



**43rd INTENSIVE MEDICINE DAYS**  
**Friday, December 3th – Sunday, 5th 2021.**

**01.12. -02.12. 2021.**

**Pre-Symposium Course**

**“ Mechanical respiratory support in Covid-19 patients”**

**Wednesday, December 1st**

**Lecturers: J. Kopic, N. Mrzljak – Vučinić, I. Mirković, M. Jurjević**

- 15.00 - 15.30 Mechanical ventilation in patients with ARDS- Basic**  
**15.30. – 16.00 Thromboembolism in Covid-19 patients**  
**16.00 – 16.30 Heart – Lung interactions**  
**16.30 – 17.00 Coffee Break**  
**17.00 – 17.30 Non-invasive mechanical ventilation ( NIV )**  
**17.30 – 18.00 Covid-19 ARDS and mechanical ventilation**  
**18.00 – 18.30 Chronic respiratory support**

**Thursday, December 2nd**

**09.00 – 16.00 WORKSHOPS**

**Lecturers: J. Kopic, N. Mrzljak – Vučinić, I. Mirković, M. Jurjević**

1. High-flow oxygen therapy
2. NIV in acute respiratory failure
3. Heart – Lung interactions
4. Invasive mechanical ventilation (part 1.)
5. Invasive mechanical ventilation (part 2)
6. Electrical impedance tomography (EIT)
7. NIV in chronic respiratory failure
8. Clinical Case Scenario 1
9. Clinical Case Scenario 2

**12.00 – 13.00 LUNCH**

## **43th INTENSIVE MEDICINE DAYS**

### **Thursday, December 2nd**

17.00 – 17.15      **OPENING CEREMONY**

Welcome:          Ass. prof. Višnja Ivančan

**Chair: A. Protić, J. Kopic**

17.15 – 17.45      Covid lessons learned or wellbeing and burnout?

Alexander Niven

17.45 – 18.15      Mechanical ventilation for Covid patients

Richard Oeckler

18.15 – 18.45      The use of automated mode of ventilation in COVID-19

Rihard Knafelj

18.45 – 19.00      DISCUSSION

### **Friday, December 3rd**

**Chair: R. Knafelj, M. Jurjević**

09.00 – 09.30      How to reduce COVID-19 ARDS mechanical ventilation mortality: experience and results from a General Hospital ICU

Jasminka Kopic

09.30 – 10.00      Covid-19 Intensive Care Respiratory Therapy and Outcomes

Alen Protić

10.00 – 10.30      Sevoflurane – Anaconda System for Sedation Patients with COVID-19

Rihard Knafelj

10.30 -10.45      Discussion

**10.45 – 11.15      Coffee Break**

**Chair: D. Tonković, S. Kvolik**

- 11.15 – 11.45 Prolonged mechanical ventilation in severe post covid ICU patients  
Kazimir Juričić
- 11.45 – 12.15 Patient flow and staff turnover in the post-COVID-19 ICU; risk and outcomes  
Slavica Kvolik
- 12.15 – 12.45 Bacterial superinfection in COVID-19 patients treated in ICU KBC Split  
Božidar Duplančić
- 12.45 – 13.00 Discussion

**13.00 – 14.00 LUNCH**

14.00 -14.30 **Thermo Fisher Scientific**

„Procalcitonin (PCT)-guided antibiotic stewardship”

**Višnja Ivančan**

14.30 -15.00 **Eksa Grupa d.o.o.**

“ Home ventilation”

**Mark Elliott**

**Chair: V. Ivančan, B. Duplančić**

- 15.00 -15.30 Intelligent patient-ventilator synchronization  
Francesco Mojoli
- 15.30 – 16.00 Individualized lung protective ventilation – still  
science fiction?  
Matija Jurjević
- 16.00 – 16.30 Dysthanasia in period COVID-19 Pandemic  
Ivana Haršanji Drenjančević
- 16.30 -17.00 Discussion

**19.00 Dinner**

**Saturday, December 4th**

**“MINI SYMPOSIUM OF REGIONAL ANAESTHESIA AND ANALGESIA”**

**Chair: S. Mihaljević, K. Šakić, I.Radoš**

- 09.00 – 09.30 Regional anesthesia and analgesia of COVID-19 patients in opstetrics  
Ivan Šklebar

09.30. – 10.00 New concept of fusion technics in regional anesthesia

Lada Kalagac

10.00 – 10.30 Fascial plane blocks – paradigm shift in regional anaesthesia and early rehabilitation after surgery

Krešimir Oremuš

**10.30 – 11.00 Coffee Break**

**Chair: S. Mihaljević, K. Šakić, I. Radoš**

11.00 – 11.30 Spinal cord stimulation, the last option in pain treatment for failed back surgery syndrome

Ivan Radoš

11.30 – 12.00 Immune response on surgical stress in spinal and general anaesthesia

Kata Šakić

12.00 – 12.30 Discussion

**12.30 – 14.00 – LUNCH**

**14.00 – 17.00 WORKSHOP – MECHANICAL VENTILATION**

**(HAMILTON, DRAEGER, GI)**

**COORDINATOR: J. Kopic, M. Jurjević, N. Mrzljak – Vučinić, I. Mirković**

**17.00 -17.30 Coffee Break**

**Chair: R.Curić-Radivojević, Ž. Čolak**

17.30 – 18.00 Airway management in critically ill patients: life saving or life threatening?

Vincenzo Russotto

18.00 -18.30 Fulminant COVID-19 Pneumonia in a 51-year old Man: Case Report

Nikica Karaković

18.30 – 19.00 The Use of CPAP with high PEEP in young obese patient with difficult COVID-19 ARDS

Selma Pernar

19.00 -19.15 Discussin

**20.00 - Dinner**

**Sunday, December 5th**

**Chair: K. Oremuš, N. Kovač**

09.00 – 09.30 Perioperative neurocognitive disorders: underlying mechanisms suggest novel treatments

Beverley Orser

09.30 – 10.00 Taking care of the injured brain – what's new in neurocritical care

Ines Koerner

10.00 – 10.30 Electroencephalographic Correlates of Consciousness: Insights from Human and Animal Studies

Dinesh Pal

10.30 – 11.00 The Anesthesiologist as Translational Scientist

George Mashour

**11.00 – 11.15 Coffee Break**

**Chair: Z. Čevra, M. Milić**

11.15 – 11.45 Anaesthesia and Cancer

Michael G. Irwin

11.45 – 12.15 Thoracic Aortic Aneurysm: clinical update and major anesthetic consideration

John G.T. Augoustides

12.15 – 12.45 Report about UEMS project

Krešimir Oremuš

**12.45 – 13.00 CLOSING REMARKS**