

<b>Program of Study</b>	:	<b>General Medicine</b>
<b>Course</b>	:	<b>Gynecology and Obstetrics 2</b>
<b>Abbreviation</b>	:	<b>PGY/VA013</b>
<b>Schedule</b>	:	120 hours practical training
<b>Course Distribution</b>	:	6 <sup>th</sup> year, 12 <sup>th</sup> term – 4 week block
<b>Number of Credits</b>	:	10
<b>Course Form</b>	:	4 weeks of practical training, 8 PBL seminars

**Teachers:**

prof. MUDr. Pilka Radovan, Ph.D.  
 prof. MUDr. Kudela Milan, CSc.  
 prof. MUDr. Ľubušký Marek, PhD.  
 doc. MUDr. Dostál Jiří, Ph.D.  
 odb. as. MUDr. Dzvinčuk Petr, Ph.D.  
 odb. as. MUDr. Marek Radim, Ph.D.  
 odb. as. MUDr. Kantor Lumír, Ph.D.  
 odb. as. MUDr. Durdová Veronika, Ph.D.  
 odb. as. MUDr. Hansmanová Lenka, Ph.D.  
 odb. as. MUDr. Maděrková Tozzi Michaela, Ph.D.  
 odb. as. MUDr. Kratochvílová Tereza, Ph.D.  
 odb. as. MUDr. Pecková Eliška, Ph.D.  
 as. MUDr. Benická Alžběta  
 as. MUDr. Bezděková Veronika  
 as. MUDr. Bodnár Vojtěch  
 as. MUDr. Buláková Sabina  
 as. MUDr. Campsie Kateřina  
 as. MUDr. Doleželová Lucie  
 as. MUDr. Dubrava Lubomír  
 as. MUDr. Dvořák Vladimír  
 as. MUDr. Heroldová Jana  
 as. MUDr. Janošík Martin  
 as. MUDr. Kováč David  
 as. MUDr. Lasák Jakub  
 as. MUDr. Malchar Ondřej  
 as. MUDr. Pešková Lucie  
 as. MUDr. Pospíšil Lukáš  
 as. MUDr. Přidalová Barbora  
 as. MUDr. Ráčková Lenka  
 as. MUDr. Šinská Alexandra  
 as. MUDr. Šuláková Soňa  
 as. MUDr. Trumpešová Jarmila  
 as. MUDr. Turková Marie  
 as. MUDr. Valcharčíaková Simona  
 as. MUDr. Vítková Tereza  
 as. MUDr. Vodička Jan  
 as. MUDr. Zbirovská Julie  
 as. MUDr. Zedníčková Škodová Hana

**Tutor:** odb. as. MUDr. Tereza Kratochvílová, Ph.D.  
**Course:** 4-week block, daily 8:00 -13:00  
**Date:** B/a 30. 1. – 24. 2. 2023  
**PBL seminars:** 8:00 - 13:00

**Start of the clinical training - at 8:00 in the gyn&obst. library.**

**For PBL seminars, practical training in departments and Centesimo, students are divided in to groups.**

**The student will receive his/her schedule on the 1st day of the clinical training**

	Date	Topic	Teacher
1	1. 2. 2023	Menopause, hormone replacement therapy.	Kudela
2	2. 2. 2023	Bleeding in early pregnancy. Antepartum. Prenatal care. Antepartal assessment. Fetal growth disorders. Prenatal diagnosis and fetal therapy. Genetic counselling. Abortion.	Dvořák
3	3. 2. 2023	Contraception. Assisted Reproduction.	Malchar
4	9. 2. 2023	Emergencies in obstetric and gynecology. Abnormal labour. Postterm pregnancy. Obstetric surgical procedures. Breech presentation and delivery. Multiple gestation and delivery. Abnormalities of the placenta, umbilical cord, amniotic fluid and membranes.	Dostál
5	13. 2. 2023	Bleeding disturbances	Hostinská
6	14. 2. 2023	Gynecological oncology.	Pilka
7	15. 2. 2023	Urogynecology. Pelvic Pain. Ectopic pregnancy. Pelvic organ prolapse. Pediatric and adolescent gynecology. Family planning and contraception.	Benická Buláková
8	16. 2. 2023	High risk pregnancies: fetal hypotrophy, fetoplacental circulation, preterm delivery, multiple pregnancy. preeclampsia, Rh-immunisation, diabetes in pregnancy, renal and hepatic disorders in pregnancy.	Šinská

### Clinical Training

	Block day	Topic	No of hours
1	1.-4.	<u>Labour suite</u> examination of pregnant women in labour, management of labour, CTG evaluation, assistance during the delivery including perineal lacerations and cervical injuries repair ward round at the delivery room and ICU (preeclampsia, premature labour), Testing of practical skills during teaching is performed on gynecological and obstetric simulators in Centesimo.	24
2	5.-8.	<u>Outpatient clinic</u> Ultrasound in obstetrics and gynecology (transabdominal, transvaginal, Dopplerometry) Gynecological examination including colposcopy and cytology. Minor gynecological procedures Oncogynecology Urogynecology High-risk pregnancy	24

		IVF Antenatal care Cervical pathology. Testing of practical skills during teaching is performed on gynecological and obstetric simulators in Centesimo.	
3	9.-12.	<u>Maternity Ward</u> ward round, main problems of puerperium, medical records study <u>Natal clinic (physiology, newborn intensive care unit)</u> ward round, management of high risk newborns. Testing of practical skills during teaching is performed on gynecological and obstetric simulators in Centesimo.	24
4	13.-16.	<u>Operating theatre + Gynecological intensive care unit</u> assistance in gynecological and obstetric operations, basic surgical procedures in obstetrics and gynecology, ward round, intensive postoperative care, parenteral nutrition. Testing of practical skills during teaching is performed on gynecological and obstetric simulators in Centesimo.	24
5	17.-20.	<u>Ward of gynecology and various complications in pregnancy</u> ward round, minor Gynecological procedures, gynecological examination including colposcopy and cytology redressing, removal of stitches and clamps, pre- and postoperative care, medical records study, management of Gynecological malignancies, adjuvant and neoadjuvant therapy. Testing of practical skills during teaching is performed on gynecological and obstetric simulators in Centesimo.	24

**Completed by:** Final examination (State rigorous examination including practical exam and MCQ test)

**Requirements:** The evaluation of practical skills is part of the State Rigorous Exam, which consists of a practical exam, a writing test and two theoretical questions. Students have to complete all four weeks of practical training including PBL seminars at the Department of Obstetrics and Gynecology. 2-days absence is permitted if satisfactory apology is made. The student will apologize to the clinic's secretariat. The lesson can be replaced in the afternoon.

**Literature :**  
Pilka R. , Procházka M. – Gynecology, Olomouc 2012  
Procházka M., Pilka R. – Obstetrics, Olomouc 2012  
Turková et. Al. – Atlas of Ultrasound Images in Gynaecology and Obstetrics, Palacký Univerzity Olomouc, 2022  
Chamberlain, G.V.P.: Gynecology by Ten Teachers. 17<sup>th</sup> Edition, Mar 2001  
Chamberlain, G.V.P.: Obstetrics by Ten Teachers. 17<sup>th</sup> Edition, Mar 2001  
Arulkumaran, S.: Oxford Handbook of Obstetrics and Gynecology, 2004