



International  
College  
of Cardiology



# ICCD 11 2022

11<sup>th</sup> International Congress  
of Cardiology & Diabetes

October 21-22, 2022

Hilton Alexandria Green Plaza

## IN ASSOCIATION WITH

- Recent Advances in Echocardiography & Allied Techniques

## ENDORSED BY

- ISCU (international society of cardiovascular ultrasound, **USA**)
- ICC (international college of cardiology)
- EgSC (The Egyptian Society of Cardiology), **Egypt**

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ORGANIZED BY



# Day 1, Friday 21.10.2022

## ROOM A

**09:00 - 10:00**

**SESSION 1**

### **ATHEROSCLEROSIS: FROM PREVENTION & IMAGING, TO INTERVENTION**

CHAIRPERSONS: Galal E. Nagib Elkilany, USA - Islam Shawky, Egypt

MODERATORS: Ehab Hamdy, Egypt - Salah Altahan, Alex, Egypt

- 09:00 - 09:12      Screening subclinical atherosclerosis: Current evidence and future  
**Timir Paul, USA**
- 09:15 - 09:27      Arterial stiffness: a neglected parameter of subclinical atherosclerosis  
**Pasquale Palmiero, Italy**
- 09:30 - 09:42      Molecular remodeling in hearts of patients with coronary artery disease  
**M.-Saadeh Suleiman, UK**
- 09:45 - 09:57      Regression of atherosclerosis: Beyond drugs.  
**Rajeef Gupta, UAE**

**10:15 - 10:30**

**PLENARY SESSION A**

CHAIRPERSONS: Magdy Abdelhamid, Egy - Osama Elmaraghi, Kuwait

MODERATORS : Helmy ALGhawaby, Cai, Egypt - M.Ayman AbdelHay, Alex, Egypt

- 10:15 - 10:27      What is new in echocardiography in the assessment of heart failure  
with preserved ejection fraction (HFpEF)  
**Navin Nanda, President of ISCU, USA**

**10:30 - 11:30**

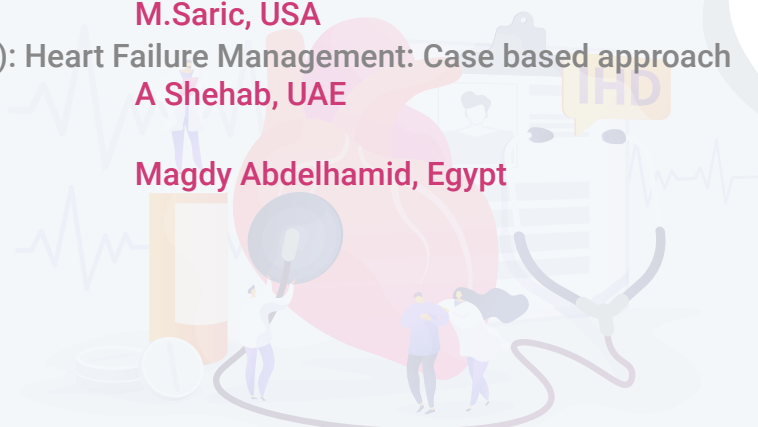
**SESSION 2**

### **HEART FAILURE "UPDATE"**

CHAIRPERSONS: Hala Mahfouz, Egy - Krassimira Hristova, Bulgaria - Mohamed Sobhy, Alex, Egypt

MODERATORS: Jan Fedacko, Slovakia - Sahar Hamdy, Alex, Egypt

- 10:30 - 10:42      Cardiac amyloidosis: The role of multimodality imaging  
**Fabiola Sozzi, Italy**
- 10:45 - 10:57      Structural Heart Disease (Stage II): Multimodality (3D echo, CT etc)  
imaging for structural heart disease,  
**M.Saric, USA**
- 11:00 - 11:12      Management of HFrEF (Stage III): Heart Failure Management: Case based approach  
**A Shehab, UAE**
- 11:15 - 11:27      Management of HFpEF in 2022  
**Magdy Abdelhamid, Egypt**



