



**Summer Professional Practice
after the 5th year of study
Faculty of Medical Sciences, 6-year MD Program**

PEDIATRICS

Program and Regulations

After the fifth year of the 6-year MD program, each student is obligated to realize 140 hours (4 weeks) – 70 hours of summer practice in the field of **Pediatrics** and 70 hours of summer practice in the field of Gynecology and Obstetrics. Summer practice takes place during the summer months (July - September) in 7 hours day shift (hours. 7:00 - 14:00 or 8:00 - 15:00). Additionally, each student is obligated to be on two duties between the hours of 14:00 to 21:00, during such duties student is excused from the morning duty.

Summer Practices in the fields of **Pediatrics** and **Gynecology and Obstetrics** mainly allow to acquire, improve and strengthen the practical skills including: nursing procedures and patient care activities. Additionally, the summer practice allows for active and passive participation in the basic medical procedures.

Summer practice should take place in accredited hospital departments of Pediatrics and departments of Gynecology and Obstetrics.

During the practice after the fifth year, each student is required to:

1. get to know the organization and work specific in the ward
2. learn basic procedures of nursing and primary care (nursing records, regarding the patient hospital admission, residence, leave or death, to keep the patient records, patient history of nursing activities, etc.)
3. participate in daily nurse's report (information about patients after night duty, newly admitted patients, etc.)
4. participation in doctor's ward round
5. presentation of the basic patient's vital signs during doctor ward rounds (including the measurements of blood pressure, pulse rate, body temperature, urine, bowel movements, secretions, in example, the type and amount of liquids for drains, etc.)
6. comply to aseptic and antiseptic rules
7. be familiar with the Hospital Drug Index
8. participate in the implementation of medical orders – be familiar with the individual order card, to administer a medicine, etc.
9. participate in the preparation of drug medication (eg intravenous infusion)
10. participation in patient care activities
11. participation in the education and prevention training led by nursing staff
12. participate in the feeding of patient and familiarize with patient nutrition and diet
13. participate in the preparation of the patient for surgery /planned treatment or by life indications
14. participate in the observation of the patient after treatment / surgery or invasive/ non-invasive diagnostic examination
15. know the principles of anti-bedsore prophylaxis and principles of treatment and healing of bedsores.

Supervision of student:

Supervisor of summer practice is chosen by the head of the clinic / ward. The Supervisor of practice is responsible for:

- implementation of the summer practice program;
- evaluation of summer practice by grading the individual skills and treatments
- evaluation of the student reliability and professionalism.

The student is under direct supervision of a nurse, chosen by the head of the clinic / ward.

After the practices a student is obliged to write essays (each of 400-500 words) after each of cycles – **Pediatrics** and **Gynecology and Obstetrics**, the essays should be dedicated to professional and unprofessional behavior that he or she observed during the practice, own thoughts.

The final evaluation and completion of the summer practice is made by the tutor and coordinator of the summer practice **Mr Rakesh Jalali, MD, PhD** chosen by the Dean of the Faculty of Medical Sciences. In all contentious issues the student may contact the above named coordinator of summer practice.

All other questions and problems are solved by Vice Dean for Education, **Mr Jerzy Gielecki, MD, PhD, prof. UWM.**

During the summer practice the student can be inspected by the authorities of Faculty or University.

The student is required to mark in his/her individual summer practice record book all performed activities and treatments as well as all the skills acquired during summer practice. Implementation of any of the above mentioned activities, treatments and procedures must be approved by the signature of the person who supervised the execution of the procedure (nurse, ward nurse, physician) and must be evaluated on a scale of 2.0 to 5.0 where:

For each ability a student receives from 0 – 2 points, where:

0 points – lack of or incorrect implementation of abilities/procedures

1 point – the ability/procedure is partially or incorrectly implemented, but satisfactorily

2 points – the ability /procedure is correctly implemented

Professionalism of a student is also assessed during practices:

0 points – student proceeds and behaves unprofessionally

1 point – student proceeds and behaves satisfactorily

2 points – student proceeds and behaves professionally

For professionalism the student receives the grades:

5.0. – very good – when he/she receives 30-27 points

4.0. – good – when he/she receives 26-21 points

3.0. – satisfactory – when he/she receives 20-15 points

2.0. – insufficient – when he/she receives 14 points and less

A student may receive the given grades for Summer Practices in the field of **Pediatrics**:

2.0 - insufficient, no/incorrect procedure – implementation of 5% or less abilities/procedures (104 points and less), lack of professionalism (less than 15 points), lack or incomplete essay

3.0 – satisfactory-the abilities (**105-119 points**) + professionalism on satisfactory level (**20-15 points**), an essay

