

DESCRIPTION OF THE COURSE OF STUDY

Course code	0913.7.POL1.F7.1.1TIPP	
Name of the course in	Polish	Techniki położnicze i prowadzenie porodu
	English	Childbirth and obstetric techniques

1. LOCATION OF THE COURSE OF STUDY WITHIN THE SYSTEM OF STUDIES

1.1. Field of study	Midwifery
1.2. Mode of study	Full-time study
1.3. Level of study	Bachelor's degree
1.4. Profile of study*	Practical
1.5. Person/s preparing the course description	Beata Szpak, PhD; Translation: Sylwia Głowala, PhD
1.6. Contact	sylwia.glowala@ujk.edu.pl

2. GENERAL CHARACTERISTICS OF THE COURSE OF STUDY

2.1. Language of instruction	English
2.2. Prerequisites*	Knowledge of human's anatomy and physiology from secondary school

3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY

3.1. Form of classes	Classes (C), tutorials classes (Tc), medical simulations (Ms), practical classes (Pc)
3.2. Place of classes	Lecture halls at UJK Didactic rooms at UJK Practical classes - hospital placements
3.3. Form of assessment	Graded credit (medical simulations - credit)
3.4. Teaching methods	Classes: demonstration, description, exercises, discussion, group work
3.5. Bibliography	Required reading
	Further reading

1. Troszyński M. Ćwiczenia położnicze na fantomie. Wydawnictwo lekarskie PZWL. Warszawa 2009.
2. Bręborowicz G, H. Położnictwo i ginekologia. Wydawnictwo lekarskie PZWL. Warszawa 2012.
3. Pschyrembel W, Dudenhausen J. Położnictwo praktyczne i operacje położnicze. Wydawnictwo lekarskie PZWL. Warszawa 2010.
4. Łepecka-Klusek C. Pielęgniarstwo we współczesnym położnictwie i ginekologii. Wydawnictwo lekarskie PZWL. Warszawa 2010

1. Al.-Azzawi F. Atlas porodu i zabiegów położniczych. Wydawnictwo Libramed. Warszawa 1999.
2. Aleksander J, Levy V, Roch S. Nowoczesne położnictwo. Wydawnictwo lekarskie PZWL. Warszawa 1995.
3. Chołuj I. Urodzić razem i naturalnie. Wydawnictwo „Źródła życia”. Mszczonów 2008.
4. Iwanowicz, Palus G. Alternatywne metody opieki okołoporodowej. Wydawnictwo lekarskie PZWL. Warszawa 2012.

4. OBJECTIVES, SYLLABUS CONTENT AND INTENDED LEARNING OUTCOMES

4.1. Course objectives (including form of classes)

CI. Classes:

C1 Knows the theoretical foundations of the obstetric techniques used and the principles of physiological delivery.
C2 Is prepared to recognize and guide delivery in abnormal positions and with abnormal structures of pelvis.
C3 Knows the algorithms and course of actions in emergency situations in obstetrics. Can recognise life-threatening situations involving both mother and fetus.

Tutorial classes:

C1 Developing manual skills necessary to conduct physiological delivery on a phantom
C2. Shaping manual skills necessary during complicated childbirth in abnormal fetal position and presentation. Working with a phantom.
C3 Learning to work with delivery room equipment.

Practical classes- hospital placements:

C1 Shaping the attitude of empathy towards the mother in labor and responsibility for the safety of a mother and a child.

C2. Participation in conducting physiological and surgical delivery.

C3 Recognising care needs and planning care of a women during pathological course of labor.

C4 Developing the ability to recognize and act in emergencies in obstetrics.

4.2. Detailed syllabus (including form of classes)**I. Classes:**

1. Structure and assessment of the bone pelvis
2. Structure and dimensions of the genital tract
3. Muscle type
4. The subject of delivery - the fetus
5. Modern diagnostics in the delivery period.
6. Initial interpretation of the KTG recording.
7. Elimination delivery - contractions.
8. Induction and stimulation of labor.
9. Psychoprophylaxis of childbirth.
10. Managing the I, II, III and IV period of childbirth.
11. Injuries of birth coffee during childbirth.
12. Childbirth if the pelvis is presented.
13. Overrun and prolapse
14. Overrun and prolapse of driving
15. Rupture the baby is born.
16. Management of haemorrhages.
17. Childbirth of the city.
18. Conducting a family childbirth.
19. Delivery complicated by the mother's diseases

