

Day 1 - Friday, 1st November 2019

07:00 - 08:00	Welcome & Registration
08:00 - 08:30	Conference Opening
08:30 - 08:55	Keynote Lecture <i>Chair: Emin Tuzcu, Chair, Heart & Vascular Institute, Cleveland Clinic Abu Dhabi</i>
	Burden of Cardiovascular disease in the Middle East <i>Wael Al Mahmeed, Consultant Cardiologist, Cleveland Clinic Abu Dhabi & Past-President, Asian Pacific Society of Cardiology</i>
08:55 - 09:00	Discussion
09:00 - 10:30	Session 1: Safety & Quality <i>Chair: Bret Cardwell, Consultant Surgeon, Cleveland Clinic Abu Dhabi</i>
09:00 - 09:25	Analysis of Never Events and Patient Safety Initiatives <i>Jaideep Pandit, Consultant Anaesthetist Oxford University Hospitals NHS Foundation Trust, United Kingdom</i>
09:25 - 09:50	Regionalization of Care for Cardiogenic Shock <i>Venu Menon, Staff Physician and Cardiologist, Director of Coronary Care Unit, Cleveland Clinic Foundation, Ohio</i>
09:50 - 10:15	Key Performance Indicators in Cardiac Surgery - 20 years on the Front Line <i>Adrian Levine, Consultant Cardiothoracic Surgeon, Royal Stoke University Hospital, Staffordshire, United Kingdom</i>
10:15 - 10:30	Discussion
10:30 - 11:00	Coffee Break
11:00 - 12:30	Session 2: Recent Advances I <i>Chair: Gopal Bhatnagar, Chair, Cardiothoracic Surgery, Cleveland Clinic Abu Dhabi</i>
11:00 - 11:25	CALS - A new paradigm in resuscitation post cardiac surgery <i>Adrian Levine, Consultant Cardiothoracic Surgeon, Royal Stoke University Hospital, Staffordshire, United Kingdom</i>
11:25 - 11:50	Does 3D Echo offer benefit to the Cardiac surgical patient? <i>Sean Bennett, Head of Cardiothoracic Anesthesia and Intensive Care, National Guard Health City, Jeddah, Saudi Arabia</i>
11:50 - 12:15	Post-cardiotomy ECMO: What is new? <i>Vivek Kakar, Consultant Intensivist, Cleveland Clinic Abu Dhabi</i>
12:15 - 12:30	Discussion
12:30 - 13:45	Lunch Break

13:45 - 15:15	Session 3: Echocardiography <i>Chair: Dima Quraini, Consultant Cardiologist, Cleveland Clinic Abu Dhabi</i>
13:45 - 14:10	Acute valvular emergencies in the Cardiac ICU <i>Venu Menon, Staff Physician and Cardiologist, Director of Coronary Care Unit, Cleveland Clinic Foundation, Ohio</i>
14:10 - 14:35	Mitral Regurgitation: Intra-op TEE assessment beyond the Color Doppler <i>Ahamad Bafadel, Consultant Cardiologist, Cleveland Clinic Abu Dhabi</i>
14:35 - 15:00	Critical Care Echocardiography - Post Cardiac Surgery <i>Nick Fletcher, Chair, Anesthesia & Critical Care Institute, Cleveland Clinic London, United Kingdom</i>
15:00 - 15:15	Discussion
15:15 - 15:30	Coffee Break
15:30 - 17:00	Session 4 - Clinical Practice: Current Trends <i>Chair: Charles Ahene, Consultant Cardiothoracic Anesthesiologist, Cleveland Clinic Abu Dhabi</i>
15:30 - 15:55	Hemodynamic Monitoring: What is current? <i>Arun Kumar, Consultant Cardiothoracic Anesthesiologist, Cleveland Clinic Abu Dhabi</i>
15:55 - 16:00	Discussion
16:00 - 17:00	Case Based Discussion <i>Interesting Cardiac Surgical Cases: What would you have done?</i>
16:00 - 16:20	Case 1
16:20 - 16:40	Case 2
16:40 - 17:00	Case 3
17:00	Closing Remarks and End of Day 1