4.0 – good – the abilities (**120-135**) + professionalism on satisfactory level (**26-21 points**), an essay

5.0 - very good – the abilities (**more than 135 points**)+ professionalism on the very highlevel (**30-27**), an essay

If the grade of one of the parts is lower – the final grade is also half grade lower

A student may receive the given grades for Summer Practices in the field of **Gynecology and Obstetrics**:

2.0 - insufficient, no/incorrect procedure – implementation of 5% or less abilities/procedures (104 points and less), lack of professionalism (less than 15 points), lack or incomplete essay

3.0 – satisfactory-the abilities (**105-119 points**) + professionalism on satisfactory level (**20-15 points**), an essay

4.0 – good – the abilities (**120-135**) + professionalism on satisfactory level (**26-21 points**), an essay

5.0 - very good – the abilities (**more than 135 points**)+ professionalism on the very highlevel (**30-27**), an essay

If the grade of one of the parts is lower – the final grade is also half grade lower

At the end of the summer practice student is required to write one-page (about 400 - 500 words) essay about the professional and/or unprofessional behaviors with which he/she met during the summer practice (own reflections). The essay is evaluated by the coordinator of summer practice for the fifth year- **Mr Rakesh Jalali, MD, PhD**.

Summer practice record book with student individual evaluation skills and procedures card must be submitted to the Dean's Office with index no later than 15th September 2016. Failing the summer practice according to the Regulation of study, will effect not passing the fifth year and the removal from students list.

The requirement to pass summer practice after first year of medical studies is a confirmation of obtained skills, listed in the detailed summer practice program. Every skill or procedure needs to be confirmed with a final grade. Additionally, the professionalism and the reliability of the given tasks are also graded. The final grade for the summer practice is total score of the above named grades, issued by the coordinator of summer practice Mr Rakesh Jalali, MD, PhD . the grade should be also visibile in the USOS system.

Basic skills and treatments in the field of Pediatrics 1st part *

Skills		Obligatory participation in treatments/ activities			Grade (0-2 points)	Comments
		independent	Accompanied by/ supervision	as an observer		
Follows the aseptic and antiseptic rules						
Eualutes for clinical signs	Affictions and general complaints					
	The history of previous illness					
	Family medical history					
evaluates for physical signs	head					
	neck					
	chest					
	Abdominal cavity and hip					
	limbs					
Knows patomechanism, recognises the reasons of basic illnesses						
Knows and differentiates basic symptoms of the most common illnesses						
Differentiates basic units related to illness						
Knows how to evaluate basic life-threatening conditions of a child						
Evalutates psychophysical condition of a child						
Evaluates the condition of a child's nutrition						
Makes attempts of initial diagnosis						
Knows the indication to hydration treatment						
Monitors an analyses the measurement results	Blood preassure					
	Pulse rate					
	Temperature					
Monitors vital signs	cardiomonitor					
	oximeter					
	Blond glucose etc.					
Participation in medical rounds	The treatment of a patient before medical rounds					
	Reports a current state of a patient					
	Takes part in medical rounds					

Basic skills and treatments in the field of Pediatrics 2nd part *

Skills		Obligatory participation in treatments/ activities			Grade (0-2 points)	Comments
		independent	Accompanied by/supervision	as an observer		
Diagnostics: Deputes, analyses the course of treatment/tries to interpret the results of deidiagnostic examination:	Imaging studies:					
	ECG recording					
	Pathological examination					
	other					
Knows how to:	evaluate the current state of a child					
	Evaluate the mental and physical development state of a child					
	Evaluate the patient's state of hydration/dehydration					
	Evaluate daily fluid balance					
	Determine filling in the fluid shortage					
	Determine a child's diet					
Knows the rules of	Balance/periodic Visual examination					
	Care of an infant***					
	Care of a small child***					
	Feeding of a healthy infant ***					
	Feeding of an ill infant ***					
	Feeding of a healthy child					
	Feeding of an ill child					
	First aid					

*** It is possible not to follow the given procedure depending on the department in which the practice is carried

Basic skills and treatments in the field of Pediatrics 3rd part *

Skills		Obligatory participation in treatments/ activities			Grade (0-2 points)	Comments
		independent	Accompanied by/ supervision	as an observer		
Knows the rules/protection of material used to diagnostic tests	Arterial, capillary, venous blood					
	Blood for culture					
	urine					
	liquid					
	Stomach/duodental contents					
	swabs					
Knows the rules/commissions/performs stingings and injectable	subcutaneous					
	Administration of insulin: the rules of using pen, insulin pump					
	intramuscular					
	Peripheral intravenous					
	To huge veins/central vessel					
Commissions/performs Basic procedures and interventions	Oxygen therapy					
	Assisted and replacement ventilation					
	spirometry					
	Using Oro-pharyngeal tube***					
	Catheterization of the bladder					
	Enema					

