



SFZG

17TH CONGRESS OF INTENSIVE CARE MEDICINE WITH INTERNATIONAL PARTICIPATION

**INTERSECTIONAL MEETING OF CROATIAN
AND SLOVENIAN INTENSIVISTS**

UMAG, 1.-3. X 2026.



ORGANISERS

- Croatian Medical Council - www.hlz.hr
- Croatian Society for Intensive Care Medicine - hdim.hlz.hr
- Clinical department for anesthesiology, resuscitation and intensive care medicine, University hospital *Dubrava*, Zagreb, Croatia - www.kbd.hr
- University of Zagreb School of dental medicine - sfzg.unizg.hr

ORGANISING COMMITTEE

President: Jasminka Peršec

Members: Nikola Bradić, Tomislav Breitenfeld, Ivana Haršanji Drenjančević, Vjeran Leventić, Milica Lukić, Irena Sokolović Jurinjak, Andrej Šribar

SCIENTIFIC COMMITTEE

President: Jasminka Peršec

Members: Daniela Bandić Pavlović, Toni Kljaković Gašpić, Rihard Knafelj, Vladimir Krajinović, Matej Podbregar, Alen Protić, Vlatka Sotošek, Dinko Tonković, Petra Turčić, Marinko Vučić

Invited lecturers:

Bandić Pavlović Daniela, MD, PhD, Assoc. prof., Clinical department for anesthesiology, reanimatology, intensive care medicine and pain therapy, University Hospital Centre Zagreb, Croatia

Baronica Robert, MD, PhD, Prim., Clinical department for anesthesiology, reanimatology, intensive care medicine and pain therapy, University Hospital Centre Zagreb, Croatia

Bradić Nikola, MD, Prim., Clinical department for anesthesiology, reanimatology and intensive care medicine, University Hospital Dubrava, Zagreb, Croatia

Breitenfeld Tomislav, MD, PhD, Prof., Clinical department for neurology, University Hospital Centre Sestre Milosrdnice, Zagreb, Croatia

Budišić Mislav, MD, Clinical department for neurology, University Hospital Centre Sestre Milosrdnice, Zagreb, Croatia

Divjak Loredana Patricija, MD, Clinical department for anesthesiology, reanimatology, intensive care medicine and pain therapy, University Hospital Centre Zagreb, Croatia

Dukić Vuković Tanja, MD, Department of pediatrics, University Medical Centre Ljubljana, Slovenia

Friederich Patrick, MD, PhD, Prof., MHBA, Department of anaesthesiology, intensive care medicine, and pain therapy Bogenhausen Hospital Munich, Technical University Munich, Germany

Haršanji Drenjančević Ivana, MD, PhD, Asst. Prof., Clinical department for anesthesiology, resuscitation, critical care and pain treatment, University Hospital Centre Osijek, Croatia

Kereš Tatjana, MD, PhD, Department of internal intensive care medicine, Clinical department for internal medicine, University Hospital Dubrava, Zagreb, Croatia

Knafelj Rihard, MD, PhD, Department of internal intensive care medicine, Clinical department for internal medicine, University Medical Centre Ljubljana, Slovenia

Krajinović Vladimir, MD, PhD, Asst. Prof., Department of intensive care medicine, University Hospital for Infectious Diseases, Zagreb, Croatia

Kuruc Poje Darija, MPharm, PhD, General Hospital „Dr. Tomislav Bardek“, Koprivnica, Croatia, President of EAHP

Kutleša Marko, MD, PhD, Prof., Department of intensive care medicine, University Hospital for Infectious Diseases, Zagreb, Croatia

Lesar Nikola, MD, PhD, Department of anesthesiology, resuscitation, and intensive care medicine, University Hospital for Tumors, University Hospital Centre Sestre Milosrdnice, Zagreb, Croatia

Leventić Vjeran, MD, Clinical department for anesthesiology, resuscitation, critical care and pain treatment, University Hospital Centre Osijek, Croatia

Lukić Milica, MD, President of the Slovenian Society of Intensive Care Medicine, Department of internal intensive care medicine, Clinical department for internal medicine, University Medical Centre Ljubljana, Slovenia

Marić Nikolina, MD, Prim., Department of internal intensive care medicine, Clinical Hospital Sveti Duh, Zagreb, Croatia

