

Subject card

Part 1

Informacje ogólne o przedmiocie			
1. Field of study: Midwifery 2. Study profile: Practical		1. Level of study: First cycle 2. Study format: full-time 3. Study cycle: 2026-2029	
6. Year: I		7. Semester: I – II	
8. Subject name: Basics of professional midwifery practice			
9. Item status: mandatory			
10. Program Content: Introduction to the midwifery profession – basic concepts, terminology, history, role, function, tasks, and competencies. Introduction to the methods and models of midwifery work and the standards of obstetric and gynecological care. Introduction to the stages and management of the nursing process as a midwife's work method. Development of interpersonal communication skills between patients and medical staff. Development and improvement of skills in professional nursing, gynecological, and obstetric care for women during pregnancy, childbirth, and the postpartum period, both physiological and pathological, with gynecological conditions in the areas of conservative, surgical, and oncological gynecology, taking into account the latest methods and knowledge in the basics of obstetric and gynecological care and the ethics of the midwifery profession. Learning outcomes included in the educational standards (Regulation of the Minister of Science and Higher Education): In terms of knowledge, the student knows and understands: C.W1., C.W2., C.W3., C.W4., C.W5., C.W6., C.W7., C.W8., C.W9., C.W10., C.W11. In terms of skills, the student is able to: C.U1., C.U2., C.U3., C.U4., C.U5., C.U5., C.U6., C.U7., C.U8., C.U9., C.U10., C.U11., C.U12., C.U13., C.U14., C.U15., C.U16., C.U17., C.U18., C.U19., C.U20., C.U21., C.U22., C.U23., C.U24., C.U25., C.U26., C.U27., C.U28., C.U29., C.U30., C.U31., C.U32., C.U33. In terms of social competences, the student is ready to: Point 1.3 of the general learning outcomes			
11. Number of contact hours per subject/including communication hours/self-study*	390/--- /42		12. Number of ECTS points for the course 11
13. Form of course completion: OSCE-type examination			
14. Methods of verifying and assessing learning outcomes			
Learning outcomes	Verification methods***		Assessment methods**/passing ***
In terms of knowledge	First semester pass - average grade from theoretical tests Second semester pass - average grade from tests Multiple-choice test covering lectures after semesters 1 and 2 OSCE-type integrated exam after semester 2		Written examination - Obtaining at least 70% correct answers
In terms of skills	First semester exam - average grade for completing the assigned task Second semester exam - average grade for completing the assigned task OSCE-type integrated exam after the second semester		Egzam OSCE
In the scope of competence	Observation		*

* if required by the educational standard

**in the case of an exam/credit with a grade, the grade is assumed to be at the level of:

*** in accordance with the course regulations

Very good (5.0) - the expected learning outcomes have been achieved and significantly exceed the required level.

Above good (4.5) - the expected learning outcomes have been achieved and slightly exceed the required level.

Good (4.0) - the expected learning outcomes have been achieved at the required level.

Fairly good (3.5) - the expected learning outcomes have been achieved at the average required level.

Satisfactory (3.0) - the expected learning outcomes have been achieved at the minimum required level.

Insufficient (2.0) - the expected learning outcomes have not been achieved.