Day 2 - Saturday 2nd, November 2019

07:30 - 08:30	Welcome & Registration
08:30 - 10:00	Session 5: Bleeding & Hemostasis <i>Chair: Manuel Algora, Consultant in Clinical Pathology & Blood Bank Medical Director, Cleveland Clinic Abu Dhabi</i>
08:30 - 08:55	Fibrinogen Concentrate Therapy: Lessons Learned <i>Anders Jeppson, Consultant Cardiothoracic Surgeon, Sahlgrenska University Hospital, Gothenburg, Sweden</i>
08:55 - 09:20	Anaemia and Blood Transfusion in Cardiac Surgery <i>Sean Bennett, Head of Cardiothoracic Anesthesia and Intensive Care, National Guard Health City, Jeddah, Saudi Arabia</i>
09:20 - 09:45	Prevention and treatment of Perioperative bleeding complications <i>Anders Jeppson, Consultant Cardiothoracic Surgeon, Sahlgrenska University Hospital, Gothenburg, Sweden</i>
09:45 - 10:00	Discussion
10:00 - 10:30	Coffee Break
10:30 - 12:00	Session 6: Challenges in Clinical Practice <i>Chair: Gopal Bhatnagar, Chair, Cardiothoracic Surgery, Cleveland Clinic Abu Dhabi</i>
10:30 - 10:55	Theatre Efficiency and Practical Operating Theatre Management <i>Jaideep Pandit, Consultant Anaesthetist Oxford University Hospitals NHS Foundation Trust, United Kingdom</i>
10:55 - 11:20	Enhanced Recovery in Cardiac Surgery <i>Nick Fletcher, Chair, Anesthesia & Critical Care Institute, Cleveland Clinic London, United Kingdom</i>
11:20 - 11:45	Emerging Tertiary Cardiac Surgical Centre of Excellence in the Middle East: Triumphs and Challenges <i>Gurjyot Bajwa, Consultant Cardiothoracic Surgeon, Surgical Director, Mechanical Assistance & Transplant, Cardiac Surgery, Cleveland Clinic Abu Dhabi</i>
11:45 - 12:00	Discussion
12:00 - 13:00	Lunch Break
13:00 - 14:30	Session 7: Current Trends in Perfusion <i>Chair: Laszlo Kirali, Chair of Pediatric Cardiac Surgery, Sheikh Khalifa Medical City</i>
13:00 - 13:25	The Concept of Minimum Blood Flow: Applying the limits of Goal-Directed Perfusion <i>Carole Hamilton, Chief Perfusionist, Vogtareuth Schoen Clinic, Vogtareuth, Germany</i>
13:25 - 13:50	Neurocognitive outcomes related to Cardiopulmonary bypass: Current status <i>Nuno Raposo, Lead Perfusionist, Cleveland Clinic Abu Dhabi</i>

13:50 - 14:15 **Gravity drainage using smaller venous tubing: What are the limits?**
Carole Hamilton, Chief Perfusionist, Vogtareuth Schoen Clinic, Vogtareuth, Germany

14:15 - 14:30 **Discussion**

14:30 - 14:45 **Coffee Break**

14:45 – 15:45 **Session 8: Recent Advances II**
Chair: Dominique Prud'homme, Chair, Cardiothoracic Anesthesiology, Cleveland Clinic Abu Dhabi

14:45 - 15:10 **The role of processed EEG in prevention of delirium and postoperative cognitive dysfunction**
Massimo Lamperti, Chair, Anesthesiology Institute, Cleveland Clinic Abu Dhabi

15:10 - 15:35 **Current role of Mechanical Circulatory Support in advanced heart failure**
Fahad Alsindi, Consultant Cardiologist, Heart Failure & Transplant at the Heart & Vascular Institute, Cleveland Clinic Abu Dhabi.

15:35 - 15:45 **Discussion**

15:45 **Conference Closing**