Markota Andrej, MD, PhD, Asst. Prof. Department of internal intensive care medicine, University Hospital Center Maribor, Slovenia

Meglič Anamarija, MD, PhD, Asst. Prof., Head of the pediatric palliative care team at the pediatric clinic, University Medical Centre Ljubljana, Slovenia

Mihaljević Dragan, MD, Clinical department for anesthesiology, reanimatology and intensive care medicine, University Hospital Dubrava, Zagreb, Croatia

Mihić Damir, MD, PhD, Asst. Prof., Department of pulmonology and intensive care medicine, University Hospital Centre Osijek, Croatia

Milivojević Nataša, MD, PhD, Department of neurointensive care unit, Clinical department of vascular neurology and neurological intensive care medicine, University Medical Centre Ljubljana, Slovenia

Momčilović Mirna, MPharm, Department of clinical pharmacy, University Hospital Centre Zagreb, Croatia

Nesek Adam Višnja, MD, PhD, Prof., President of the Croatian Society of Emergency Medicine, Clinical department for anesthesiology, resuscitation and intensive care, Clinical Hospital Sveti Duh, Zagreb, Croatia

Peršec Jasminka, MD, PhD, Assoc. Prof., President of the Croatian Society for Intensive Care Medicine, Clinical department for anesthesiology, reanimatology and intensive care medicine, University Hospital Dubrava, Zagreb, Croatia

Planinc Strunaš Natalija, MD, Department of intensive care, Clinic for infectious diseases and feverish conditions, University Medical Centre Ljubljana, Slovenia

Podbregar Matej, MD, PhD, Prof., EDIC, Department of internal intensive care, General Hospital Celje, Slovenia

Protić Alen, MD, PhD, Prof., Head of the Clinical department for anesthesiology, intensive care, and pain therapy, University Hospital Center Rijeka, Vice Dean for Business Relations, Faculty of Medicine, University of Rijeka, Croatia

Sotošek Vlatka, MD, PhD, Prof., Clinical department for anesthesiology, intensive care, and pain therapy, University Hospital Center Rijeka, Croatia

Stojanović Stipić Sanda, MD, PhD, Asst. Prof., Clinical department for anesthesiology, reanimatology and intensive care medicine, University Hospital Centre Split, Croatia

Šoštarič Maja, MD, PhD, Prof., Clinical department for anesthesiology, reanimatology and intensive care medicine, University Hospital Centre Ljubljana, Slovenia

Šribar Andrej, MD, PhD, Asst. Prof., Clinical department for anesthesiology, reanimatology and intensive care medicine, University Hospital Dubrava, Zagreb, Croatia

Tonković Dinko, MD, PhD, Prof., Clinical department for anesthesiology, reanimatology, intensive care medicine and pain therapy, University Hospital Centre Zagreb, Croatia

Trenea Nicevska Marta, MD, University clinic for anesthesiology, reanimation and intensive care, University Clinical Center, Skopje, Macedonia

Vonić Ninoslava, MD, Clinical department for anesthesiology, resuscitation, critical care and pain treatment, University Hospital Centre Osijek, Croatia

Vrbanović Mijatović Vilena, MD, PhD, Asst. Prof., President of the Croatian Society for Regional Anesthesia and Analgesia, Clinical department for anesthesiology, reanimatology, intensive care medicine and pain therapy, University Hospital Centre Zagreb, Croatia

Vučić Marinko, MD, PhD, Asst. Prof., Department for anesthesiology, intensive care medicine and pain medicine, University Hospital Centre Sestre Milosrdnice, Zagreb, Croatia

Vujaklija Brajković Ana, MD, PhD, Asst. Prof., Department of Internal Intensive Care Medicine, University Hospital Centre Zagreb, Croatia

Vuksan Ivan, MD, Clinical department for anesthesiology, intensive care, and pain therapy, University Hospital Center Rijeka, Croatia

Thursday, October 1st 2026.

