

The Egyptian Society of Intensive Care and Trauma

ESICT 2024

12 EGYPTIAN SOCIETY

OF INTENSIVE CARE AND TRAUMA

THE PILLARS OF INTENSIVE CARE PRACTICE IN EGYPT



In Collaboration with
**World Federation of
Intensive and Critical Care**

Scientific Program

19 | DECEMBER
20 | 2024
HELWAN LANDMARK
HOTEL, NEW CAIRO



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Under the Patronage of
The Ministry of Health and Population (MoHP)
Assistant to the Prime Minister

Prof. Dr. Khaled Abdalghaffar

Conference President

Dr. Hussein Sabri
(Ain Shams University)

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Welcome

Dear Colleagues

The Egyptian Society of Intensive Care and Trauma Always Strives to have The Best for our Patients, Physicians, and Nurses Who Care for The Sickest Patients of all. We also want to have the best for our Profession. Thus, We Organize the yearly Conference with these Aims in Mind. Receive we have Merged The Traditional Knowledge with Updates in Several Corners of Intensive Care Practice The Truth Culminates in The Generation of The Pillars of Intensive Care Practice in Egypt.

We have Contributions from more than Forty Speakers Including Egyptian and International Speakers We as well we have Audience from Egypt and from Non-Egyptians.

Our Workshop Panel Includes Bedside Ultrasonography, Airway Management, Mechanical Ventilation, Hemodynamic Monitoring and We Welcome The Newcomer to our Workshop Panel Which is The Transesophageal Echocardiography workshop.

We Hope that all of You Enjoy The Conference as well as having The most Fruitful out Come.

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Prof. Dr Mohamad Isamael

Head Of Scientific Committee
Prof. Dr. Adel Mohamad Alansary

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**12 EGYPTIAN
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DAY 1
THURSDAY

Registration

08:00 - 09:00



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Year in Review
09:30-11:30

Chairpersons Alphabetical

Akram Abd Albary
Fawzia Abo Elfetouh
Jihan Alkholy
Nabil El-Askalany
Sherif Farouk Ibrahim

09:30 - 09:50	Neurocritical Care	Sameh Salem
09:50 - 10:10	Mechanical Ventilation	Mohamad Algendy
10:10 - 10:30	Hemodynamic Management	Yasser Abd Alrahman
10:30 - 10:50	Fever in ICU: is it all infection?	Abdelfattah Abdelsattar
10:50 - 11:10	Postoperative Pulmonary complications: How prevention improves outcome	Mohamad Galal
11:10 - 11:30	Role of rapid diagnostics in Sepsis management	Adel Alansary



11:30 - 12:30

Opening Speech

Prof. Dr. Khaled Abdel Ghaffar

Minister of Health and Population

Jorge Hidalgo

President Society World Federation of Intensive and Critical Care

Plenary Session: Love and Comapssion in Ancient Egyptian ART

Nasser Kotby

Tea Break



6

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Nephrology
09:30-11:30

Chairpersons

Alphabetical

Ahmad Mustafa
Ahmad Saber
Ghada Ali
Mohamad Abd Alraouf
Soaad Sayed

09:30 - 09:50 Optimization of Antimicrobial Dosing in Critically Ill undergoing Renal Replacement Therapy **Wasim El Nekidy (Online)**

09:50 - 10:10 Updated management of TBI  **Jihan Elkholy**

10:10 - 10:30 New Era of Antihyperkalemic Treatment  **Adel Alansary**

10:30 - 10:50 RRT in ICU, the Role of CRRT **Connor Jr, Michael**

10:50 - 11:10 Tradition or superstition **Akram Fayed**

11:10 - 11:30 New era of treatment of diabetic patients in ICU **Sherif Wadea**

11:30 - 12:30

Opening Speech

Prof. Dr. Khaled Abdel Ghaffar

Minister of Health and Population

Jorge Hidalgo

President Society World Federation of Intensive and Critical Care

Plenary Session: Love and Comapssion in Ancient Egyptian ART

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Tea Break

7



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Sepsis: Another Viewpoint
12:30-13:30

