



MAY 2 - 4, 2019 | AUB

# THE PERIOPERATIVE MULTIDISCIPLINARY CARE OF THE HIGH RISK SURGICAL PATIENT: STEPPING OUTSIDE OF THE COMFORT ZONE

SYLLABUS



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# A Message from the Chairperson of the Assembly

It is a great pleasure to welcome you to the 50<sup>th</sup> Middle East Medical Assembly (MEMA) to be held May 2<sup>nd</sup> to 4<sup>th</sup> at the American University of Beirut.

MEMA began in the 1950s and continues to this day to be a leading conference in Lebanon and the region. MEMA's theme for this year is "The Perioperative Multidisciplinary Care of the High-Risk Surgical Patient: Stepping outside the Comfort Zone".

The scientific committee has put together a very rich program that should be attractive to most disciplines. The topics covered include cardiac risk assessment and scoring systems, perioperative infections and antimicrobial management, renal risk reduction, perioperative endocrine dilemmas, ECMO, operating rooms crisis management and anesthesia dilemmas, frailty, high risk surgical procedures in neurosurgery, bariatric surgery, hepato-biliary surgery, cardiac and thoracic surgery, vascular surgery, trauma, urology, plastic, and orthopedic surgery along with challenging dilemmas in caring for the pediatric patient and advances in intra and postoperative monitoring. These exciting topics will be covered by a plethora of international and national renowned speakers from the US, Europe and the region. The program is supplemented by several hands-on workshops related to point of care ultrasounds, crisis resource management, cardiac echocardiography, patient blood management and ECMO.

We trust you will find the scientific program valuable and interesting and hope you will have a memorable time in Beirut!

**Jamal J. Hoballah, MD, MBA, FACS**

Chairperson  
50<sup>th</sup> MEMA

**Marie Aouad Maroun, MD**

Scientific Committee Chairperson  
50<sup>th</sup> MEMA

# Message from AUB President Fadlo R. Khuri, MD

Welcome to this landmark 50th edition of the Middle East Medical Assembly at the American University of Beirut.

These annual gatherings, a highlight of our academic year, are directly in line with the educational ethos of lifelong learning espoused at AUB. Lifelong learning is an important part of being a well-rounded individual and an informed citizen of the world; but for healthcare professionals it is an absolute necessity. Continuous medical education is critically important for refining skills and keeping up with the latest advancements in treatment and prevention, which is exactly what MEMA does every year.

This university first held biannual medical conferences starting in 1911, bringing in experts from around the world. This was at a time when information moved at the pace of ships, trains, and horses, and face-to-face contact was one of the best ways to learn about advancements in medical knowledge and practice.

Although we now have a vast array of digital resources and instantaneous information at our fingertips, conferences such as MEMA offer something more. Sharing, discussing, and debating are not as easily achieved in the digital realm and can lead to a more robust understanding as well as suggest new directions for research and innovation. These gatherings also provide a venue to meet new colleagues, research collaborators, and professional friends. MEMA can be especially useful for meeting people from different fields and specialties, which is a boon for interdisciplinary research.

This year's exciting theme of perioperative care for high-risk surgical patients is obviously of great interest to a wide variety of disciplines, as evidenced by the impressive line-up of national and international speakers. They are addressing a plethora of topics covering the full spectrum of preoperative, intraoperative, and postoperative management of high-risk surgical patients. The scientific program is also supplemented by several hands-on workshops which promise to be very engaging.

The subtheme of this conference is "stepping outside the comfort zone" which is something that is of the utmost importance, not only in medical education but in all fields. If we don't push the boundaries, question assumptions, and critically analyze our methods then we will never advance beyond our current knowledge. We have made extraordinary advancements in the past century in terms of surgical methods and outcomes, but we know that there is always room for improvement. The fact that such improvements may mean a human being is allowed more time to spend with their loved ones and fulfill their dreams is an incredible motivating factor.

I urge you all to seize the opportunities at MEMA 2019 to seek out new knowledge, to meet new people in different disciplines and specialties, to challenge assumptions, and to step outside your own comfort zone.

**Fadlo R. Khuri, MD**  
AUB President

# Message from the Executive Vice President for Medicine and Global Strategy and Raja N. Khuri Dean of the Faculty of Medicine Mohamed H. Sayegh, MD

For more than a century, we have existed as a leading medical institution whose purpose extends beyond providing healthcare to providing it with advancement and compassion. Keeping pace with the vigorous progress in healthcare, we cannot claim to maintain our leadership without meeting the challenges offered to us every day with ardor and a great will to embrace all what comes our way.

MEMA 2019 serves the goal of supporting the provision of health services while studying the increasing risks of perioperative complications that should be suspected, recognized, and managed in the perioperative period to minimize postoperative morbidity and mortality.