# Day 1, Friday 21.10.2022

## ROOM A

### 11:30 - 12:30 **SESSION 3** **VALVULAR HEART DISEASE : MAYO CLINIC SESSION USA**

CHAIRPERSONS: Ekram Sadek, Egypt - Joseph Maalof, USA

MODERATORS: Ehab Hamdy, Egypt - Hoda Shehata, Alex, Egypt

- 11:30 - 11:42 The Utility of Strain Imaging in Valvular Heart Disease  
Sunil Mankad, Mayo Clinic, USA
- 11:45 - 11:57 Stress Cardiomyopathy in Mayo Clinic  
Tahir Tak, USA
- 12:00 - 12:12 Re-defining the congenital bicuspid aortic valve condition:  
New international consensus on classification and nomenclature  
Hector Michlana, Mayo Clinic, USA
- 12:15 - 12:27 3D Echocardiography to Identify Mitral Valve Pathology in Mitral Regurgitation  
S Mankad, Mayo Clinic, USA

### 12:45 - 13:00 **OPENING CEREMONY**

2 minutes for each (Alexandria U, UAB-USA, ICC, EGSC)

INTRODUCTION: Galal Nagib Elkilany, USA

REPRESENTATIVES: Islam Shawky, Egypt - Mohamed Sobhy, Egypt - N. Nanda, USA  
- O Elmaraghy, Kuwait

### 13:00 - 14:00 **SESSION 4** **WORLD HYPERTENSION LEAGUE**

CHAIRPERSONS: Gamela Nasr, Egypt - J Maalof, USA - Wafaa Alarousy, Egypt

MODERATORS: Eman Alsharqawy, Alex, Egypt - Ehab Hamdy, Egypt

- 13:00 - 13:12 Obesity and hypertension - Is this a pediatric disease too?  
Aarti Bhat, USA
- 13:15 - 13:27 Episodic Hypertension  
Verma, India
- 13:30 - 13:42 Blood pressure variability in health and disease  
G. Cornelissen, USA
- 13:45 - 13:57 Blood pressure variability in women with ischemic heart diseases  
in cardiovascular rehabilitation  
Siegelova J, CZ

### 14:00 - 14:30 **LUNCH**



# Day 1, Friday 21.10.2022

## ROOM A

### 14:30 - 15:30 **SESSION 5** **MULTIDISCIPLINE APPROACH TO DIABETIC PATIENT AT RISK FOR CARDIOVASCULAR EVENTS**

CHAIRPERSONS: **Kawkab Khedr, Alex, Egypt - Ram Singh, India**

MODERATORS: **Ikram Sadek, Egypt - Mahmoud Shehata, Alex, Egypt**

14:30 - 14:45 Should cardiologists and diabetologists routinely use a hand-held ultrasound device for point-of-care (POCUS) as an adjunct to the stethoscope?

**Robert Gatewood, MD, USA**

14:45 - 15:00 Infertility in Diabetes

**Soheir Said, MD, Egypt**

15:00 - 15:15 Neuro-cardioprotective effects of SGLT2 Inhibitors in heart failure

**Ram Singh, India**

15:15 - 15:30 Cardioprotective anti-hyperglycemic medication - further directions

**Elizabeta Kostovska, Macedonia**

### 15:30 - 16:45 **SESSION 6** **MODERN MANAGEMENT OF DIABETES & CARDIOVASCULAR DISEASE**

CHAIRPERSONS: **Jan Fedacko, Slovakia - Osama Elmaraghy, Kuwait**

MODERATORS: **Gehan Magdy, Alex, Egypt - Mai Salama, Egypt**

15:30 - 15:42 DM and CAD: The effect of diabetes on cardiac energetics of patients with coronary artery disease

**M.-Saadeh Suleiman, UK**

15:45 - 15:57 DM and Heart Failure: Diabetic cardiomyopathy: Diagnostic modalities and novel therapies

**Timir Paul, USA**

16:00 - 16:30 Transferring Trial results to clinical practice in a symptomatic CV disease (sponsored by Boehringer)



**Osama El Maraghi, Kuwait**

16:30 - 16:42 Lifestyle changes, in combination with Momordica charantia, can be used effectively to treat diabetes, obesity and hypertension

**Manal, Algeria - Jaipaul Singh, UK**



# Day 2, Saturday 22.10.2022

# ROOM A

## 09:00 - 10:00

## SESSION 7

### INSULIN RESISTANCE, OBESITY, DYSLIPIDEMIA & CVD

CHAIRPERSONS: **Kawkab Khedr, Egypt - M.Moshiri, Canada - Osama Elmaraghi, Kuwait**