Subject card

Part. 2

Other useful information about the subject		
15. Unit offering the course, address, email: Department of Obstetrics and Gynecology, Department of Women's Health, Faculty of Obstetrics and Gynecology in Katowice, Silesian Medical University 40-752 Katowice, ul. Medyków 12, phone: +48 32 208 86 29		
16. Name and surname of the person responsible for the course/course coordinator: dr hab. n. o zdrowiu Mariola Czajkowska, prof. SUM		
17. Prerequisite knowledge, skills, and other competencies: Basic knowledge of human anatomy and physiology		
18. Grup size	In accordance with the Order of the Rector of the Medical University of Silesia	
19. Class materials/teaching aids	audiovisual equipment (laptop), board, flipchart, thematic publications, materials prepared and provided by the lecturer	
20. Location of classes	Information available on the notice board of the Department of Propedeutics of Obstetrics, 4th floor. www.katedrazdrowiakobiety.sum.edu.pl / Teaching rooms of the Department of Obstetrics and Gynecology, 4th floor, according to the schedule.	
21. Place and time of consultation	Notice board of the Department of Propedeutics of Obstetrics, 4th floor./ According to the schedule available at www.katedrazdrowiakobiety.sum.edu.pl and	
22. Learning outcomes		
Numer przedmiotowego efektu uczenia się	Subject-specific learning outcomes	Reference to learning outcomes included in (underline as appropriate) educational standards/approved by SUM
P W01	The status and essence of the midwifery profession, the professional role of the midwife in historical and contemporary terms, and the conditions and directions of the midwife's professional development	C.W1.
P W02	The definition of the midwife profession according to the International Association of Midwives (ICM), the functions and professional tasks of a midwife in the care of women in different periods of their lives and different states of health, as well as of their children and families	C.W2.
P W03	Midwife's participation in an interprofessional team in the process of health promotion, prevention, diagnosis, treatment and rehabilitation of women in different periods of their lives and with different health conditions	C.W3.
P W04	The essence of obstetric care based on selected theoretical assumptions (Florence Nightingale, Dorothea Orem, Callista Roy, Ramona Mercer)	C.W4.

P W05	The essence, purpose, indications, contraindications, complications, dangers and applicable principles and techniques for performing basic nursing and obstetric activities by a midwife as part of preventive, diagnostic, therapeutic and rehabilitation services in accordance with applicable guidelines	C.W5.
P W06	Methods, methods, principles, techniques, procedures, and algorithms used in the professional practice of midwives, in specialized care for pregnant women, women giving birth and during the postpartum period, and their children, as well as for women at risk of illness and women with gynecological diseases, and in connection with gender transition.	C.W6.
P W07	Factors influencing the course of wound healing, methods of wound healing and principles of treatment for clean, contaminated and infected wounds	C.W7.
P W08	Protective vaccinations and types of vaccines resulting from the current vaccination program in the Republic of Poland, in particular those performed in the neonatal and infant periods and recommended for pregnant women, and their effects	C.W8.
P W09	Indications and contraindications for vaccinations	C.W9.
P W10	Procedures for vaccinations with regard to the safety of the patient and the person administering the vaccination	C.W10.
P W11	Principles for documenting the health status of obstetrics recipients and maintaining medical records, including electronic records, and their security	C.W11.
P U01	Use the appropriate terminology in the field of obstetric, neonatal and gynecological care and explain basic concepts in the field of professional midwifery practice	C.U1.
P U02	Collect information by interview, observation, measurement, physical examination, and documentation analysis to assess the health status of women with gynecological diseases, pregnant women, women in labor and delivery, and newborns, and to interpret and document the results for nursing or obstetric diagnosis	C.U2.
P U03	Maintain medical records, including in electronic form, and use and secure them in accordance with legal provisions	C.U3.
P U04	Prepare the woman and her child and the workstation for diagnostic, care and therapeutic examinations and procedures used in obstetrics, neonatology and gynecology, and participate in their conduct	C.U4.
P U05	Perform measurements of body temperature, heart rate, respiration, arterial blood pressure, central venous pressure, saturation and anthropometric measurements (measurement of body weight, height or length, circumferences: head, chest and waist, body mass index (BMI)), including newborns after birth, as well as pulse oximetry, blood gases, including those from umbilical cord blood, and interpret their results	C.U5.
P U06	Issue referrals for diagnostic tests specified in legal provisions and collect material for laboratory and bacteriological tests, and assist the physician in specialized diagnostic tests used in obstetrics, neonatology and gynecology, as well as in men in connection with the treatment of infertility or gender transition	C.U6.

