

**CONFERENCE**  
PROGRAM

**mg** magnus  
Group

**5<sup>TH</sup> EDITION OF**  
**Cardiology**  
**World**

**CONFERENCE**

**05-07**  
**SEPTEMBER**

*Madrid, Spain*



**IN-PERSON:**

Rafaelhoteles Atocha  
C. de Méndez Álvaro, 30, 28045 Madrid, Spain



**VIRTUAL:**

Central European Summer  
Time (CEST)

## DAY 01

Thursday, September 05  
(In-person)

08:00-08:50	Registrations
08:50-09:00	Opening Ceremony and Introduction
09:00-11:00	In-person Keynote Presentations
11:30-15:50	In-person Oral Presentations
15:50-16:10	In-person Poster Presentations

## DAY 02

Friday, September 06  
(In-Person)

08:50-09:00	Opening Note and Introduction
09:00-10:20	In-person Keynote Presentations
10:20-15:50	In-person Oral Presentations

## DAY 03

Saturday, September 07  
(Virtual)

08:30-09:00	AV Check and Introduction
09:00-11:00; 16:10-17:30	Virtual Keynote Presentations
11:50-16:10	Virtual Oral Presentations
11:00-11:50; 17:30-17:40	Virtual Poster Presentations

 IN-PERSON  
 VIRTUAL

### Day 01 Break Timings (In-person)

11:00-11:30  
12:50-13:50  
16:10-16:40

Coffee Break  
Lunch Break  
Coffee Break

### Day 02 Break Timings (In-person)

11:00-11:30  
12:50-13:50  
15:50-16:20

Coffee Break  
Lunch Break  
Coffee Break

## Important Note

- The conference follows Central European Summer Time (CEST) for both In-person and Virtual sessions.
- When the program refers to Local Timings, it means that the timing mentioned is based on the time zone of the presenter's country
- In-person presentations will take place in the ATOCHA ROOM @Rafaelhoteles Atocha and Virtual presentations will take place in Zoom meetings
- Please remain accessible in the hall or on Zoom throughout the day as there could be minor program adjustments due to technical issues or presenter no-shows.

### KEYNOTE PRESENTATIONS

Central European Summer Time (CEST)

@ATOCHA ROOM

08:00–08:50 | Registrations

08:50–09:00 | Opening Ceremony and Introduction

**Moderator:**

Veronika Kachmar, Jagiellonian University Medical College, Poland

09:00–09:40

In-Person

**Naranjan S Dhalla**  
St. Boniface Hospital Albrechtsen  
Research Centre, Canada

Title: Antiplatelet agents as a novel therapy of heart failure due to myocardial infarction

09:40–10:20

In-Person

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

Title: Advanced molecular and cellular mechanisms for pulmonary hypertension

10:20–11:00

In-Person

**Kumar Ponniah**  
Wolfson Terry Heart Institute, United  
States

Title: Coronary artery abnormalities in children

Group Photo

11:00–11:30 | Coffee Break @Foyer

### ORAL PRESENTATIONS

**Chairs:**

Naranjan S Dhalla, St. Boniface Hospital Albrechtsen Research Centre, Canada  
Yong Xiao Wang, Albany Medical Center, United States

11:30–11:50

In-Person

**David Tamrazyan**  
Krasnodar State University, Spain

Title: Cardiometry: A new fundamental scientific field in cardiology

11:50–12:10

In-Person

**Jose Maria Castellano Vazquez**  
National Center for Cardiovascular  
Research (CNIC), Spain

Title: Optimal adoption of the CNIC–polypill strategy (acetyl salicylic acid, atorvastatin and ramipril) in routine clinical practice: Global expert consensus and endorsement for enhanced cardiovascular outcomes

12:10–12:30

In-Person

**Gurkamal Sohal**  
University Hospitals Birmingham NHS  
Foundation Trust, United Kingdom

Title: Deciphering the mind–heart mystery : A case report on 16–year–old’s struggle with unexplained dizziness and non–exertion syncope

12:30–12:50 In-Person

**Chaoneng Wu**

Michigan State University, United States

Title: Insulin resistance spawns hypertriglyceridemia-induced acute pancreatitis and diabetic ketoacidosis: Unboxing a new metabolic crisis

12:50–13:50 | Lunch @Restaurant

13:50–14:10 In-Person

**Chinh Duc Nguyen**

Can Tho Stroke International Services, Vietnam

Title: Hybrid approach of photon-counting computed tomography and intravascular ultrasound for chest pain: A case report of successful management and 6-month follow up

14:10–14:30 In-Person

**Veronika Kachmar**

Jagiellonian University Medical College, Poland

Title: Complication in the treatment of atrial fibrillation in elderly patient with comorbidities

14:30–14:50 In-Person

**Chaoneng Wu**

Michigan State University, United States

Title: Cardiac autonomic neuropathy: Impact on severe hypoglycemic unawareness and orthostatic hypotension in diabetic dysautonomia- A case series study

14:50–15:10 In-Person

**Kelly Ka Yee Chu**

Cambridge University Hospital, United Kingdom

Title: Impact of virtual reality imaging on pre-operative planning for paediatric cardio surgery

