

6<sup>th</sup> Edition of

# Cardiology World Conference

Theme: Advancing Heart Health: Breakthroughs in Cardiology



15-17

SEPTEMBER 2025

LONDON, UK |

HYBRID EVENT

## Our Scientific Committee



ROBERT J CHILTON

UT Health San Antonio, United States



YONG XIAO WANG

Albany Medical Center, United States



STEPHAN SCHUELER

Newcastle upon Tyne Hospitals, United Kingdom



SYED RAZA

Awali Hospital, Bahrain



ADDSEKIB SOKOLOVIC

Sarajevo University Clinical Center, Bosnia and Herzegovina



NARENDRA KUMAR

HeartbeatsZ Academy, United Kingdom



Y J H J TAVERNE

Erasmus University Medical Center, Netherlands



A TEDDY WEISS

Hadassah University Hospital, Israel

## Scientific TOPICS

- Clinical Case Reports on Cardiology
- Geriatric Cardiology
- Lipidology
- Pediatric Cardiology
- Valvular Heart Disease
- Cardiovascular Imaging
- Cardio-Oncology
- Congenital Heart Diseases
- Metabolic and Systemic Heart Diseases
- Coronary Artery and Vascular Diseases
- Global Cardiovascular Challenges
- Digital Cardiology and AI
- Critical Care Cardiology
- Structural Cardiology
- Nanotechnology and Cardiovascular Medicine
- Personalized Cardiology and Precision Medicine

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VENUE

Sheraton Skyline Hotel London  
Heathrow Heathrow Airport,  
Bath Rd, London, England, United  
Kingdom, UB3 5BP

**Robert J Chilton, University of Texas Health Science Center San Antonio, United States**

Title: Revolutionizing CKD care: How finerenone transforms outcomes in heart and kidney health – insights from fidelio-DKD

**Yong Xiao Wang, Albany Medical Center, United States**

Title: Novel important cellular responses, signaling mechanisms and therapeutic options for pulmonary hypertension and right heart failure

**Arthur J Siegel, Massachusetts General Hospital, United States**

Title: Preventing sports-related cardiac arrest: Coronary artery calcium scoring stratifies the benefit of low-dose aspirin use for risk reduction

**Gustavo Lionel Knop, Mayo Clinic, United States**

Title: Post-cardiotomy ECMO (PC-ECMO)

**Narendra Kumar, HeartbeatsZ Academy, United Kingdom**

Title: The past, present and future of AI in cardiology

**Iris Panagiota Efthymiou, University of Greenwich, United Kingdom**

Title: Empathy and precision: Revolutionizing communication between cardiologists and patients

**Thomas Bernd Dschietzig, Relaxera GmbH & Co. KG, Germany**

Title: The development of human relaxin-2 for heart failure with preserved ejection fraction, HFpEF

**Y J H J Taverne, Erasmus University Medical Center, Netherlands**

Title: Ex-situ organ perfusion and cardiac performance improvement

**Abraham Teddy Weiss, Hadassah University Hospital, Israel**

Title: TED2HOME - A low cost automatic external defibrillator for home/office

**Mekhman N Mamedov, National Research Center for Preventive Medicine, Russian Federation**

Title: Subclinical atherosclerosis: Association with additional risk factors and somatic diseases

**Syed Raza, Awali Hospital, Bahrain**

Title: Novel ways of cardiovascular risk assessment

**Sergey Suchkov, R&D Director of the National Center for Human Photosynthesis, Mexico**

Title: Personalized and Precision Medicine (PPM) as a unique healthcare model through biodesign-driven and inspired biotech, translational applications and cardiology-related marketing to secure the human healthcare, wellness and biosafety

**Sekib Sokolovic, Sarajevo School of Science and Technology, Bosnia and Herzegovina**

Title: The low grade chronic inflammation and atherosclerosis

**Peter Barrett, Piedmont Heart Institute, United States**

Title: VA ECMO as a bridge to OHT in the sickest of the sick cardiogenic shock patients

**Omar Sami Abdelhai, Henry Ford Health, United States**

Title: The role of normal-range troponin trends in predicting cardiac function decline: Reducing echo dependency in the ED

**Randa Elzein, SUNY Upstate Medical University, United States**

Title: Cardiac tamponade following vein of marshall ethanol ablation for atrial fibrillation (AF): Rare but can be life-threatening