For many patients, optimal perioperative care may require little or no additional medical management beyond that given by the anesthetist and surgeon. However, the continued existence of surgical patients at high risk for morbidity and mortality indicates an ongoing need to identify such patients and deliver optimal care throughout the perioperative period.

Today, we aim, and through such a conference, to provide practitioners with the most up-to-date knowledge necessary to deliver to patients who undergo surgical procedures the best possible practices, while tapping into the medical complexity faced because of the increasing numbers of this patient population. The next step is for us to collate all of the efforts generated by many of you to lead the process of moving forward. It has to be participatory and comprehensive; yet focused, efficient and effective.

During the last decade, MEMA has presented itself as an integral part of the academic mission of our Faculty of Medicine and Medical Center that provides an unmatched platform for the exchange of medical expertise in the region. I hope that you have a rewarding experience at this year's MEMA and that you maximize this opportunity to learn, share, and shape the delivery of healthcare to patients across the entire region.

**Dr. Mohamed H. Sayegh**

Executive Vice President for Medicine and Global Strategy and Raja N. Khuri Dean of the Faculty of Medicine at AUB

# 50<sup>th</sup> MEMA Committee

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# Program Overview

MEMA 2019's focus on perioperative care of high-risk surgical patients is in line with the proper recognition of the complexity of care of such patients from admission till discharge. The current practice of perioperative and critical care medicine is increasingly characterized by high-risk patients with advanced age and co-morbidities for an ever-growing spectrum of surgical interventions in and out of the operating rooms and the increase in preparedness of dealing with high-risk surgical patients along with the advancement in technology.

Why Perioperative Care of High-Risk Surgical Patients? Simply because it involves preoperative, intraoperative, and postoperative care. Preoperative care presents accurate and timely preoperative identification of high-risk surgical patients and widens the scope of opportunities to better inform these patients about expected risks. Preoperative assessment will dictate special preoperative optimization of the patient's condition and special intraoperative care. Intraoperative care will require special anesthesia monitoring and special types of anesthesia. Surgical intraoperative care may also be modified to accommodate for the high-risk condition. Different operations may be performed such as minimally invasive, endovascular or hybrid.

Furthermore, there are operations that are themselves very high-risk even in someone who is not a high-risk patient and these require special approaches by the surgeons and anesthesiologists to be able to navigate through the risks. Finally, sophisticated postoperative care is imperative to make sure all the hard efforts placed preoperatively and intraoperatively are not gone to waste and that the patient is well managed to make sure his/her system recovers from the stress of the surgery.

## Program Highlights:

MEMA 2019, as such, presents itself as a succinct, problem-oriented source of practical information, based on current best evidence and content-expert experience of leading clinicians in various topics including preoperative optimization, intraoperative monitoring and advances for safe anesthetic care, and intraoperative surgical techniques to address high-risk surgical patients and intraoperative high-risk surgeries. It also provides full spectrum of preoperative, intraoperative, and postoperative management of high-risk surgical patients to ensure advanced postoperative intensive care and long term care and superior outcomes based on new techniques such as those that are minimally invasive and hybrid. Perioperative care guides the multidisciplinary team involved to optimize the chances for better informed decisions related to further selective referrals to medical specialists before surgery, further specialized preoperative investigations, and preoperative interventions initiatives that are intended to decrease perioperative risk and arrange for appropriate levels of postoperative care.

## Date and Venue

The assembly is held from May 2 to 4, 2019 at the American University of Beirut premises, Beirut, Lebanon.

## Objectives

**At the end of this congress, participants will be able to:**

- Discuss definitions and risk scoring systems of the high-risk surgical patients
- Discuss preoperative assessment methodologies and risk reduction strategies encompassing a wide spectrum of medical specialties
- Discuss team dynamics and preparedness for optimal perioperative care of the high-risk patient
- Describe perioperative dilemmas and discuss decision-making strategies
- Describe perioperative crisis scenarios and discuss multidisciplinary approaches
- Discuss new surgical and anesthesia techniques, as well as new technical advancements in the perioperative field

## Target Audience

This annual scientific meeting has been designed for local, regional and international health providers. All medical specialties such as Anesthesiology, Pain Management, Cardiology, Critical Care, Emergency Medicine, Endocrinology, Family Practice, Hematology / Oncology, Infectious Disease, Internal Medicine and Subspecialties, Neurology, Neurosurgery, Nursing, Ophthalmology, Orthopaedics, Pediatrics, Psychology / Psychiatry, Pulmonology, Radiology, Rheumatology/ Immunology, Surgery, as well as Allied Health Professionals, Social Workers, Nurse Practitioners, Pharmacists, Dieticians, Physician Assistants, Professors, Rehabilitation staff, Residents/Fellows, and students will benefit from this diverse program.

