

Course Title: **Anesthesiology and Intensive Care 2/2**

WL-E6L5.AIC2/2

5 th year /6- year program/

I/II SEMESTER 2023/24

Coordinator /contact: Agnieszka Frączek-Gębczyk agnieszka.fraczek@uj.edu.pl

Responsible person/contact: Janusz Andres, MD, PhD / janusz.andres@uj.edu.pl

Address: Department of Anesthesiology & Intensive Care
Kopernika 17 Street

Year: 5-6

Total number of hours: **30**

Lectures: 8
Seminars: 3
Labs/Practicals: 15
Others (e.g. recitation):
Exams:

Conduct/Dress Code: On intensive care units and surgical units, medical students are expected to dress; clean, neat doctor's uniforms and white changed footwear. Students will not be allowed to enter the operating room unless they are wearing suitable protective clothing: scrub tops, scrubs pants and white, clean shoes /medical scrubs/.

Student's Evaluation:

-credit requirements:

1. Passing the written multiple choice test -the test questions /36 questions/-will be based on the presented subject of the lectures and case material that is discussed during the Clinical Rotation.

-attendance requirements:

1. The presence at seminars during Clinical Rotation /12 hours obligatory/

Each student is obligated to print a student's attendance list available on the website, where teachers will sign every presence on clinical seminars. **Any other form will not be accepted! (separate papers)**

Attendance list should be taken back to the coordinator Agnieszka Frączek-Gębczyk, before the written exam.

-type of the final exam: **1. written multiple choice test – to be scheduled**

-retake information: oral exam, scheduled individually – the date (2 available days) will be posted at Anesthesiology Dept.

Date	Time	Type of classes	N0 of hours	Group	Topic	Teacher	Place
05.12.23	17:00-17:30	Lec. I	1	Whole class	Cardiovascular management in CCU- diagnosis, monitoring and treatment. Diagnosis and treatment of the shock syndrome.	Prof.dr hab. J. Andres	Online : Lecture will be posted on Pegazus Consultaions for lecture on MS Teams at given date
	18.00-18.30		1		Metabolism in critical patient. Dehydratations and electrolyties supply, nutritional failure, principles of parenteral nutrition and enteral feeding. Drugs in ICU. Infections in surgical ICU- preventions, laboratory diagnosis, monitoring -related bacteriemia and sepsis. Toxic and septic shock. Bacterial hospital-aquired pneumonia and VAP.		
	19:15-19:45	Lec. III	1	Whole class	Respiratory failure. Mechanical ventilation in ICU	Lek. Med. A. Jastrzębska	
12.12.23	17:00-17:30	Lec. II	2	Whole class	Gastrointestinal cathastrophe in ICU patients	Dr.med T. Składzień	Online : Lecture will be posted on Pegazus Consultaions for lecture on MS Teams at given date
	18.00-18.30		2		Pain management and sedation in ICU patients. Drugs in ICU patients (pharmacokinetics, pharmacodynamics)	Dr med. M. Kocot-Kępska	
	19:15-19:45		1		ICU patient after Severe trauma. AKI	Dr med. I. Grabowska	

08.01.24	8.00 - 10.15	Sem	3	Whole class		Dr R. Świstek	NSSU Aula
?	15:00-17:15	Lec IV	3	Whole class	Exam		To be scheduled

Due to the COVID-19 situation:

1. only healthy students are allowed to attend classes, any symptoms of infection result in the inability to participate in clinical classes.

2. Before entering the hospital, it is compulsory to have the temperature measured.

3. It is obligatory to wear facemask during whole time at hospital

4. Lectures will be available on the Pegazus platform the day before given in the syllabus, on the day scheduled for the lecture, online consultation is available on the MS Teams platform with the lecturer.

