



Genetic and Metabolic Basis of Pediatric Cardiac Diseases “The New Era”

Welcome Message

Dear Professors and Colleagues,

It is our pleasure to invite you on behalf of both the Pediatric Cardiology and the Clinical Pathology departments, Cairo University, to our 2nd joint conference. This conference marks the end of the project “Egyptian Pediatric Cardiology Center of Excellence”

sponsored by the STDF to provide the latest technologies towards a healthy heart, establishing a new genetic lab with next generation sequencing technology, an advanced metabolic laboratory among other quality based services .

The theme of the conference is:

‘Genetic and Metabolic Basis of Pediatric Cardiac Diseases: The New Era’, to be held on the 12th - 13th April 2018.

The conference will dedicate hand in hand sessions for all aspects of congenital heart diseases and the state of art laboratory techniques used for diagnosis and management of heart problems .

We promise to offer an outstanding, state of the art scientific program as well as interesting cultural and social gatherings as the conference will be held in the great city of Cairo, Capital of Egypt, land of the Pharos, Sphinx and the pyramids .

We welcome you all as speakers, poster presenters, attendees and exhibitors chaired by experts in our vibrant field .

Presidents of the Conference:

Prof. Zeinab Salah

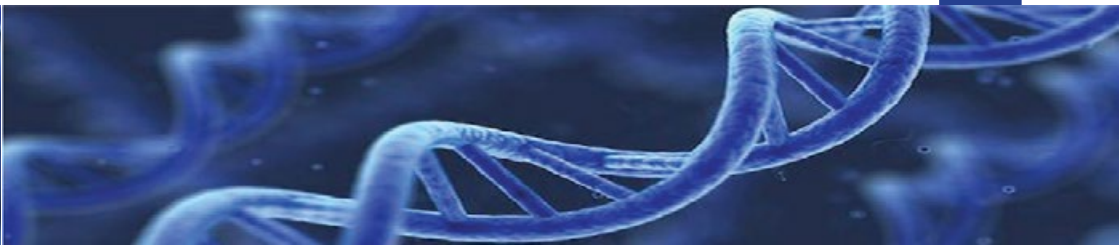
Head of the Project
Professor of Pediatric Cardiology

Prof. Hala Hamza

Head of the Pediatric Cardiology Department
Cairo University

Each presentation 12 minutes and discussion 3minutes

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Egyptian Pediatric Cardiology Center of Excellence Final Conference

Conference Coordinators

Osama Abdel Aziz
Antoine Fakhry
Mohamed Samir
Pakinam Abdel Aty
Asmaa Zakareya

Invited Faculty

Alessandro Frigiola	Italy
Antoon FM Moorman	Amsterdam
Arda Saygılı	Turkey
Carlo Dionisi Vici	Italy
Cristiano Rizzo	Italy
Dhavendra Kumar	England
Dietmar Shranz	Germany
Dirk Evers	Germany
Giuseppe Isgro	Italy
I.B. Vijayalakshmi	India
Ina Michel-Behnke	Germany
Mario Carminati	Italy
Markus Khalil	Germany
Mona El Ruby	Germany
Narayanswami Sreeram	Germany
Omar Galal	Saudi Arabia
Shivaprakasha Krishna	India
Tamer Owais	Germany
Uwe Trieschmann	Germany



Genetic and Metabolic Basis of Pediatric Cardiac Diseases "The New Era"

Scientific and Organizing Committee

In Alphabetical Order

Amal El Sisi
Amira Esmat
Aya Fattouh
Azza Abo El Enein
Dina Al Gayar
Dina Mehaney
Fadia Mahmoud
Fatma El Zahraa
Fawzan Shaloot
Hala Agha
Hala Hamza
Hanan Zekri
Hazem Abou Yousef
Hesham Shawky
Hossam Hassanein
Lamia Mansour
Maha Mourad
Mohamed Abdel Raouf