## Accreditation Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the Cleveland Clinic Foundation Center for Continuing Education and the American University of Beirut Medical Center (AUBMC). The Cleveland Clinic Foundation Center for Continuing Education is accredited by the ACCME to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center for Continuing Education designates this live activity for a maximum of 23.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Participants claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association for Category 2 credit.

## Disclaimer

The information in this educational activity is provided for general medical education purposes only and is not meant to substitute for the independent medical judgment of a physician relative to diagnostic and treatment options of a specific patient's medical condition. The viewpoints expressed in this CME activity are those of the authors/faculty. They do not represent an endorsement by The Cleveland Clinic Foundation. In no event will The Cleveland Clinic Foundation be liable for any decision made or action taken in reliance upon the information provided through this CME activity

## Lebanese Order of Physicians Statement

MEMA complies with the Lebanese Order of Physicians' Continuing Medical Education guidelines.

## Grantor Acknowledgment

The Cleveland Clinic Foundation Center for Continuing Education and the American University of Beirut Medical Center acknowledge educational grants for partial support of this activity from: -  
Boston Scientific

## In-Kind Grant

The Cleveland Clinic Foundation Center for Continuing Education and the American University of Beirut Medical Center acknowledge an in-kind educational grant for support of this activity from:  
GME  
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## Faculty Disclosure Statement

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The following faculty have indicated that they may have a relationship, which in the context of their presentation(s), could be perceived as a potential conflict of interest:

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<b>Mathew Howard, MD</b>	KLS Martin	Consulting Intellectual property rights (Royalties or patent sales)
<b>Axel Hofmann, MD</b>	Vifor Pharma Ltd.  Instrumentation Laboratory	Consulting Teaching and Speaking Consulting Teaching and Speaking
<b>Pascal Jabbour, MD</b>	MicroVenton Cerenovus	Consulting Research grant

The following faculty have indicated they have no relationship which, in the context of their presentation(s), could be perceived as a potential conflict of interest:

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### Evaluation Form and CME Certificate

The evaluation and the ability to claim CME credits will be available online approximately 20 working days after the event. An e-mail from AUB CME Office will be sent to you with instructions for claiming *AMA PRA Category 1 Credits™*, and you will have 60 days following the activity to claim credits.

### Important Notes:

The same e-mail address which was used for registration and where you receive the e-mail and instructions from AUB CME office will need to be used in order to claim credits.

### Gala Dinner

A grand gala dinner is scheduled for Friday, May 3, 2019 at 8:00 pm at Music Hall, Beirut. All profits go to support medical students' scholarship fund.

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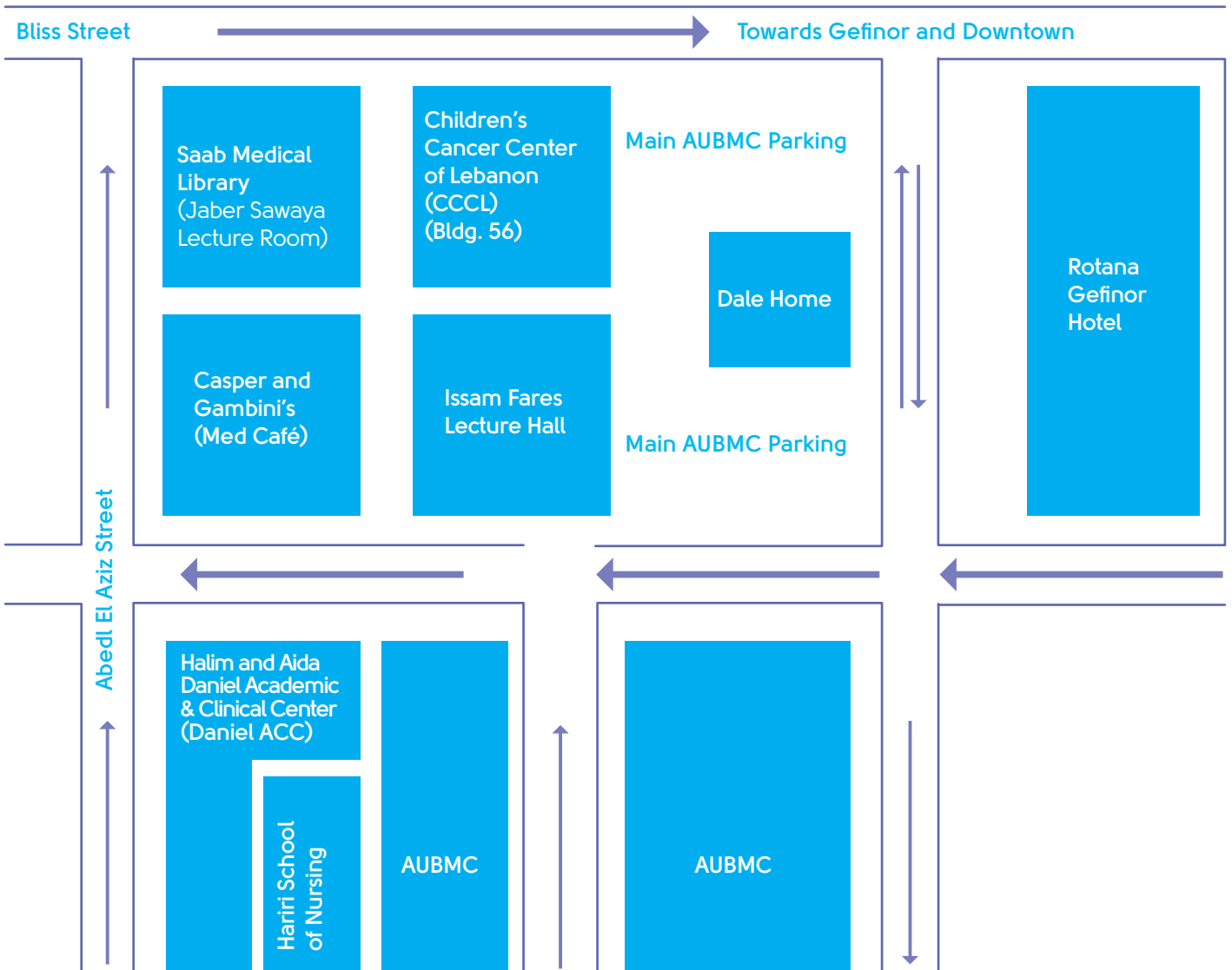
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# Map



