



CLINICAL MEDICINE 5

SIXTH YEAR OF STUDIES

2024/2025.

INTERPROFESSIONAL EDUCATION

Subject:

INTERPROFESSIONAL EDUCATION

The course is valued at 2 ECTS. There are 2 classes of active learning per week (2 classes of seminar in a small group).

TEACHERS AND ASSOCIATES:

| No | Name and surname | E-mail address | Title |
|-----|---------------------------|---------------------------------|---------------------|
| 1. | Vojislav Ćupurdija | vojacup@gmail.com | Associate Professor |
| 2. | Jelena Vucković Filipović | jelenavufi@gmail.com | Assistant Professor |
| 3. | Vladimir Ignjatović | vladaig@yahoo.com | Assistant Professor |
| 4. | Danijela Jovanović | daziv81@yahoo.com | Assistant Professor |
| 5. | Rada Vučić | rada.vucic@gmail.com | Assistant Professor |
| 6. | Miodrag Srećković | sreckovic7@gmail.com | Assistant Professor |
| 7. | Tomislav Nikolic | marvin@sbb.rs | Assistant Professor |
| 8. | Dragana Bujanja | drbujanja@gmail.com | Assistant with PhD |
| 9. | Željko Todorović | todorovic_zeljko@hotmail.com | Assistant Professor |
| 10. | Anita Sarić | anitaivosevic@gmail.com | Teaching Assistant |
| 11. | Stefan Simović | simovicst@gmail.com | Teaching Assistant |
| 12. | Jelena Živić | jelena.zy@gmail.com | Teaching Assistant |
| 13. | Radiša Pavlović | rpavlovic@medf.kg.ac.rs | Associate Professor |
| 14. | Aleksandra Stojanović | vranicaleksandra90@gmail.com | Assistant Professor |
| 15. | Nataša Mijailović | nacakg@gmail.com | Assistant with PhD |
| 16. | Katarina Mihajlović | katarina.radonjic@medf.kg.ac.rs | Assistant with PhD |
| 17. | Marko Ravić | markoravic@hotmail.com | Teaching Assistant |
| 18. | Katarina Djordjević | kacka96kg@gmail.com | Teaching Assistant |
| 19. | Božidar Pindović | pindovic.bozidar@gmail.com | Teaching Associate |
| 20. | Aleksandra Arnaut | sandra11_92@yahoo.com | Assistant Professor |
| 21. | Momir Stevanović | momirstevanovic7@gmail.com | Assistant Professor |
| 22. | Sanja Vujović | sanja.994@live.com | Teaching Associate |
| 23. | Pavle Milanović | pavle11@yahoo.com | Teaching Associate |

COURSE STRUCTURE:

| Module | Name of the module | Weeks | Lectures weekly | Work in a small group per week | Teacher – Module supervisor |
|--------|-----------------------------|-------|-----------------|--------------------------------|------------------------------------|
| 1. | Interprofessional education | 15 | 0 | 2 | Associate Prof. Vojislav Ćupurdija |
| | | | | | $\Sigma 0 + 30 = 30$ |

EVALUATION:

The final grade is formed based on the number of points obtained through pre-exam activities and on the final exam:

PRE-EXAM ACTIVITIES: In this way, the student can gain up to 30 points, by evaluating his analysis of clinical cases during work in a small group. According to the demonstrated knowledge, he gains 0-2 points per week. In order to pass the module, the student must obtain more than 50% of the points.

Students who do not get more than 50% of the points on the pre-exam activities, pass the activity during the exam period by answering 2 questions from each module they did not pass.

FINAL EXAM: In this way, the student can gain up to 70 points. The student takes a test of 35 questions from the entire course material. Each correctly responded question is validated with 2 points. If the student does not get more than 50% of the correct answers, he has not passed the final exam.

