[Medicinski fakultet u Rijeci]

Curriculum
2022/2023

[Za kolegij]

Transfusion Medicine

Study program:	**Medical Studies in English (R)** [Sveučilišni integrirani prijediplomski i diplomski studij]
Department:	**[Katedra za kliničko-laboratorijsku dijagnostiku]**
Course coordinator:	**prof. prim. dr. sc. Balen Sanja, dr. med.**
Year of study:	**5**
ECTS:	**1.5**
Incentive ECTS:	**0 (0.00%)**
Foreign language:	**Possibility of teaching in a foreign language**

Course information:

The course Transfusion Medicine is a compulsory course on the fifth year of the Integrated Undergraduate and Graduate University Study of Medicine and consists of 20 hours of lectures and 5 hours of seminars, a total of 25 hours; 1.5 ECTS. Lectures and seminars are held in lecture halls of the Faculty of Medicine according to the course schedule.

Course objectives:

The aim of the course is to acquire basic knowledge in the field of transfusion medicine, a unique activity that combines science, biotechnology, medicine, laboratory diagnostics, public health and society as a whole, and as such is not the exclusive domain of transfusion medicine specialists, but other health professionals. who participate in transfusion treatment or use laboratory tests in making diagnoses, as well as all those involved in the promotion and organization of blood donation.

Course content:

General principles of blood donation; Type and characteristics of blood products and plasma derivatives, and indications for their use; Implementing optimal, rational and effective transfusion treatment; Systematic monitoring of transfusion treatment, Laboratory diagnostics in transfusion medicine, Quality control in laboratory diagnostics, Oral anticoagulant therapy.

Teaching:

Classes are held in the form of lectures and seminars. The estimated duration of classes is a total of once a week for 8 weeks. During the seminar, the teacher discusses the specifics of transfusion medicine with students. At the end of the class there will be a written test and an oral final exam. By completing all teaching activities and taking the written test and final exam, the student acquires 1,5 ECTS credits.

List of assigned reading:

Balen S. Fundamentals of transfusion medicine, Faculty of Medicine Osijek 2014, II edition.

List of optional reading:

Harmening DM. Modern Blood Banking & Transfusion Practice. F.A.Davis Company 2017, VII edition.

Curriculum:

Student obligations:

Students are required to attend regularly all forms of classes (on-line or on-site).

Exam (exam taking, description of the written/oral/practical part of the exam, point distribution, grading criteria):

Student grading will be conducted according to the current Ordinance on Studies of the University of Rijeka and the Ordinance on Student Grading at the Faculty of Medicine in Rijeka. Student assessment is performed using ECTS (A-F) and number system (1-5). Assessment in the ECTS system is performed by absolute distribution, and according to graduate assessment criteria.

I. Grades are not earned during classes (small course; 1.5 ECTS)

The student acquires grade points in the following way:

Class attendance is not specifically scored. A student may miss 30% of classes due to health reasons, which is justified by a medical certificate. If a student is unjustifiably absent from more than 30% of classes, he / she cannot continue following the course and loses the opportunity to take the final exam.

II. Final exam (total 100 points)

The final exam consists of a compulsory written and oral part. The written part of the exam carries up to 50 grade points. The oral exam carries 50 grade points.

a) Mandatory written test (up to 50 grade points)

The written test consists of 35 questions, and carries 50 grade points (the criteria for obtaining points is 50% of correctly solved questions).

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The written test consists of 35 questions, and carries 50 grade points (the criteria for obtaining is 50% of correct answers).

Grade	Grade points	Correct answers
Insufficient	0	0-17
Sufficient	25-29	18-20
Good	30-36	21-25
Very good	37-44	26-33
excellent	45-50	34-35

b) Final oral exam (up to 50 grade points)

Students who have not taken the compulsory written test, as well as students who have not passed the exam threshold, ie have not passed more than 50% of the successfully passed test, do not have the right to take the oral exam (re-enroll in the second year).

To pass the final oral exam and the final grade (including the addition of previously achieved grade points on the mandatory test), the student must be positively graded and achieve a minimum of 50% of correct answers.

The ECTS grading system is defined by the following criteria:

A – 90 - 100% credits B – 75 - 89,9% C – 60 - 74,9% D -- 50 - 59,9% F – 0 - 49,9%

Grades in ECTS grading system are converted in numerical system by the following criteria:

A = excellent (5) B = very good (4) C = good (3) D = sufficient (2) F = insufficient (1)

Other notes (related to the course) important for students:

Teaching contents and all information related to the course as well as exam dates can be found on the Merlin e-learning system and the web of the Faculty of Medicine, Department of Clinical Laboratory Diagnostics. The course schedule may change depending of the epidemiological situation and the current recommendations in Croatia.

COURSE HOURS 2022/2023
Transfusion Medicine

List of lectures, seminars and practicals:

EXAM DATES (final exam):