- 09:00 - 09:12 Treatment of dyslipidemia in Diabetic patients?  
How and what do the guidelines say **Pepe Zamorano, Spain**
- 09:15 - 09:27 Novel anti-diabetic drugs for obesity **Osama Elmaraghi, Kuwait**
- 09:30 - 09:42 PCSK9 inhibition for LDL lowering and beyond: Plaque stabilization in ACS  
**Amrish Agrawal, UAE**
- 09:45 - 09:57 DM and CKD: A-Clinical Revelations in SGLT2 Inhibition to Reduce Progression of CKD  
**Osama Elmaraghi, Kuwait**

## 10:00 - 10:30

## PLENARY SESSION (A)

### IMAGING AND INTERVENTION OF ATHEROSCLEROTIC PLAQUE & MYOCARDIAL HIBERNATION IMAGING

- 10:00 - 10:12 Seeing is believing, visualizing long term risk: Vulnerable plaque versus vulnerable patient  
**Mohamed Sobhy, Egypt**
- 10:15 - 10:27 Scintigraphic identification of Hibernating Myocardium  
**Amolak Singh, USA**

## 10:30 - 11:30

## SESSION 8

### EVALUATION AND MANAGEMENT OF HIGH RISK POPULATION AND INHERITED HEART DISEASES

CHAIRPERSONS: **Mohamed Ayman Abdel-hay, Egypt - Navin C Nanda, USA**

MODERATORS: **Gamela Nasr, Egypt - Mohamed Sobhy, Egypt**

- 15:30 - 15:42 Pre-operative risk stratification and Management  
**A Shehab, UAE**
- 15:45 - 15:57 Coronary intervention in high risk diabetic patient  
**Mohamed Elseteha, Egypt**
- 16:00 - 16:12 Echocardiography for Pregnancy in Women with Heart disease  
**Reema Chugh, USA**
- 16:15 - 16:27 Sudden death in mitral valve prolapse  
**Olga Vriza, MD, KSA**

## 11:30 - 12:00

## COFFEE BREAK



# Day 2, Saturday 22.10.2022

# ROOM A

**12:00 - 13:00**

## **SESSION 9**

### **HOW TO IDENTIFY PATIENTS AT RISK OF SUDDEN CARDIAC DEATH (HYPERTROPHIC CARDIOMYOPATHY, FAMILIAL HYPERCHOLESTEROLEMIA, LONG QT SYNDROME, CATECHOLAMINERGIC POLYMORPHIC VENTRICULAR TACHYCARDIA, AND BRUGADA SYNDROME)**

CHAIRPERSONS: **Dewan Majid, USA - Omar K. Hallak, UAE**

- 12:00 - 12:15 ECG: Considering the risk of QTc prolongation in patients with diabetes mellitus  
**Hassan Khaled, Egypt**
- 12:15 - 12:30 Echocardiography in Hypertrophic Cardiomyopathy  
**Olga V., KSA**
- 12:30 - 12:45 Echocardiography for EP procedures  
**Chittur Sivaram, MD, USA**
- 12:45 - 13:00 Advanced lung ultrasound in Cardiac Care  
**Hatem Aboumarie, UK**

**13:00 - 13:30**

## **INTERESTING CASE PRESENTATION**

CHAIRPERSONS: **Abdulla Shehab, UAE - Magdy Abdelhamid, Egypt**

- 13:00 - 13:15 Structural heart intervention, interesting cases  
**Asad Ullah Roomi, MD, KSA**
- 13:15 - 13:30 Optimal PCI therapy for complex CAD  
**Mohamed Sobhy, Egypt**

**13:30 - 14:00**

## **LUNCH**



# Day 2, Saturday 22.10.2022

## ROOM A

### 14:30 - 15:15

### SESSION 10

#### COURSE IN GENOME

CHAIRPERSONS: **Amr Zaki, Egypt - H Elgawaby, UK - Ram Singh, India**

14:30 - 14:45 MSC Exosomes in the treatment of myocardial ischemia- emerging concepts  
**Mehta, USA**