The final grade is formed as follows:

In order to pass the course, the student must obtain a minimum of 51 points, pass pre-exam activities on all modules and pass the final exam (test).

| number of points obtained | grade |
|---------------------------|-------|
| 0 – 50 | 5 |
| 51 – 60 | 6 |
| 61 – 70 | 7 |
| 71 – 80 | 8 |
| 81 – 90 | 9 |
| 91 – 100 | 10 |

LITERATURE:

| Module | Name of the textbook | Authors | Publisher | Library |
|-----------------------------|--|--|--|---------|
| Interprofessional education | Harrison's Principles of Internal Medicine, 20e | Jameson J, Fauci AS, Kasper DL, Hauser SL, Longo DL, Loscalzo J. Jameson J. et al. | McGraw-Hill Professional, 2022. | No |
| | World Health Organization: Framework for Action on Interprofessional Education and Collaborative Practice. Geneva, WHO, 2010. Available at: http://www.int.hrh/resources/framework-action/en/ http://www.zdravlje.gov.rs (National guidelines of good clinical practice) https://www.escardio.org/Guidelines/Clinical-Practice-Guidelines (<i>European Society of Cardiology</i>) https://www.acc.org/guidelines (<i>American College of Cardiology</i>) http://www.diabetes.org/ (<i>American Diabetes Association</i>) https://www.easd.org/ (<i>European Foundation for the Study of Diabetes</i>)s | | | |
| | Handbook of pharmacology and toxicology. 6th edition. | Janković SM | Kragujevac: Faculty of Medical Sciences, 2021. | Yes |
| | Burket's Oral Medicine | Glick M, Greenberg MS, Lockhart PB, Challacombe SJ | John Wiley & Sons, Inc, 2021. | No |
| | Oral and Maxillofacial Surgery | Fonseca JR | Elsevier, 2016. | No |

PROGRAM

TEACHING UNIT 1 (FIRST WEEK)

Practical exercises 2 classes

Candidiasis of the digestive tract. Causes. Therapy. Oral manifestations.

TEACHING UNIT 2 (SECOND WEEK)

Practical exercises 2 classes

Bacterial endocarditis. Prevention. Treatment. Dental procedures with increased risk.

TEACHING UNIT 3 (THIRD WEEK)

Practical exercises 2 classes

Inflammatory bowel diseases with oral manifestations. Pharmacotherapy. Importance.

TEACHING UNIT 4 (FOURTH WEEK)

Practical exercises 2 classes

Cardiac rhythm disorders. Anticoagulant therapy. Adverse effects. Hemorrhagic syndrome.

TEACHING UNIT 5 (FIFTH WEEK)

Practical exercises 2 classes

Sjogren's syndrome. Diagnostics. Therapy. Oral manifestations.

TEACHING UNIT 6 (SIXTH WEEK)

Practical exercises 2 classes

Terminal stage of renal failure. Dialysis and therapeutic challenges. Dental procedures

TEACHING UNIT 7 (SEVENTH WEEK)

Practical exercises 2 classes

Clostridium difficile enterocolitis after antibiotic treatment. Antibiotic therapy in dentistry.

TEACHING UNIT 8 (EIGHTH WEEK)

Practical exercises 2 classes

Systemic adverse reactions to local anesthetics.

TEACHING UNIT 9 (NINTH WEEK)

Practical exercises 2 classes

Thrombocytopenia. Causes. Treatment. Oral and systemic manifestations. Complications during dental procedures.

TEACHING UNIT 10 (TENTH WEEK)

Practical exercises 2 classes

Anemia, clinical manifestations, therapy

TEACHING UNIT 11 (ELEVENTH WEEK)

Practical exercises 2 classes

Acute coronary syndrome. Basics of cardiopulmonary resuscitation

TEACHING UNIT 12 (Twelfth Week)

Practical exercises 2 classes

Diabetes mellitus. Clinical manifestations. Diagnostics. Therapy.

TEACHING UNIT 13 (WEEK THIRTEEN)

Practical exercises 2 classes

Sepsis. Causes. Clinical manifestations. Diagnostics. Therapy.

TEACHING UNIT 14 (FOURTEENTH WEEK)

Practical exercises 2 classes

Clinical and laboratory characteristics of patients with viral hepatitis and HIV, therapy, oral manifestations

TEACHING UNIT 15 (FIFTEENTH WEEK)

Practical exercises 2 classes

Oncology patients on HT and RT. General side effects of therapy. Oral manifestations.