Mohamed About Ezz
Mohamed Fawzy
Nadida Gohar
Rabha El Shenawy
Rania El Kafass
Rania Kamal Darwish
Ranya Hegazy
Rasha Ammar
Reem Ibrahim
Rodina Sobhy
Sahar Shaker
Salwa Omran
Salwa Sharaf El Din
Sonia El Saiedi
Tarek Salah
Wael Lotfy
Yasser Menaissy
Zeinab Salah

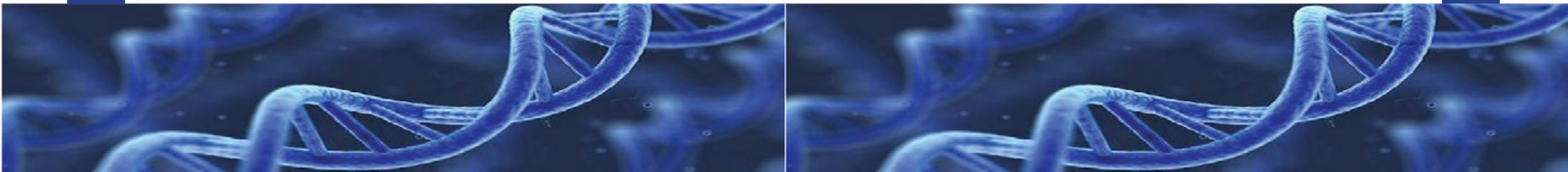


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Each presentation 12 minutes and discussion 3minutes

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Each presentation 12 minutes and discussion 3minutes



Egyptian Pediatric Cardiology Center of Excellence Final Conference



Day 1 Thursday
12th April 2018



Genetic and Metabolic Basis of Pediatric Cardiac Diseases "The New Era"

Thursday 12th April 2018

08:00-09:00 am	Registration		
09:00-09:30 am	The Pediatric Cardiology Department , Cairo University, the roadmap to an Egyptian Center of Excellence Zeinab Salah Hala Hamza		
09:30-10:35 am	1st session Cardiomyopathy		
	Chairpersons in alphabetic order: Azza Abo El Enein Dietmar Shranz Dhavendra Kumar Fadia Mahmoud Fawzan Shaltoot Nadida Gohar	Moderator: Sonia El Seidi	
09:30-09:50 am	Plenary Talk: Genetics in Cardiomyopathy	Dhavendra Kumar	England
09:50-10:05 am	Role of Next Generation Sequencing in clinical diagnosis and personalized patient care	Dirk Evers	Germany
10:05-10:20 am	Elucidation of genetic pattern in Egyptian patients with dilated cardiomyopathy	Dina Mehany	Egypt
10:20-10:35 am	Pattern of genetics in patients with hypertrophic cardiomyopathy	Sonia El Saiedi	Egypt

Each presentation 12 minutes and discussion 3minutes





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Thursday 12th April 2018

10:35-11:50 am	2nd session Intervention in Cardiology (1)		
	Chairpersons in alphabetic order:	Moderator:	
	Arda Saygili	Aya Fattouh	
	Hala Hamza		
	Mai Hamdy El Sayed		
	Mario Carminati		
	Rabha El Shenawy		
	Rasha Ammar		
10:35-10:50 am	Percutaneous pulmonary valve replacement: state of the art and future perspectives	Mario Carminati	Italy
10:50-11:05 am	Amplatzer duct occluder in rarest of rare conditions	I.B. Vijayalakshmi	India
11:05-11:20 am	Aortic stenting	Mai El Sayed	Egypt
11:20-11:35 am	PDA two sides of the coin	Rasha Ammar	Egypt
11:35-11:50 am	Residual VSD what is feasible ?	Aya Fattouh	Egypt
11:50-12:20 pm	Coffee Break		

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Each presentation 12 minutes and discussion 3minutes



