

Under the High Patronage of His Excellency  
the Minister of Public Health  
Dr. Jamil Jabak

# 12<sup>th</sup> Annual Congress of the Lebanese Society of CRITICAL CARE MEDICINE

March 09 - 10, 2019

Metropolitan Hotel, Beirut - Lebanon



Lebanese Society of  
CRITICAL CARE MEDICINE



**CME**  
**Credits**



*in collaboration with*

- Order of Nurses in Lebanon
- La Société de Réanimation de Langue Française





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## WELCOME LETTER



Dear Colleagues and Friends,

On behalf of the LSCCM Board, it is with great pleasure that I welcome you all to the 12<sup>th</sup> Annual Congress of the Lebanese Society of Critical Care Medicine, held on 09 - 10 March 2019, at the Metropolitan Hotel in Beirut.

This event will bring together all the members of the multi-professional and multi-disciplinary team of Critical Care Medicine.

International and National renowned faculty from Europe, USA and Lebanon were chosen by our Scientific Committee to highlight the most up-to-date, evidence-based developments in the field of Critical Care. We are confident that the presentation of these new insights will create a continuous and rich interaction between the experts and the audience.

We express our warmest thanks to the speakers for accepting to give us part of their precious time and efforts to share their knowledge and experiences with us as well as to the SRLF Board and President, Pr. Alain Mercat, for their ongoing support and for accepting to endorse this meeting.

We forward also our thanks to the pharmaceutical and manufacturing industries. Without their generous support, this meeting would have not been possible. Our appreciation goes also to the organizing company, to all the dedicated staff, colleagues and friends who helped in planning this meeting.

Finally, we truly hope that you will enjoy the congress and that our invited colleagues from abroad will enjoy their visit to our beautiful country, Lebanon.

**Patricia Yazbeck, MD**  
LSCCM President &  
President of the congress



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## COMMITTEES

### LSCCM Board / Organizing Committee

Patricia Yazbeck, MD *President*

Wajdi Abi Saleh, MD *Vice President - President Elect*

Ihab Ibrahim, MD *Secretary*

Ralph Nehme, MD *Treasurer*

Lise Abi Rafeh, MD *Member*

Hani Chahine, MD *Member*

Viviane Chalhoub, MD *Member*

Rita El Jawiche, MD *Member*

Ali Hallal, MD *Member*

### Scientific Committee:

Viviane Chalhoub, MD *Chair of the Scientific Committee*

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Christian Etel, MD

Youssef Haddad, MD

Georges Juvelikian, MD

Hassan Mansour, MD

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Rana Sharara, MD

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## **SPEAKERS LIST**

### **Alain Mercat, MD, PhD**

Professor of Critical Care Medicine -University of Angers, France.  
Chair of the Medical Critical Care Department in Angers University Hospital, France  
Chair of the European research network on acute respiratory failure and mechanical ventilation (REVA),  
President of the French Intensive Care Society (Société de Réanimation de Langue Française - SRLF).

### **Charles-Edouard Luyt, MD**

Professor of Critical Care Medicine - University of Paris 6, France  
Department of Medical Critical Care at Institute of Cardiology, La Pitié-Salpêtrière University Hospital, Paris, France  
General Secretary of the French Intensive Care Society (SRLF)

### **Dimitris Georgopoulos, MD, PhD**

Professor of Medicine - University of Heraklion (Crete), Greece  
Head of the Department of Intensive Care Medicine at the University Hospital of Heraklion (Crete), Greece

### **Eduardo Mireles, MD**

Assistant professor of pulmonary and Critical Care Medicine at the Cleveland Clinic Lerner College of Medicine of Case Western Reserve University.  
Director of the Medical Intensive Care Unit at the Cleveland Clinic Ohio - United States  
Medical Director of the Simulation and Advanced Skills Center

### **Fekri Abroug, MD**

Professor of Critical Care & Emergency Medicine - Monastir University, Tunisia  
Chair of the Critical Care & emergency Medicine Department at Fatouma Bourguiba University Hospital, Monastir- Tunisia  
Vice-President of the French intensive Care Society (SRLF)