12⁰⁰-12¹⁵	<i>Jasminka Peršec – President of the CroSICM</i>	<i>Opening word</i>
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Great Pelegrin Hall	Sepsis – surviving it is just the start
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<i>Moderators:</i>	<i>Milica Lukić, Vladimir Krajinović</i>
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12 ¹⁵ -12 ³⁰	Daniela Bandić Pavlović	Ambler classification system of β -lactamasis and antibiotic resistance in ICU
12 ³⁰ -12 ⁴⁵	Nikolina Marić	Primjena ekstrakorporalne purifikacijske terapije u Jedinici intenzivnog liječenja internističkih bolesnika
12 ⁴⁵ -13 ⁰⁰	Milica Lukić	Antimicrobial therapy in sepsis in the era of antibiotic resistance
13 ⁰⁰ -13 ¹⁵	Vladimir Krajinović	Primjena novih antibiotika u liječenju MDR gram negativnih infekcija
13 ¹⁵ -13 ³⁵	Discussion	

Great Pelegrin Hall	Hemodynamics – beyond oxygen delivery
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<i>Moderators:</i>	<i>Marko Kutleša, Nikola Bradić</i>
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13 ³⁵ -13 ⁵⁰	Robert Baronica	Transtorakalni ultrazvuk srca - (ne tako) dobar hemodinamski monitoring u jedinici intenzivne medicine za kirurške bolesnike
13 ⁵⁰ -14 ⁰⁵	Maja Šoštarić	Vasoplegia after heart surgery
14 ⁰⁵ -14 ²⁰	Nikola Bradić	Diastolic dysfunction in acute and critical illness: acute pathophysiology to chronic heart failure
14 ²⁰ -14 ³⁵	Marko Kutleša	Trebamo li respiratornu ECMO mrežu u RH?
14 ³⁵ -14 ⁵⁵	Discussion	

14⁵⁵-15²⁵	Coffee break
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**Great Pelegrin
Hall**

15²⁵-16²⁵

**Discussion panel – Role of supplementary parenteral nutrition in
contemporary intensive care medicine**

Moderator:

Loredana Patricija
Divjak

Panelists:

Ivana Haršanji Drenjančević, Toni Kljaković Gašpić,
Nikolina Marić, Damir Mihić, Marijana Mikačić, Jasna
Špiček Macan, Janja Tarčuković

**Great Pelegrin
Hall**

16²⁵-17²⁵

**Discussion panel - Complexity of decision making in intensive care medicine –
clinical, ethical and legal challenges**

Moderator:

Ivana Haršanji
Drenjančević

Panelists:

Ivan Agnić, Vjeran Leventić, Tomislav Nedić, Alen Protić,
Tina Tomić Mahečić

20⁰⁰

Opening ceremony and welcome cocktails

Friday, October 2nd, 2026.

Great Pelegrin Hall Respiratory failure – state of the art mechanical ventilation

Moderators: *Patrick Friederich, Rihard Knafelj*

09 ⁰⁰ -09 ¹⁵	Rihard Knafelj	CO2 signal in ventilated patient - more than just ET confirmation after intubation
09 ¹⁵ -09 ³⁰	Ivan Vuksan	Lung ultrasound in ICU
09 ³⁰ -10 ⁰⁰	Patrick Friederich	Implementing EIT in perioperative routine: why, for whom, how?
10 ⁰⁰ -10 ³⁰	Patrick Friederich	Protective ventilation strategies in perioperative care
10 ³⁰ -11 ⁰⁰	Discussion	

11⁰⁰-11³⁰ Coffee break

Great Pelegrin Hall Getting oxygen in the blood is just the first part of the story

Moderators: *Vlatka Sotošek, Dinko Tonković*

11 ³⁰ -11 ⁴⁵	Damir Mihić	Evolucija liječenja hiperkapnije u JIL: od maske do membrane
11 ⁴⁵ -12 ⁰⁰	Rihard Knafelj	Is my patient volume responsive? Simple, quick bedside hemodynamic monitoring using what you have at hand
12 ⁰⁰ -12 ¹⁵	Dinko Tonković	Procjena mikrocirkulacije
12 ¹⁵ -12 ³⁰	Vlatka Sotošek	The effect of pulsatile and non-pulsatile cardiopulmonary bypass on endothelial glycocalyx degradation in patients undergoing open-heart surgery
12 ³⁰ -12 ⁴⁵	Sanda Stojanović Stipić	Not All Air Goes Through the Mouth: Emergency Management of the Neck Breather!
12 ⁴⁵ -13 ⁰⁵	Discussion	

Great Pelegrin Hall Discussion panel – Fibrinogen in focus – fibrinogen concentrate or traditional cryoprecipitate?