P U07	Collect a swab to assess the biocenosis from the vagina and cervix, as well as a cyto-oncological swab, including on a liquid medium and using the traditional method, collect material in connection with infertility treatment or gender transition, and secure the collected material – in accordance with applicable procedures	C.U7.
P U08	Collect biological material (swab from the labia, vaginal vestibule, posterior vaginal vault, anal area and oral cavity) from a woman who is a victim of sexual violence and secure the collected material in accordance with applicable procedures	C.U8.
P U09	Measure blood glucose and ketone bodies using a glucometer, measure glucose and ketone bodies in urine using diagnostic strips, measure blood cholesterol and perform other strip tests	C.U9.
P U10	Perform newborn screening tests	C.U10.
P U11	Perform a breast examination, assess the mammary gland and provide education on self-examination	C.U11.
P U12	Store and prepare medications in accordance with current pharmacotherapy standards and standards of care provided by the midwife	C.U12.
P U13	Calculate the drug dose, administer medications to the patient by various routes in accordance with the midwife's professional qualifications or the physician's written order, and medicinal products from life-saving anti-shock kits	C.U13.
P U14	Insert and remove peripheral venous catheters, administer intravenous drips, and monitor and care for the peripheral venous catheter site	C.U14.
P U15	Insert a urinary catheter, remove the catheter, monitor diuresis and induce micturition, as well as maintain, document and assess fluid balance in the patient, newborn and infant	C.U15.
P U16	Perform rectal procedures	C.U16.
P U17	Care for intestinal and urinary fistulas in women, newborns and infants	C.U17.
P U18	Insert a feeding tube into the stomach of a woman, newborn, or infant, monitor its position and patency, and remove it	C.U18.
P U19	Insert a feeding tube into the stomach of a woman, newborn, or infant, monitor its position and patency, and remove it	C.U19.
P U20	Perform hygiene procedures, care for the skin and its products, and mucous membranes using pharmacological agents and medical materials, including therapeutic baths.	C.U20.
P U21	Select methods, techniques and means of wound care based on their classification and assess the risk of developing pressure ulcers, as well as apply preventive measures	C.U21.
P U22	Remove the drain from the postoperative wound in a patient who has undergone abdominal, pelvic or perineal surgery.	C.U22.
P U23	Assess the wound healing process and provide emergency care.	C.U23.
P U24	Assess the risk of wound infection and recognize wound complications	C.U24.
P U25	Removing stitches from perineal wounds, after cesarean section, catheterization, and gynecological surgery	C.U25.
P U26	Move and position the patient using various techniques and methods, while adhering to patient and midwife safety rules.	C.U26.

P U27	Perform active and passive exercises and respiratory gymnastics, as well as perform postural drainage, inhalation and demucus removal from the patient's respiratory tract	C.U27.
P U28	Use anti-inflammatory treatments	C.U28.
P U29	Perform preventive vaccinations, including against influenza, viral hepatitis (WZW), Human Papilloma Virus (HPV), COVID-19, tetanus, pneumococci and other mandatory and recommended preventive vaccinations, especially for the neonatal period and pregnant women, in accordance with legal provisions	C.U29.
P U30	Recognize and classify adverse reactions and characterize local and generalized body reactions occurring in women, newborns and infants after vaccination, and take appropriate action	C.U30.
P U31	Perform hygienic hand washing and disinfection procedures, use personal protective equipment, put on and take off disposable medical gloves, and put on surgical clothing.	C.U31.
P U32	Apply the principles of asepsis and antiseptics applicable to midwifery practice, handle medical waste and apply the post-exposure procedure	C.U32.
P U33	Prepare medical tools and equipment for procedures and check the effectiveness of sterilization	C.U33.
P K01	Being guided by the patient's best interests, respecting the dignity and autonomy of those entrusted with care, showing understanding for ideological and cultural differences and empathy in the relationship with the patient, her family or caregiver within the framework of the midwife's professional competence;	General Learning Outcomes Item 1.3
P K02	Respect for patient rights and the principles of humanism	General Learning Outcomes Item 1.3
P K03	Independently and reliably perform the profession of midwife in accordance with the principles of ethics, including compliance with moral values and obligations in patient care;	General Learning Outcomes Item 1.3
P K04	Taking responsibility for professional activities	General Learning Outcomes Item 1.3
P K05	Seek expert advice if you have difficulty solving a problem on your own	General Learning Outcomes Item 1.3
P K06	Predicting and taking into account factors influencing one's own and the patient's reactions	General Learning Outcomes Item 1.3
P K07	Recognizing and recognizing one's own limitations in terms of knowledge, skills and social competences, and self-assessing educational deficits and needs within the framework of a midwife's professional qualifications	General Learning Outcomes Item 1.3
23. Teaching methods: lecture, observation, group work, practical exercises		
24. Forms and topics of classes: **		Number of hours (contact): 390
24.1. Lectures		30