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## SPEAKERS LIST

### Georges Dabar, MD

Assistant Professor of Pulmonary and Critical Care Medicine - Saint Joseph University, Lebanon  
Associate Medical Director at Hotel-Dieu de France University Hospital, Beirut, Lebanon  
Department of Pulmonary and Critical Care Medicine, at Hotel-Dieu de France University Hospital, Beirut, Lebanon

### Janos Fazakas, MD, PhD

Associate Professor - University of Semmelweis, Budapest, Hungary  
Head of ICU Department at Summelweis University Hospital, Budapest, Hungary  
Department of Transplantation & Surgery at Semmelweis University Hospital, Budapest, Hungary

### Joe Zein, MD, MBA, PhD

Assistant professor of pulmonary and Critical Care Medicine at the Cleveland Clinic Lerner College of Medicine of Case Western Reserve University, Ohio - United States  
Board certified in Internal Medicine, Pulmonary, Critical Care medicine, Sleep Medicine and Clinical informatics.  
Member of the Asthma center and the Asthma research team.  
Department of Pulmonary Medicine at the Cleveland Clinic, Ohio - United States

### Mariane Majdalani, MD

Professor of Pediatrics and Pediatric Critical Care  
Head of Division of Pediatric Critical Care  
American University of Beirut Medical Center - Lebanon

### Matteo Bassetti, MD

Professor of Infectious Diseases  
School of Medicine and Postgraduate School of Infectious Diseases of the University of Udine, Italy  
Chair of the Infectious Diseases Division of the Santa Maria Misericordia University Hospital, Udine, Italy.

### Michel Mawad, MD

Dean and Professor of Neuro-Radiology at the Gilbert and Marie-Rose Chagoury School of Medicine, Lebanese American University, Lebanon  
Department of Neuro-Radiology at Rizk University Hospital ( LAUMC-RH ), Beirut - Lebanon



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## SPEAKERS LIST

### **Nicolas Mongardon , MD, PhD**

Assistant Professor of Anesthesiology and Surgical Critical Care - University of Paris-Est - Creteil, France  
Division of Anesthesia and Cardio-Vascular Surgical Critical Care at Henri Mondor University Hospital, Creteil- France

### **Rana Sharara, MD, FAAP**

Associate Professor of Pediatrics and Pediatric Critical Care - American University of Beirut ( AUB ), Lebanon  
Director, Pediatric Residency Program  
Director, Simulation Program  
Department of Pediatrics and Adolescent Medicine at the American University of Beirut Medical Center ( AUBMC ), Beirut - Lebanon

### **Rima Moghnieh, MD**

Clinical Professor of Medicine and Infectious Diseases - Beirut Arab University  
Department of Infectious Diseases and Head of Antimicrobial Stewardship at Makassed General Hospital, Beirut, Lebanon

### **Sandrine Deltour, MD**

Neurologist  
Division of the Cerebro-Vascular Emergencies, La Pitié-Salpêtrière University hospital, Paris, France

### **Teresa Klaus, MD**

Specialist in Anesthesia and Intensive Care, Department of Anesthesiology, University Hospital (LMU) of Munich, Germany  
Master of Business Administration from Middlesex University. London  
At present: Senior Manager for Cytosorbents Therapy Management, Europe

### **Xavier Monnet , MD, PhD**

Professor of Critical Care Medicine - University of Paris-Sud, France  
Department of Medical critical Care, Le Kremlin-Bicêtre University Hospital, Paris- France



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Saturday, March 09, 2019

CME Credits

DUBAI HALL

07:30 - 08:30 Registration

08:30 - 10:05 Session I: ARDS

**Moderators: Wajdi Abi Saleh - Moussa Riachi - Ali Hallal**

08:30 - 08:50	ARDS: New Guidelines	Alain Mercat, MD
08:50 - 09:10	Hemodynamic Monitoring in ARDS Patients	Nicolas Mongardon, MD
09:10 - 09:30	ECMO in ARDS: The Current Paradigms	Alain Mercat, MD
09:30 - 09:55	Understanding PAV and its Clinical Use	Eduardo Mireles, MD
09:55 - 10:05	Discussion	

