

**Program of Study :** General Medicine  
**Course :** Gynecology and Obstetrics 1  
**Abbreviation :** PGY/VA011  
**Schedule :** 20 hours seminars  
70 hours practical training  
**Course Distribution:** 5<sup>th</sup> year, 9<sup>th</sup> or 10<sup>th</sup> semester – 3 week block  
**Number of Credits:** 6  
**Course Form :** seminars, practical training

**Tutor:** odb. as. MUDr. Veronika Durdová, Ph.D.

**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. Valcharčiaková Simona  
as. MUDr. Vítková Tereza  
as. MUDr. Vodička Jan

as. MUDr. Zbirovská Julie  
as. MUDr. Zedníčková Škodová Hana

**Group A1: 3. 4. – 21. 4. 2023 (7. 4., 10. 4. state holiday)**

**Group A3: 24. 4. – 12. 5.2023 (1. 5., 8. 5. state holiday)**

**Group A1 3. 4. – 21. 4. 2023 (7. 4., 10. 4. 2023 state holiday)**

1st Week: practical training + seminars

**Started 8:00 - PORGYN library (1<sup>st</sup> floor)**

- information on the breakdown of lessons during a block

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

**Praktical training: 8:00 – 9:30**

**Seminars: 9:45 - 11: 15 and 11:30 – 13:00**

Block day	Subject	No. of hours	Teacher
3. 4.	Gynecologic history, examination, and diagnostic procedures. Menstuation disorders. Dysfunctional Uterine Bleeding.	2	Kudela
	Vulvovaginitis and Cervicis. Pelvic inflammatory disease and endometritis. Sexually transmitted diseases.	2	Dostál
4. 4.	Endometriosis.	2	Vodička
	Gynecologic surgery.	2	Campsie
5. 4.	Benign gynecologic lesions. Premalignant lesions. Gynecologic cancer.	2	Marek
	Maternal and fetal anatomy and physiology. Implantation, embryogenesis and placental development, fetal growth and development. Prenatal development. Changes in the pregnant mother.	2	Valcharčiaková
6. 4.	Antepartum. Prenatal care. Antepartal assessment. Fetal growth disorders. Prenatal diagnosis and fetal therapy. Genetic counselling. Abortion.	2	Ľubušký
	Basic obstetrical terms.	2	Doleželová
7. 4.	Labour. Mechanism of labour. Obstetric analgesia and anesthesia. The puerperium.	2	Durdová
	The newborn infant. Basic newborn care. Diseases and injuries of the fetus and newborn.	2	Kantor Bodnár

1 st - 3rd week - of practical exercises after departments and Centesimo

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

	Block day	Topic	No of hours
1	1.-3.	Labour suite 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,	14

		premature labour), Testing of practical skills during teaching is performed on gynecological and obstetric simulators in Centesimo.	
2	4.-6.	<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 IVF Antenatal care Cervical pathology. Testing of practical skills during teaching is performed on gynecological and obstetric simulators in Centesimo.	14
3	7.-9.	<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.	14
4	10.-12.	<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.	14
5	13.-15.	<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.	14

**Group A3                      24. 4. – 12. 5. 2023 (1. 5., 8. 5. 2023 state holiday)**

1st Week: practical training + seminars

**Started 8:00 - PORGYN library (1<sup>st</sup> floor)**

- information on the breakdown of lessons during a block
- the student will receive his/her schedule on the 1st day of the clinical training

Praktical training: 8:00 – 9:30

Seminars: 9:45 - 11: 15 and 11:30 – 13:00

Block day	Subject	No. of hours	Teacher
24. 4.	Gynecologic history, examination, and diagnostic procedures. Menstruation disorders. Dysfunctional Uterine Bleeding.	2	Dostál
	Vulvovaginitis and Cervicitis. Pelvic inflammatory disease and endometritis. Sexually transmitted diseases.	2	Kováč
25. 4.	Endometriosis.	2	Malchar
	Gynecologic surgery.	2	Campsie
26. 4.	Benign gynecologic lesions. Premalignant lesions. Gynecologic cancer.	2	Přidalová
	Maternal and fetal anatomy and physiology. Implantation, embryogenesis and placental development, fetal growth and development. Prenatal development. Changes in the pregnant mother.	2	Pešková
27. 4.	Antepartum. Prenatal care. Antepartal assessment. Fetal growth disorders. Prenatal diagnosis and fetal therapy. Genetic counselling. Abortion.	2	Tozzi
	Basic obstetrical terms.	2	Zbirovská
28. 4.	Labour. Mechanism of labour. Obstetric analgesia and anesthesia. The puerperium.	2	Kratochvílová
	The newborn infant. Basic newborn care. Diseases and injuries of the fetus and newborn.	2	Kantor Bodnár

1 st - 3rd week - of practical exercises after departments and Centesimo  
the student will receive his/her schedule on the 1st day of the clinical training

	Block day	Topic	No of hours
1	1.-3.	<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.	14
2	4.-6.	<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 IVF Antenatal care Cervical pathology. Testing of practical skills during teaching is performed on gynecological and obstetric simulators in Centesimo.	14
3	7.-9.	<u>Maternity Ward</u> ward round, main problems of puerperium, medical records	14

		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.	
4	10.-12.	<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.	14
5	13.-15.	<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.	14

**Completed by:** Colloquium

**Requirements:**

Students have to complete all three weeks of practical training including seminars at the Department of Obstetrics and Gynecology.

1-day absence is permitted if satisfactory apology is made. Student will apologize on the secretariat.

The composition of the colloquium is a pre-requisite for the summer training.

**Literature:**

Pilka R., Procházka M. – Gynecology, Palacký Univerzity Olomouc 2012

Procházka M., Pilka R. – Obstetrics, Palacký Univerzity Olomouc 2012

Turková et. Al. – Atlas of Ultrasound Images in Gynaecology and Obstetrics, Palacký Univerzity Olomouc, 2022

Chamberlain, G.V.P.: Gynaecology 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, Jan 2004

Gupta, J.K.: Core Clinical Cases in Obstetrics and Gynaecology, Jul 2001