



**XXVI World Congress of Echocardiography
& Allied Techniques Cardiology & Diabetes**
with X International Congress of Cardiology & Diabetes
 29th -31st October 2021
 Movenpick Grand Al Bustan, Dubai UAE
 Endorsed by GHA (Gulf Heart Association)



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Scientific Committee Includes

- ▶ **Aarti Bhat**, MD, FASE, FACC, Associate Professor, Pediatrics, Director, **Heart Center Quality Improvement, Seattle Children's Hospital, Seattle, WA, USA**
- ▶ **Abdullah Alwash**, MBBS, COVID 19 Team, **MOH, UAE**
- ▶ **Abdulla Shehab**, MD, DipMed, MMED, PHD, CCST, FRCP, FACP, FESC, FACC, FSCAI, FAHA, Professor and Consultant of Interventional Cardiology, Chief Editor of **New Emirates Medical Journal, UAE**
- ▶ **Ahmad El Kamaly**, MD, Consultant and Chairman of Paediatric Cardiology department, **Alqassimi Hospital, Sharjah, UAE**
- ▶ **Amrish Agrawal**, MD, DM Card, FACC, FRCP Glasg, FRCP Edin, MRCP UK, FCCP, FCSI, Fellow Cardiology (Australia) Senior Consultant Cardiologist, Associate Professor of Medicine, **Fujairah Hospital, Fujairah, UAE**
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- ▶ **Domenico Galzerano**, MD, FESC, FEACVI, Professor of Medicine, **Alfaisal University, College of Medicine , Affiliate Harvard Medical School International, Consultant Cardiology, The Heart Centre, CV imaging, King**
- ▶ **Eduardo Bossone**, MD, PhD, FCCP, FESC, FACC, Director of Cardiology Division, **Antonio Cardarelli Hospital, Naples, Italy**
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- ▶ **Fabiola Sozzi**, MD, Associate Professor of Cardiology, **Milan, Italy**
- ▶ **Galal E. Nagib-Elkilany**, M.B.Ch.B., MSc MD, PhD, FESC, FISCU, FIACS, "Clinical Professor and Consultant of Cardiology and Cardiovascular medicine, **Dubai Medical University Hospital, Dubai, UAE, Consultant Cardiologist at ZIA Medical Center, Dubai and Elaj Medical Centerl, Ajman UAE, since 2020, President of ICC and Middle East chapter of ISCU**
- ▶ **Germaine Cornelissen Guillaume**, PhD, Integrative Biology and Physiology Director, **Halberg Chronobiology Center Coordinator, Project on the BIOSphere and the COSmos (BIOCOS) University of Minnesota, USA**
- ▶ **Hala Mahfouz Badran**, MD, FESC, FRCP, Professor of Cardiology, Vice Chairman of **Working Group of Echocardiography of EgSC, Director of Yacoub Research Unit., Professor of Cardiology, Menofyia University, Egypt**
- ▶ **Hatem Soliman Aboumarie**, MBBS, MSc, MRCP, EDICM, FHEA, FEACVI, FASE, Consultant in Cardiothoracic Intensive Care, **Harefield Hospital, Royal Brompton and Harefield Hospitals, Honorary Senior Lecturer, King's College London, UK**
- ▶ **Hossam Abdelaziz**, MD, Consultant Cardiologist at **Dubai Hospital, UAE**
- ▶ **Islam Shawky**, MD, Professor of Cardiology, **Al Azhar University, Cairo, Egypt, Vice President, Egyptian Society of Cardiology**
- ▶ **Jaipaul Singh**, BSc, Dip Ed, PhD, DSc, Previously Professor of Physiology and Research Degree Tutor (RDT); Now Emeritus Professor, School of Natural Sciences, **University of Central Lancashire, Lancashire, England, UK**
- ▶ **Jan Fedacko**, MD, Associate Professor of Internal Medicine, **PJ Safarik University, Kosice, Slovakia**
- ▶ **Jose Zamorano**, MD, Vice President ESC, **University Hospital Ramon y Cajal, Head of Cardiology Department, Madrid, Spain**
- ▶ **Krasimira Hristova**, MD Professor of Cardiology, Department of Intensive Cardiology, **National Heart Hospital, Sofia, Bulgaria**