Tutorials classes

1. External and internal examination of the woman in labor.
2. Examination and assessment of the fetal heart rate.
4. Preparing a woman for childbirth according to WHO, ICM and FIGO recommendations.
5. The mechanism of delivery in the longitudinal, head position, occiput anterior position.
6. The mechanism of delivery in the longitudinal, head position, occiput posterior position.
7. A midwife's duties and participation in childbirth.
8. Preparing the woman in labor for childbirth.
9. Managing the I, II, III and IV period of childbirth.
10. The mechanism of childbirth in bending positions.
11. Childbirth with irregularities in the position of the head.
12. The mechanism of delivery and obstetric procedures in the pelvic positions of the fetus.
13. Delivery in the transverse position of the fetus.
14. Twin delivery.
15. Shoulder dystocia.
16. Childbirth operative with the use of forceps and obstetric vacuum.
17. Obstetric turns.
18. Manual extraction of the bearing.
19. Preparing the woman in labor for the surgical delivery.

Practical classes

1. Admitting the woman in labor to the Delivery Room.
2. Preparing a woman for childbirth in accordance with WHO recommendations.
3. Assessment of the birth canal.
4. External and internal examination of the woman in labor.
5. CTG monitoring and initial record interpretation.
6. Caring for the mother in labor, her child and the accompanying person in the physiological course of labor.
7. The selection and use of appropriate birthing facilities and positions depending on the preferences of the mother in labor.
8. Injuries of the birth canal during childbirth.
9. Conducting childbirth in rebound positions.
10. Childbirth with irregularities in the position of the head.
11. Conducting childbirth with obstetric procedures in the pelvic positions of the fetus.
12. Conducting delivery in the transverse position of the fetus.
13. Conducting childbirth in the case of abnormal delivery pelvis.
14. Delivery of a twin pregnancy.
15. Carrying out the delivery in case of loss of small parts of the fetus.
16. Procedure in the event of impending uterine rupture.
17. Delivery in the case of shoulder dystocia.
18. Conducting childbirth with the use of forceps and obstetric vacuum.
19. Management of perinatal hemorrhages.

20. Preparing the woman in labor for the surgical delivery.
21. Conducting preterm labor.
22. Conducting a childbirth complicated by the mother's diseases.
23. Conducting a water birth.
24. Admission of childbirth in the event of intrauterine fetal death.

4.3 Intended learning outcomes

Code	A student, who passed the course	Relation to learning outcomes
within the scope of KNOWLEDGE:		
W01	knows the principles of obstetric care during physiological delivery, preterm labor and pathological delivery, as well as the principles of conducting and accepting delivery in outpatient conditions;	POŁ1P_W107
W02	knows the mechanisms of deliveries in the longitudinal head position, in bending positions, in the incorrect position of the head (anterior and posterior asynclitism), in the pelvic positions, in the incorrect structure of the bone pelvis and in twin deliveries;	POŁ1P_W108
W03	knows nonpharmacological and pharmacological methods of induction and stimulation of contractile activity;	POŁ1P_W109
W04	knows the tasks of a midwife during an abnormal delivery and surgical delivery;	POŁ1P_W110
W05	knows the rules of emergency procedures in perinatal care (obstetric haemorrhage, shoulder dystocia, prolapse of the umbilical cord and small parts of the fetus);	POŁ1P_W111
W06	knows diagnostic methods in obstetrics and the midwife's tasks in preparing the patient and equipment for their use;	POŁ1P_W124
W07	knows the impact of infectious and infectious diseases on a woman's fertility, principles of non-specific and specific infectious disease prophylaxis, used in women during pregnancy and puerperium, the mechanisms of fetal infection in the course of bacterial, parasitic and viral diseases, and guidelines for the management of a pregnant woman, a woman giving birth and a newborn baby in the event of the occurrence of such diseases;	POŁ1P_W125
within the scope of ABILITIES:		
U01	is able to recognize and eliminate risk factors in the course of childbirth, and, if necessary, provide the patient and her child with specialist care;	POŁ1P_U89
U02	is able to take preventive actions and in the field of health promotion in relation to women in the perinatal period and apply the principles resulting from legal regulations in perinatal care;	POŁ1P_U90
U03	can use the assumptions of obstetric psychoprophylaxis and choose non-pharmacological methods of relieving labor pain and use these methods;	POŁ1P_U91
U04	can establish an individual birth plan and, if necessary, modify it;	POŁ1P_U92
U05	is able to recognize the onset of labor and assess its progress on the basis of external and internal obstetric examination and observation of the labor of the woman in labor, as well as predict the probable course of labor and assess the possibilities of natural delivery;	POŁ1P_U93
U06	is able to monitor and evaluate the welfare of the fetus during delivery with various methods and to interpret the results of this assessment, including performing a CTG test and interpreting its result and recognizing the risks to the fetus resulting from an abnormal CTG test result;	POŁ1P_U94
U07	is able to provide obstetric care for a woman giving birth in particular stages of labor and apply the necessary procedures in accordance with the standard of perinatal care;	POŁ1P_U95
U08	can incise the perineum, recognize various degrees of cracks in the perineum and sew a first-degree incised or broken perineum;	POŁ1P_U96
U09	can receive a physiological and pelvic childbirth;	POŁ1P_U97
U10	is able to implement the standards of obstetric care in the case of delivery of a patient infected with HIV and in other difficult situations indicated in the standard of perinatal care;	POŁ1P_U98
U12	can provide obstetric first aid (secure access to a peripheral vein, administer drip infusion, administer oxygen therapy, maintain airway patency, perform resuscitation activities in a patient	POŁ1P_U100