Historical conditions and directions of development of the midwifery profession. History and directions of development of healthcare for women and children in Poland and worldwide. The socio-professional role of the midwife.	3
The role of the midwife in an interprofessional team in the process of health promotion, prevention, diagnosis, treatment, and rehabilitation of women at various stages of their lives and with varying health conditions. The role, functions, and professional responsibilities of the midwife in caring for the health of women, their babies, and their families.	2
Models of organizing obstetric care and midwifery work. Obstetric care based on selected theoretical assumptions (Florence Nightingale, Dorothea Orem, Callista Roy, Ramona Mercer)	3
Organization of midwifery work. Quality in obstetric care. Standards and procedures as a condition for the quality of midwifery work.	2
The midwife's role in wound care, factors influencing the wound healing process, wound healing methods, and principles of care for clean, contaminated, and infected wounds. The midwife's role in scar mobilization and scar management.	3
Types of medical records kept by a midwife, including electronic records and their security	2
Methods, methods, principles, techniques and algorithms used in the care of pregnant women, women in labor, postpartum women and their children, as well as women with gynecological diseases and in connection with gender transition	6
Vaccinations under the current vaccination program, particularly those for newborns and infants, and those recommended for pregnant women, and their effects. Types and effects of vaccines	3
Indications and contraindications for vaccination. Procedures and algorithms for administering preventive vaccinations with regard to the safety of the patient and the person administering the vaccine.	2
The midwife's participation in the diagnosis and treatment process. The nursing process as a midwife's work method. Formulating an obstetric and nursing diagnosis. Stages of the nursing process.	2
Using interpersonal communication skills in the midwife-patient relationship.	2
24.2. Seminars	---
24.3.Exercises	200
Asepsis, antiseptics, infection prevention 1. Hand washing with water and detergent / hand disinfection: a) hygienic, b) surgical; 2. Preparing / tidying up the workstation; 3. Donning surgical linen / handling sterile materials and equipment; 4. Preparing disinfectant solutions; 5. Preparing materials / equipment for disinfection / sterilization.	15
Desmurgy and physical therapy: 1. Basic bandaging techniques; 2. Application of heat and cold.	10
Performing care and hygiene activities: 1. Changing bed linen/personal linen; making an empty bed/with the patient; 2. Body toileting/assisting with the toilet; 3. Preventing complications in a bedridden/immobilized patient/postoperatively; 4. Hygiene procedures, skin and skin product care using pharmacological agents and medical materials; 5. Pressure sore prevention/treatment; 6. Mobilizing the patient after surgery, active and passive exercises, and respiratory gymnastics.	15