Chairpersons
Alphabetical

Alaa Attia
Madiha Metwaly
Magdy Fathy
Sherif Soultan
Tawfeek Nour Eldin

12:30 - 12:45	Postantimicrobial Era	Mohamad Ismail
12:45 - 13:00	Coping Emerging Antimicrobial resistance: How can we escape the ESKAPE?	Dalia Altaher
13:00 - 13:15	The role of the microbiome in sepsis and other complications.	Ayman Tharwat
13:15 - 13:30	Combination Therapy for MDR Acinetobacter	 Adel Alansary

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Pulmonary Hypertension
case discussion and debate
12:30-13:30

Chairpersons

Alphabetical

Ahmad Abd Alziz
Ayman Farghaly
Hany Sabor
Marwa Abd Alrady
Wael Soliman

12:30 - 12:45

ECMO and Mechanical Support in PH and RV
failure what is the difference?

Hany Sabour

12:45 - 13:00

Management of PH in ICU

Hany Sabour

13:00 - 13:30

Over view of Pulmonary Hypertension

Ayman Farghaly
Ahmad Abd Alaziz
Wael Soliman
Marwa Abd Alrady

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**Sepsis: Best of Base
Meeting**
13:30-15:00

Chairpersons
Alphabetical

Ashraf El-Agamy
Hala Algendy
Mustafa Abo Elainin
Salwa Kattab
Sanaa Abd Alkereem

13:30 - 13:48 Antimicrobial combination: what works and what does not work? **Marwa Hussein**

13:48 - 14:05 Fungal biomarkers: current status? **Dina Hussein**

14:05 - 14:22 Diagnostic challenge in gram +ve infection **Ahmad Moukhtar**

14:22 - 14:40 Leveraging the power of the medical community with Medsulto **Nadine Wadie**

14:40 - 15:00 Gram Positive Blood stream Infection **SANDOZ Adel Alansary**

Lunch Break

15:00 - 16:00



10

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Hot Topics 1

13:30-15:00

Chairpersons

Alphabetical

Adel Diab
Ayman Kahla
Khaled Magawry
Mohamad Samy Sharaf
Noha Elsayed

13:30 - 13:48 VTE prevention and Training **sanofi** Adel Alansary
cases

13:48 - 14:05 Effectiveness of new B Lactam-B Mohamad Elaiashy
Lactamases in Real practice

14:05 - 14:22 ESBL infections what is **PHARCO** Adel Alansary
the role of Carbapenems? CHRONIC SPECIALTY CARE

14:22 - 14:40 Dexametomedine and **EVER** Adel Alaa
challenging Critical Cases PHARMA

14:40 - 15:00 Recent updates in a HUS **AstraZeneca** Ahmad Fathy Korei
diagnosis and management

Lunch Break

15:00 - 16:00



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THE PILLARS OF INTENSIVE CARE PRACTICE IN EGYPT



Workshop

16:00 - 19:00 Hemodynamic Monitoring

16:00 - 16:30	What is shock and the importance of hemodynamic monitoring	Adel Alansary
16:30 - 17:00	Heart lung interaction	Mohamad Algendy
17:00 - 17:30	Different monitoring modalities	Adel Alansary
17:30 - 18:00	Case presentations 1	Mohamad Alshorbagy
18:00 - 18:30	Case presentations 2	Mohamad AlKamhawy
18:30 - 19:00	Tailored monitoring purchase and Wrap up	Adel Alansary

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Workshop

16:00 - 19:00 **Airway Management and Bronchoscopy**

16:00 - 16:30 Video-assisted laryngoscopy

Tamer Ewidah
Abdelwahab Saleh

16:30 - 17:00 EGADs

Sameh Hasan
Roqayah Mohamed
Esam Shafik

17:00 - 17:30 Adult
Flexible Optic Broncho Intubation .

Talaat Abdel-Halim
Ahmed Mosaad
Abdelmonem Fouad
Souad Sayed

17:30 - 18:00 Flexible Optic Bronchoscopy

Khaled Halimah
Ahmed Elshahat
Badr Ismael

18:00 - 18:30 Front of neck axis
(FONA)

Tarek AbdelSalam
Ismail Abdelgawad
Mahmoud Nour

18:30 - 19:00 Ultrasound for Airway Management

Mohamed Elfeky
Mostafa Abolenin
Mohamed Abdelrahm

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**12 EGYPTIAN
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DAY 2
FRIDAY