# 50<sup>th</sup> MEMA Program

# Thursday May 2, 2019

## Issam Fares Lecture Hall

### Plenary Session Cardiac Preoperative Risk Assessment and Reduction

*Moderators: Dr. Nadim Jalbout and Dr. Hadi Skouri*

09:00 – 09:15	Noninvasive Testing: Is It Always Needed? Dr. Habib Dakik
09:15 – 09:30	Role of Functional Capacity and Its Determinants Dr. Paul Cremer
09:30 – 09:45	Pharmacological Risk Reduction Strategy Dr. Jonathan Hastie
09:45 – 10:00	Risk Indices in Surgical Risk Assessment Dr. Wael Jaroudi
10:00 – 10:15	When Is Revascularization Needed Preoperatively? Dr. Paul Cremer
10:15 – 10:30	Preoperative Cardiac Devices Management Dr. Maurice Khoury
10:30 – 10:45	Discussion All speakers
10:45 – 11:00	<b>Coffee Break</b>

*Moderators: Dr. Nadim Jalbout and Dr. Hadi Skouri*

11:00 – 11:30	Plenary Talk: Who Is the High-risk Patient: Risk Assessment, Scoring Systems Dr. Haytham Kaafarani
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### Perioperative Infections and Antimicrobial Management

*Moderators: Dr. Souha Kanj and Dr. Nesrine Rizk*

11:30 – 11:50	Intra-abdominal Sepsis Dr. Joseph Solomkin
11:50 – 12:10	Sepsis Management in the First Few Hours of Presentation Dr. Salvatore Di Somma
12:10 – 12:30	What Is New in Prevention of SSI Dr. Joseph Solomkin
12:30 – 12:50	Biomarkers for Decision Making in Urgent Surgery Need in the Emergency Department Dr. Salvatore Di Somma
12:50 – 13:15	Discussion All speakers
13:15 – 14:30	<b>Lunch Break</b>

*Moderators: Dr. Marianne Majdalani and Dr. Ahmad Zaghal*

14:30 – 15:00            Plenary Talk: What Can We Learn from Big Data about Factors Influencing Perioperative Outcome  
Dr. Joseph Cravero

#### Perioperative Pediatric Dilemmas

*Moderators: Dr. Marianne Majdalani and Dr. Ahmad Zaghal*

15:00 – 15:15            Pediatric Risk Assessment: Beyond the ASA Score  
Dr. Viviane Nasr

15:15 – 15:30            URTI in Children: When to Postpone Surgery (Respiratory Adverse Outcomes)  
Dr. Andrea Gomez

15:30 – 15:45            The Risk of Transfusion/ Anemia  
Dr. James Di Nardo

15:45 – 16:00            Pediatric Regional Anesthesia in the Context of High-risk Patients  
Dr. Andrea Gomez

16:00 – 16:15            Neurotoxicity and Pediatric Anesthesia  
Dr. James Di Nardo

16:15 – 16:30            The Grown-up Congenital Heart  
Dr. Viviane Nasr

16:30 – 16:45            Discussion  
All speakers

## Hisham Jaroudi Auditorium

#### Renal Risk Reduction

*Moderators: Dr. Naji Abou Jalad, Dr. Kamal Badr and Dr. Dania Chelala*

11:30 – 11:50            Novel Urine Biomarkers to Detect Early Acute Kidney Injury  
Dr. Claudio Ronco

