

8-9 February, 2024 www.ectas2024.com Fayoum, Egypt





#### **About Us**

The Egyptian Cardiothotracic Anesthesia Society (ECTAS) aims to be a forum in Egypt and the Middle East for international scientific discussions and exchange of ideas in the field of cardiothoracic and vascular anesthesia and related topics, and to promote education and development in this field.

The society aims as well to promote scientific excellence in our specilaity through awarding scholarships; assist in scientific investigations; enabling educational visits to centers in Egypt and other countries; and to publish selected abstracts of papers presented at ECTAS meetings in the society's professional Journal, EJCA.

#### **Our Values**

Dedication, devotion and supreme care

#### **Mission statement**

- To disseminate knowledge by:
   Presenting new scientific basic and clinical information at annual meetings.

   Formulating and promoting high standards of clinical practice.
- To promote research in the field of Cardiothoracic Anesthesia
- Setting guidelines and assuring excellence in programs that train and educate our profession
- Raising the standards of practice.

#### **ECTAS Board Members**

#### Dr Fawzia A.Foutouh, President

- Dr Hossam El-Ashmawi, Vice President
- Dr Amr Abdel Monem, Secretary General
- Dr Ahmed Karim Abdel Hady, Treasurer
- Dr Mohamed El Tahan, Board Member
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- Dr Negmeldeen Mamoun, Board Member
- Dr Ahmed Galal El Sherbiny, Borad Member
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- Dr Hesham Hosny, Board Member

#### **ECTAS Contact Information:**

The Egyptian Cardiothoracic Anesthesia Society Email: info@ectasegypt.org
Website: www.ectasegypt.org

ECTAS 2024 Conference Website www.ectas2024.com

## WELCOME MESSAGE



Prof. Fawzia. A.Foutouh President ECTAS 2024



Prof. Hossam El-Ashmawi Vice President ECTAS 2024



Prof. Amr Abdel Monem Secretary General ECTAS 2024

#### Dear colleagues

The Egyptian Cardiothoracic Anesthesia Conference series has made a name for itself as the most valuable education meeting for cardiothoracic anesthesiologists in the region.

After eighteen conferences of success, we hope our conference will be the best yet.

ECTAS 2024 conference will host an esteemed faculty from Egypt as well as international speakers who will provide the latest updates on hot topics in Cardiothoracic Anesthesia.

As always, the educational program aims in helping all attendees to meet their educational needs and expectations.

Our meeting continues to have an exhibition for providing you with the opportunity to see the latest technology advancements and products that will help you advance in your practice.

We are grateful to the conference speakers for their valuable contribution to the scientific program. Our gratitude is extended as well to the conference sponsors and exhibitors for their support to this educational endeavour.

We welcome you in the conference and wish you a successful learning experience

#### ECTAS 2024 Leadership

#### **ECTAS 2024 Featured Guest Faculty**



Prof. Federico Piccioni Prof. Nador Marczin Prof. Laszlo Szegedi Italy



UK



Belgium





Prof. Maria Macaroni Prof. Mert Suntrurk UK Turkey











ECTAS 2024 is organized by The Egyptian Cardiothoracic Anesthesia Society (ECTAS)

in collaboration with

The Anesthesia Department, Fayoum University

# SCIENTIFIC

### Thursday 8 February, 2024

# **PROGRAM**

11:00 - 11:30 Opening Ceremony & Welcome Speeches

#### **Guests of Honor:**

- Prof. Yasser Hatata, President Fayoum University
- Prof. Hamdy Ibrahim, Dean Faculty of Medicine, Fayoum Univerity

ECTAS Leadership: Prof.Fawzia A.Foutouh, Prof Hossam El-Ashmawi, Prof Amr Abdel Monem

#### 11:30 - 13:35 Session I:

Cardiac Panel Session: Updates and Challenges in Cardiac Anesthesia

Moderators: Prof Adel Abdel Fattah, Prof Nabil Askalany, Prof Amr Abdel Monem Prof Essam Abd El Hakim, Prof Randa Zain El din