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- ▶ **Olga Vriza, MD**, Consultant, Adult Cardiology, **King Faisal Specialist Hospital and Research Center, Professor at Alfaisal University School of Medicine, Riyadh, KSA**
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- ▶ **Reema Chugh, MD, FACC**, Cardiology Consultant, Specialist in Adult Congenital Heart Disease and Heart Disease in Pregnancy, **Kaiser Permanente Medical Center, Panorama City, California, USA**
- ▶ **Rekha Mankad, MD, FACC, FASE**, "Assistant Professor of Medicine, Department of Cardiovascular Medicine, **Mayo Clinic, Rochester, MN USA**"
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- ▶ **Saadeh Suleiman, PhD, DSc, FIACS, FRSB**, Professor of Cardiac Physiology, **University of Bristol, UK**
- ▶ **Sherif Baathallah, MD Ph.D**, HOD of Pediatrics, **Masafi Hospital, EHS, UAE**, Associate Professor Of Pediatrics & Genetics, **RAK University, UAE**
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- ▶ **Waheed Farid, MD**, Consultant Cardiology, **Dibba Al Fujairah, UAE**
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- ▶ **Abdullah Al Shafi Majumder, MBBS, FCPS, FACC, FRCP, FESC, FSCAI, FCSI, FASE, FAPSCI, "Professor of Cardiology, Director & Consultant of Cardiology", "Popular Medical College, Dhaka, Bangladesh Specialised Hospital, Dhaka"**
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- ▶ **Fabiola Sozzi, MD, Associate Professor of Cardiology, Milan University and Consultant Cardiologist at Milano Maijore, Italy**
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- ▶ **Germaine Cornelissen Guillaume, PhD, Integrative Biology and Physiology Director, Halberg Chronobiology Center Coordinator, Project on the BIOSphere and the COSmos (BIOCOS) University of Minnesota, USA**

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- ▶ **Hatem Soliman Aboumarie**, MBBS, MSc, MRCP, EDICM, FHEA, FEACVI, FASE, Consultant in Cardiothoracic Intensive Care, **Harefield Hospital, Royal Brompton and Harefield Hospitals, Honorary Senior Lecturer, King's College London, UK**
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- ▶ **Krasimira Hristova**, MD, Professor of Cardiology, Department of Intensive Cardiology, **National Heart Hospital, Sofia, Bulgaria**
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- ▶ **L. Elif Sade**, MD, Professor of Cardiology **Baskent University Ankara Turkey**, Vice President Echo Section, **European Association of Cardiovascular Imaging - EACVI, Chair, IRT Committee, EACVI, Turkey**
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- ▶ **Maurice Guirgis, MD**
- ▶ **Maurizio Campaniello, MD, Department of Cardiology, University Hospital Polyclinic, Bari, Italy**
- ▶ **Mikhail Alekhin, MD, PhD, "Vice President of the Russian Association of Specialists in Ultrasound Diagnostics in Medicine (RASUDM), Professor of the Department of Internal Medicine, Cardiology and Functional Diagnostics with a Course of Nephrology of the Central State Medical Academy of the Presidential Administration of the Russian Federation, Head of the Functional Diagnostics Department of the Central Clinical Hospital of the Presidential Administration of the Russian Federation"**
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- ▶ **Mohamed Ayman Abdel-Hay, PhD, MD, Professor of Cardiology, Director of Adult Echocardiography Laboratory, Faculty of Medicine, Alexandria University**
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- ▶ **Naranjan Dhalla, PhD, MD, (Hon), DSc (Hon), Distinguished Professor, Univ. of Manitoba, St. Boniface Hospital Albrechtsen Research Centre, Winnipeg, Manitoba, Canada**
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- ▶ **Nilda Espinola-Zavaleta, MD, PhD, FACC, FASE, FESC, Cardiologist, National Institute of Cardiology, Ignacio Chavez, Mexico City, Mexico**
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- ▶ **Pasquale Palmiero, MD, President ISCU Italian Chapter, Professor of Cardiovascular Diseases, Medical School, Bari University, Italy**
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- ▶ **Sivasubramanian Ramakrishnan**, MD, DM, FACC, "Professor of Cardiology, **All India Institute of Medical Sciences, New Delhi, India**, Editor in Chief, **Annals of Pediatric Cardiology, India**"
- ▶ **Smadar Kort**, MD, FACC, FASE, FAHA, Past Governor, **American College of Cardiology, Downstate New York**, Professor of Medicine, Director, **Valve Center**, Director, **Non-Invasive Cardiac Imaging Director Echocardiography, NY, USA**
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- ▶ **Tahir Tak**, MD, PhD, FESC, FACC, FICA, Consultant Cardiovascular Diseases, **Mayo Clinic, Rochester, Minnesota, USA**
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- ▶ **Tuğba Kemalolu Oz**, MD, "Board Member of Cardiovascular Academy, Head of Echocardiography Laboratory, **Liv Hospital Ulus/Istinye University, Istanbul, Turkey**"
- ▶ **Vadim A Kuznetsov**, MD, Professor of Cardiology, **Tyumen Cardiology Center, National Research Medical Russian Federation, Tyumen, Russia**
- ▶ **Vera Rigolin**, MD, FASE, FACC, FAHA, Professor of Medicine, **Northwestern University Feinberg School of Medicine**, Medical Director, Echocardiography Laboratory, **Northwestern Memorial Hospital, Chicago, Illinois, USA**
- ▶ **Vinod Vijan**, MD, Head Cardiologist, **Vijan Hospital, Institute of Excellence in Cardiovascular Ultrasound, Nasik, Maharashtra, India**