<p>Midwife participation in the therapeutic process:</p> <ol style="list-style-type: none"> 1. Preparation of the gastrointestinal tract for surgical procedures and return to oral nutrition after surgical procedures; basic dietary management; 2. Insertion/removal of a nasogastric tube/tube feeding; 3. Hygienic perineal washing; 4. Vaginal irrigation; 5. Insertion of a dry rectal tube; 6. Administration of a laxative enema. 	15
<p>Observing general and/or obstetric (gynecological) health:</p> <ol style="list-style-type: none"> 1. Maintaining basic gynecological and obstetric records (fever chart, individual order sheet, pregnancy progress chart); 2. General principles of medical record keeping; 3. Maintaining detailed observation charts (e.g., blood glucose chart, fetal heart rate monitoring, BP monitoring, fluid balance); 4. Assessment of general/obstetric health. 	10
<p>Aseptic procedures:</p> <ol style="list-style-type: none"> 1. Foley catheter insertion/removal; monitoring urine output and inducing micturition; assessing fluid balance; 2. Wound toileting/dressing change/suture removal from the perineal wound following cesarean section gynecological surgery. Wound care, assessment of the healing process. Assessment of the risk of wound infection. Removal of the drain from the wound; 3. General principles of assisting with aseptic procedures. 	15
<p>Midwife involvement in pharmacotherapy:</p> <ol style="list-style-type: none"> 1. General principles of drug use; 2. Drug forms and doses – dose calculation; 3. Principles of blood and blood derivative use; 4. Systemic and local medications; 5. Medications used in obstetrics and gynecology; 6. Specifics of drug use in newborns and children. 	10
<p>Intravenous Injections and Infusions:</p> <ol style="list-style-type: none"> 1. Blood sampling for diagnostic testing; 2. Preparation of medication for intravenous administration; 3. Insertion/removal of intravenous cannula; 4. Connection of intravenous drip; 5. Care of the injection site. 	15
<p>Administering injectable medications:</p> <ol style="list-style-type: none"> 1. General principles of injectable medication administration and types of injections; 2. Vaccination administration; 3. Allergy testing; 4. Subcutaneous drug administration; 5. Use of insulin therapy and anticoagulants; 6. Intramural injection technique; 7. Measuring blood glucose using a glucometer. 	30
<p>Midwife care for pregnant women:</p> <ol style="list-style-type: none"> 1. External pelvic measurements; 2. Methods for measuring fetal heart rate (Pinard receiver, UDT); 3. Care for pregnant women during invasive tests; 4. Diet of breastfeeding mothers. 	15
<p>Midwives' role in the diagnostic process in gynecology and obstetrics:</p> <ol style="list-style-type: none"> 1. Collecting specimens for HPV testing and bacteriological smears; 2. Midwives' role in preparing for procedures and providing care to patients after diagnostic, therapeutic, and surgical procedures (HSG, pouch puncture). 	15
<p>Newborn care in the hospital setting:</p>	

1. Technique for changing cloth/disposable diapers; 2. Bathing the newborn and providing skin care; 3. Toileting and securing the umbilical cord stump; 4. Anthropometric measurements; 5. Newborn and infant feeding methods and techniques; 6. Performing newborn screening tests; 7. Assessment of transitional conditions; 8. Immunizations, diagnosis, and classification of ADRs.		15
24.4. Clinical exercises		---
24.5. Practical exercises		160
Midwife's responsibilities in aseptic and antiseptic procedures. Midwife's competencies when performing nursing and hygiene procedures.		15
Midwife competencies during pressure sore and chafing care. Midwife tasks and competencies during perineal hygiene.		15
Zadania położnej podczas zabiegów związanych z odżywianiem i wydalaniem.		15
Conducting observations of general and obstetric condition.		15
Application of pharmacotherapy. Dose calculation. Specificity of cytostatic drug use. Principles of blood therapy.		10
Midwife's competences in performing aseptic procedures during the care of a peripheral venous catheter/postoperative wound/suture removal.		10
Midwife's competence in performing injections.		15
Tasks and competences of a midwife when collecting blood for tests.		15
Competencies of a midwife in the care of a pregnant woman.		15
Methods of measuring fetal heart rate.		10
Tasks and competences of a midwife in gynecological diagnostics.		10
Midwife's competencies in obstetric and neonatal care.		15
24.6. Low fidelity simulations		---
24.7. High fidelity simulations		20
Measurement of general condition parameters;		10
The role of the midwife in cancer prevention in women. 1. Collecting material for cyto-oncological smears using liquid-based and traditional methods 2. Performing a breast examination, assessing the mammary gland, and providing education on self-examination		10
24.8. Self-education*		42
sem. I	Participation in a scientific and training conference – webinar, in-person/online conference. A scientific presentation on a selected topic in line with the course content.	21
sem. II	Participation in a scientific and training conference – webinar, in-person/online conference. Preparation of educational materials on gynecological diagnostics or breastfeeding	21
25. Total ECTS points: **		
ACTIVITY		NUMBER OF HOURS/STUDENT WORKLOAD
Class hours according to the teacher's schedule (contact)		390
Preparation for various classes		
Participation in consultations		
Time for project/documentation/self-education		
Self-education *		42
Preparation for the exam		

