

University of Mostar/Sveučilište u Mostaru

School of Medicine/Medicinski fakultet

Department for Anesthesiology, Reanimatology and Intensive Medicine/Katedra za anesteziiju, reanimaciju i intenzivnu medicinu

Head of Department/Predstojnik katedre: Assistant Professor Zoran Karlović, MD, PhD

Introduction to Intensive Care Medicine course

Course teacher/Voditelj kolegija: Assistant Professor Mirko Mihalj, MD, PhD

Lecture schedule:

Introduction to Intensive Care Medicine

Day	Timing	Class	Topic	Teacher
Wednesday, 12.11.2025	08.15 – 09.00	Lectures	Procedures in ICU	Asst. Prof. Mirko Mihalj
	09.00 – 09.45	Lectures	Focused ultrasonography in the ICU	
	09.45 – 10.30	Lectures	General principles of Mechanical Ventilation	
	10.30 – 11.15	Lectures	Acute Kidney Injury and general principles of Renal Replacement Therapy in ICU	
	11.15 – 12.00	Lectures	Acid-base disorders	
	12.30 – 13.15	Lectures	Acute respiratory failure	
	13.15 – 14.00	Lectures	Nosocomial infections in the ICU	

	14.00 – 14.45	Lectures	What is it like to be a patient in the Intensive Care Unit?	Asst. Prof. Mirko Mihalj
	14.45 – 15.30	Seminar	Clinical Case	
Thursday, 13. 11. 2025.	08.15 – 12.00	Excercises	ICU topics	G1 Dajana Vladić, MD (JIL2 – ICU2) G2. Boris Matić, MD (cardiovasc. ICU)
Friday, 14. 11. 2025.	8:15 – 12:00	exercises	ICU topics	Assistants: G2. Mateo Perić, MD (Neurosurg. ICU) G1. Ivana Bošnjak, MD (JIL1 – ICU1)
	12.15 – 15.15	Seminars		Assistant Ana Milas, MD students

SEMINARS (PPT presentations on Friday, or written essays later):

1. Franca Kloss: **Enteral nutrition,**
2. Yousef Mahmoud: **Parenteral nutrition**
3. Paul Grisemann: **Pulse oximetry and plethysmographic waveform**
4. Laura Karimzadeh Sabooni: **Invasive blood pressure monitoring and waveform**
5. Anna Ivana Paulina Bunoza: **Dopamine and dobutamine (pharmacology and therapeutic indications)**

6. Leonie Schubel: Adrenaline and noradrenaline (pharmacology and therapeutic indications)