***** It is possible not to follow the given procedure depending on the department in which the practice is carried

Basic skills and treatments in the field of Pediatrics 4th part *

Skills		Obligatory participation in treatments/ activities			Grade (0-2 points)	Comments
		independent	Accompanied by/ supervision	as an observer		
Takes part/performs	Transfuse blood products					
	Pleural drainage					
	Drainage of the peritoneal cavity					
	Puncture pericardium***					
	Lumbar puncture***					
	Bone marrow puncture***					
	Establishment of a central catheter insertion site					
Administers the drug in an intravenous drip infusion						
Knows	Vaccination schedule					
	Balance/periodic testing rules					
	Basic infectious diseases of children					
	Basic metabolic disorders					

***** It is possible not to follow the given procedure depending on the department in which the practice is carried

* Evaluation is made by the supervisor of the practice in the ward/clinic in which the practice is realized

.....
(signature and stamp of practice supervisor)

.....
(Stamp of the ward/ clinic In which the practice was made)

Table 2. Evaluation of student professionalism and competence during the practices in the Pediatrics Department*

	POINTS				Comments
	0-2point				
External appearance (eg ID, clean, ironed coat)					
Punctuality					
Motivation and involvement					
Reliability of given orders and activities					
Ability of using and acquaintances of medical terminology					
ability to apply medical knowledge					
Ability to submit and discuss cases					
ability to communicate with patients					
ability to communicate with staff					
Ability to plan work					
professional behavior					
Empathy					
Adherence to ethical rules					
Grading of progress in carrying out tasks					
The potential for professional and scientific development					
Total score:					

* Evaluation is made by the supervisor of the practice in the ward/clinic in which the practice is realized

.....
(signature and stamp of practice supervisor)

.....
(Stamp of the ward/ clinic In which the practice was made)

Students evaluate in the scale 1 to 5 (1 - insufficiently → 5 - very good):
 their new knowledge, participation and involvement to the summer professional practice -
 logistical and substantive preparation of the ward in which the practice is realized -

Student's reflections about professional and / or unprofessional behaviors with which he faced during the implementation of Summer Professional Clerkship for the ***Pediatrics*** (one page of typescript, approximately 400-500 words).

A large, empty rectangular box with a thin black border, intended for the student to write their reflections. The box occupies most of the page below the instruction text.



Certification of Summer Professional Practice

PEDIATRICS

in basic skills and treatments

Student of the 5th year of medicine (6-year MD program) at the Faculty of Medical Sciences

at the University of Warmia and Mazury,

Mr/Ms

completed Summer Professional Practice accordance with the above-mentioned practice program of 140 hours,

held from to 20.....year.

.....
(Stamp of the ward/ department In which the practice was realized)

.....
(signature and stamp of practice supervisor)

Final evaluation:

* Evaluation is made by the supervisor of the practice

.....
(signature and stamp of the practice coordinator)



**Summer Professional Practice
after the 5th year of study
Faculty of Medical Sciences, 6-year MD Program**

GYNECOLOGY AND OBSTETRICS

Program and Regulations

During the practice after the first year, each student is required to:

1. get to know the organization and work specific in the ward
2. learn basic procedures of nursing and primary care (nursing records, regarding the patient hospital admission, residence, leave or death, to keep the patient records, patient history of nursing activities, etc.)
3. taking part in daily doctor's report (information about patients after the night surgery, patient that newly came
4. participate in preparing a patient to planned, sudden childbirth, preparing a documentation
5. participation in doctor's ward round
6. presentation of the basic patient's vital signs during doctor ward rounds (including the measurements of blood pressure, pulse rate, body temperature, urine, bowel movements, secretions, in example, the type and amount of liquids for drains, etc.)
7. presentation of an actual state of a patient and progress of a pregnancy, childbirth, confinement and illness: progression/regression
8. physical examination for a patient, workshop improvement of interview and physical examination (the abilities that are already possessed)
9. daily observation and control of a patient's state – including life-affecting of a mother and a fetus
10. observation of the progress of the labor, life-affecting of a mother and a fetus
11. conducting of a medical documentation according to binding rules and procedures
12. taking part in the childbirth, receiving a birth under the supervision, taking part in perinatal activities
13. gets to know the rules in qualification of patients to ceasarean section
14. comply to aseptic and antiseptic rules
15. participate in preparation and realisation of doctor's recommendations – get to know new aspects, monitor, fills in the card orders under the supervision
16. participate in the preparation of the mother's and child's diet, especially mother who feeds
17. participate in preparing the patient to birth, intervention, planned or life-affecting operation and taking part in interventions
18. participation in observation of a patient by the birth, intervention, operation or a after diagnostic/invasive study
19. getting to know the rules of the cancer and female sex organs prevention
20. taking part in training conducted in the department