- 11:30 11:55 The Emerging Role of Telemedicine in Cardiac Anesthesia Practice, Fawzia Aboulfetouh
- 11:55 12:20 Anesthesia Patient Safety in Cardiothoracic Surgery: An Overview, Mohamed El-Shorbagy
- 12:20 12:45 Cardiac Arrest after Induction of Anesthesia in Cardiac Surgery: Proceed or Postopne. Islam Mohammad
- 12:45 13:10 Optimizing Nutrition for ECMO, Dina Soliman
- 13:10 13:35 How TEE Can Prevent Disasters? Negmeldeen Mamoun

#### 13:35 - 14:00 Coffee Break & Visiting the Exhibition

#### 14:00 - 16:05 Session II:

Back to Basics: Things We Should Know about Thoracic Anesthesia

Moderators: Prof. Walid El Taher, Prof. Safaa Helal, Prof Hadil Magdy Abdel Hamid Prof Hisham Khedr, Prof Pierre Zarif

- 14:00 14:20 Physiology for Thoracic Anesthesia and One-lung Ventilation (Pre-recorded), Mohamed El-Tahan
- 14:20 14:40 How to Interpret Pulmonary Function Tests, Abdelazeem Aldawlatly
- 14:40 15:00 Cardiopulmonary Interactions, Amr Hashem
- 15:00 15:20 ICU Admission after Thoracic Surgical Procedures, Hisham Hosny
- 15:20 15:40 Anesthetic Challenges in Mediastinal Mass Resection, Mohamed Hamed

#### 15:40 – 17:00 Lunch Break & Presenting ECTAS Annual Merit Awards

#### 17:00 - 19:05 Session III:

Back to Basics: Things We Should Know about Cardiac Electrophysiology and Acid-base Disturbance

Distuibance

Modertors: Prof Essam Manaa , Prof Hossam El Ashmawi , Prof Mohamed Hamed Prof Abla Atef

- 17:00 17:25 The Cardiac Cycle, Ahmed Galal
- 17:25 17:50 Abnormalities in Cardiac Conduction and Cardiac Rhythm, Hossam El-Ashmawi
- 17:50 18:15 Case Study of Post-bypass Arrhythmia, Negmeldeen Mamoun
- 18:15 18:40 Hormesis Theory! Can We Apply it on Acid-base Disturbance? Amr Abdelmonem
- 18:40 19:05 Potassium and Magnesium: Taming the Two Monsters, Maged Salah

#### Friday 9 February, 2024

#### 10:00 - 12:05 Session IV:

**Thoracic Panel Session: Updates on Thoracic Anesthesia** 

Moderators: Prof Hisham Hosni , Prof Mostafa Eladawy, Prof Mohamed El Tahan Prof Adel Al Ansary, Prof Mohamed Gamal Ibrahim

- 10:00 -10:25 Opioid Free Thoracic Anesthesia, Federico Piccioni
- 10:25 10:50 Tubeless Thoracic Surgery, Laszlo Szegedi
- 10:50 11:15 Frailty in Thoracic Surgery Patients, Nandor Marczin
- 11:15 11:40 Truncal Interfacial Blocks for Thoracic Surgery: Where Does the Evidence Stand? Mert Senturk
- 11:40 12:05 Protective Low Tidal One-lung Ventilation: A Grown Piece of Evidence-based, Mohamed El-Tahan