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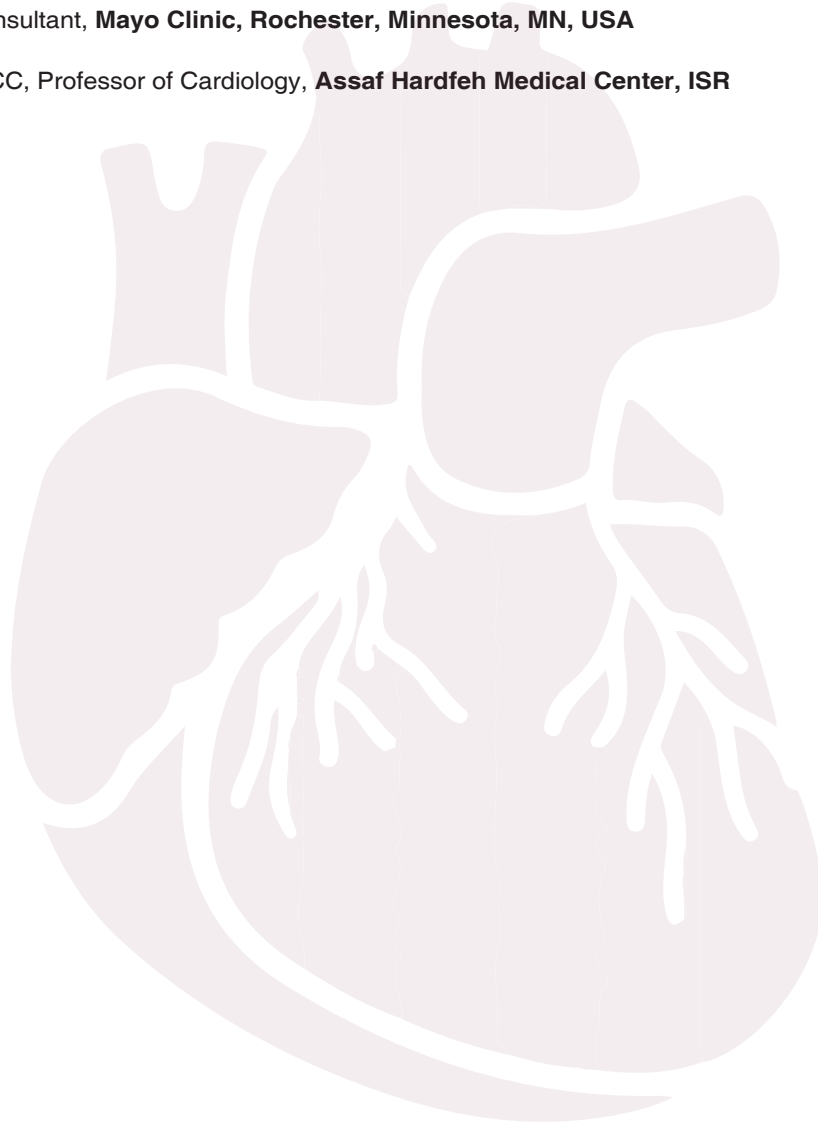
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- ▶ **Virginia Michelis, MD, FACC, Cardiologist at the Uruguyan Armed Forces Hospital, Motevideo, Uruguay**
- ▶ **Vito Maurizio Parato, MD, FACC, FESC, Director of Cardiology Unit and EchoLab of Emergency Department, at Madonna del Soccorso Hospital, San Benedetto del Tronto, Marche Region, Professor of Cardiology at Medical School of 'Politecnica delle Marche' University, Italy, ASUR Marche - M. del Soccorso Hospital – San Benedetto T. (Italy), Y - from 29 October**
- ▶ **Wael Abdulrahman Almahmeed, MD, FRCPC, Consultant Cardiologist at the Heart and Vascular Institute in Cleveland Clinic Abu Dhabi, Clinical Assistant Professor at the UAE University, Adjunct Staff at Cleveland Clinic, UAE**
- ▶ **Youssef Maalouf, MD, Consultant, Mayo Clinic, Rochester, Minnesota, MN, USA**
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CONGRESS DAY 1: FRIDAY, 29 October 2021