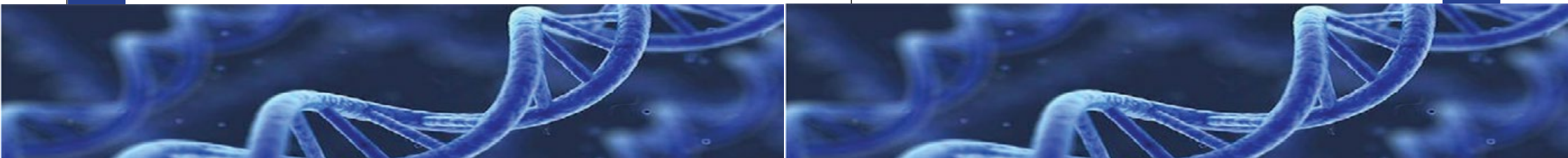
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Thursday 12th April 2018

12:20-01:35 pm	3rd session: Neonatal ICU		
	Chairpersons in alphabetic order:	Moderator:	
	Amal El-Sisi	Antoine Fakhry	
	Dalia Khairy		
	Maha Mourad		
	Salah El Amry		
	Sherif Azab		
	Zahra Ezz El Din		
12:20-12:35 pm	Pulmonary hypertension, what can we learn from nature	Dietmar Shranz	Germany
12:35-12:50 pm	Cardiorespiratory Interactions from the neonatal perspective	Iman Iskander	Egypt
12:50-01:05 pm	Updates in neonatal cardiac surgeries.	Alessandro Frigiola	Italy
01:05-01:20 pm	Controversy of PDA stents under economic strains	Amal El-Sisi	Egypt
01:20-01:35 pm	Cardiac surgeries in emerging economies	Shivaprakasha Krishna	India

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Each presentation 12 minutes and discussion 3minutes





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Thursday 12th April 2018

01:35-02:40 pm	4th session: Inborn errors of metabolism in Cardiac Diseases		
	Chairpersons in alphabetic order: Azza Oraby Carlo Dionisi Vici Hazem Abou Yousef Lamia Mansour Omnia Afify Salwa Omran	Moderator: Reem Ibrahim	
01:35-01:55 pm	Plenary talk: Cardiac manifestations of metabolic diseases	Carlo Dionisi Vici	Italy
01:55-02:10 pm	Role of metabolic lab in heart Disease	Cristiano Rizzo	Italy
02:10-02:25 pm	Is it time to retire the term idiopathic cardiomyopathy?	Zeinab Salah	Egypt
02:25-02:40 pm	Organic acidemia among ICU patients	Layla Abdel Moteleb	Egypt
02:40-03:10 pm	Coffee Break		


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Each presentation 12 minutes and discussion 3minutes



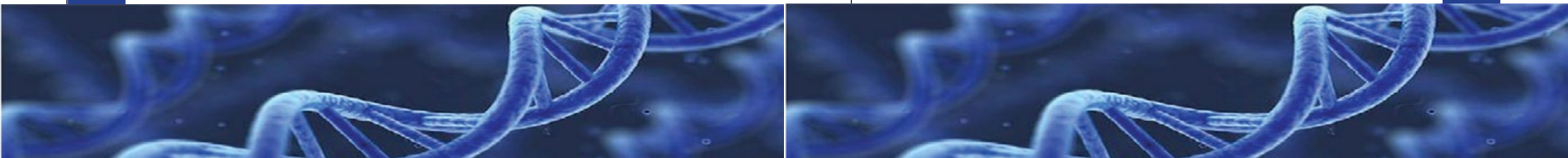
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Thursday 12th April 2018