**Vaibhav Sharma, St. Louis Heart and Vascular, United States**

Title: Green alert: Myocardial infarction triggered by marijuana use

**Vaibhav Sharma, St. Louis Heart and Vascular, United States**

Title: Heart of stone: A rare case of incidentally detected endocardial calcification

**Chu Hmul Buk, Institute of Advanced Bioplasmonics, United States**

Title: Supramolecular cardiophotonic holoarrhythmogenesis: A hyperdimensional analysis of myocardial bioplasmonic flux

**Jun Feng, Alpert Medical School of Brown University, United States**

Title: Use of mitochondrial ROS inhibitor to protect coronary microvascular/endothelial function

**Natasha Ghalib, Case Western Reserve University, United States**

Title: Myocarditis in desmoplakin cardiomyopathy: A misdiagnosed entity or a distinct phenotype?

**Iyah Totounji, Idaho College of Osteopathic Medicine, United States**

Title: Acute inferior STEMI in a young male with factor V leiden mutation and testosterone-induced hypercoagulability: A case report

**Maria Del Pino, Houston Methodist Hospital, United States**

Title: Impact of depression and cardiovascular risk factors on cognitive impairment in patients with atrial fibrillation: A systematic review and meta-analysis

**Hassan Saleh, NewYork-Presbyterian Hospital / Weill Cornell Medical Center, United States**

Title: Resource utilization and outcomes in surgical turn-down patients undergoing either orbital or rotational atherectomy

**Pratibha Gupta, Central State University, United States**

Title: Nutrigenomics in the prevention of cardiovascular disease

**Swaiman Singh, 5 Rivers Heart Association, United States**

Title: Triple triumph: Complex multivessel PCI with rotational atherectomy and intravascular lithotripsy for left main, ramus, and LCx CTO in a severely calcified post-CABG patient

**Trevor Tucker, T Tucker Inc, Canada**

Title: Doppler ultrasound measurement of arterial stiffness

**Kanchan Kanchan, Birmingham Heartlands Hospital, United Kingdom**

Title: Seizure-like episode unmasking torsade's de pointes: A rare presentation of an arrhythmic emergency

**Abhishek Dey, Northampton General Hospital, United Kingdom**

Title: A single-centre study for assessing and improving appropriateness of rejected transthoracic echocardiography requests and correlation with British Society of Echocardiography published clinical indications

**Abhishek Dey, Northampton General Hospital, United Kingdom**

Title: Requirement of serial high-sensitivity troponin assays in low-risk patients for ACS with non-ischaemic ECG changes: Are we compliant with the recent guidelines?

**Mariana Otero, Queen Mary University of London, United Kingdom**

Title: Auditory disturbances and childhood vasovagal syncope

**Mohamad Wahib, The Princess Alexandra NHS Trust, United Kingdom**

Title: Global longitudinal strain predicts prolonged ICU stay after mitral valve surgery for severe mitral regurgitation

**Anoosha Nair, Harefield Hospital, United Kingdom**

Title: Mitral TEER as a bridge-to-recovery: A life-changing alternative to transplantation in advanced heart failure

**Mohamed Mahmoud, Countess of Chester NHS Foundation Trust, United Kingdom**

Title: Increased left ventricular mass as a marker of left ventricular hypertrophy in normotensive type 2 DM patients

**Franklin Chibuike Obi, Fairfield General Hospital, United Kingdom**

Title: Percutaneous coronary intervention in Africa: A systematic review of associated outcomes

**Abbey Grbac, The Royal Melbourne Hospital, Australia**

Title: Poor reporting of right ventricle contouring technique and body surface area method in cardiac magnetic resonance studies of patients with repaired tetralogy of fallot

**Maria Borrell, Institut de Recerca Sant Pau - Centre CERCA, Spain**

Title: PCSK9 roles in blood cholesterol regulation and inflammation

**Sofra Maria, Aretaieion University Hospital, Greece**

Title: Correlation of troponin and homocysteine levels with coronary artery disease in patients on hemodialysis - A preliminary study

**Sofra Maria, Aretaieion University Hospital, Greece**

Title: Correlation of homocysteine levels with lipid profile and coronary artery disease in patients with chronic kidney disease under hemodialysis - Preliminary findings

