



Pomorski Uniwersytet Medyczny w Szczecinie

SYLLABUS of the MODULE (SUBJECT) General information

Module title: PHYSIOLOGY OF PREGNANCY	
Module type	Obligatory
Faculty PMU	Faculty of Medicine and Dentistry
Major	Medical and Dentistry
Specialty	n.a.
Level of study	long-cycle
Mode of study	full-time/part-time
Year of studies, semester	Year II, semester III
ECTS credits (incl. semester breakdown)	1
Type/s of training (Number of hours)	Seminars - (15 h)
Form of assessment ¹	<input checked="" type="checkbox"/> graded assessment: <ul style="list-style-type: none"> <input type="checkbox"/> descriptive <input checked="" type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral <input type="checkbox"/> non-graded assessment <ul style="list-style-type: none"> <input type="checkbox"/> final examination: <ul style="list-style-type: none"> <input type="checkbox"/> descriptive <input type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral
Head of the Department /Clinic, Unit	Title/degree prof. dr hab. n. med. Andrzej Torbe'
Tutor responsible for the module	dr Piotr Tousty ; ptousty@pum.edu.pl dr n. med. Wioletta Mikołajek-Bedner ; wioletta.bedner@pum.edu.pl – person responsible for didactics in the unit
Name and contact data of the unit	Department of Obstetrics and Gynaecology PUM SPSK-2; Al. Powstańców Wlkp. 72, 70-111 Szczecin
Department's/ Clinic's/ Unit's website	https://www.pum.edu.pl/wydzialy/wydzial-medycyny-i-stomatologii/klinika-poloznictwa-i-ginekologii
Language	Polish/English

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¹ where applicable, replace ☐ into ☒

Detailed information

Module objectives		The basic objective of the module Physiology of pregnancy is to present the mechanisms of hormonal regulation of a woman's menstrual cycle and the changes in her body occurring during pregnancy. An understanding of the physiology of pregnancy with particular reference to changes in the oral cavity and gastrointestinal tract will enable the prevention of conditions and the making of correct diagnostic and therapeutic decisions.
Prerequisite /essential requirements	Knowledge	Basic knowledge of the anatomy of the genital tract and the regulatory mechanisms of the endocrine system.
	Skills	Ability to assess and interpret the condition of the oral cavity in the pregnant woman and to recognise pathologies within it.
	Competences	Self-education habit.

Description of the learning outcomes for the subject/module			
No. of learning outcome	Student, who has passed the (subject) knows /is able to /can:	SYMBOL (referring the standards)	Method of verification of learning outcomes*
W01	knows and understands hormonal conditions in women in certain phases of life.	E.W10.	Test assessment (ZT)
W02	knows and understands influence of nutrition and addiction of pregnant woman on fetus development.	E.W11.	ZT
W03	knows and understands the principles of dental care for a pregnant woman.	E.W12.	ZT
W04	knows and understands life-threatening states.	E.W18.	ZT
W05	knows and understands cases in which the patient should be referred to the hospital.	E.W20.	ZT
U01	is able to plan diagnostics and therapeutic management in case of most common diseases in adults.	E.U3.	ZT
K01	is ready to notice and recognize own limitations, make self-assessment of educational deficits and needs.	K.5.	O
K02	is ready to use reliable sources of information.	K.6.	O

Table presenting LEARNING OUTCOMES in relation to the form of classes

No. of learning outcome	Learning outcomes	Type of training						
		Lecture	Seminar	Practical classes	Clinical classes	Simulations	E-learning	Other forms
W01	E.W10.		x					
W02	E.W11.		x					
W03	E.W12.		x					
W04	E.W18.		x					
W05	E.W20.		x					
U01	E.U3.		x					
K01	K.5.							x
K02	K.6.							x

Table presenting TEACHING PROGRAMME			
No. of a teaching programme	Teaching programme	Number of hours	References to learning outcomes
Winter semester			
Seminars			
TK01	Female menstrual cycle. Sex hormones. Hormonal changes during the different periods of a woman's life.	2 hrs	W01 K5, K6
TK02	Diagnosis of pregnancy (pregnancy symptoms, biological, biochemical and biophysical methods of pregnancy diagnosis). Importance of early diagnosis of pregnancy.	1 hrs	W01, W02 K5, K6
TK03	Most common complications of the first trimester of pregnancy.	2 hrs	W04 K5, K6
TK04	Methods of monitoring fetal condition - cardiotocography, ultrasonography, fetal electrocardiography.	2 hrs	W05 K5, K6
TK05	Physiology of pregnancy.	1 hrs	W01 K5, K6
TK06	Physiological birth.	1 hrs	W01 K5, K6
TK07	Physiology of puerperium.	1 hrs	W01 K5, K6
TK08	Antenatal care of a pregnant woman. Standards of perinatal care in Poland.	1 hrs	W02, W03, U01 K5, K6
TK09	Selected issues from pregnancy pathology: PIH, IUGR, multifetal pregnancy.	2 hrs	W02, W04, W05, K5, K6
TK10	Prenatal diagnosis.	2 hrs	W04 K5, K6

Booklist:
Obligatory literature:
1. Położnictwo i ginekologia. Bręborowicz G.H.
Supplementary literature:
1. Praktyczne położnictwo. Pschyrembel W. Dudenhausen J.
2. Ćwiczenia położnicze. Troszyński M.

Student's workload	
Form of student's activity (in-class participation; activeness, produce a report, etc.)	Student's workload [h]
	Tutor
Contact hours with the tutor	15
Time spent on preparation to seminars/ practical classess	8
Time spent on reading recommended literature	3
Time spent on writing report/making project	
Time spent on preparing to colloquium/ entry test	4
Time spent on preparing to exam	
Other	
Student's workload in total	30
ECTS credits for the course (in total)	1

Notes

* Selected examples of methods of assessment:

EP – written examination

EU – oral examination

ET – test examination

EPR – practical examination

K – colloquium

R – report

S – practical skills assessment

RZC – practical classes report, incl. discussion on results

O – student's active participation and attitude assessment

SL – lab report

SP – case study

PS - assessment of student's ability to work independently

W – entry test

PM – multimedial presentation

other...