03:10-04:25 pm	5th session: Pediatric ICU		
	Chairpersons in alphabetic order: Amr Zoeir Giuseppe Isgro Hala Farghaly Magdy Mostafa Mona El Ganzoury Uwe Trieschmann	Moderator: Hanan Zekri	
03:10- 3:25pm	Postoperative low Cardiac Output syndrome: from prevention strategies to new pharmacology treatment	Giuseppe Isgro	Italy
03:25-3:40 pm	Lung-ultrasound as an important bedside available tool in PICU	Uwe Trieschmann	Germany
03:40- 3:55pm	Challenges in Pediatric Post-Operative Cardiac ICU	Hanan Zekri	Egypt
03:55- 4:10pm	Cardiac Interventions in the era of Hybrid	Amira Esmat	Egypt
04:10- 4:25pm	Postoperative Cardiac interventions when and why??	Hala Agha	Egypt
04:25-04:40 pm	COSIMENA project by the DAAD  <small>Deutscher Akademischer Austauschdienst German Academic Exchange Service</small>		

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Each presentation 12 minutes and discussion 3minutes





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Thursday 12th April 2018

04:40-06:00 pm

6th session: Genetics of Cardiac Diseases

Chairpersons in alphabetic order:

Azza Abo El Enein

Dina Al Gayar

Dirk Evers

Mona El Ruby

Narayanswami Sreeram

Moderator:

Zeinab Salah

04:40-05:00pm

Plenary talk:

Benefits and drawbacks of next generation sequencing panels, Exomes and Genome

Dirk Evers

Germany

05:00-05:15 pm

Bioinformatics for medical genetics; crunching big genomic data for accurate and fast clinical practice

**Mohamed
Abou Elhoda**

Egypt

05:15-05:30 pm

Genetic basis in Arrhythmia

Dina Mehaney

Egypt

05:30-05:45 pm

Clinical, cytogenetic, molecular studies in CHD in Egyptian children: 15 years experience

Mona El Ruby

Egypt

05:45-06:00 pm

Cardiac Chamber formation with emphasis on the growth of the trabeculations and compaction and non-compaction

**Antoon FM
Moorman**

Amsterdam

06:00-07:00 pm

Opening Ceremony
Dinner

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Each presentation 12 minutes and discussion 3minutes



Genetic and Metabolic Basis of Pediatric Cardiac Diseases "The New Era"

The Opening Ceremony

Prof. Mohamed Osman El Khosht

Cairo University President

Prof. Amr Amin Mohamed Adly

Vice President for Research and Postgraduate Affairs, Cairo University

Prof. Fathy Khodair

Dean of Faculty of Medicine, Cairo University

Prof. Tarek Anis

**Vice Dean for Research and Postgraduate Affairs,
Faculty of Medicine, Cairo University**

Prof. Khaled Makeen El Refae

**Vice Dean for Community Service and Environment Development,
Faculty of Medicine, Cairo University**

Prof. Emad Hegazy

**Executive Director of Science and Technology Development Fund
(STDF)**

Prof. Iman Ehsan

Head of the Pediatric Department, Faculty of Medicine, Cairo University

Prof. Zeinab Salah

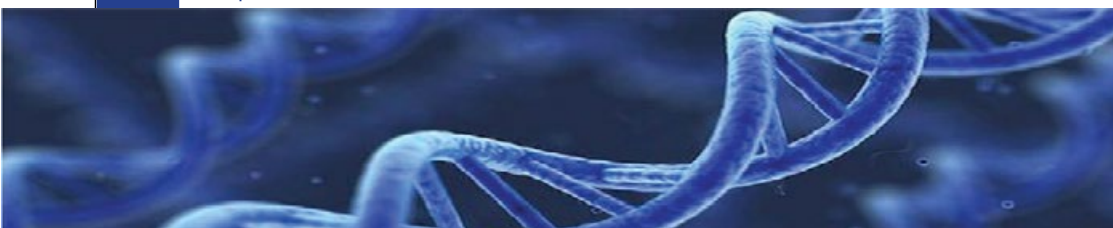
Principal Investigator of the project

Prof. Hala Hamza

**Head of the Pediatric Cardiology Department, Faculty of Medicine,
Cairo University, Center of Excellence**

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Each presentation 12 minutes and discussion 3minutes