**Y J H J Taverne, Erasmus University Medical Center, Netherlands**

Title: Minimal invasive pediatric and adult congenital cardiac surgery

**Ziyu Zhou, Erasmus University Medical Center, Netherlands**

Title: Miniaturized living myocardial slices derived from pediatric tetralogy of fallot specimens: A novel platform for investigating contractile performance and pharmacological interventions

**Agustin Joison, Cordoba Catholic University, Argentina**

Title: Evaluation and prediction of cardiovascular risk prognosis in type II diabetic patients by evaluating glycosylated hemoglobin and cardiac troponin

**Joao Rafael De Oliveira Rocha Da Silva, Connect Life Rehabilitation and Performance, Brazil**

Title: Rehabilitation of patients with chronic pain and cardiovascular dysfunction

**Sara Ismail Abdelhalim Ismail, Al-Sabah Hospital-Medical, Kuwait**

Title: Multiple cerebral infarcts caused by left ventricular thrombus: A multidisciplinary challenge

**Sergey Suchkov, R&D Director of the National Center for Human Photosynthesis, Mexico**

Title: The promising future of the unique translational tool to manage self-renewal of cardiac cells and to support regeneration in the post-infarction period

**Laith Maher Omar Altawil, Specialty Hospital, Jordan**

Title: Management of severe mitral regurgitation and giant left atrium (17.1 cm) via minimally invasive mitral valve replacement: A case-based discussion

**Ikram Khan, Lanzhou University, China**

Title: Microbial diversity drives metabolic alterations and disrupts functional pathways in acute myocardial infarction: Evidence from three distinct microbiotic compartments

**Chun Wu, Huazhong University of Science and Technology, China**

Title: Left atrioventricular coupling index as a novel prognostic marker of adverse events in heart transplant patients

**Kanran Wang, Chongqing University Cancer Hospital, China**

Title: Association between the triglyceride glucose-body mass index and memory-related diseases: A nationwide cohort study

**Yanmin Xu, Tianjin Medical University Second Hospital, China**

Title: The impact of platelet/lymphocyte ratio and white blood cell/lymphocyte ratio on the prognosis of patients with acute ST segment elevation myocardial infarction undergoing PCI during hospitalization

**Xiaodi Ji, Fuwai Hospital, China**

Title: Atherogenic index of plasma as a risk stratification tool in patients with chronic coronary syndromes undergoing percutaneous coronary intervention

**Xiaodi Ji, Fuwai Hospital, China**

Title: Chinese herbal medicine effectively improves the composite outcome of repeat revascularization and in-stent restenosis in chronic coronary syndromes patients undergoing percutaneous coronary intervention

**Rajaram, Meenakshi Mission Hospital and Research Centre, India**

Title: Cardiac rhabdomyoma in an adult - A case report

**Salla Surya Prakasa Rao, ESIC Medical College and Hospital, India**

Title: Cardiac channelopathies – Silent threat to sudden cardiac death

**Vasav Dutta Sharma, Kasturba Medical College, India**

Title: Managing the unforeseen complications in MI

**Shahnawaz Ahmed, SGPGIMS Lucknow, India**

Title: Temporal profile of RV and LV wall deformation analysis using 2D Speckle Tracking Echocardiography (STE) following ASD closure

**Sumang Mohan, Sanjay Gandhi Postgraduate Institute of Medical Sciences, India**

Title: Echocardiographic evaluation of takayasu arteritis including speckle tracking echocardiography and aortic stiffness

**Raviraj Singh Ahada, Sanjay Gandhi Postgraduate Institute of Medical Sciences, India**

Title: Association of right ventricular strain with left ventricular subclinical dysfunction in type 2 diabetes mellitus patients

**Mohammad Saquib Khan, SGPGIMS Lucknow, India**

Title: Predictors of patient prosthesis mismatch in patients with mechanical prosthesis in the aortic position

**Bilal Bin Abdullah, Al Ameen Medical College, India**

Title: Restrictive cardiomyopathy diagnostic approach



**Kalyan Sopanrao Munde, Grant Government Medical College & Sir JJ Group Of Hospitals, India**

Title: 'From rupture to repair' - A Successful device closure of LA rupture during BMV - A life-saving intervention