Hall (A): Diabetes and Cardiovascular Diseases

08:00 - 09:00	REGISTRATION AND REFRESHMENTS	
Session 1: Diabetes and Heart Failure		
Chair - Wael Almahmeed, UAE and Magdy AbdelHamid, Egypt		
09:00 - 09:15	Cardiomyopathy in diabetes mellitus and metabolic syndrome	Sibel Catirli Enar, Turkey
09:15 - 09:30	Effects of ageing in the development of diabetic cardiomyopathy	Jaipaul Singh, UK
09:30 - 10:00	SGL2 Inhibitors in chronic heart failure	JP Sharma, India
10:00 - 10:15	Treatment of HF in diabetic patients in 2021	Magdy Abdelhamid, Egypt
Session 2		
Chair - Abdullah Shehab, UAE and Osama Emaraghy, Kuwait"		
Sponsored By: International Academy of Cardiovascular Science (IACS), Canada		
10:15 - 10:30	Cardiac dysfunction in chronic diabetes on behalf of the IACS	Galal N Elkilany, USA
10:30 - 10:45	Diabetes and cardiovascular disease : Who needs intervention	Tahi Tak, USA
10:45 - 11:15	Evidence for the pathogenesis and new therapy for heart disease in diabetes	Naranjan Dhalla, Canada
11:15 - 11:30	Diabetes mellitus: The role of echocardiography in the diagnosis of subclinical myocardial dysfunction and treatment	Nilda Espinola-Zavaleta, Mexico
11:30 - 11:45	OPENING CEREMONY	
11:45 - 12:15	Pioneering developments in the field of echocardiography	Navin C Nanda, International, USA
12:15 - 13:30	PRAYER AND LUNCH BREAK	
13:30	SYMPOSIUM ONE: World Hypertension League	
Chair - Galal Elkilany, USA and Mohamed Ibrahim, UAE		
13:30 - 13:45	Alterations in the circadian rhythm of blood pressure in the presence of diabetes	Germaine Cornelissen, MD, USA
13:45 - 14:00	Adolescent hypertension in India	Narsingh Verma, India
14:00 - 14:15	How to stratify patients with end stage renal disease for major adverse cardiovascular events?	Kul Aggarwal, USA
14:15 - 14:30	Management of arterial hypertension : Are we on the right track?	Mahamed Ibrahim, UAE
14:30	SYMPOSIUM TWO: Diabetes, and Obesity (Diabesity), Sponsored By Astra Zeneca	
Chair - Osama Elmaraghy, Kuwait and Mohamed Hassanein, UAE		
14:30 - 14:45	Novel anti-diabetic drugs for obesity	Osama Elmaraghy, Kuwait
14:45 - 15:00	How is obesity linked to heart failure?	Kul Aggrawal , USA
15:00 - 15:15	New strategies in the treatment of dyslipidemia: Do we know how?	Jan Fedacko, Slovakia
15:15 - 15:30	Efficacy of IVRS-based Health intervention in reducing cardiovascular risk in metabolic syndrome: A Cluster randomized trial	Raja Babu Panwar, India
15:30	COFFEE BREAK	
15:45	SYMPOSIUM THREE: New updates in diabetic kidney disease and metabolic syndrome	
Chair - Ram Singh, India , Mohamed Salah, UAE, Abdullah Shehab, UAE		
15:45 - 16:00	Advanced management of T2DM including renal protection and/or improvement of kidney function	Osama Elmaraghy, Kuwait
16:00 - 16:15	Diabetes management in cardio-metabolic syndrome	Abhay Keshao Pande, UAE
16:15 - 16:30	Cardio-renal protection in diabetic patient: Recent updates	Magdy Abdelhamid, Egypt
16:30 - 16:45	HF and T2DM : The next pandemic	Mohamed Salah Meselhy, UAE

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CONGRESS DAY 1: FRIDAY, 29 October 2021

Hall (B)

Session 3: Infiltrative-restrictive cardiomyopathy and DCM

Chair: Jaipaul Singh, UK and L. Elif Sade, Turkey

09:30 - 09:45	Infiltrative cardiomyopathy	Jayanta Mukherjee, USA
09:45 - 10:00	Echo predictors of HF	Gani Bajraktari, Kosovo
10:00 - 10:15	Novel Doppler echocardiographic modalities in evaluation of patients with DCM	Silvana Jovanova, Macedonia
10:15 - 10:30	Diastology Interpretation in DHF	Fabiola Sozzi, Italy

Session 4: Recent advances in echocardiography and allied techniques(Workshop I)

Chair: Silvana Jovanova, Macedonia & Robert Gatewood (USA)

10:30 - 10:45	Keys for best practice of strain for the assessment of LV and RV	L. Elif Sade
10:45 - 11:00	NMR metabolomics study in STEMI patients to identify outcome biomarkers	M.-Saadeh Suleiman UK
11:00 - 11:15	The athlete's heart - defining physiological from pathological changes	Perry Rebecca, Australia
11:15 - 11:30	The ABCs of 3D knobology	J Maalouf, USA
11:30 - 11:45	Intracardiac echocardiography in support of percutaneous repair of structural heart disease	Muhamed Saric, USA
11:45 - 12:00	TBA	
12:00 - 13:30	PRAYER AND LUNCH BREAK	

13:30 SATTELITE SYMPOSIUM (FOURTH): Progress in Cardiac Ultrasound

Chair: Galal E. Nagib-Elkilany, USA & Vito Maurizio Parato, Italy

13:30 - 13:45	Is a stethoscope necessary in these days of POCUS?"	Robert Gatewood, USA
13:45 - 14:00	3D-TEE evaluation of trans-apical mitral valve in valve implantation for mitral bio prosthetic dysfunction	Ming Hsiung, Taiwan
14:00 - 14:15	Echocardiography in systemic diseases	Perry Rebecca, Australia
14:15 - 14:30	Usefulness of US diagnostics in the emergency room	Maurizio Campaniello, Italy

Session 5: Restrictive cardiomyopathy and pericardial Diseases

Chair: Islam Shawky, Egypt & Wael Almahmeed, UAE

14:30 - 14:45	Echocardiography in pericardial effusion and tamponade	Chittur A. Sivaram, USA
14:45 - 15:00	Cardiac amyloidosis no longer a zebra: An echo and clinical diagnosis to effective diagnosis	Hany Sabour, UAE
15:00 - 15:15	The additive role of CMR in pericardial diseases	Ketty Savino, Italy
15:15 - 15:30	Amyloidosis: What is new?	Mark Goldberger (USA)