Egyptian Pediatric Cardiology Center of Excellence Final Conference



Day 2 Friday
13th April 2018



Genetic and Metabolic Basis of Pediatric Cardiac Diseases "The New Era"

Friday 13th April 2018

09:15-10:45 am	1st session: Intervention in Cardiology (2) Chairpersons in alphabetic order: Ahmed Moawad Hala El Marsafawy I.B. Vijayalakshmi Mario Carminati Omar Galal Salwa Sharaf El Din	Moderator: Hala Agha	
09:15-09:30 am	Transcatheter PFO closure.Pros and Cons	Sahar El Shedoudy	Egypt
09:30-09:45 am	Different devices in different places	Hala Hamza	Egypt
09:45-10:00 am	Stenting complex coarctations	Mario Carminati	Italy
10:00-10:15 am	Pulmonary artery banding as palliation in cardiomyopathy	Dietmar Shranz	Germany
10:15-10:30 am	Safety and efficacy of transcatheter ASD closure guided by 2D echo :A case control study	Omar Galal	Saudi Arabia
10:30-10:45 am	Back to the fetal parallel circulation: atrial septostomy and the reversed Potts shunt as treatment option in pulmonary hypertension	Markus Khalil	Germany

Each presentation 12 minutes and discussion 3minutes

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Friday 13th April 2018

10:45-12:00 pm	2nd session: Echocardiography		
	Chairpersons in alphabetic order: Fatma Al Zahraa Mostafa Ossama Abd El Rasoul Sahar Shaker Sheta Salwa Omran Sameh Arab Wael abdel Aal	Moderator: Fatma Al Zahraa Mostafa	
10:45-11:00 am	The value of prenatal diagnosis and importance of fetal echocardiography	Arda Saygili	Turkey
11:00-11:15 am	VSD seen by different echo modalities	Sahar Shaker	Egypt
11:15-11:30 am	Role of TEE during VSD closure: optional or mandatory	Raghda Elsheikh	Egypt
11:30-11:45 am	Role of 3D TEE in Pediatric cardiac interventions	Nevin Mamdouh	Egypt
11:45-12:00 pm	Echo confronts era of cardiac CT and MRI	Rania Zakaria	Egypt
12:00-01:00 pm	Coffee Break and prayer time		

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Each presentation 12 minutes and discussion 3minutes



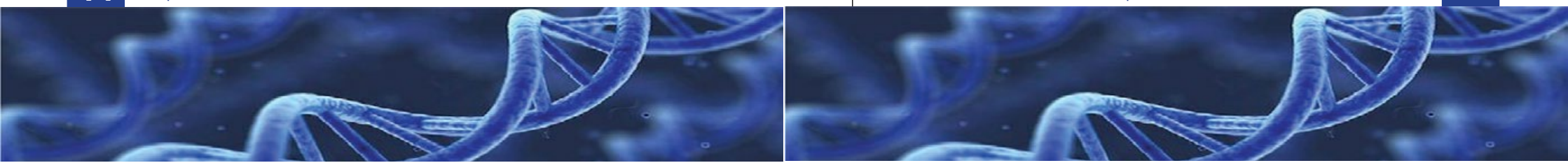
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Friday 13th April 2018

01:00-02:15pm	3rd session: Arrhythmia		
	Chairpersons in alphabetic order: Mervat Abul Maaty Narayanswami Sreeram Tamer Fahmy Wael Lotfy	Moderator: Ranya Hegazy	
01:00-01:15 pm	Broad complex arrhythmias	Narayanswami Sreeram	Germany
01:15-01:30 pm	Tachycardia induced cardiomyopathy	Osama Abdel Aziz	Egypt
01:30-01:45 pm	ECG findings in CHD interesting clues	Mervat Abul Maaty	Egypt
01:45-02:00 pm	Red Flags in Pediatric arrhythmia: spread the word	Ranya Hegazy	Egypt
02:00-02:15 pm	Catheter Ablation of ventricular arrhythmia in Ebstein anomaly	Narayanswami Sreeram	Germany
02:15-02:45pm	Coffee Break		