10:05 - 10:35	The Product and the Therapy in Various Indication Introduction to CytoSorb Therapy <i>Symposium Sponsored by CytoSorbents</i>	Teresa Klaus, MD
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10:35 - 11:00 Coffee Break

11:00 - 12:10 Session II: Infection Control

**Moderators: Georges Juvelikian - Christian Etel - Nathalie Rizk**

11:00 - 11:20	Biomarkers in Sepsis	Charles-Edouard Luyt, MD
11:20 - 11:40	Optimizing Antibiotic Treatment in ICU	Matteo Bassetti, MD
11:40 - 12:00	National Program for Combating Antimicrobial Resistance	Rima Moghnieh, MD
12:00 - 12:10	Discussion	

12:10 - 12:50	Latest Evidence and Guidelines on New Antibiotics: Which, When and How ? <i>Symposium Sponsored by MSD</i>	Matteo Bassetti, MD
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12:50 - 13:30 Opening Ceremony & Visit of the Exhibit

- National Anthem	
- Master of Ceremony	Dr. Lise Abi Rafeh
- Address of the President of LSCCM	Prof. Patricia Yazbeck
- Address of the President of the Order of Nurses	Dr. Mirna Doumit
- Address of the President of The Lebanese Order of Physicians in Beirut	Prof. Raymond Sayegh
- Address of His Excellency The Minister of Public Health	Dr. Jamil Jabak
- Address of the President of the French Intensive Care Society (SRLF) "Les défis actuels de la Réanimation"	Prof. Alain Mercat
- Tribute	Prof. Patricia Yazbeck



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13:30 - 14:30 Lunch Break

## 14:30 - 15:40 Session III: Acute Ischemic Stroke

**Moderators: Halim Abboud - Sami Slaba - Roudy Nawar**

14:30 - 14:50 Diagnosis of Acute Ischemic Stroke:  
Tic, Toc, Goes the Clock... Sandrine Deltour, MD

14:50 - 15:10 Radiological Imaging in Acute Ischemic Stroke:  
How do we Know for Sure? Michel Mawad, MD

15:10 - 15:30 Thrombolysis and Thrombectomy:  
Early Steps of Treatment Sandrine Deltour, MD

15:30 - 15:40 Discussion

15:40 - 16:20 Lipids in Parental Nutrition  
*Symposium Sponsored by Baxter* Georges Dabar, MD

16:20 - 16:50 Coffee Break

## 16:50 - 18:00 Session IV: Post- Cardiac Arrest Syndrome

**Moderators: Micheline Bou Khalil - Bernard Gerbaka - Youssef Haddad**

16:50 - 17:10 Post-Cardiac Arrest Syndrome:  
When Everyone Relies on You Charles-Edouard Luyt, MD

17:10 - 17:30 Pediatric Brain Injuries: New Horizons  
Mariane Majdalani, MD

17:30 - 17:50 Neuroprotection After Cardiac Arrest: Is it Worth it ?  
Charles-Edouard Luyt, MD

17:50 - 18:00 Discussion





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**Sunday, March 10, 2019**

**CME Credits**

**DUBAI HALL**

**08:00 - 09:00 Registration**

**09:00 - 10:10 Session V: Hemodynamics**

**Moderators: Fayez Abillamah - Zeina Kadri - Anthony Ghosn**

09:00 - 09:20	How to Individualize Monitoring in ICU Patients ?	Nicolas Mongardon, MD
09:20 - 09:40	Alternatives to Catecholamines	Xavier Monnet, MD
09:40 - 10:00	Alternatives to the Swan Ganz Catheter: Do we Finally Have any ?	Nicolas Mongardon, MD
10:00 - 10:10	Discussion	

10:10 - 10:40	Lung Stress and Strain During Mechanical Ventilation and Applications in Clinical Practice <i>Symposium Sponsored by Medtronic</i>	Dimitris Georgopoulos, MD
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**10:40 - 11:10 Coffee Break**