**Jayakrishna Niari, Grant Government Medical College & Sir JJ Group Of Hospitals, India**

Title: No cut, just close: Trans catheter device closure of mitral paravalvular leak

**Riya Hamid Mansuri, DY Patil University School of Medicine, India**

Title: Unusual faces of pericardial effusion: A case series of suppurative, neoplastic, and disseminated tuberculous etiologies

**Sakshi Kumari, Shimoga Institute of Medical Sciences, India**

Title: Long term effect of false lumen in patients with aortic dissection: A systematic review

**Yasser Mohammed Hassanain Elsayed, Egyptian Ministry of Health, Egypt**

Title: Yasser's stressor test (fear and calm test) and triphasic Yasser's stressor syndrome (fear, calm, and fear syndrome) - A new cardiovascular discoveries and psychogenic stress test with possible coronary artery spasm - Case series

**Fatima Sajid, King Edward Medical University, Pakistan**

Title: One-year outcomes of anterior-posterior vs. anterior-lateral method of cardioversion for atrial fibrillation: A tertiary center experience

**Imran Ahmad Khan, MNS University of Agriculture, Pakistan**

Title: The impact of high-intensity circuit training on cardiometabolic and cardiorespiratory markers in transgender individuals in Multan

**Umar badshah, Saidu Teaching Hospital, Pakistan**

Title: A rare and fatal complication of dengue fever: Spontaneous coronary artery dissection

**Ifrah Uroos, National Institute of Cardiovascular Diseases, Pakistan**

Title: Symptomatic complete heart block with syncope in a young patient - A case of kearns-sayre syndrome

**Leonardo Juan Ramirez Lopez, Universidad Militar Nueva Granada, Colombia**

Title: New probabilistic diagnostic aid tool for cardiac dynamics

**Joshua Shiako, Komfo Anokye Teaching Hospital, Ghana**

Title: Comparison of cardiovascular risk assessment tools: Laboratory vs non-laboratory tools

**Fleury Bolla Gwos, Yaounde Emergency Centre, Cameroon**

Title: Prevalence and management of stroke in resource-limited settings: A retrospective cohort study at the Yaounde Emergency Centre, Cameroon

**Modibo Doumbia, Chu Mere-Enfant "Le Luxembourg", Mali**

Title: The cardiac myxoma surgery 08 cases operated in Mali

**Modibo Doumbia, Chu Mere-Enfant "Le Luxembourg", Mali**

Title: Indications and results of cardiac surgery: 5 years of practical experience and prospects in Mali

*Oral Presentations slots are available*

**Michael Sabina, Lakeland Regional Health Medical Center, United States**

Title: A waiting game: The risky business of repairing a friable septum

**Mersal Samimi, University of California, United States**

Title: Gender differences in patients with atrial fibrillation presenting with subclinical hypothyroidism: A nationwide retrospective analysis

**Mersal Samimi, University of California, United States**

Title: A rare presentation of missed constrictive pericarditis due to coxiella burnetii

**Zoya Khan, Lakeland Regional Health, United States**

Title: Caught in a red and blue squeeze: A plaque-free coronary crisis

**Ayushi Mohan, New York Medical College at St. Michael's Medical Center, United States**

Title: Impact of sodium glucose co-transporter-2 inhibitors (SGLT-2i) use on hospitalization rate and length of stay in heart failure with reduced ejection fraction (HFrEF) patients: A retrospective analysis

**Ayushi Mohan, New York Medical College at St. Michael's Medical Center, United States**

Title: Heart transplantation - A beacon of hope for patients with end stage cardiomyopathy due to fabry disease: A systematic review

**Manik Dayal, Rutgers University New Jersey Medical School, United States**

Title: From ABCs to PhDs: Testing chatGPT's heartbeat for bridging educational gaps in patient care

**Marissa Devogelaere, Rocky Vista University, United States**

Title: Case report: Presentation and etiology of acute on chronic infective endocarditis resulting in aortic insufficiency

**Natasha Ghalib, Case Western Reserve University, United States**

Title: Hidradenitis suppurativa in cardiac transplant recipients: Implications of immunosuppression on disease activity and clinical outcomes

**Marium Ahmed, NewYork-Presbyterian Queens, United States**

Title: Hypoxemia beyond the heart: A case of hepatopulmonary syndrome masquerading as cardiac dyspnea