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Each presentation 12 minutes and discussion 3minutes





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Friday 13th April 2018

02:45-04:00 pm	4th session: Miscellaneous		
	Chairpersons in alphabetic order: Alyaa Kotby Aly Abd El Mohsen Aly Abou Zeid Hala Hamza Mohamed Abdel Al Salah Zaher	Moderator: Amira Esmat	
02:45-03:00pm	Can echo as a major criterion change the epidemiological face of rheumatic heart disease?	I.B. Vijayalakshmi	India
03:00-03:15pm	Role of beta blockers in dilated cardiomyopathy	Omar Galal	Saudi Arabia
03:15-03:30pm	Kawasaki disease case series	Magdy Abu El Kheir	Egypt
03:30-03:45pm	Acute heart failure ;which drugs are current state of the art in the ICU	Uwe Trieschmann	Germany
03:45-04:00pm	New Guidelines for the diagnosis of rheumatic fever: Do they apply in Egypt?	Alyaa Kotby	Egypt

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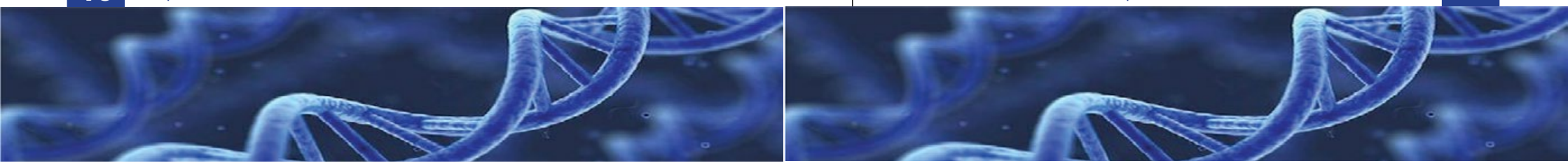
Friday 13th April 2018

04:00-05:30 pm	5th session: Cardiac Surgery		
	Chairpersons in alphabetic order: Alessandro Frigiola Hesham Shawky Mohamed Abdel Raouf Mohamed Abou El Ezz Mohamed Fawzy Yasser Menaissy	Moderator: Rania El Kafass	
04:00-04:15 pm	Congenital Coronary Fistula	Alessandro Frigiola	Italy
04:15-04:30 pm	150 cases of Mitral valve Repair	Hesham Shawky	Egypt
04:30-04:45 pm	Fontan versus Hybrid	Shivaprakasha Krishna	India
04:45-05:00 pm	Why is an ECMO program important in congenital cardiac surgery center	Giuseppe Isgro	Italy
05:00-05:15 pm	Rescue surgeries in post catheter intervention	Yasser Menaissy	Egypt
05:15-05:30 pm	Plan and strategy for mitral valve surgery	Tamer Owais	Egypt
05:30:06:00 pm	Symposium: Nutricia Advanced Medical Nutrition		



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Each presentation 12 minutes and discussion 3minutes





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Friday 13th April 2018

06:00-06:40 pm	6th session: Case Presentation Chairpersons in alphabetic order: Hany Adel Hassan Abu Seif I.B. Vijayalakshmi Mona Hafez Safa Hussein Ali Moderator: Osama Abd El Aziz
06:00-06:10 pm	Hossam Ibrahim
06:10-06:20 pm	Mohamed Samir
06:20-06:30 pm	Al Hossein Ahmed
06:30-06:40 pm	Ahmed Abdel Wahed
06:40-07:40 pm	Dinner

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Each presentation 12 minutes and discussion 3minutes