14:45 - 15:00 Gene therapy to treat diabetic mitochondrial dysfunction and cardiomyopathy  
**Manal, Algeria**

15:00 - 15:15 mRNA and miRNA research and treatment  
**Jan Fedacko, Slovakia**

### 15:30 - 16:15

### SESSION 11

#### COURSE IN NUCLEAR IMAGING & CMR

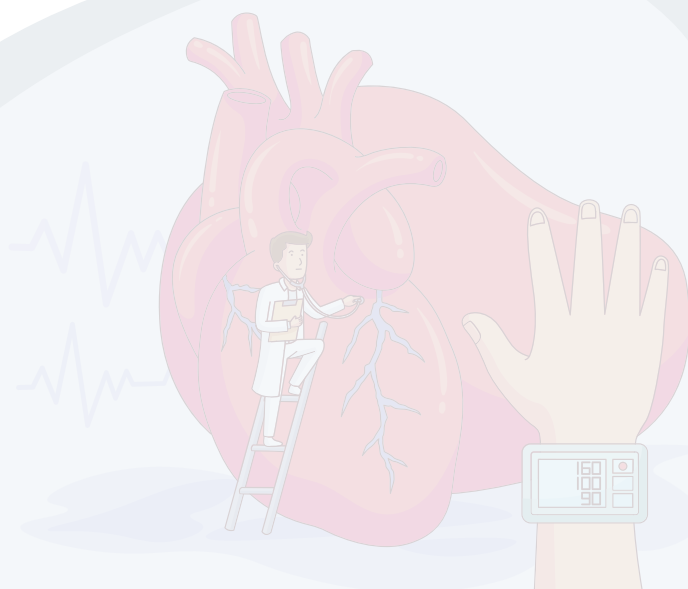
CHAIRPERSONS: **Hala Mahfouz, Egypt - Islam Shawky, Egypt**

MODERATORS: **Magdy Abdelhamid, Egypt - M. Hasanin, Alex, Egypt**

15:30 - 15:45 Myocardial Perfusion Imaging in High Risk Population  
**Islam Shawky, Egypt**

15:45 - 16:00 How to avoid pitfalls in the interpretation Myocardial SPECT  
**Amolak Singh, USA**

16:00 - 16:15 Cardiac MRI: Clinical Application  
**F Sozzi, Italy**



# Day 2, Saturday 22.10.2022

## ROOM B

### RECENT ADVANCES OF ECHOCARDIOGRAPHY & ALLIED TECHNIQUES

DIRECTORS: Ehab Hamdy - Hala Mahfouz

#### 10:00 - 11:00 COURSE (A) RIGHT VENTRICULAR IMAGING AND INTERVENTION

CHAIRPERSONS: J. Maalof, USA - Mai Salama, Egypt - M.Ayman AbdelHay, Egypt

MODERATORS: Raghda AlGhoneimy, Egypt, Hoda Shehata, Alex, Egypt

- 10:00 - 10:12 Right ventricular dysfunction as a predictor of an adverse prognosis in patients with HFrEF  
Viktoria Skidan, Mayo Clinic
- 10:15 - 10:27 How to assess today tricuspid regurgitation: The need of a new classification  
Zamorano, Spain
- 10:30 - 10:42 Two- and three-dimensional echocardiography of the tricuspid valve: Implications for trans-catheter repair replacement  
Navin Nanda, USA
- 10:45 - 10:57 Right atrial and right ventricular free wall longitudinal strain in pulmonary hypertension  
Nilda Espinola - Zavaleta, MD, PhD, Mexico

### RECENT ADVANCES OF ECHOCARDIOGRAPHY & VASCULAR US

#### 11:30 - 12:30 COURSE (B) STRUCTURAL HEART DISEASE: IMAGING & INTERVENTION

CHAIRPERSONS: Amr Zaki, Egypt - Mohamed El-Seteha, Egypt

MODERATORS: Antoine Lafont, France - Mohamed Sobhy, Egypt

- 11:30 - 11:42 Evaluating Doppler wave forms and cardiovascular structure using gain independent pixel density  
L J Frazin, USA
- 11:45 - 11:57 3D Echocardiography for Guiding Mitral and Tricuspid valve Interventions  
Sunil Mankad, USA
- 12:00 - 12:12 Multimodality Imaging in Guidance for Trans-catheter Native Mitral Valve Replacement with the Tendyne system  
Domenico Galzerano, Italy
- 12:15 - 12:27 Atherosclerotic Plaque: Assessing the impact of LDL-C Lowering & Distinguishing Imaging Modalities  
Mohamed Sobhy, Egypt





