



Pomeranian Medical University in Szczecin

SYLLABUS of the MODULE (SUBJECT)

valid from the academic year 2018/2019

General Information

Module title	Physiology of Pregnancy
Module type	Obligatory
Faculty	Faculty of Medicine and Dentistry
Field of study	Medicine and Dentistry
Major	Not applicable
Level of study	long-cycle (S2J)
Mode of study	intramural
Year of studies, semester	Year 2, semester III
ECTS credits (incl. semester breakdown)	1
Type/s of training	seminars (15h)
Form of assessment	graded assessment
Head of the Department/ Clinic, Unit	Prof. dr hab. n. med. Andrzej Torbé
Tutor responsible for the module	Dr hab. n. med. Sebastian Kwiatkowski
Department's/ Clinic's/ Unit's website	https://www.pum.edu.pl/wydzialy/wydzial-lekarsko-stomatologiczny/klinika-poloznictwa-i-ginekologii
Language	English

Detailed information

Module objectives		The main aim of the module titled "Physiology of Pregnancy" is presenting mechanisms of hormonal regulation of women's menstrual cycle and physiologic changes during pregnancy. Understanding the physiology of pregnancy, specially changes in the oral cavity and in the digestive system will can prevent occurrences of different diseases as well as can help to undertake a correct diagnostic path and a therapeutic decisions.
Prerequisite /essential requirements	Knowledge	Knowledge concerning the anatomy of reproductive system and regulatory mechanisms of the internal endocrine system.
	Skills	The ability to assess the state of the oral cavity and recognition pathologic conditions
	Competences	The habit of self-education.

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) ZEK	Method of verification of learning outcomes*
W01	The physiologic changes in the female reproductive cycle with particular emphasis on hormonal regulation of the menstrual cycle.	K_E.W10	FT
W02	The maternal physiologic changes associated with pregnancy, labor, puerperium and anatomical, metabolic and functional changes in various organs and systems.	K_E.W10	FT
W03	The impact of nutrition and addictions on pregnancy	K_E.W11	FT
W04	The principles of antepartum care of pregnant women, prenatal diagnosis and standards of perinatal care in Poland, with particular emphasis on the conduct of pregnant woman in the field of dental care.	K_E.W12	FT
W05	The complications of multifetal gestation	K_E.W18	FT
U01	The relationship between pathology of the oral cavity and the possibility of obstetric complications. Planning diagnostic and therapeutic procedures of oral diseases during pregnancy with regard to the important physiological changes during pregnancy.	K_E.U03	FT
K01	Take a diagnostic and therapeutic decisions in pregnant patients, choose the appropriate therapy in pregnant patients, cooperate with teams, is open to others' opinions.	K_K03	FT

Table presenting learning outcomes of the subject/module in relation to the form of classes								
No.	SYMBOL (referring the standards) ZEK	Type/s of training						
		Lecture	Seminar	Practical classes	Clinical classes	Other...
1.	K_E.W10		X					
2.	K_E.W10		X					
3.	K_E.W11		X					
4.	K_E.W12		X					
5.	K_E.W18		X					
6.	K_E.U03		X					
7.	K_K03							X

Module contents no.	Description of teaching programme	No. of hours	References to learning outcomes
	Seminars	15	
TK.01	Sex hormones. Woman's menstrual cycle. Hormonal changes in individual periods of a woman's life.	2	W01, K01
TK.02	The diagnosis of pregnancy (pregnancy symptoms, biological, biochemical and biophysical methods of recognition of pregnancy). The importance of early diagnosis of pregnancy.:	1	W01, W02, K01
TK.03	Physiology of pregnancy	2	W02, W03, U01, K01
TK.04	Physiology of labour	2	W02, K01
TK.05	Physiology of puerperium	1	W02, K01
TK.06	Methods of monitoring the condition of the fetus.	1	W02, W04
TK.07	Prenatal care of pregnant women. Standards of perinatal care in Poland.	1	W02, W03, W04, U01, K01
TK.08	The prenatal diagnosis.	1	W04, K01
TK.09	The most common Complications during first trimester of pregnancy	2	W05, K01
TK.10	Selected aspects of the pathology of pregnancy.	2	W05, K01

Booklist

Obligatory literature:

1. Beckmann C., Ling F., Smith R., Barzansky B., Herbert W., Laube D.: Obstetrics and Gynecology
Lippincott Williams & Wilkins

Student's workload (balance sheet of ECTS credits)

Form of student’s activity (in-class participation; activeness, produce a report, etc.)	Student’s workload [h]		
	Tutor	Student	Average
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 subject (in total)	1		
Remarks			

* 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

FT - final test