Exam participation	
Practical classes	160
Professional internships	Appendix 1b
Total hours	432
Total number of ECTS POINTS	11
26. Literature	
<p>Basic:</p> <ol style="list-style-type: none"> 1. Bałanda A.: Opieka nad noworodkiem. PZWL, Warszawa 2022 2. Bień A. M.: Opieka nad kobietą ciężarną. PZWL, Warszawa 2022 3. Ciechaniewicz W.: Wstrzyknięcia śródskórne, podskórne, domięśniowe i dożylnie. PZWL, Warszawa 2024 4. Czajkowska M., Gałązka I., Gogoła C. (red): Wybrane procedury zabiegów pielęgniarskich w zawodzie położnej. Podręcznik dla studentów kierunków medycznych. Wydawnictwo SUM, Katowice 2016 5. Kulik H., Eszyk J.; Algorytmy czynności i zabiegów pielęgniarskich, Wydawnictwo SUM, Katowice 2014 6. Świetliński J., Musialik-Świetlińska E., Kosmała K., Pietras K., Wilk-Tyl J. Neonatologia i opieka nad noworodkiem. Tom 1. PZWL. Warszawa 2021, wyd. 2 7. Rozporządzenie Ministra Zdrowia z dnia 28 lutego 2017 r. w sprawie rodzaju i zakresu świadczeń zapobiegawczych, diagnostycznych, leczniczych i rehabilitacyjnych udzielanych przez pielęgniarkę albo położną samodzielnie bez zlecenia lekarskiego (t.j. Dz. U. 2025 poz. 821). 8. Rozporządzenie Ministra Zdrowia z dnia 6 kwietnia 2020 r. w sprawie rodzajów, zakresu i wzorów dokumentacji medycznej oraz sposobu jej przetwarzania. (t.j. Dz.U.2024.798) 9. Rozporządzenie Ministra Zdrowia z dnia 16 października 2017 r. w sprawie leczenia krwią i jej składnikami w podmiotach leczniczych wykonujących działalność leczniczą w rodzaju stacjonarne i całodobowe świadczenia zdrowotne (t.j. Dz.U. z 2023 r., poz. 1742) 10. Rozporządzenie Ministra Zdrowia z dnia 16 sierpnia 2018 r. w sprawie standardu organizacyjnego opieki okołoporodowej (t.j. Dz.U. z 2025r., poz. 1525) 	
27. Evaluation criteria – details	
<p>In accordance with the recommendations of the supervisory authorities.</p> <p>Course completion - the student has achieved the expected learning outcomes.</p> <p>Detailed criteria for passing and grading the course are provided in the course regulations.</p>	

* if required by the educational standard, the content of the self-study is provided by the instructor

** complete the appropriate sections in accordance with the instructions of the Council/Curriculum Committee for the given field of study after approval by the Dean