END OF DAY 1

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CONGRESS DAY 2: SATURDAY, 30 October 2021

Hall (A)

Session 6: Mayo Clinic (USA)

Chair: Islam Shawky, Egypt & Wael Almahmeed, UAE

08:30 - 08:45	Echocardiography for complications of myocardial infarction	Sunil Mankad, USA
08:45 - 09:00	Systemic diseases and their cardiac involvement	Mankad Rekha, USA
09:00 - 09:15	3D echocardiography : Clinical Application	Joseph Maalouf, USA
09:15 - 09:30	New international consensus for classification and nomenclature of the bicuspid aortic valve and its aortopathy	Hector I. Michelena, USA
9:30 - 10:00	COFFEE BREAK	

Session 7: Recent Advances in cardiac imaging (Workshop II)

Presidential Session

Chair: Antoine Lafont , France & Abdullah Shehab, UAE

10:00 - 10:15	Stress echocardiography - update 2021	Jarosław D. Kasprzak, Poland (Lodz)
10:15 - 10:30	Strain in cardiotoxicity	Nilda Espinola-Zavaleta, Mexico
10:30 - 10:45	VSD anatomy and device selection	Aarti Bhat, USA
10:45 - 11:00	"2D and 3D echocardiography of the tricuspid valve: Implications for trans-catheter interventions"	Navin Nanda, USA (ISCU President)
11:00 - 11:15	COFFEE BREAK	

Session 8: Cardiac Imaging in critical care units

Chair - Ashraf Elhoufy, MD,FRCP(UK),EDIC, Consultant and head of ICU Dubai Hospital , UAE, Hatem Ghonem, MD, UAE

11:15 - 11:30	Advanced echocardiography in shock states	Hatem Soliman , UK
11:30 - 11:45	A plea for inclusion of echocardiography in the AHA algorithm for acute coronary syndrome in evaluation of patients with chest pain with ST segment abnormality	Muralidhar Kanchi, India
11:45 - 12:00	Lung ultrasound in acute cardiac care	Hatem Soliman, UK
12:00 - 12:15	Echocardiography guidance to the management of cardiogenic shock	Hanumanth Reddy, USA
12:15 - 12:30	Echo for ECMO	Poonam Malhotra, India

Session 9: Coronary Artery Disease: Update

Chair: Wael Almahmeed, UAE & Hala Mahfouz, Egypt, Islam Shawki, Al-Azhar University, Egypt

12:30 - 12:45	Clinical utility of 3D echocardiographic dispersion to assess left ventricular function and ischemia of infarction detected by gated-SPECT	Nilda Espinola-Zavaleta, Mexico
12:45 - 13:00	Echocardiography in the evaluation of post MI complications	Chittur A. Sivaram, USA
13:00 - 13:15	Newer clues to ischemia on dobutamine stress echocardiography: Cardiac axis tilt	Preetham Gunta, USA
13:15 - 13:30	Noninvasive stress testing: Ischemia is simply the beginning	Angel Lopez-Candalez, USA
13:30 - 13:45	Scintigraphic identification of Hibernating Myocardium	Amolak Singh, USA
13:45 - 14:30	LUNCH BREAK	

Session 10: Women and Cardiovascular Diseases

Chair : K Hristova, Bul. & G. Cornelissen, USA

14:30 - 14:45	Cardiovascular disease in pregnancy	Virginia Michelis, Uruguay
14:45 - 15:00	Chest pain and palpitation in post-menopausal women with MVP	Pasquale Palmiero, Italy
15:00 - 15:15	Valvular heart disease in pregnancy (The role of echocardiography)	Sibel Catirli Enar, Turkey
15:15 - 15:30	Point of care ultrasound in critical care	Hatem Soliman Aboumarie, UK

Session 11: Valvular Heart Disease: Updates in the Diagnosis and Management

Chair : Waheed Farid, UAE & Pepe Zamorano, Spain

15:30 - 15:45	3D echo for valve disease: a primer	Jarosław D. Kasprzak, Poland
15:45 - 16:00	Strain Imaging in valvular heart disease	Sunil Mankad, Mayo Clinic, USA
16:00 - 16:15	The new valve guidelines: what is the message for the echocardiographer and appropriate use criteria	Smadar Kort, USA
16:15 - 16:30	Aortic stenosis update	K.K. Kapur, India

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CONGRESS DAY 2: SATURDAY, 30 October 2021

Hall (B)

Session 12: Multi Modality Imaging

Chairpersons - Dr. Hatem Ghonim ,UAE, Dr.Mohyi Eldin Fahmy,MD, UAE ,Antonie Lafont, France

10:00 - 10:15	Acute aortic syndromes,	Eduardo Bossone, Italy
10:15 - 10:30	Multi-modality assessment of prosthetic valves,	Sagit Zekry, Isr.
10:30 - 10:45	Detection of myocardial scar by cardiac MRI : From imaging to pathophysiology	Sabino Iliceto, Italy
10:45 - 11:00	The multimodality imaging of primary cardiac hydatid cyst located in the right ventricular free wall": TTE, TEE, 3DTTE, CT and MRI	Tevfik Fikret İlgenli, Turkey

