, J. C., Grau-Carmona, T., Mor-Marco, E.,et.al.	2023	Parenteral Nutrition: Current Use, Complications, and Nutrition Delivery in Critically Ill Patients.	Nutrients, 15(21), 4665.	https://doi.org/10.3390/nu15214665

NOTE: Including Open Educational Resources in the reading list is recommended