	and a newborn, protect a perineal or cervical wound, perform manual extraction of the placenta, provide manual help in pelvic delivery);	
U13	is able to perform perinatal procedures on a newborn and assess its condition according to the current rating scales;	POŁ1P_U101

4.4. Methods of assessment of the intended learning outcomes																						
Teaching outcomes (code)	Method of assessment (+/-)																					
	Exam oral/written*			Test*			Project*			Effort in class*			Self-study*			Group work*			technique of performing the procedure			
	Form of classes			Form of classes			Form of classes			Form of classes			Form of classes			Form of classes						
	C	Tc	Pc	C	Tc	Pc	C	Tc	Pc	C	Tc	Pc	C	Tc	Pc	C	Tc	Pc	C	Tc	Pc	
W01	+	+		+																		
W02	+	+		+																		
W03	+	+		+																		
W04	+	+		+																		
W05	+	+		+																		
W06	+	+		+																		
W07	+	+		+																		
U01														+	+					+	+	
U02														+	+					+	+	
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U04														+	+					+	+	
U05														+	+					+	+	
U06														+	+					+	+	
U07														+	+					+	+	
U08														+	+					+	+	
U09														+	+					+	+	
U10														+	+					+	+	
U11														+	+					+	+	
U12														+	+					+	+	

*delete as appropriate

4.5. Criteria of assessment of the intended learning outcomes		
Form of classes	Grade	Criterion of assessment
Tutorials classes (Tc)	3	Student has mastered the content of the programs on a level, presents chaotic presentation There are simple leading questions, sometimes it doesn't end. Rules: You don't always follow the rules. Requires. Chaotic it seemed. Performs simple Fault without attention. Efficiency: condition uncertain, very slow. Visible efficiency during correctly. Independence: requires guidance and recall in dimensioning the package Knitwear. Attitude: not always able to judge and evaluate their own behavior
	3,5	Student has mastered most of the program content at a satisfactory level, presents knowledge after orientation, is able to apply it in typical situations. Rules: follow the rules after targeting. Performs Mira activities correctly. Efficiency: performs activities uncertainly. Sometimes it requires support and confidence. Self-reliance: Often requires reminders in action. Attitude: makes an effort to evaluate and analyze his own behavior
	4	Syudent has mastered most of the program content at a satisfactory level, presents knowledge as to independently, is able to apply it in typical situations. Rules: follow the rules after targeting. Performs activities correctly. Efficiency: Performs activities in slow motion. Self-reliance: Sometimes it requires reminders in action.