13 ⁰⁵ -13 ³⁵	Moderator: Jasminka Peršec	Panelists: Višnja Ikić, Vlado Juranko
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13³⁵-14³⁵ Lunch break

Great Pelegrin Hall Seeing things from a different angle

Moderators: *Vilena Vrbanović Mijatović, Ana Vujaklija Brajković*

14 ³⁵ -14 ⁵⁵	Mirna Momičilović	Integracija kliničkog farmaceuta u tim intenzivne medicine: iskustva i perspektive
14 ⁵⁵ -15 ¹⁰	Ana Vujaklija Brajković	Renin kao prognostički čimbenik ukritičnoj bolesti - primjeri iz kliničke prakse
15 ¹⁰ -15 ²⁵	Daria Kuruc Poje	Klinički farmaceut u A-timu: doprinos liječenju sepse
15 ²⁵ -15 ⁴⁰	Vilena Vrbanović Mijatović	AI in Intensive Care: Decision Support or Decision Replacement?
15 ⁴⁰ -16 ⁰⁰	Discussion	

Mediterranean Room Advanced respiratory monitoring workshop

15 ⁰⁰ -15 ⁴⁵	Patrick Friederich	EIT in the OR, case scenarios
15 ⁴⁵ -16 ³⁰	Patrick Friederich, Emilio Carmignotto	EIT on the live model
16 ³⁰ -17 ⁰⁰	Q&A	

Mediterranean Room Advanced venous access workshop

17 ⁰⁰ -17 ⁴⁵	Natalija Planinc Strunjaš	How to integrate MAC, PI-CVC and PICC catheters into ICU vascular access protocols?
17 ⁴⁵ -18 ⁰⁰	Q&A	

Great Pelegrin Hall Every perfusion is important, but cerebral perfusion is most important

Moderators: *Matej Podbregar, Tomislav Breitenfeld*

16 ⁰⁰ -16 ¹⁵	Matej Podbregar	Atrial fibrillation in critically ill- what is the optimal heart rate?
16 ¹⁵ -16 ³⁰	Andrej Markota	Monoclonal antibodies for the treatment of circulatory shock
16 ³⁰ -16 ⁴⁵	Marinko Vučić	Anaesthetic procedures in neurointerventional procedures
16 ⁴⁵ -17 ⁰⁰	Mislav Budišić	Endovascular treatment of SAH related vasospasm
17 ⁰⁰ -17 ²⁰	Discussion	

20⁰⁰ Congress dinner

Saturday, October 3rd, 2026.

Great Pelegrin Hall End of Life Care in Intensive Medicine: Regional Perspectives

Moderators: *Vjeran Leventić, Nataša Milivojevič*

09 ⁰⁰ -09 ¹⁵	Vjeran Leventić	On Paper They Still Have a Chance - What's Stopping Us from Doing What's Right?
09 ¹⁵ -09 ³⁰	Alen Protić	Donošenje konsenzus odluka za terminalne bolesnike
09 ³⁰ -09 ⁴⁵	Ana Marija Meglič, Tanja Dukić Vuković	Uloga palijativne skrbi u jedinici pedijatrijske intenzivne terapije
09 ⁴⁵ -10 ⁰⁰	Nataša Milivojevič	End-of-life decision-making: Theoretical and practical perspectives in Slovenian ICUs
10 ⁰⁰ -10 ³⁰	Discussion	

Great Pelegrin Hall Critical illness from a different perspective

Moderators: *Tatjana Kereš, Andrej Šribar*

10 ³⁰ -10 ⁴⁵	Dragan Mihaljević	Pain modalities in the ICU
10 ⁴⁵ -11 ⁰⁰	Andrej Šribar	Opioids in the ICU - has the time come for a paradigm shift?
11 ⁰⁰ -11 ¹⁵	Tatjana Kereš	ACLF and liver cirrhosis in the ICU
11 ¹⁵ -11 ³⁵	Discussion	