Basic skills and treatments in the field of Gynecology and Obstetrics 1st part *

Skills		Obligatory participation in treatments/ activities			Grade (0-2 points)	Comments
		independent	Accompanied by/ supervision	as an observer		
Follows the aseptic and antiseptic rules						
Conducts the general examination						
Conducts gynecological evaluation	Per vaginam					
	At the initiation of treatment					
	In the half of the pregnancy					
	In the final period of the pregnancy					
	During the childbirth					
	In confinement					
	Per rectum					
Conducts physical treatment	head					
	neck					
	chest					
	best					
	Abdominal and hip cavity					
	Limbs					
Knows how to perform hip measurements.	Anatomical conjugate					
	Real conjugate					
	Midsagittal and diagonal conjugate					
	Outward conjugate					
	Distantia sipnarum					
	distantia INTERCRISTALIS					
	distantia INTERTROCHANTERICA					
	other					
Taking part in doctor's round	Treatment of a patient					
	Reports an actual state of a patient					
	Takes part in rounds					

Basic skills and treatments in the field of Gynecology and Obstetrics 2nd part *

Skills		Obligatory participation in treatments/ activities			Grade (0-2 points)	Comments
		independent	Accompanied by/ supervision	as an observer		
Monitors life parameters of fetus, new-born child and a mother	pressure					
	pulse					
	temperature					
	Cardiography (KTG)					
	Blood glucose levels					
	Desaturation					
	Cardiomonitor Of an infant i.e. Apgar scale					
Knows how to evaluate basic states	Threat of fetus life					
	Threat of mother's life					
Diagnostics: Knows the indications and the protection of material to diagnostics examination; Analyses the course/ tries to interpret the tests results	Diagnostics graphic: ultrasound, cardiotocography (KTG) etc.					
	Of work: ECG, ECHO of the heart etc.					
	Laboratory					
	patomorphology					
The rules of taking and security of material to diagnostic treatment	Arterial, capillary, venous blood					
	Blood for culture					
	urine					
	Other liquids					
	swabs					
	Material to cytological treatment					
Takes part in:	Transfusion of blood products***					
	Drainage of peritoneal cavity***					

*** It is possible not to follow the given procedure depending on the department in which the practice is carried

Basic skills and treatments in the field of Gynecology and Obstetrics 3rd part *

Skills		Obligatory participation in treatments/ activities			Grade (0-2 points)	Comments
		independent	Accompanied by/ supervision	as an observer		
Is able to evaluate:	Actual state of infant					
	Psychophysical stage of development					
	Hydrating/dehydrating state					
	State the amount of liquids in the organism that is crucial to complement the lack of liquid					
Knows the rules	Periodic examination					
	Taking care of an infant					
	Feeding a healthy infant					
	Feeding a premature					
	First aid and the knowledge of anatomical distinction of an infant					
Takes part in /assists	Receives physiological birth					
	Assesses bearing after a birth					
	Perineal suturing					
	Qualification of a patient to caesarean section					
	Caesarean section					
	Qualification of a patient to treatment/operation					
	Treatment/operation					
Recognizes the reasons and understand patomechanism of basic diseases						
Knows and differentiates the basic symptoms of the most common diseases						
Differentiates basic disease's units, mainly risk conditions, life threatening of mother/fetus/infant/						
Tries to place recognition and diagnostics						
Proposes the scheme of treatment						

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.....
(signature and stamp of practice supervisor)

.....
(Stamp of the ward/ clinic In which the practice was made)

Table 2. Evaluation of student professionalism and competence during the practices in the Department of Gynecology and Obstetrics *

	POINTS 0-2point				Comments
External appearance (eg ID, clean, ironed coat)					
Punctuality					
Motivation and involvement					
Reliability of given orders and activities					
Ability of using and acquaintances of medical terminology					
ability to apply medical knowledge					
Ability to submit and discuss cases					
ability to communicate with patients					
ability to communicate with staff					
Ability to plan work					
professional behavior					
Empathy					
Adherence to ethical rules					
Grading of progress in carrying out tasks					
The potential for professional and scientific development					
Total score:					

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GYNECOLOGY AND OBSTETRICS
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Student of the 5th year of medicine (6-year MD program) at the Faculty of Medical Sciences
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Mr/Ms
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(signature and stamp of practice supervisor)

Final evaluation:

* Evaluation is made by the supervisor of the practice

.....
(signature and stamp of the practice coordinator)