

Clinical pharmacology and pharmacotherapy (1)

(2021/2022, winter term, 4th year)

Seminar: Thursday 09.20 – 11.05 hrs, online learning
Thursday 11.10 – 12.55 hrs, online learning

1st week (September 23, 2021)

Dr. Dóka

Organization of seminars. Basic pharmacological knowledge for understanding of clinical pharmacology and pharmacotherapy

2nd week (September 30, 2021)

Dr. Kiliánová

Summary of Product Characteristics (SmPC) and Package Leaflet (PL)

3rd week (October 7, 2021)

Dr. Foltánová

Pharmacovigilance: Basic terms for drug risk evaluation and regulation. Monitoring of unwanted effects in clinical practice

4th week (October 14, 2021)

Dr. Jankyová

Basic pharmacokinetic parameters in clinical practice

5th week (October 21, 2021)

Dr. Kráľová

Prescription of medicines from the aspect of irrational pharmacotherapy

6th week (October 28, 2021)

Dr. Vavřincová

Practical examples of some typical interactions in therapeutical practice in relation to adverse drug reactions

7th week (November 4, 2021)

Dr. Vavřincová

Practical examples of some typical interactions – Case studies
(seminar held only in moodle)

8th week (November 11, 2021)

Dr. Kiliánová

Pharmaceutical care in prevention of most common cardiovascular and metabolic diseases

9th week (November 18, 2021)

Dr. Dóka

Over the counter drugs.
Their advantages and disadvantages

10th week (November 25, 2021)

Dr. Vavrínek

Abdominal pain – *basic evaluation and first aid*.
Chest pain and back pain – *diagnosis and first aid*

11th week (December 2, 2021)

Dr. Ondriašová

Pathophysiological status influencing drug response and adverse drug reactions.
Influence of disease on the effects of drugs

12th week (December 9, 2021)

Dr. Ondriašová

Practical examples of adverse drug reactions, preparation for test
Essays as substitution for EACH absence HAVE TO BE submitted no later than 12. 12. 2021.

13th week (December 16, 2021)

Reserved topic, consultation

Referee for seminars: Mgr. Gabriel Dóka, PhD.

Bratislava, September 13, 2021

prof. PharmDr. Ján Klimas, PhD., MPH
gestor

Requirements for passing Clinical Pharmacology and Pharmacotherapy (1) and for taking the Final Exam in winter term 2021/2022

Terms of DISTANCE LEARNING due to ongoing COVID-19 pandemic

1. Lectures:

- All lectures will be presented online via MS Teams according to the official schedule
- Attendance at all lectures is mandatory, presence will be verified by automatic electronic monitoring!
- Handout materials from lectures will be gradually posted on the official E-Learning site of this course.

2. Seminars:

- All seminars will be presented via MS Teams according to the official schedule.
- Students are required to attend the seminar for which they were signed up in their official schedule in AIS2.
- Attendance at all seminars is mandatory, 100% presence rate is required! Students' presence during each seminar will be verified by switched-ON video camera in MS Teams.
 - Substitution for each absence is writing an essay. Please contact the teacher of the missed seminar (by email) as soon as possible and ask for an assignment. The teacher will specify the essay requirements.
 - The completed essay must be delivered as soon as possible, but no later than December 12, 2021. Delayed requests/essays will be immediately rejected.
 - Please submit your completed substitute essays according to the teacher's instructions
- Handout materials from seminars will be gradually posted on the official E-Learning site of this course.

3. Seminar presentation/essay:

- Each student will be assigned to prepare a presentation or an essay for a pre-determined seminar.
- Students are required to request an assignment and all necessary instructions from the appointed teacher. Further details will be announced at the first seminar.
- Each student must personally present his/her seminar work to their colleagues at designated seminar via MS Teams.
- In the case of an absence on such seminar, students must contact the teacher of the relevant week as soon as possible and ask for further instructions. Students will be required to supply the presentation + substitution for an absence. All seminar works must be resolved **no later than December 12, 2021**. Delayed works will be immediately rejected.

4. Final exam:

- Student is eligible for the final exam only if all previous requirements have been met and the teachers were satisfied with seminar presentation.
- Final exams will be performed in the form of a test during examination period. Further details regarding exams will be posted in advance before the start of the examination period.
- Minimal score for successful passing the final exam is 60%.

Recommended Literature and Sources:

- *Online databases:*
 - **LEXICOMP Online.** Wolters Kluwer Clinical Drug Information, Inc. <online: <http://online.lexi.com/lco/action/home>>
- *e-books and printed books:*
 - Brown M.J., Sharma P., Mir F.A., Bennet P.N.: **Clinical Pharmacology.** 12th Edition. Elsevier. 2018 (available as e-book from Central Library)
 - Francis S-A, Smith F.J., Malkinson J., Constanti A., Taylor K. **Integrated Pharmacy Case Studies.** Pharmaceutical Press. 2015 (available as e-book from Central Library)
 - Gray A.H., Wright J., Bruce L., Oakley J. **Clinical Pharmacy.** Second Edition. Pharmaceutical Press. 2016 (available in Central Library for present studying)
 - Nathan A: **Managing symptoms in the pharmacy.** Second Edition. Pharmaceutical Press. 2012 (available as e-book from Central Library)
(e-book section from Central Library: <https://www.fpharm.uniba.sk/en/divisions/central-library/e-books/>)

Please report technical issues with E-Learning/MS Teams or study-related questions relevant to this course to Dr. Dóka by email: <doka@fpharm.uniba.sk> or via MS Teams.

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