Great Pelegrin Hall Controversies in anesthesia and critical care

Moderators: *Višnja Nesek Adam, Marta Treneva Nicevska*

11 ³⁵ -11 ⁵⁰	Marta Treneva Nicevska	Enhanced Recovery Pathways: General ERAS Principles and Their Role in Bariatric Surgery
11 ⁵⁰ -12 ⁰⁵	Višnja Nesek Adam	Post-ICU syndrome (PICS): the hidden epidemic
12 ⁰⁵ -12 ²⁰	Nikola Lesar	Koagulopatije onkoloških bolesnika
12 ²⁰ -12 ³⁵	Ninoslava Vonić	Oral Antidiabetic Drugs in the Perioperative Period: Should They Be Withheld?
12 ³⁵ -12 ⁵⁵	Discussion	

**Mediterranean
Room**

Short oral presentations (7 min per presentation, 3 min per discussion)

10³⁰-11³⁰

Moderators: Mirna Bobinac, Božidar Duplančić

Iva Henezi Jež	SGLT2 inhibitors and diabetic ketocidosis
Lara Valenčić Serčić	Poisoning with an ACE inhibitor, Beta-Blocker and Benzodiazepines
Lara Valenčić Serčić	Successful early Veno-Venous ECMO Support in Severe Infectious Bronchiolitis in adults
Tamara Murselović	Bubrežna hiperfiltracija u JIL-u – optimiziramo li doze antibiotika?
Sonja Škiljić	Low preoperative adiponectin levels are associated with postoperative systemic inflammatory response following major colorectal cancer surgery
Božidar Duplančić	Is dysthanasia proper end of life care?

11³⁰-12³⁰

Moderators: Tamara Murselović, Sonja Škiljić

Josipa Glavaš Tahtler	The Hidden Prothrombotic and Hemorrhagic Burden of Neoadjuvant Cancer Therapy in Patients with Colorectal Cancer
Ivan Maria Smoday	Holding the Line: Hemodynamic and Coagulation Monitoring During Massive Transfusion in Head and Neck Free Flap Reconstruction in a Patient with Immune Thrombocytopenia
Irena Krajina Kmoniček	A Hidden Pathogen: Sepsis Caused by Schaliaa turicensis in Chronic Hidradenitis
Višnja Stupin, Jelena Orak	Descending Necrotizing Mediastinitis as a Complication of Deep Neck Infection: A Case Report and Review of Diagnostic and Therapeutic Challenges
Veronika Pavlović	Fulminantni nekrotizirajući fascitis- prikaz slučaja
Niikolina Schatzl	Kvantifikacija invazivnih medicinskih uređaja izrađenih od plastike u jedinici intenzivne medicine: retrospektivno opservacijsko pilot-istraživanje

12³⁰-13³⁰

Moderators: Suzana Pečenković, Rihard Knafelj

Nika Zorko Garbajs	Management and outcomes of critically ill subarachnoid hemorrhage patients – single center experience
Suzana Pečenković	Traumatska perforacija traheje i traheomalacija nakon

	otežane intubacije i hitne traheotomije kod pretile pacijentice s anafilaksijom : prikaz slučaja
Mina Šmid, Marko Miklič, Matjaž Groznik	Challenging Management of Massive Arterial Thrombosis Following Andexanet Alfa Administration: A Case Report
Mina Šmid, Rihard Knafelj	Ventilatory Management of Severe Bronchial Obstruction Using Individualised PEEP and ASV: A Case Series
Sanja Berić, Mark Žižak, Tamara Murselović, Višnja Nesek Adam	Implementacija nacionalnih smjernica za prekid mehaničke ventilacije kod pacijenata na samom kraju života
Lea Huić	Fulminantna sepsa nakon ligature hemoroida – prikaz slučaja

Great Pelegrin Hall

Short oral presentations (7 min per presentation, 3 min per discussion)

13⁰⁰-14⁰⁰

Moderators:

Mirjana Lončarić Katušin, Ana Milas

Sandra Brkić Memunić	Od neprepoznate hipertireoze do multiorganskog zatajenja: prikaz slučaja u jedinici intenzivnog liječenja
Ana Milas	Hemodynamic Optimization in Severe Multilevel Spinal Trauma: Maintaining Spinal Cord Perfusion
Bea Hohšteter	BCG sepsa nakon imunoterapije urotelnog karcinoma
Josipa Starčević Baričević	Anafilaktički šok nakon uboda stršljena: prikaz slučaja
Katarina Kovač	Izazovi u poslijeoperacijskom intenzivnom liječenju bolesnika nakon zamjene mitralnog zalistka

14⁰⁰

***Jasminka Peršec -
President of the
CroSICM***

Closing words