		Attitude: shows awkwardness in assessing and analyzing own behavior
	4,5	Student has has mastered the full range of knowledge of the program content, presents the knowledge independently, knows medical news, is able to apply knowledge after orientation in new situations. Principles: adheres to the principles after initial targeting. Technique and sequence of actions without any comments. Efficiency: performs activities confidently, but after a short reflection. Self-reliance: sometimes requires recall and direction of action. Attitude: Demonstrates efforts to evaluate and analyze their own behavior
	5	Student has mastered the full range of knowledge of the program content, presents the knowledge independently, knows medical news, is able to apply knowledge in new situations. Rules: follows the rules. Technique and sequence of activities without any comments. Efficiency: performs activities confidently and vigorously. Independence: plans and carries out activities completely independently. Attitude: can evaluate and analyze own behavior
classes (C)	3	Written test - score - 5 points
	3,5	Written test - score - 6 points
	4	Written test - score - 7 points
	4,5	Written test - score - 8 points
	5	Written test - score 9 points
Practical classes (Pe)	3	Rules: Doesn't always follow the rules. Requires supervision. Performs activities chaotically. Performs simple activities without comments. Efficiency: performs activities uncertainly, very slowly. Visible efficiency during exercise simple steps. Effectiveness: does not always take into account the individual situation of the patient. Reaches the goal after directing the action. Self-reliance: requires constant guidance and recall in performing complex exercises activities. Communicating with the patient: makes contact, but is unable to continue communicating with the patient patient. Attitude: not always able to judge and analyze their own behavior. He sometimes collaborates with therapeutic team. As far as possible, he identifies with the professional role
	3,5	Rules: follow the rules after targeting. Performs activities in between. Efficiency: condition uncertain. Sometimes it requires support and confidence. Effectiveness: the program time included in the program. It achieves the goal. Independence: Often requires reminders in taking action. Communicating with the patient: they can make us adequately and with care verbal contact with the patient. Attitude: a new approach to evaluate and analyze your own behavior. Works with the team m.m. Usually I usually come up with a professional role
	4	Rules: follow the rules after targeting. Performs activities correctly. Efficiency: Performs activities in slow motion. Effectiveness: draws attention to the individual situation of the patient. It achieves the goal. Self-reliance: Sometimes it requires reminders in action. Communicating with the patient: can establish and maintain verbal and non-verbal contact with the patient. Attitude: shows awkwardness in assessing and analyzing own behavior. Works with the team therapeutic. Identifies with the professional role.
	4,5	Principles: adheres to the principles after initial targeting. Technique and sequence of actions without any comments. Efficiency: performs activities confidently, but after a short reflection. Effectiveness: shows concern for taking into account the health situation of the patient. Achieves the goal after the preliminary orientation. Self-reliance: sometimes requires recall and direction of action. Communicating with the patient: correct, but sometimes requires guidance in the selection of methods communicating. Attitude: Demonstrates efforts to evaluate and analyze their own behavior. Works well with therapeutic team. He identifies visibly with his professional role
	5	Rules: follows the rules. Technique and sequence of activities without any comments. Efficiency: performs activities confidently and vigorously. Effectiveness: takes into account the patient's situation and the current possibilities of performing these activities. Independence: plans and carries out activities completely independently. Communicating with the patient: spontaneous, constructive. Selection of content adequate to expectations recipient. Attitude: can evaluate and analyze own behavior. He cooperates with the therapeutic team. Apparently he identifies with the professional role

5. BALANCE OF ECTS CREDITS – STUDENT’S WORK INPUT

Category	Student's workload	
	Full-time studies	Extramural studies
NUMBER OF HOURS WITH THE DIRECT PARTICIPATION OF THE TEACHER /CONTACT HOURS/	520	
<i>Participation in lectures*</i>		
<i>Participation in classes</i>	100	
<i>Participation in tutorial classes</i>	100	
<i>Participations in practical classes</i>	320	
<i>Preparation in the exam/ final test*</i>		
<i>Others (please specify e.g. e-learning)*</i>		
INDEPENDENT WORK OF THE STUDENT/NON-CONTACT HOURS/	25	
<i>Preparation for the lecture*</i>		
<i>Preparation for the classes, seminars, laboratories*</i>	25	
<i>Preparation for the exam/test*</i>		
<i>Gathering materials for the project/Internet query*</i>		
<i>Preparation of multimedia presentation</i>		
<i>Others *</i>		
TOTAL NUMBER OF HOURS	545	
ECTS credits for the course of study	20 (5 ECTS per semestr)	

**delete as appropriate*

Accepted for execution (date and legible signatures of the teachers running the course in the given academic year)

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