11:00 SYMPOSIUM FIVE: T2DM and ASCVD (a symptomatic cardiovascular disease)

Chair - Osama ElMaraghy, Kuwait, Mahamed Hassanein, UAE

11:00 - 11:15	Transferring data from trials practice	Osama Elmaraghy, Kuwait
11:15 - 11:30	Improving T2DM management in patients with ASCVD	Mahamed Hassanein, UAE
11:30 - 11:45	Diabetes mellitus and cardiovascular disease: Who needs intervention	Tahir Tak , Mayo Clinic, USA
11:45 - 12:00	Hypertension in diabetic patients, current challenges and future insight	Mohamed Ibrahim , UAE
12:00 - 12:30	Coffe Break	

Session 13: Valvular Heart Disease at risk for SCD

Chair: Antonie Lafond, france, L. Elif Sade, Turkey & Mohamed Ibrahim, UAE

12:30 - 12:45	MVP from mid-systolic click to myocardial scar and ventricular arrhythmias	Sabino Iliceto, Italy
12:45 - 13:00	Epidemic of left ventricular low flow state: Implication for the assessment of AS	Min Pu, USA
13:00 - 13:15	Management of asymptomatic aortic stenosis: Can it reduce the risk of SCD	Jayashri Aragam, USA
13:15 - 13:30	The evolving role of 3D echo in percutaneous edge to edge mitral valve repair	J Maalouf, Mayo Clinic, USA
13:30 - 14:15	LUNCH BREAK	

14:15 SATTELITE SYMPOSIUM (SIXTH): COVID 19 and Cardio-Pulmonary Complications

Chairman - Bassam Hasan Saleh Mahboub, UAE (Imm. President ECDS),
Dr. Madian Abdelrahman Mohamed Mahmood, GP preventive medicine department, Emirates Health Service,
Dr Abdullah Alwash, General Practitioner - COVID19 Team, Ministry of Health & Prevention, UAE

14:15 - 14:30	Kawasaki in COVID disease. The role of MRI in the differential diagnosis	Nilda Espinola-Zavaleta, Mexico
14:30 - 14:45	Multiple faces of severe COVID - cardiac presentations	Jarosław D. Kasprzak, Poland
14:45 - 15:00	Imaging of COVID-19 related myo-pericarditis	Vito Maurizio Parato, Italy
15:00 - 15:15	Echocardiography in post COVID syndrome and pulmonary thromboembolism in COVID time	Elizabeta Kostovska, Macedonia

Session 14: RV and Pulmonary Hypertension in Children and Adults

Chair: Fabiola Sozzi, Italy & Hossam Abdelaziz, UAE

15:15 - 15:30	Right ventricular ejection efficiency: A New echocardiographic measure of mechanical performance	Angel Lopez-Candales,USA
15:30 - 15:45	The right ventricular imaging these days : PHT & RVCM	Krassimira Hristova, Bulgaria
15:45 - 16:00	Clinical case vignettes: Pulmonary hypertension in children	S. Ramakrishnan, India

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Session 15: Cardiac Valves -Revisited

Chair: Amrish Agrawal, UAE & Perry Rebecca, Australia

16:00 - 16:15	Comparison of newer proposed diagnostic score with the World Heart Federation criteria for echocardiographic diagnosis of rheumatic heart disease	Raja Babu Panwar, India
16:15 - 16:30	The aortic valve gradient in stenosis under general endotracheal anaesthesia is underestimated	Muralidhar Kanchi, India
16:30 - 16:45	Strain imaging for guiding decision-making in aortic stenosis	Manish Bansal, India
16:45 - 17:00	Echo for prosthetic valve mismatch	Poonam Malhotra ,India

Session 16: Interesting Case Presentations (6 minutes for each)

Chair : Mohamed Ayman Abdel- Hay, Egypt & Lee Frazin, USA

17:00 - 17:06	Angiosarcoma and hemangioma of the heart ,	Asad Roomi, KSA
17:06 - 17:12	Interesting case presentation	Alexander Olivares-Reyes, USA
17:12 - 17:18	Atrial and ventricular masses	Ashok Garg, India
17:18 - 17:24	Challenging echo cases : seen once in lifetime,	M Ayman Abel-Hay, Egypt
17:24 - 17:30	Three chambered heart	Anurag Tomar, India
17:30 - 17:36	interesting case in interventional cardiology	Vinod Vijan, India
17:36 - 17:42	Prosthetic valve malfunction	Virendra Misra, UAE
17:42 - 17:48	Case of asymptomatic pulmonic/supra-pulmonic valve stenosis	Islam Shatla, USA
17:48 - 18:00	An Unusual case of Pulmonary, Hypertension: Multimodal diagnosis and management	Amrish Agrawal, UAE
18:00 - 18:06	Reversible constrictive pericarditis	Jagdish Mohan, India
18:06 - 18:12	Interesting case presentation (quadri-valvar RHD),	Rikha Mishra, India
18:12 - 18:24	Intramyocardial Calcification	Fabiola Sozzi

