

University of Mostar/Sveučilište u Mostaru

School of Medicine/Medicinski fakultet

Department for Anesthesiology, Reanimatology and Intensive Medicine/Katedra za anesteziju, 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**

<b>Day</b>	<b>Timing</b>	<b>Class</b>	<b>Topic</b>	<b>Teacher</b>
<b>Wednesday, 28.01.2026</b>	08.15 – 09.00 09.00 – 09.45 09.45 – 10.30 10.30 – 11.15 11.15 – 12.00 12.30 – 13.15 13.15 – 14.00	Lectures Lectures Lectures Lectures Lectures Lectures Lectures	Procedures in ICU Focused ultrasonography in the ICU General principles of Mechanical Ventilation Acute Kidney Injury and general principles of Renal Replacement Therapy in ICU Acid-base disorders Acute respiratory failure Nosocomial infections in the ICU	Asst. Prof. Mirko Mihalj

	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	
	15:30 – 16:15	Seminar	Clinical case	
<b>Thursday, 29. 01. 2026.</b>	08.15 – 12.00	Excercises	ICU topics	Assistant:  Ivana Bošnjak, MD (JIL – ICU)
<b>Friday, 30. 01. 2026.</b>	8:15 – 12:00	exercises	ICU topics	Assistant:  Manja Spahalić, MD (JIL2 – ICU2)

#### **SEMINARS (written essays):**

1. Klara Sofie Fischer: **Central Venous Catheter: indications and uses**,
2. Moritz Friemel: **Pulmonary Artery Catheter: indications and uses**
3. Leon Ludwig Kuhl: **APACHE II (Acute Physiology and Chronic Health Evaluation II) scoring system: application in ICU**
4. Itahiza Zambrano Marerro: **SOFA (Sequential Organ Failure Assessment) scoring system: application in ICU**
5. Johanna Lotte Kayser: **RASS (Richmond Agitation-Sedation Scale) scoring system: application in ICU**