

ETHICAL ISSUES IN INTENSIVE CARE MEDICINE	
GENERAL INFORMATION	
Course coordinator	Asst. Prof. Ivana Haršanji Drenjančević, MD, PhD
Assistant/Associate	Professor Slavica Kvolik, MD, PhD Professor Vesna Milas, MD, PhD Gordana Kristek, MD, PhD Višnja Ikić, MD
Study Programme	Integrated undergraduate and graduate university study of Medicine
Status of the course	Elective
Year of study, semester	6th year, 11th semester
ECTS	2
Workload (hours)	Lectures (12); Seminars (10); Exercises (3)
Expected number of students	30
COURSE DESCRIPTION	
Course objectives	
The ethical dilemmas in the intensive care unit will be presented to students due to making critical decisions involving critical care patients. Students will be also informed how to communicate and inform family members about the patient's condition. They will also learn how to assess the treatment outcomes of critically endangered patients. With the help of course coordinator, they will analyze individual clinical cases, in order to assess the potential benefits of intensive medicine.	
Enrolment requirements and entry competencies	
Passed exams in all previous years of study.	
Learning outcomes at the Programme level	
1.1. 1.2 .2.1. 2.2. 3.2. 3.3. 4.2.	
Learning outcomes (5-10)	
After listening to lectures, seminars and exercises, independent learning and passing the exam, students will: <ol style="list-style-type: none"> 1. acquire competencies for informing family members of critically ill patients and for obtaining consent for the implementation of intensive care procedures 2. be able to assess the patient's condition and choose the direction of treatment: intensive treatment versus palliative care 3. be able to critically evaluate the benefits of intensive care in terminally ill patients 4. be able to argue an opinion on ethical issues related to the treatment of life-threatening patients 5. valorize the economic aspects of prolonged life support in the intensive care unit 6. review competencies for communicating with patients and family members 	
Course content	
Introduction to ethical issues in intensive care medicine. Consent to conduct clinical trials in ICUs. Economic aspects of extended life support in ICUs. Terminal patients in the ICU. Euthanasia in the context of intensive care. Risk of medical error during the implementation of intensive care. Communication with patients and family members. Analysis of hypothetical cases. Ethical issues in neonatal ICU. Ethical issues in pediatric ICU. Complications of intensive care, intensive medicine as opposed to palliative care. Ethical problems in special groups of patients. Involuntary treatment in	

the ICU. Ethical dilemmas in CPR (advanced recommendations). Intensive treatment versus palliative care. Confidentiality of personal data and medical secrecy. Palliative care in the context of intensive care. Analysis of cases from medical practice. Consent to implement intensive treatment (advanced recommendations). Informed consent. Ethical issues related to organ donation. Triage in the admission of patients to the ICU. Literature analysis (seminar papers)

Mode of teaching

Lectures; Seminars; Exercises

Student obligations

Pohađanje svih oblika nastave je obavezno, a student mora pristupiti svim provjerama znanja. Student može opravdano izostati s 30% svakog od oblika nastave. Neodrađena vježba mora se kolokvirati.

Monitoring student work (*alignment of learning outcomes, teaching methods and grading*)

Teaching activity	ECTS	Learning outcome	Student activity	Assessment methods	Grade points	
					Min.	Max.
Pohađanje nastave	0,5	1-6	Class attendance	Record	5	20
Seminars, exercises	1,0	1-6	Presence and active participation in seminars and exercises	Exercises diary	15	30
Final exam	0,5	1-6	Learning for final exam	Assay writing	30	50
Total	2				50	100

Calculation of final grade:

To students who achieved 30 or more points in the final exam points earned during the course are added.

Since the study program schedule descriptive assessment of elective courses, the course leader awards the grade "passed" to a student who achieves 50 or more grade points in the course.

Required reading (available in the library and through other media)

	Number of copies in the library	Availability through other media
1. Jukić M. Etička načela u JIL-u.U: Jukić M i sur., ur. Intenzivna medicina. Zagreb: Medicinska naklada, 2008: 42-55.	0	
2. Kodeks medicinske etike i deontologije Hrvatske liječničke komore.	5	

Additional reading

1. Frković A. Bioetički ogledi o kvaliteti života. Pitanje distanzije i eutanazije. Soc ekol Zagreb 2007; 16 (2-3): 215-229.
2. Pessini L. Distanzija: Do kada produžavati život? Rijeka: Adamić d.o.o., Medicinski fakultet Rijeka, Hrvatsko bioetičko društvo, 2004.

Course evaluation procedures

Anonimna, kvantitativna, standardizirana studentska anketa o predmetu i radu nastavnika koju provodi Ured za kvalitetu Medicinskog fakulteta Osijek.
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Note /Other

E-učenje ne ulazi u norma sate predmeta, ali se koristi u nastavi i sadrži poveznice na različite stranice, video i audio materijale dostupne na mrežnim stranicama.
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