**Nabihah Hussaini, University Hospital Lewisham, United Kingdom**

Title: Transient ST-elevation MI diagnosed by holter monitoring

**Ali Elshamy, Northampton General Hospital, United Kingdom**

Title: Epoprostenol infusion in pulmonary hypertension: A case of mechanical complication and management

**Sharmin Rahman, Royal College of Physicians, United Kingdom**

Title: An unusual presentation of sinus bradycardia in acute pericarditis: A case report

**Kamar Ghanima, Pilgrim Hospital, United Kingdom**

Title: Cardiomyopathy induced by anabolic-androgenic steroid: A systematic literature review and case study

**Taha Bhatti, University of Manchester, United Kingdom**

Title: Unveiling the gut-heart axis in cardiac amyloidosis: A systematic review of emerging evidence

**Mohamed Mahmoud, Countess of Chester NHS Foundation Trust, United Kingdom**

Title: Assessing referral and participation in cardiac rehabilitation following coronary artery disease

**Abbey Grbac, The Royal Melbourne Hospital, Australia**

Title: Coronary artery aneurysm and thrombosis associated myocardial infarction in a 24-year-old with multisystem inflammatory syndrome and human immunodeficiency virus

**Slade du Randt, The University of Queensland, Australia**

Title: A novel role for microcephaly - Associated scaffold protein WDR62 in postnatal cardiac physiology

**Carla Rafaela de Oliveira Ferreira, Hospital de Braga, Portugal**

Title: Association between physician-perceived functional class and functional capacity measured by exercise stress test in patients with heart failure and reduced ejection fraction

**Carla Rafaela de Oliveira Ferreira, Hospital de Braga, Portugal**

Title: Thrombus formation on a tricuspid annuloplasty ring: A rare complication

**Ahmad Zainal Mazlam, St James's Hospital, Ireland**

Title: Evaluation of echocardiography appropriateness in acute medical unit: A retrospective cohort study

**Michelle O Dwyer, HSE, Ireland**

Title: Risk factors for early AKI in transcatheter aortic valve implantation

**Mohammed Osman Ahmed Osman, HSE/SMSB, Ireland**

Title: Barriers and opportunities for AI adoption in cardiology: A cross-sectional study of cardiologists and cardiology residents in Sudan

**Jin Oh Na, Korea University Guro Hospital, Korea, Republic of**

Title: Changes on sleep quality after treatment of mandibular advance device for sleep apnea: 24-hour holter-based cardiopulmonary coupling analysis

**Mohannad Khalid A Maghrabi, King Faisal Specialist Hospital & Research Center, Saudi Arabia**

Title: The prognostic role of serum chloride in acute decompensated heart failure and cardiorenal syndrome: A retrospective cohort study

**Riya Hamid Mansuri, DY Patil University School of Medicine, India**

Title: Pericardial decompression syndrome post pericardiocentesis in a case of miliary and disseminated tuberculosis in a young male presenting with cardiac tamponade

**Farrukh Malik, National Institute of Cardiovascular Diseases, Pakistan**

Title: Immediate recoil after percutaneous balloon angioplasty of below the knee arteries in patients with critical limb ischemia

**Farrukh Malik, National Institute of Cardiovascular Diseases, Pakistan**

Title: Cannabis abuse and ST segment elevation ACS



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**Laura Salazar Gomez, Clinica Cardio VID, Colombia**

Title: Pulmonary hypertensive crisis and severe right ventricular dysfunction secondary to protamine use post-heart transplantation: A case report

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**Mohammad Ali Darbandi, Nafas Pharmed Pharmaceutical Company, Iran**

Title: Increasing the solubility of spironolactone by the solid dispersion method

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**Talgat Kudaibergenovich Yessenov, City Multidisciplinary Hospital No. 2, Kazakhstan**

Title: Hemodynamic force analysis as a novel marker for evaluating left bundle branch area pacing: A case report

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**Mahendra Kumar, College of Medical Sciences, Nepal**

Title: Abnormal high body mass index among adolescents of secondary

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**Patrick Ashinze, University of Ilorin Teaching Hospital, Nigeria**

Title: Theranostic advances in cardio-oncology: Integrating precision diagnostics and targeted therapies for cardiovascular protection in cancer patients

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***Poster Presentations slots are available***

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