11:50 – 12:10            CRRT: A “Cute” Dialysis for the Critically Ill  
Dr. Sahar H. Koubar

12:10 – 12:30            CRRT: When and How Much?  
Dr. Claudio Ronco

12:30 – 12:45            Perioperative Management of Blood Pressure  
Dr. Jonathan Hastie

12:45 – 13:00            Fluid Management in the High-risk Surgery  
Dr. Riad Lutfi

13:00 – 13:15            Discussion  
All speakers

13:15 – 14:30            Lunch Break

14:30 - 15:00            Plenary Talk in ISSAM FARES LECTURE HALL: What Can We Learn from Big Data about Factors Influencing Perioperative Outcome  
Dr. Joseph Cravero

## Cardiac, Thoracic, Vascular: Outside the Comfort Zone

*Moderators: Dr. Fady Haddad and Dr. Roger Moukarbel*

15:00 – 15:15	Improving the Outcomes of Laryngo Tracheal Surgery Dr. Walter Klepetko
15:15 – 15:45	<b>Khalil Abu Feisal Memorial Lecture: Radical Resections for T4 Lung Cancer</b> Dr. Walter Klepetko
15:45 – 16:00	Challenging Cases in the Cardiac Cath Lab Dr. Fadi Sawaya
16:00 – 16:20	Postoperative Right Ventricular Failure: Diagnosis and Management. Dr. Jamil Borgi
16:20 – 16:35	Treatment of Acute type B Aortic dissection: Should the indications for endovascular treatment be expanded? Dr. Melhem Sharafuddin
16:35 – 16:50	Endovascular treatment of Chronic descending thoracic aortic dissection Dr. Melhem Sharafuddin
16:50 – 17:05	Discussion All speakers

## Halim and Aida Daniel ACC Multipurpose rooms

### Room 1:

**Point of Care Ultrasound (POCUS) Workshop** 11:30 – 13:30

11:30 – 12:15	Introduction to POCUS Dr. Ralphe Bou Chebl
12:15 – 13:30	Hands-on Sessions (25 minutes per station) Station 1: Lung, Gastric Emptying, Airway, Diaphragm Dr. Andrea Gomez Station 2: Cardiac Echocardiography Dr. Ralphe Bou Chebl Station 3: Aorta, IVC, and Vascular Access Dr. Sobhi Fares

### Room 2:

**Transesophageal echocardiography (TEE) Workshop** 11:30 – 13:30

11:30 – 11:50	Welcome and Introduction to the Workshop Dr. Jean Beresian
11:50 – 12:30	Physics, Knobology and Basic Views Dr. Cynthia Karam and Dr. Jean Beresian
12:30 - 13:30	Hands-on Session Dr. Cynthia Karam and Dr. Jean Beresian

# Friday May 3, 2019

## Issam Fares Lecture Hall

**08:30 – 09:15**      **50th MEMA Opening Ceremony**

Plenary Session  
Risk Reduction through Team Training and Communication

*Moderators: Dr. Rola Hammoud, Dr. Patricia Yazbeck and Mrs. Iman Kouatly*

09:15 – 09:35      Process to Improve Patient Safety at Personal, Teams and Organizational Levels: Learning from Others!  
Dr. Abdul Aziz Boker

09:35 – 09:50      Checklists and Communication  
Dr. Jannicke Mellin Olsen

09:50 – 10:05      Conflict Resolution within Teams  
Dr. Maya Jalbout Hastie

10:05 – 10:20      Family Counseling and Risk Communication  
Dr. Jonathan Hastie

10:20 – 10:35      Disruptive Behavior: Why We Should Deal with Difficult Colleagues  
Dr. Maya Jalbout Hastie

10:35 – 10:50      Discussion  
All speakers

**10:50 – 11:10**      **Coffee Break**

*Moderators: Dr. Rola Hammoud, Dr. Patricia Yazbeck and Mrs. Iman Kouatly*

11:10 – 11:40      Plenary Talk: Frailty: Definition, Assessment, and Optimization  
Dr. Bellal Joseph

### Endocrine Dilemmas

*Moderators: Dr. Paola Atallah and Dr. Sami Azar*

11:40 – 12:00      Team Approach to Secretory Pituitary Adenomas  
Dr. Bahaa Arafah

12:00 – 12:20      Perioperative Glucose Control: Practical Guidelines and Tips  
Dr. Mario Skugor

12:20 – 12:35      Perioperative Glucocorticoids Replacement  
Dr. Bahaa Arafah

12:35 – 12:50      Pheochromocytoma: Should We Follow the Same Blockade Approach for Normotensive Patients?  
Dr. Bahaa Arafah

12:50 – 13:05      Thyroidectomy for the Extremely Thyrotoxic Cardiac Patient  
Dr. Mario Skugor