SCHEDULE OF EXERCISES

FRIDAY

12:00-13:30

(Hall at the Internal Clinic)

LESSON SCHEDULE - INTERPROFESSIONAL EDUCATION

| Module | Week | Type | Name of the lecture | Teachers |
|--------|------|------|--|---|
| | 1 | P | Candidiasis of the digestive tract. Causes. Therapy. Oral manifestations. | Teaching Assistant Jelena Živić Assist. Prof. Aleksandra Stojanović Assist. Prof. Momir Stevanović |
| | 2 | P | Bacterial endocarditis. Prevention. Treatment. Dental procedures with increased risk. | Assoc. Prof. Radiša Pavlović Assist. Prof. Miodrag Srećković Teaching Associate Pavle Milanović |
| | 3 | P | Inflammatory bowel diseases with oral manifestations. Pharmacotherapy. Importance. | Teaching Associate Pavle Milanović Teaching Assistant Jelena Živić Teaching Assistant Nataša Mijailović |
| | 4 | P | Cardiac rhythm disorder. Anticoagulant therapy. Adverse effects. Hemorrhagic syndrome. | Assist. Prof. Vladimir Ignjatović Teaching Associate Pavle Milanović Teaching Assistant Katarina Mihajlović |
| | 5 | P | <i>Syogren's syndrome</i> . Diagnostics. Therapy. Oral manifestations. | Assist. Prof. Momir Stevanović Teaching Assistant Stefan Simović Teaching Assistant Marko Ravić |
| | 6 | P | Terminal stage of renal failure. Dialysis and therapeutic challenges. Dental procedures | Assist. Prof. Tomislav Nikolić Teaching Associate Pavle Milanović Teaching Assistant Katarina Đorđević |
| | 7 | P | <i>Clostridium difficile</i> enterocolitis after antibiotic therapy. Antibiotic therapy in dentistry. | Teaching Associate Pavle Milanović Teaching Assistant Jelena Živić Dr. Bozidar Pindović |
| | 8 | P | Systemic adverse reactions to local anesthetics. | Teaching Associate Pavle Milanović Teaching Assistant Anita Sarić Teaching Assistant Katarina Đorđević |
| | 9 | P | Thrombocytopenia. Causes. Treatment. Oral and systemic manifestations. Complications during dental procedures. | Assist. Prof. Danijela Jovanović Assist. Prof. Momir Stevanović Dr. Bozidar Pindović |
| | 10 | P | Anemia. Clinical manifestations. Therapy. | Assist. Prof. Momir Stevanović Assist. Prof. Željko Todorović Teaching Assistant Nataša Mijailović |
| | 11 | P | Acute coronary syndrome. Basics of cardiopulmonary resuscitation | Assist. Prof. Rada Vučić Assist. Prof. Aleksandra Stojanović Teaching Associate Pavle Milanović |
| | 12 | P | <i>Diabetes mellitus</i> . Clinical manifestations. Diagnostics. Therapy. | Assoc. Prof. Radiša Pavlović Assist. Prof. Momir Stevanović Teaching Assistant Dragana Bujanja |

LESSON SCHEDULE - INTERPROFESSIONAL EDUCATION

| Module | Week | Type | Name of the lecture | Teachers |
|--------|-----------|----------|---|--|
| | 13 | P | Sepsis. Causes. Clinical manifestations. Diagnostics. Therapy. | Assist. Prof. Jelena Vučković Filipović Teaching Associate Pavle Milanović Dr. Bozidar Pindović |
| | 14 | P | Clinical and laboratory characteristics of patients with viral hepatitis and HIV. Therapy. Oral manifestations. | Assist. Prof. Momir Stevanović Assist. Prof. Željko Todorović Teaching Assistant Katarina Mihajlović |
| | 15 | P | Oncology patients on HT and RT. General side effects of the therapy. Oral manifestations. | Assist. Prof. Momir Stevanović Associate Prof. Vojislav Čupurdija Teaching Assistant Marko Ravić |
| | | | FINAL TEST | |
| | | E | EXAM | |