Registration

08:00 - 09:00



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Lung Transplantation

09:30 - 11:30

Chairpersons

Alphabetical

Ayman Mokhtar
Bahaa Ewaiss
Gamal Foud
Mayar Elserisy
Mohamad Hashish

09:30 - 09:50 Medical Aspects of lung transplant

Fady Hamed

09:50 - 10:10 Cleveland clinic Abu Dhabi

Fady Hamed

10:10 - 10:30 Surgical Aspects of lung transplant

Mohamad Hussein

10:30 - 10:50 National Guard Experience

Mohamad Hussein

10:50 - 11:10 Critical Care aspects of lung transplantation

Adel Alansary

Prayer and Tea

11:10-12:30

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Fluid Therapy
09:30 - 11:30

Chairpersons

Alphabetical

Ahmed Abd El-Razek
Amr Helal
Mohsen Basyouni
Waleed Hemmimy
Yehia Abd Altawab

09:30 - 09:50	Available IV Fluids	Emad Fawzy
09:50 - 10:10	Heart Lung interactions: Concept of Fluid responsiveness	Ahmad Mustafa
10:10 - 10:30	ROSE Concept	Asmaa Bahi
10:30 - 10:50	Current Fluid controversies and Novel therapies	Ahmad Taha
10:50 - 11:10	Protocolized or individualized care or both in the ICU?	Antonio Gandra

Prayer and Tea

11:10-12:30

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Hot Topics 2

12:30 - 14:30

Chairpersons

Alphabetical

Ahmad Alshaer
Gamal Eliwa
Hadeel Magdy
Hany Al-Zahby
Randa Shokry
Waleed Altaher

12:30 - 12:45 How Do I use Non invasive Ventilation in ICU **Mustafa Alshazly**

12:45 - 13:00 Artificial Intelligence in ultrasonography **Jana Lanni**

13:00 - 13:15 Updates in Antifungal therapy in critically ill patients **Adel Alansary**



13:15 - 13:30 Update on ventilation integrated diagnostic **Thomas Stuht**

13:30 - 13:50 Renin versus lactic acid as Tissue perfusion Biomarkers in ICU. **Gamal Lotfy**

13:50 - 14:10 Thrombophilia simple and updated approach in ICU **Hany said Ismail**

14:10 - 14:30 Severe CAP, HAP, VAP what to do? **Adel Alansary**



Lunch Break
14:30 - 15:30



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THE PILLARS OF INTENSIVE CARE PRACTICE IN EGYPT



Liver Transplant
12:30 - 14:30

Chairpersons
Alphabetical

Alaa Koraa
Hatem Saeed
Mohamad Hossam Shokair
Reem Alkabareety
Sohair Farag
Waled Abdalh

12:30 - 12:45	Perioperative Nutrition in Liver Transplant	Hanaa Elgendy
12:45 - 13:00	Small-for-Size Living Related Liver Transplantation	Hythem Barakat
13:00 - 13:15	Living donor liver Transplantation in Egypt: Ain Shams University Experience	Iman Montasser
13:15 - 13:30	The Edge of Unknown: Postoperative Considerations in Liver Transplantation.	Heba Abd Alazim
13:30 - 13:45	Challenges in Living Donor Liver transplantation: 20 y experience	Hany Saeed
13:45 - 14:00	Current and future intensive Care Practice in Europe	Antonio Gandra
14:00 - 14:15	Community Acquired Pneumonia's Marvels	Noha El Sharnoby
14:15 - 14:30	Acute Kidney Injury in Open Heart Surgery Patients	Magdy Mamdouh

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Workshop

15:30 - 20:00 **Critical Care Ultrasonography**

Knobology and image optimization

RUSH Protocol: Rapid Ultrasound for Shock and Hypotension

BLUE Protocol: Bedside Lung Ultrasound in Emergency

Sameh Salem
Mohamed El Gendy
Ahmed Kamal
Suzan Mohamed Abdelkareem Mohamed
Ahmed Anwer Sobhy Shendy
Hythem Mohamed
Mamdouh Barakat
Haitham Mohy EIDin Mahmoud Othman
Waleed Abdalla
Mohammed Reda Abdelfattah Mohammed Ashour

