Study Affairs Commission
University of Ljubljana
Faculty of MEdicine

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Course Regime

Course

RESPIRATORY SYSTEM

Study Programme	Course type	Year of the Course
Medicine	Compulsory	1. ☐ 2. ☐ 3. ☐ 4. ☐ 5. ☑ 6. ☐

Semester	No. of ECTS credits
Winter	4

Lecturer(s)

Mitja Košnik, Miha Sok

Participating Organisational Units (Departments and Institutes)

Chair of Internal Medicine, Chair of Surgery, Chair of Imaging Diagnostics, Institute of Pharmacology and Experimental Toxicology, Institute of Pathological Physiology

Parts (Modules) of the Course

1:

2:

3:

4:

Date of Issue

15. 9. 2018

A. General Part *(applies to compulsory and elective courses)*

1. Course objectives

Student should make a diagnosis from history, clinical examination and laboratory tests; be able to perform emergency treatment in respiratory diseases; learn the valid principles of treatment and rehabilitation and get information on new treatment modalities, which are in the process of evaluation at the moment; understand the comprehensive approach to the patient.

2. Comprehensive outline of the course organisation

Organisation of the lessons
The aim of the subject is that the student understands the most common respiratory diseases and problems that are important for a family doctor. Lectures for the course will be given in English language in the majority of lectures or at least the slides will be in English. Slides (handouts) of the lectures and other study material can be found online on the Faculty website (https://pouk.mf.uni-lj.si/login/index.php) - please check access to the website and prepare for lectures in advance.

Learning objectives are:
• student has to read the chapter on respiratory diseases from the textbook of internal medicine (Kumer Clark is appropriate). Clinically important topics of, diagnostic imaging and pharmacology are included.
• student has to learn in details common respiratory diseases
Student should be able to evaluate common diagnostic procedures and perform some common therapeutic procedures.

Subject is organised so that
1 Is interactive
2. Students prepare in advance for the lectures (using also tests in the e-classroom)
3. During the lectures student should understand the answers to the questions that are similar to exam questions.

In the e-classroom students will find slides of the lectures and quizzes which allow better preparation for the lecture and exam.

Clinical practice: In clinical practice with patients, students are required to have a respectful attitude towards patients and to exercises. This is a prerequisite for a student to be allowed to attend clinical practice.

3. Description of on-going assessment of knowledge and skills

Resolving tasks in the online classroom and assessing the preparedness at the clinical practice through a conversation. Assessment of knowledge and skills during the course is not evaluated by marks.

4. Required conditions for the final examination (Course Exam)

Attendance of the lectures: To be allowed to attend the final exam student has to attend at least 70% of lectures/clinical practice and answers 75% of homeworks (those which are in english) in the e-classroom.
The apologies (also medical) do not allow the required percentage of presence to be reduced.
If, for objective reasons (stated in the Regulations*) the student fails to fulfill his / her obligation to enter the exam (for example, long-term absence due to illness), the nominated teacher of the course may, during free periods or during the holidays, allow him to complete

5. Final assessment and examination of knowledge and skills (Course Exam)

Exam: 50 MCQ test with 5 possible answers, one and only one of which is correct. Evaluation is in accordance with Regulations *
The first exam term is straight after the end of the course. The second and third term are summer and autumn term.

6. Other provisions

Evaluation is in accordance with Regulations for assessment of knowledge and skills for the uniform master's study programmes of Medicine and Dental medicine.

7. Fundamental study material and Supplement reading

Suggested literature for the exam:
- Kumar and Clark's Clinical Medicine
- lecture slides and texts in e-classroom (https://pouk.mf.uni-lj.si/login/index.php)

8. Exam topics, clinical presentations and skills

KNOWLEDGE:
Pathophysiology of respiratory system
Respiratory function tests (spirometry, bronchodilatatory and bronchoprovocation tests, transfer factor, pletismography): indications, interpretation of results
Smoking: reasons, health consequences, smoking cessation techniques
Imaging of respiratory system: Indications for chest X-ray ,CT, MRI, thoracic ultrasound
Diseases of airway: overview. Details: Asthma, COPD
Respiratory infections
Tuberculosis
Diseases of lung interstitium: overwiev. Detailes: IFA, EABA; sarcoidosis
Occupational lung diseases
Lung cancer: clinical presentation, diagnostic approach
Common surgical lung procedures, VATS, lung cancer surgery
Management of thoracic injuries
Mediastinal diseases
Pneumothorax
Pleural effusion
Hyper and hypoventilation, sleep apnea syndromes
Respiratory failure (acute/chronic)
Pulmonary hypertension
Lung transplantation: indications, selection of candidates for transplantation
Palliative care in pneumology. End of life decisions.
Bronchoscopy: indications, preparing patients for the procedure

9. Other information

B. Elective Courses *(considered as Elective Course Annoucement)*

1. **Participating main and guest lecturers**

2. **Estimated time period in the semester**

3. **Maximum number of students for the elective course (if the number of students able to attend the course is limited)**

4. Please specify if the elective course is available in English for incoming international students (Erasmus + and others). Please specify any additional conditions in the case that the elective course is available for visiting students.

Additional explications and notes::

1. The Course Regime enters in force on the date of issue and remains valid until its revocation or alteration. The Course Regime may not be altered during the academic year. Any changes to the Course Regime may only enter into force starting with the next academic year (changes must be submitted no later than 14 days prior to the start of the academic year as the new Course Regime).

2. The Course Regime for compulsory courses must be published no later than 14 days prior to the start of the academic year.

3. The Course Regime for elective courses is also considered the Elective Course Announcement and must be published no later than the 30th of July prior to the start of the academic year in which it enters in force.
4. The Course Regime must be published in Slovenian and English.

5. In the Course Regime, the »Regulations for the Assessment of Knowledge and Skills for the Single-Cycle Master Study Programmes Medicine and Dental Medicine« will be referred to as "Regulations".

case of any further questions, please contact the Study Affairs Commission of the UL MF, via e-mail: ksz@mf.uni-lj.si.