#### 12:05 – 13:00 Coffee Break and Friday Prayers

#### 13:00 - 15:05 Session V:

Cardiac Panel Session: Perioperative Challenges and Decision-making

Moderators: Prof Maged Salah , Prof Essam Manaa, Prof Nabil Askalany

Prof Magdy Fathy, Prof Walid El Taher

- 13:00 13:25 Neuroprognostication Algorithm Enhances Decision-making Following Cardiac Arrest in Patients Admitted to Cardiothoracic Intensive Care Unit, Maria Macaroni
- 13:25 13:50 Can Subclavian Tavi Approach Ease the Pressure on ICU?, Mostafa Eladawy
- 13:50 14:15 Brain Protection in Aortic Surgery: Are We Doing it Right? Hossam El-Ashmawi
- 14:15 14:40 Enhanced Recovery after Cardiac Surgery and its Controversies, Essam Abdel-Hakim
- 14:40 15:05 Challenges of Combined CABG and Cesarian Section, Mahdy Ahmed Abdelhady

#### 15:05 - 16:00 Lunch Break

#### 16:00 - 18:00 Session VI:

**Pediatric Panel Session: Caring for the Young at Heart** 

Moderators: Prof Ahmed Karim , Prof Ghada Ali , Prof Hossam El Ashmawi

- 16:00 16:25 Artificial Intelligence in Anesthesia: Revolutionizing Pediatric Heart Care , Farouk Kamleldin
- 16:25 16:50 Ultrasound: A Magic Wand in the Hands of the Pediatric Cardiac Anesthesiologist, Yasmin Hasan
- 16:50 17:15 Trending Strategies for Myocardial Protection in Pediatric Patients, Hani Dessouki
- 17:15 17:40 Neonates in Cardiac Surgery Considerations for Cardiopulmonary Bypass, Hani Dessouki
- 17:40 18:05 Regional Blocks as Part of Fast Tracking in Pediatric Cardiac Patients, Meryhan Mohamed

#### 18:05 - 18:30 Closing Remarks



ECTAS 2024: 8-10 February 2024

Where the Brightest Minds of Cardiothoracic Anesthesiologists Meet





#### 10 February, 2024 at LRC-Kasr Al Ainy

- Workshop A: Neuromonitoring in Cardiac Anesthesia
- Workshop B: ECMO and Blood Management
- Workshop C: Transesophageal Echo: Practical issues & Clinical dilemmas
- Workshop D: Patient Blood Management

Registrations are limited to 20 participants

#### **ACKNOWLEDGEMENT**

ECTAS 2024 Organizing Committee acknowldgees the generous support of the conference sponsors and Exhibitors

















Christofle Silver Plated Pink Hourglass from the Gallier Collection



Hermle Chiming Bracket Clock with a Moon Dial in a Mahogany Case



Art Deco Pendulum Wind Clock



Life Leaf Smart Watch

# **ECTAS 2024**

## SPECIAL EXHIBITION

# THE HEART AND TIME: A HUMAN STORY

Current Cardiothoracic anesthesia endorses an increasing trend towards precision and a personalized management approach that essentially strives to customize the therapy for individual patient characteristics.

Cardiothoracic Anesthesiologists in their practice require meticulous and precise management for their cases to acheive success.

Nothing is globally famous like Swiss clocks and nothing compares to Cardiothoracic Anesthesiologists for their accuracy and preciseness.

ECTAS 2024 is proud to host an exhibition featuring the clocks' collection of Professor Dr Abu Bakr Abou Yousef.

Dr Abo Youssef is an educator, engineer and Professor of Imaging with an international recognition in the field of Ultrasonography

The exhibition is themed: The Heart and Time: A Human Story

From the moment a human being is born to the moment they die, the single two constants that govern their life are the beating of their heart and the movement of the planets.

Today, the technology used to measure, control, and improve the functioning and rhythm of the heart is incredibly advanced. Yet this technology is based on a long lineage of developments and collaborations in the measurement of time. This process of measurement has long been a collective process across cultures, languages, and spaces that continues up until the present day as today's conference exemplifies.

"The Heart and Time: A Human Story" exhibition attempts to track the development of this technology through a unique collection of antique clocks and other related items that together symbolise the complexity of the time and its technological development.