13:05 – 13:25      Discussion  
All speakers

**13:25 – 14:30**      **Lunch Break**

*Moderator: Dr. Sami Azar*

14:30 – 15:00            **Plenary Talk: Physiology of the High-risk Patient: Perioperative Pearls**  
Dr. Marc Dickstein

**High-Risk Neurosurgery**

*Moderators: Dr. Ghassan Skaf and Dr. Marwan Najjar*

- 15:00 – 15:15            A Device and Method for Eliminating the Risk of the Cranioplasty Operation  
Dr. Mathew Howard
- 15:15 – 15:30            Surgical Management of Cushing’s Disease with Emphasis on the Surgical Techniques for  
Resection of Microadenomas  
Dr. John Jane
- 15:30 – 15:45            Surgical Management of Acromegaly with Emphasis on Surgical Techniques for Resection  
of Macroadenomas  
Dr. John Jane
- 15:45 – 16:00            Complex Cranial Tumors—Suitable for Minimally Invasive Resection?  
Dr. Jeremy Greenlee
- 16:00 – 16:15            Epilepsy Surgery of Patients with Comorbidity  
Dr. Hiroto Kawasaki
- 16:15 – 16:30            Robotic Neurosurgery: The Peri-operative Management of the Patient with Epilepsy  
Refractory to Medical Management  
Dr. Badih Adada
- 16:30 – 17:00            **Coffee Break**

*Moderators: Dr. Ibrahim Omeis, Dr. Hussein Darwish and Dr. Rachid Haidar*

- 17:00 – 17:15            Complications of Endoscopic Sinus Surgery – Implications of Technology Era  
Dr. Scott Graham
- 17:15 – 17:30            Revascularization of Symptomatic Chronically Occluded Cervical ICA using  
Endovascular Techniques  
Dr. David Hasan
- 17:30 – 17:45            Acute Ischemic Stroke: The Dawn of a New Era  
Dr. Pascal Jabbour
- 17:45 – 18:00            Hybrid Surgery for Complicated Occluded Carotids  
Dr. Mario Zanaty
- 18:00 – 18:15            Minimally Invasive Spine Surgery for the Elderly  
Dr. Mohamad Bydon
- 18:15 – 18:30            Complications and Avoidance in the Obese Patient Undergoing Spine Surgery  
Dr. Cassim Igram
- 18:30 – 18:45            Outcomes and Surgical Management in Cervical Stenosis and Myelopathy  
Dr. Patrick Hitchon
- 18:45 – 19:00            Discussion  
All speakers

# Hisham Jaroudi Auditorium

## High-Risk Bariatric Surgery

*Moderators: Dr. George Abi Saad and Dr. Ramzi Alami*

- 11:30 – 11:45            Bariatric Safety and Outcome Measures: What Have We Learned from the MBSAQIP? Minimizing the Risk, Steps before Surgery in the High Risk Patient  
Dr. Maher El Chaar
- 11:45 – 12:00            Intraoperative Ventilation Strategies of the Morbidity Obese During Bariatric Surgery  
Dr. Oliver Panzer
- 12:00 – 12:15            Bariatric Surgery for Adults with Multiple Morbidities  
Dr. Samer Mattar
- 12:15 – 12:30            Safety and Outcomes of Revisional Bariatric Procedures in Academic Centers: Where Do We Stand? Complications of Bariatric Surgery  
Dr. Maher El Chaar
- 12:30 – 12:45            Bariatric Surgery in the Adolescent Patient  
Dr. Samer Mattar
- 12:45 – 13:00            Discussion  
All speakers
- 13:00 – 14:30            **Lunch Break**
- 14:30 – 15:00            **Plenary Talk in ISSAM FARES LECTURE HALL: Physiology of the High-risk Patient: Perioperative Pearls**  
Dr. Marc Dickstein

## High-Risk Hepatobiliary, Surgical GI Oncology

*Moderators: Dr. Walid Faraj and Dr. Ziad El Rassi*

- 15:00 – 15:15            Liver Transplantation for Acute Liver Failure  
Dr. Dieter Broering
- 15:15 – 15:30            Management of advanced borderline resectable cholangiocarcinoma  
Dr. Mohamad Khalifeh
- 15:30 – 15:45            Updates on Living Donor Liver Transplantation in Adults  
Dr. Dieter Broering
- 15:45 – 16:00            Robotic Pancreatic surgery  
Dr. Amer Zureikat
- 16:00 – 16:15            Liver transplantation in the pediatric population  
Dr. Dieter Broering
- 16:15 – 16:30            Improving the outcomes of Cytoreductive Surgery and Heated Chemotherapy (HIPEC)  
Dr. Amer Zureikat
- 16:30 – 16:45            Discussion  
All speakers