# Day 2, Saturday 22.10.2022

## ROOM B

### 12:30 - 13:30

### COURSE (C)

## RECENT ADVANCES IN CARDIAC ULTRASOUNDS IN EMERGENCY

CHAIRPERSONS: Ekram Sadek, Egypt - Hala Mahfouz, Egypt - Maurizio Campaniello, Italy

MODERATORS: Eman Alsharqawy, Alex, Egypt - Noha Hesham Fouad, Alex, Egypt

- 12:30 - 12:42      Advanced Echocardiography in cardiogenic shock  
Hatem Soliman Aboumarie, UK
- 12:45 - 12:57      3D echocardiography in infective endocarditis in ER  
Domenico Galzerano, Italy
- 13:00 - 13:12      Complications during trans-catheter procedures:  
Role of echocardiography in diagnosis and management  
Navin Nanda, USA
- 13:15 - 13:27      Role of echocardiography for assessment cardio toxicity  
K Hristova, Bulgaria

### 14:30 - 15:30

### COURSE (D)

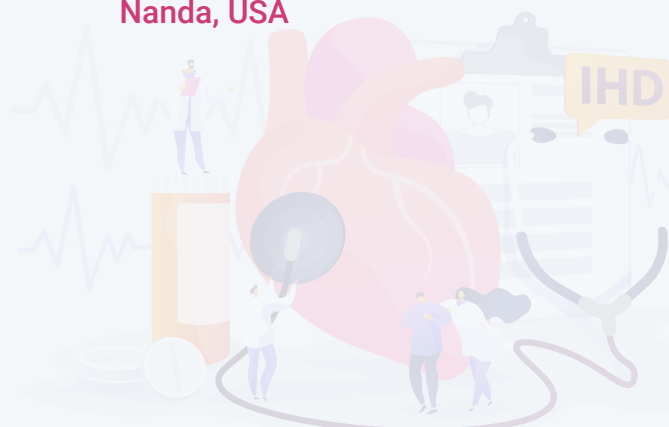
## RECENT ADVANCES IN ECHOCARDIOGRAPHY & ALLIED TECHNIQUES

## DIASTOLIC HEART FAILURE SYNDROME

CHAIRPERSONS: Aarti Bhat, USA - Rajeev Gupta, UAE - Magdy Elmasry, Egypt

MODERATORS: Doaa Alkholi, Alex, Egypt - Goudi Risk, Alex, Egypt

- 14:30 - 14:42      Stress testing or coronary angiography in patients with end stage renal disease and diabetes mellitus being considered for renal transplant what is appropriate?  
Kul Aggrawal, USA
- 14:45 - 14:57      The echocardiographic diagnosis of Rheumatology Disease "a differential diagnosis"  
L. Elif Sade, MD, Turkey
- 15:00 - 15:12      Diastology assessment in HFpEF (A special clue to Cardiac Imaging of amyloidosis)  
Fabiola Sozzi, Italy
- 15:15 - 15:27      Newer clinical applications of echocardiography in the past 5 years  
Nanda, USA



# Day 2, Saturday 22.10.2022

## ROOM B

**15:30 - 16:30**

**COURSE (E)**

### **CHD & RECENT ADVANCES IN CARDIAC IMAGING**

CHAIRPERSONS: **Aarti, USA - Viktoria Skidan, Mayo Clinic - Hossam Warda, Alex, Egypt**

MODERATORS: **Ibtisam Khairat, Tanta, Egypt - Hazem Warda, Alex, Egypt**

15:30 - 15:42 congenital heart disease, How to approach to CHD case?

**Aarti, USA**

15:45 - 15:57

Late gadolinium enhancement of the left ventricle in patients with Ebstein's anomaly

**Nilda Zavaleta, Mexico**

16:00 - 16:12

Artificial Intelligence in Cardiovascular imaging

**Bernhard Mumm, Germany**

16:15 - 16:27

Echocardiography for EP procedures

**Chittur Sivaram, MD, USA**