Clinical Rotation /5- th year-6 year program/

GROUP 1 - 2023/2024

Clinical Rotations start at 7:45 am in all clinics except NSSU-8:30 am

Date/Gr	I	II	III	IV	V	VI	VII	VIII	IX	X
21.11.	GIN	PED	NSSU	NSSU	TORAC					
22.11.		GIN	PED	NSSU	NSSU	TORAC				
23.11.			GIN	PED	NSSU	NSSU	GIN			
24.11.				GIN	PED	NSSU	NSSU	TORAC		
28.11.					GIN	PED	NSSU	NSSU	TORAC	
30.11.						GIN	PED	NSSU	NSSU	TORAC
01.12.	GIN						GIN	PED	NSSU	NSSU
05.12.	NSSU	TORAC						GIN	PED	NSSU
07.12.	NSSU	NSSU	TORAC						GIN	PED
08.12.	PED	NSSU	NSSU	GIN						GIN

GROUP 2 – 2023/2024

Date/Gr	I	II	III	IV	V	VI	VII	VIII	IX	X
02.10.	GIN	PED	NSSU	NSSU	TORAC					
03.10.		GIN	PED	NSSU	NSSU	TORAC				
04.10.			GIN	PED	NSSU	NSSU	GIN			
05.10.				GIN	PED	NSSU	NSSU	TORAC		
11.10.					GIN	PED	NSSU	NSSU	TORAC	
12.10.						GIN	PED	NSSU	NSSU	TORAC
17.10.	GIN						GIN	PED	NSSU	NSSU
18.10.	NSSU	TORAC						GIN	PED	NSSU
19.10.	NSSU	NSSU	TORAC						GIN	PED
20.10.	PED	NSSU	NSSU	GIN						GIN

GROUP 3 – 2023/2024

Date/Gr	I	II	III	IV	V	VI	VII	VIII	IX
24.10.	GIN	PED	NSSU	NSSU	TORAC				
25.10.		GIN	PED	NSSU	NSSU	TORAC			
03.11.			GIN	PED	NSSU	NSSU	GIN		
07.11.				GIN	PED	NSSU	NSSU	TORAC	
08.11.					GIN	PED	NSSU	NSSU	TORAC
09.11.	GIN					GIN	PED	NSSU	NSSU
12.12.	NSSU	TORAC					GIN	PED	NSSU
14.12.	NSSU	NSSU	TORAC					GIN	PED
15.12.	PED	NSSU	NSSU	GIN					GIN

GROUP 4 – 2023/2024

Date/Gr	I	II	III	IV	V	VI	VII	VIII	IX
06.10.	GIN	PED	NSSU	NSSU	TORAC				
10.10.		GIN	PED	NSSU	NSSU	TORAC			
13.10.			GIN	PED	NSSU	NSSU	GIN		
26.10.				GIN	PED	NSSU	NSSU	TORAC	
27.10.					GIN	PED	NSSU	NSSU	TORAC
14.11.	GIN					GIN	PED	NSSU	NSSU
15.11.	NSSU	TORAC					GIN	PED	NSSU
16.11.	NSSU	NSSU	TORAC					GIN	PED
17.11.	PED	NSSU	NSSU	GIN					GIN

Addresses of Departments and meeting points:

TORAC - Thoracic Surgery Dept. ICU, Prądnicza 80 Str- in front of ICU, pavilion M-I

PED - Institute of Pediatrics, Wielicka 265 Str., ground floor, in front of surgical theatre

GIN - Institute of Gynecology and Obstetrics, Kopernika 23 Str., Anesthesia room: ground floor, in the left wing of the building, second door on the left

NSSU – Surgical Theatre (wing F, floor +2) on Jakubowski Street 2.

Doctors to contact:

NSSU - dr R. Świstek

TORAC – dr med. M. Ziętkiewicz

PED – Prof. dr hab. K. Kobylarz

NSSU (The New Location of the University Hospital in Kraków-Prokocim) on Jakubowski Street 2.

Travel is best by tram nr 3, 9, 12 or bus nr 133, 143, 144, 163, 173, 183, 204, 224, 244, 274, 301, 304, 314 or 503 – bus/tram stop „Prokocim Szpital”. It is possible to access the Hospital directly by buses 143, 183 and 314 – bus stop „Instytut Pediatrii”. Notice the hospital is about a 10 minute walk from the bus/tram stop „Prokocim Szpital”.

Classes will be held in ICU (wing F, floor +2). The easiest way to access the ward is by entering the Hospital via Entrance nr 2 (showed below), near the Emergency Room (SOR).



Good luck!

Books/literature

1. **Oh's Intensive Care Manual** Andrew D Bersten , Neil Soni, seventh edition
2. Advanced Life Support – guidelines [//www.erc.edu/index.php/als_overview/pl](http://www.erc.edu/index.php/als_overview/pl)
3. Basic Life Support and AED – Guidelines [//www.erc.edu/index.php/bls_aed_overview/pl/](http://www.erc.edu/index.php/bls_aed_overview/pl/)