# Halim and Aida Daniel ACC Multipurpose rooms

## Room 1:

### Crisis Management in the Operating Room (OR)

*Moderators: Dr. Vanda Abi Raad and Dr. Sahar Siddik*

11:30 – 11:45	OR Crises Preparedness Dr. Jannicke Mellin-Olsen
11:45 – 12:00	In Situ Versus Simulation Center Simulation to Improve Preparedness Dr. Abdul Aziz Boker
12:00 – 12:15	The Failed Airway (The Anesthesiologist/Surgeon's Perspective) Dr. Usamah Hadi
12:15 – 12:45	Can Intubate, Cannot Ventilate, Mediastinal Tumors, Bronchospasm, Anaphylaxis, Pneumothorax & Other Nightmare Scenarios Dr. Joseph Cravero
12:45 – 13:00	Debriefing after OR Crisis Dr. Maya Jalbout Hastie
13:00 – 13:15	Discussion All speakers

### Lunch Symposium: Patient Blood Management

13:15 – 13:30	Perioperative anemia and Surgical Outcomes Dr. Ali Hallal
13:30 – 13:45	Patient Blood Management: Anesthesia Perspective Dr. Carine Zeeni
13:45 – 14:05	The Multiple Wins with PBM and how to Implement it Dr. Axel Hofmann
14:05 – 14:15	Questions and answers Dr. Ali Hallal, Dr. Carine Zeeni and Dr. Axel Hofmann
14:15 – 14:30	<b>Break</b>
14:30 – 15:00	<b>Plenary Talk in ISSAM FARES LECTURE HALL: Physiology of the High-risk Patient: Perioperative Pearls</b> Dr. Marc Dickstein

## Critical Intraoperative Events

*Moderators: Dr. Violette Karam and Dr. Jamal Hoballah*

15:00 – 15:15	Reporting Critical Intraoperative Events: Surgeons Attitude Dr. Haytham Kaafarani
15:15 – 15:30	Cardiogenic Shock Dr. Marc Dickstein
15:30 – 15:45	Critical Intraoperative Events: Can't Close the Abdomen Dr. Haytham Kaafarani
15:45 – 16:00	Critical intraoperative events: When should I use ECMO? Dr. Marc Dickstein
16:00 – 16:15	Management of Massive Intraoperative Bleeding Dr. Bellal Joseph
16:15 – 16:30	Discussion All speakers

# Saturday May 4, 2019

## Issam Fares Lecture Hall

## Plenary Session: Perioperative Dilemmas

*Moderators: Dr. Ali Hallal, Dr. George Abi Saad and Dr. Wajdy Abi Saleh*

09:00 – 09:15	VTE Prophylaxis in the High-risk Surgical Patient Dr. Ali Taher
09:15 – 09:30	Perioperative Anemia and Transfusion Trigger Dr. Axel Hofmann
09:30 – 09:45	Point of Care Directed Coagulation Management Dr. Bellal Joseph
09:45 – 10:00	Advanced Perioperative Monitoring of the High-risk Surgical Patient Dr. Mouhammad Yabrodi
10:00 – 10:15	Perioperative Management of Severe Sick Patients Under Basic Conditions/Safe Anesthesia Under Limited Conditions Dr. Christine Bartulec
10:15 – 10:30	Best Perioperative Practice in the Management of Ambulatory Patients with Obstructive Sleep Apnea Dr. Hassan Chami
10:30 – 10:45	Discussion All Speakers
10:45 – 11:00	<b>Coffee Break</b>

*Moderators: Dr. Ali Hallal, Dr. George Abi Saad and Dr. Wajdy Abi Saleh*

11:00 – 11:30	Plenary Talk: Perioperative Cardiac Arrest Dr. Vivek Moitra
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## High Cardiac Risk in Non-Cardiac Surgery

*Moderators: Dr. Cynthia Karam and Dr. Hadi Skouri*

- |               |   |
|---------------|---|
| 11:30 – 11:45 | Surgery after MI or Stents?<br>Dr. Vivek Moitra                                       |
| 11:45 – 12:00 | Spinal vs. General in the Setting of High-risk Surgery<br>Dr. Oliver Panzer           |
| 12:00 – 12:15 | Perioperative Management of Anticoagulants and Antiplatelets<br>Dr. Jonathan Hastie   |
| 12:15 – 12:30 | Management of Patient with Cardiomyopathy<br>Dr. Marc Dickstein                       |
| 12:30 – 12:45 | Management of Patient with Assist Devices<br>Dr. Hadi Skouri                          |
| 12:45 – 13:00 | Management of Patient with Aortic Stenosis for Non-cardiac Surgery<br>Dr. Paul Cremer |
| 13:00 – 13:15 | Discussion<br>All speakers  |
| 13:15 – 14:30 | <b>Lunch break</b>  |

*Moderator: Dr. Samir Atweh*

- |               |   |
|---------------|---|
| 14:30 – 15:00 | <b>Plenary Talk: Perioperative Cognitive Dysfunction</b><br>Dr. Elias Shaya |
|---------------|---|

