



Course Regime

Course: Open airway management: from basic tools to difficult intubation

Study Programme:
Medicine

Year of the Course: 4

Semester:
Summer

Course type:
Compulsory

Number of ECTS credits: 3

Lecturer(s):
Doc. dr. Maja Šoštarič

Participating Organisational Units (Departments and Institutes):
Department of Anaesthesiology and Reanimatology

Parts (Modules) of the Course

- 1: Anatomy of airway
- 2: Supraglottic device for airway management
- 3: Intubation
- 4: Difficult intubation
- 5: Apparatus for mechanical ventilation
- 6: Indication for mechanical ventilation

Date of Issue:
15.9.2019

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

1. Course objectives

Students repeat the airway anatomy. They learn the predictive factors for the difficult intubation and the algorithm of difficult intubation. They get acquainted with Mallampati scale. They know the indications for intubation and the complications that may occur during intubation. During practical work, they learn how to use supraglottic tools to maintain the open airway and intubation. They intubate the mannequin with direct and video assist devices. They get acquainted with the basics of mechanical ventilation and the principles of ventilators.

2. Comprehensive outline of the course organisation

The lessons will be as the lectures and practical work on the simulator. The lesson will be held in the afternoon one whole week; three hours of lectures and two hours of practice at the MF Simulation Centre. Students should be present at least 4 times. In case of excused absence, lectures and practice in Simulation Centre will be conducted by appointment.

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

On-going assessment is not planned during the course.

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

The student who has attended the lectures and practical work at the Simulation Centre (1 excused absence) may approach to the exam. The first introductory lecture is compulsory for all students. In case of excused absence, lectures and practical work at the Simulation Centre will be conducted by appointment and then the student may approach to the exam.

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

The final exam is a test consisting of 30 MCQ. 60% correct answers are required for a positive one. Writing time 1 hour.

6. Other provisions

No accessories are allowed or needed.

7. Fundamental study material and Supplement reading

Text book Vladimir Smrkolj Kirurgija
e-learning

8. Exam topics, clinical presentations and skills

Airway anatomy; indication for the intubation; predictors for difficult ventilation and airway management; use of suoraglotic devices; direct and video assist intubation; determining the suitability size of the tube; Knowledge of basic principles of anesthesia machines and artificial ventilation.

9. Other information

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

- 1. Participating main and guest lecturers**
Professors and assistants from Department of Anaesthesiology and Reanimatology
- 2. Estimated time period in the semester**
April, may 2020
- 3. Maximum number of students for the elective course (if the number of students able to attend the course is limited)**
40
4. The course is conducted in the Slovenian language and is not intended for ERASMUS students.