END OF DAY 2

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CONGRESS DAY 3: Sunday, 31 OCTOBER 2021

Hall (A)

Session 17: Aortic and Mitral Valve Diseases

Chair: Muhamed Ibrahim, UAE, Olga Vriza, KSA & Sibel Catirli Enar, Turkey

08:30 - 08:45	Never forget aortic regurgitation: New prognostic echocardiographic data in action	Hector I. Michelena, USA
08:45 - 09:00	Primary vs secondary mitral regurgitation: What is the difference?	Vera Rigolin, USA
09:00 - 09:15	A novel 2D echo method to objectively quantify aortic valve calcium and predict aortic stenosis severity	Lee Frazin, USA
09:15 - 09:30	The new valve guidelines - what is the message for the echocardiographer	Smadar Kort, USA

Session 18: Tips and Tricks in Cardiac Valves imaging

Chair: Antoine Lafont, France & M. Salah, UAE

09:30 - 09:45	AV imaging	Ajay Jindal, India
09:45 - 10:00	Low flow low gradient aortic stenosis,	Jayashri Aragam, Colombia -USA
10:00 - 10:15	MV imaging : Mitral valve prolapse, who are at risk of sudden death?	Olga Vriza, KSA
10:15 - 10:30	Juvenile rheumatic mitral stenosis : Screening echocardiogram in children may expose the reality	Abdullah Al Shafi Majumder, Dhaka, Bangladesh
10:30 - 11:00	Coffe Break	

Session 19: The future of cardiac US and allied techniques: Congenital heart disease (CHD) and recent innovations in cardiac imaging

Chairpersons: Sherif Baathallah, UAE, Raghda Elgoneimy, Egypt, Dr.Ahmad El Kamaly, UAE

BASICS

11:00 - 11:15	Introduction to CHD	Shelby Kutty, USA
11:15 - 11:45	What does an adult cardiologist need to know about pediatric cardiology? CHD: Fetal diagnosis	Aarti Bhat, USA
11:45 - 12:00	Prenatal diagnosis and prognosis of coarctation of aorta	Shuping Ge, USA
12:00 - 12:15	Role of imaging in diagnosis and management of adult CHD	Reema Chugh, USA

ADVANCED: Imaging in CHD

12:15 - 12:30	3D strain and application in children,	Shuping Ge, USA
12:30 - 12:45	3D printing based on cardiac imaging: An overview	Bernhard Mumm, Germany
12:45 - 13:00	The role of TEE during trans-catheter VSD closure,	Raghda Elsheikh, Egypt
13:00 - 13:15	Imaging in adult CHD	Krassimira Hristova, Bulgaria
13:15 - 14:30	Lunch Break	

Recent Advances in Echocardiography (Workshop III)

Chair : Navin C Nanda , USA & Domenico Galzerano, Italy

14:30 - 14:45	Left atrium in stress echocardiography	Sibel Catirli Enar, Turkey
14:45 - 15:00	Non -responders to CRT: any role for echocardiography?	Hala Mahfouz, Egypt
15:00 - 15:15	Echo imaging in peri-prosthetic leak closure	Sunil V. Mankad, Mayo Clinic, USA
15:15 - 15:30	Role of 3 D echo in valvular heart disease	Jose Pepe Zamorano, Spain

Recent advances in echocardiography (Workshop IV): HF and cardiomyopathy

Chair : Jaipaul Singh , UK & Aarti Bhat, USA

15:30 - 15:45	Echocardiography in the era of artificial Intelligence,	Bernhard Mumm, Germany
15:45 - 16:00	Regeneration & Gene Therapy in DCM,	Roger Foo, Singapore
16:00 - 16:15	Cardiac imaging in heart failure: Going beyond ejection fraction	Mona Aboelsould, Egypt
16:15 - 16:30	Exercise and diabetic cardiomyopathy	Manal Smail, Algeria and Jaipaul Singh, UK

Session 20: Diastolic Heart Failure and HFpEF

Chair: Roger Foo, Singapore, J Maalouf, Mayo Clinic, USA & Madian Abdulrahman Mahamad, UAE

16:30 - 16:45	Diastolic stress echo: For whom? interpretation and newer developments	Satish Parashar, India
16:45 - 17:00	Profiles in diastolic heart failure	Ganesan Gnanavelu, India
17:00 - 17:15	Novel echocardiographic criteria in LV diastolic function assessment	Angel Lopez-Candales, USA
17:15 - 17:30	LV diastolic function assessment in the presence of atrial fibrillation	Manish Bansal, India

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CONGRESS DAY 3: Sunday, 31 OCTOBER 2021

Hall (B)

Session 21: Infective Endocarditis and Cardiac Masses

Chair: Bassam Hasan Saleh Mahboub, UAE, Saadeh Suleiman, UK & Eduardo Bossone, Italy

09:00 - 09:15	3D echocardiography: a missing link in infective endocarditis imaging	Domenico Galzerano, Italy
09:15 - 09:30	Nanda group contributions in echocardiography	Navin C Nanda, USA
09:30 - 09:45	Imaging of endocarditis complications	V Maurizio Parato, Italy
09:45 - 10:00	False tendon in the heart: friend or foe	Vadim A. Kuznetsov, Russia
10:00 - 10:30	Coffe Break	