## Postoperative Dilemmas

*Moderators: Dr. Souheil Chamandi and Dr. May Helou*

- |               |   |
|---------------|---|
| 15:00 – 15:15 | Regional Anesthesia Techniques for Postoperative Analgesia in High-risk surgeries: Effect on Morbidity<br>Dr. Oliver Panzer |
| 15:15 – 15:30 | Opioid Addiction and Postoperative Analgesia<br>Dr. Elias Shaya   |
| 15:30 – 15:45 | Criteria for Postoperative Admission to ICU<br>Dr. Vivek Moitra   |
| 15:45 – 16:05 | Echocardiography in the Management of Postoperative Hemodynamic Instability<br>Dr. Oliver Panzer                            |
| 16:05 – 16:20 | Surgical Bounce-backs to ED<br>Dr. Salvatore Di Somma   |
| 16:20 – 16:35 | Discussion<br>All speakers  |

# Hisham Jaroudi Auditorium

## Obstetrics, Plastic Surgery, ENT and Acute Care: Challenging Conditions

*Moderators: Dr. Imad Kaddoura and Dr. Anwar Nassar*

11:30 – 11:45	New Surgical Techniques for Craniosynostosis Dr. John Meara
11:45 – 12:00	3D Simulation in Complex Craiomaxillofacial Surgery Dr. John Meara
12:00 – 12:15	Management of Severely Burned Patients with and without Associated Injuries Dr. Amir Ibrahim
12:15 – 12:30	Abdominal Surgery in the Pregnant Patient Dr. Labib Ghulmiyyah
12:30 – 12:45	Embolization to Control Pelvic Bleeding Dr. Nadim Muallem
12:45 – 13:00	Abnormal Placentation Dr. Muhieddine Seoud
13:00 – 13:15	Discussion All speakers
13:15 – 14:30	<b>Lunch Break</b>
14:30 – 15:00	<b>Plenary talk in ISSAM FARES LECTURE HALL: Perioperative Cognitive Dysfunction</b> Dr. Elias Shaya

## Trauma

*Moderators: Dr. Ali Hallal, Dr. Said Saghieh and Dr. Rachid Haidar*

15:00 – 15:30	<b>Aff Nsouli Memorial Lecture: Multidisciplinary Issues in the Treatment of Hip Fractures in the Elderly</b> Dr. David Seligson
15:30 – 15:45	What Is New in Damage Control Surgery for Trauma: Is the Pendulum Swinging? Dr. Christine Bartulec
15:45 – 16:00	Damage Control Fracture Stabilization for Polytrauma Dr. David Seligson
16:00 – 16:15	Perioperative Assessment of Patients Suffering from Chronic Complication/Sequel of Weapon Caused Injuries Dr. Miguel Angel Nunez Peredo
16:15 – 16:30	Management of Traumatic Brain Injury in a Bleeding Polytrauma Patient Dr. Bellal Joseph
16:30 – 16:45	Any Role of ECMO in Polytrauma Dr. Ibrahim Fawzy
16:45 – 17:00	Discussion All speakers

# Hariri School of Nursing Simulation Room

Crisis Resource Management (CRM) 09:00 – 10:45

*Speakers: Dr. Abdel Aziz Boker, Dr. Carine Zeeni, Dr. Vanda Abi Raad and Dr. Nabil Mansour*

09:00 - 09:30	Introduction to CRM Principles
09:30 - 10:00	Scenario 1
10:00 - 10:30	Scenario 2
10:30 - 10:45	Wrap-up

# Halim and Aida Daniel ACC Multipurpose rooms

Extracorporeal Membrane Oxygenation (ECMO) Workshop 09:00 – 15:45

09:00 – 09:20	ECMO cannulation modalities Dr. Ali Ait Hssain
09:20 – 09:40	Preparation and equipment for cannulation Mr. Yazan Nofal and Mr. Abdullah Al Amir
09:40 – 10:00	ECMO cannulation Procedure / Environment Dr. Ibrahim Fawzy
10:00 – 10:15	Panel Q & A
10:15 – 10:30	<b>Coffee Break</b>
10:30 – 11:30	Hands On I: 4 groups in 20 min in 4 stations with rotations
11:30 – 12:30	<b>Lunch Break</b>
12:30 – 13:30	Hands On II: 4 groups in 20 min in 4 stations with rotations
13:30 – 13:50	Complications of cannulation and Cannulae cares Dr. Ahmed Labib and Mr. Yazan Nofal
13:50 – 14:00	Introduction to simulation and equipment
14:00 – 14:40	First scenario and debriefing
14:40 – 14:50	<b>Coffee Break</b>
14:50 – 15:30	Second scenario and debriefing
15:30 – 15:45	Group Discussion: Lessons learnt and closure Dr. Ibrahim Fawzy





## Contact Information

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