11:10 - 11:40	Clinical Utility of Procalcitonin in Sepsis Management and Antibiotic Stewardship <i>Symposium Sponsored by Thermo Fisher</i>	Janos Fazakas, MD
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**11:40 - 12:50 Session VI : Difficult Weaning**

**Moderators: Pierre Bou Khalil - Fadlo Sayegh - Lamia Besbes**

11:40 - 12:00	Difficult Weaning from Mechanical Ventilation	Fekri Abroug, MD
12:00 - 12:20	Diaphragmatic Dysfunction: Behind the Scenes	Eduardo Mireles, MD
12:20 - 12:40	Treatment of Severe COPD Exacerbation: New approaches?	Fekri Abroug, MD
12:40 - 12:50	Discussion	



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DUBAI HALL

12:50 - 14:00 Session VII: Miscellaneous

**Moderators: Rana Yamout - Rani Abou khouzam - Carlos Njeim**

12:50 - 13:10	Pediatric Palliative Care: At the Frontier of a Better Quality of Life	Rana Sharara, MD
13:10 - 13:30	Left Ventricular Dysfunction in COPD Exacerbations	Fekri Abroug, MD
13:30 - 13:50	Mechanically Ventilating Patients with Severe Asthma; Role of HELIOX	Joe Zein, MD
13:50 - 14:00	Discussion	

14:00

Adjourn



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## NURSES PROGRAM

**4 CNE Credits**

**BRAY HALL**

Saturday, March 09, 2019

**08:00 - 08:30 Registration**

### **08:30 - 10:35 Session I**

**Moderators: Christelle Kachouh - Hasan Shouaib**

08:30 - 08:50	HUSH program (Help Us Support Healing)	Nathalie Bou Chrouh, BSN, CNS
08:50 - 09:20	Anxiété des patients admis en Unité de Soins Intensifs: Perception des Patients et de L'équipe Infirmière	Tamine Mhanna, RN, MSN
09:20 - 09:50	Stroke	Nadia Wakim, RN, BSN, MPH
09:50 - 10:35	Discussion	

**10:35 - 11:00 Coffee Break**

### **11:00 - 12:50 Session II**

**Moderators: Diala Lichaa - Hasan Shouaib**

11:00 - 11:30	Deceased Organ Donation: The Essential Role of the Critical Care Nurses	Farida Younan, RN, MSN, National Coordinator, NOD-Ib
11:30 - 11:50	Post-Cardiac Arrest Syndrome: Management and Nurses' Role	Hasan Shouaib, RN, MSN
11:50 - 12:10	Major Complications and Nursing Care for Patients with Left Ventricular Assist Device (LVAD), and Sharing an Experience	Ibrahim Ayoub, RN, MSN
12:10 - 12:30	Impact de L'éducation Thérapeutique du Patient Insuffisant Cardiaque sur sa Qualité de Vie	Rita Akiki, BSN, MSc GSS
12:30 - 12:50	Discussion	

**12:50 - 13:30 Opening Ceremony - DUBAI HALL**

**13:30 - 14:30 Lunch Break**



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## NURSES PROGRAM

**4 CNE Credits**

BRAY HALL

Saturday, March 09, 2019

### 14:30 - 15:50 Session III

**Moderators: Aline Hossny - Hasan Shouaib**

14:30 - 14:50	Risk Management in Surgical Critical Patients	Mohammad Deek, RN, MSN
14:50 - 15:10	The Effect of Manual Resuscitation Bag Versus Mechanical Hyperoxygenation on the Incidence of Suctioning Associated Hypoxemia, in Critically Mechanically Ventilated Patients	Nisrine Hayek, RN, MSN
15:10 - 15:30	The Role of Nursing Leaders in Utilizing Evidence Based Practice in Critical Care Units	Farah Jabak, BSN, MSc in HCQM
15:30 - 15:50	Discussion	

The Lebanese Society of Critical Care Medicine  
Would Like to Thank the Below Sponsors  
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