Session 22: Current role of 2DE,3D echocardiography & TEE in structural heart intervention

Chair: Antoine Lafont, France & Omar Hallak, Kings College Hospital, UAE

IMAGING AND INTERVENTION

10:30 - 10:45	Echocardiography in patients undergoing EP procedures	Chittur A. Sivaram, USA
10:45 - 11:00	The role of 3D echocardiography in LAA occlusion	Hoda Shehata, Egypt
11:00 - 11:15	Role of trans-esophageal echocardiography in advanced structural heart disease	Kul Aggarwal, USA
11:15 - 11:30	Fusion imaging inside the cath lab	Pepe Zamorano, Spain (ESC Ambassador)

MITRAL AND AORTIC VALVES INTERVENTION

11:30 - 11:45	State of the art of percutaneous mitral valve interventions	Vera H. Rigolin, USA
11:45 - 12:00	Mitral valve clip operation : How to properly select patients?	Jyothy Puthumana, USA
12:00 - 12:15	Essentials of TEE for the cardio-thoracic surgeon	Deepak Tempe, India
12:15 - 12:30	Role of 3D echocardiography in TAVR	Mohamed Ayman Abdel-Hay, Egypt

Session 23: Cardiomyopathy, LVH -Hypertrophic Cardiomyopathy, & LVNC

Chair: Tugba Kemaloglu, Turkey & Jan Fedacko, Slovakia

12:30 - 12:45	LVH : Differential diagnosis	Maurice Guirgis, USA
12:45 - 13:00	3D echocardiography in HF and cardiomyopathies	Tugba Kemaloglu, Turkey
13:00 - 13:15	HOCM and TakoTsubo cardiomyopathy : an unusual combination	Marice Guirgis, USA
13:15 - 13:30	HFpEF : A disease that can be now treatable	Osama ElMaraghy, Kuwait
13:30 - 14:30	LUNCH BREAK	

Advanced Cardiac Imaging (Workshop V)

Chair: Abdullah Shehab, UAE & Jaipaul Singh, UK

14:30 - 14:45	Pathogenesis and determinants of HFpEF and HFrEF	Ram B Singh, India
14:45 - 15:00	Speckle tracking imaging : Clinical perspectives 2021	ZVI Vered, ISR
15:00 - 15:15	The aortic valve gradient in stenosis under general endotracheal anesthesia is underestimated	Muralidhar Kanchi, India
15:15 - 15:30	The future of remote ischaemic preconditioning as therapeutic cardioprotective intervention	Saadeh Suleiman, UK

Session 24: Right Heart Imaging

Chair: W Almahmeed, UAE & Ram Singh, India

15:30 - 15:45	TV imaging : Tricuspid regurgitation. How to quantify and the need of new classification	Pepe Zamorano, Spain
15:45 - 16:00	Exercise induced pulmonary hypertension	Eduardo Bossone, Italy
16:00 - 16:15	Right ventricular strain: do we need to add it in routine echocardiography	Olga Vriza, KSA
16:15 - 16:30	Pulmonary valve assessment in depth	Tugba Kemaloglu, Turkey

END OF THE PROGRAM

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Who Should Attend

Interventional cardiologists
Cardiac surgeon (both adult and pediatric)
General (clinical) cardiologists

Benefits Of Attending

- **Hear** top international and regional experts discussing the most pressing cardiac conditions
- **Learn** from practical workshops featuring hands on techniques and advanced techniques from expert faculty
- **Review** recent updates in cardio-vascular treatments
- **Network** meet and build relationships with peers in the field of cardiac care
- **Continue** your professional development and earn CME credits
- **Connect** with solution providers and leading suppliers for the latest techniques, equipment, services and technology for latest updates in cardiac care
- **Case** based discussion with interaction with world class speakers



The speakers were very good, rich topics and a really good conference.

Dr. Samah Alasrawi
Al Jalila Children Hospital



Overall, the conference and venue was good. I will recommend to others.

Dr. Sumera Nasim
LLH Hospital, VPS Healthcare



The event is wonderful, fantastic, very well-organised. I really enjoyed the Q&A sessions.

Dr. Carazon Ibarra
Intelligent Health



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**XXVI World Congress of Echocardiography
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Virtual Attendance	USD 300	USD 350
Physical Attendance	USD 500	USD 600

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TERMS AND CONDITIONS

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- Payment is due at the time of registration and includes lunches, refreshments, conference materials and certificate of attendance.
- Your registration will not be confirmed until payment is received in full.
- Cheque payment may only be made from UAE and in AED. Kindly contact us at info@cardiaccareexcellence.com to discuss.
- EFT / Direct Deposit to be effected as per bank details on the invoice.
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- Payment can also be done through credit card or Paypal.

Discounts

- All early bird discounts require payment at the time of registration and before the early bird deadline in order to receive any discount.
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- Refunds will be processed 2 months after the event completion date.

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- While every consideration has been taken when presenting the demographics of the attendees in the programme, Maarefah doesn't guarantee the exact demographics of the congress attendees and can not be held responsible for the same.

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