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Workshop

15:30 - 20:00 Mechanical Ventilation

15:30 - 15:45	Introduction Overview of mechanical ventilation	Adel Alansary
15:45 - 16:30	Basic Principles of Mechanical Ventilation	Ahmad Monir
16:30 - 18:30	Case-based Discussions	Amr Hashem Nada Saeed Sara Hamdy Adel Alaa
18:30 - 19:30	Hands-on Simulation	All Instructors
19:30 - 20:00	Debriefing	Adel Alansary

15:30 - 20:00 TEE (Transesophageal Echo)

Basic TEE examination image acquisition.
Hemodynamic and left ventricular function assessment.
TEE added value in ICU different case scenarios.
Right ventricular function assessment.
Aortic artery assessment and disease

Heba Abdelazem

Farouk Kamal El-Din
Omar Sameh
Amr Hashem

20



BIOFIRE® BLOOD CULTURE IDENTIFICATION 2 (BCID2) PANEL

1 Test. 43 Targets. ~1 Hour.

GRAM-NEGATIVE BACTERIA

Acinetobacter calcoaceticus-baumannii complex
Bacteroides fragilis
 Enterobacteriales
Enterobacter cloacae complex
Escherichia coli
Klebsiella aerogenes
Klebsiella oxytoca
Klebsiella pneumoniae group
Proteus spp.
Salmonella spp.
Serratia marcescens
Haemophilus influenzae
Neisseria meningitidis
Pseudomonas aeruginosa
Stenotrophomonas maltophilia

GRAM-POSITIVE BACTERIA

Enterococcus faecalis
Enterococcus faecium
Listeria monocytogenes
Staphylococcus spp.
Staphylococcus aureus
Staphylococcus epidermidis
Staphylococcus lugdunensis
Streptococcus spp.
Streptococcus agalactiae
Streptococcus pneumoniae
Streptococcus pyogenes

YEAST

Candida albicans
Candida auris
Candida glabrata
Candida krusei
Candida parapsilosis
Candida tropicalis
Cryptococcus (C. neoformans/C. gattii)

ANTIMICROBIAL RESISTANCE GENES

Carbapenemases
 IMP
 KPC
 OXA-48-like
 NDM
 VIM

Colistin Resistance

mcr-1

ESBL
 CTX-M

Methicillin Resistance

mecA/C
mecA/C and MREJ (MRSA)

Vancomycin Resistance
vanA/B

Overall Performance: 99.0% sensitivity and 99.8% specificity¹

US FDA-cleared | CE 2797

Fast. Easy. Comprehensive.

Syndromic testing provides a streamlined workflow and fast, comprehensive results.



Identify Polymicrobial and Fungal Infections

Polymicrobial and fungal infections have the highest mortality and account for greater than 20% of healthcare associated bloodstream infections.³ Detect these infections with an expanded panel menu that provides gram-positive bacteria, gram-negative bacteria, and yeast results in one comprehensive report.

Gram-stain Directed Non-Comprehensive Panels



BIOFIRE BCID2 Panel



Shorten Time to Optimal Therapy

A local antimicrobogram together with fast syndromic testing and antimicrobial stewardship allows for timely and optimal patient treatment.^{4,5,6*}



With the rapid detection of 10 antimicrobial resistance gene targets, including a new target for more specific identification of MRSA, the BIOFIRE® BCID2 Panel provides opportunities to improve patient care.⁷

Panel Information

Storage Conditions: all kit components stored at room temperature (15-25 °C)

BIOFIRE BCID2 Panel Reagent Kit (30 Pouches): RFIT-ASY-0147



Scan the QR code for more information.

Learn more about the BIOFIRE range of commercially-available panels for syndromic infectious disease diagnostics.



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References

1. Overall performance is the aggregate of the prospective, archived, and seeded data from the clinical studies. Data on file, BioFire Diagnostics.
2. MacIntyre S, et al. (2019) J Clin Microbiol, 64(10):2455.
3. Wispflinghoff H, et al. (2004) Clin Infect Dis, 39:309-317.
4. Fardis J, et al. (2016) Diag Microbiol Infect Dis, 64(2):159-164.
5. Southern T, et al. (2015) Diag Microbiol Infect Dis, 81(2):96-101.
6. Mészáros K, et al. (2016) J Post Infect Dis Soc, 6(3):267.
7. Sparks et al. (2021) Pathology.

* Data generated using previous versions of this product.

Product availability varies by country. Consult your bioMérieux representative.

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