15:10–15:30 In-Person

**Tutan Das**

Vivekananda Hospital, India

Title: Exploring a therapeutic dilemma: A case study of bilateral renal artery stenosis induced by aortoarteritis manifesting as a hypertensive emergency

15:30–15:50 In-Person

**Alexandra Murtazaliyeva**

JSC Scientific Center of Obstetrics, Gynecology and Perinatology, Kazakhstan

Title: Frequencies of genes polymorphisms associated with warfarin dosage in the Kazakh population

## (15:50-16:10) POSTER PRESENTATIONS

PP01 In-Person

**Catherine Choi**

University of Oxford, United Kingdom

Title: Molecular basis of modulation of the vascular TMEM16A channel by GPCR pathways: Therapeutic potential for control of artery tone

PP02 In-Person

**Shreeya Mehta**

King's College London, United Kingdom

Title: Exploring the relationship between erythrocyte aggregation properties and sodium homeostasis in subjects with arterial hypertension

**David W Yaffee**  
Hartford HealthCare, United States

Title: Treatment of atrio-esophageal fistula following epicardial ablation for atrial fibrillation

16:10-16:40 | Coffee Break @Foyer

### KEYNOTE PRESENTATIONS

Central European Summer Time (CEST)

@ATOCHA ROOM

08:50–09:00 | Day 2 Opening Note and Introduction

**Moderator:**

Catherine Choi, University of Oxford, United Kingdom

09:00–09:40 In-Person

**Shetuan Zhang**  
Queen's University, Canada

Title: Protecting cardiac potassium channels as a novel strategy to prevent ischemia-associated arrhythmias and sudden cardiac death

09:40–10:20 In-Person

**Narendra Kumar**  
HeartbeatsZ Academy, United Kingdom

Title: Pulse field ablation for atrial fibrillation complications: What do we know yet?

### ORAL PRESENTATIONS

**Chair:**

Shetuan Zhang, Queen's University, Canada

10:20–10:40 In-Person

**Marc Jason Ng**  
Cardinal Santos Medical Center, Philippines

Title: Effect of Sodium Glucose Co-Transporter 2 inhibitors (SGLT2i) on ejection fraction in acute myocardial infarction: A systematic review and meta-analysis

10:40–11:00 In-Person

**Tutan Das**  
Vivekananda Hospital, India

Title: Mastering complexity: Successful management of high-risk dual CTOs with synergistic double calcium modification

11:00–11:30 | Coffee Break @Foyer

11:30–11:50 In-Person

**Manidipa Majumdar**  
Gouri Devi Institute of Medical Sciences and Hospital, India

Title: Unmasking STEMI impostors: A case exposing diagnostic dilemmas and crucial clinical ramifications

11:50–12:10 In-Person

**Heron Rhydan Saad Rached**  
Science Valley and Cardialmed, Brazil

Title: Will be updated shortly

12:10–12:30 In-Person

**Sudheer Arava**  
AIIMS, India

Title: Genetic landscape of restrictive cardiomyopathy: A study of 40 cases from North India

12:30–12:50 In-Person

**Ansh Goswami**  
AIIMS, India

Title: Hypertrophic cardiomyopathy contemporary outcomes of family screening and the necessity of whole exome sequencing in Indian sub-continent

12:50–13:50 | Lunch @Restaurant

13:50–14:10 In-Person

**Ali**  
HOHE, Kuwait

Title: Will be updated shortly

14:10–14:30 In-Person

**Muhammad Salman Farsi**  
Rehman Medical Institute, Pakistan

Title: Outcomes of CABG in hypertensive vs non-hypertensive patients

14:30–14:50 In-Person

**Azam Jan**  
Rehman Medical Institute, Pakistan

Title: An overview of aortic surgery at a tertiary care hospital in Pakistan: Our 7 years of experience

14:50–15:10 In-Person

**Muhammad Wasim Sajjad**  
Rehman Medical Institute, Pakistan

Title: Gender difference and its outcomes in anemic patients undergoing CABG

15:10–15:30 In-Person

**Muhammad Wasim Sajjad**  
Rehman Medical Institute, Pakistan

Title: Obesity is the major killer in Coronary Artery Bypass Grafting (CABG) surgery

15:30–15:50 In-Person

**Muhammad Shahzad**  
Rehman Medical Institute, Pakistan

Title: In hospital outcomes of left main stem disease in patients undergoing coronary artery bypass grafting

15:50–16:20 | Coffee Break @Foyer

### KEYNOTE PRESENTATIONS

CEST Local Timings

@ZOOM MEETING

08:30–09:00 | AV Check

09:00–09:40 08:00–08:40

**Stephan Schueler**

Newcastle upon Tyne Hospitals,  
United Kingdom

Title: Present state of durable LVAD therapy and ongoing developments

09:40–10:20 09:40–10:20

**Thomas Bernd Dschietzig**

Relaxera GmbH & Co. KG, Germany

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

10:20–11:00 11:20–12:00

**Mekhman N Mamedov**

National Research Center for  
Preventive Medicine, Russia

Title: Assessment of the risk of cardiovascular complications in an unorganized adult population in the central region of Russia

### POSTER PRESENTATIONS

11:00–11:10 19:00–19:10

**Maheswara Satya GR Golla**

Guam Regional Medical City, United  
States

Title: A comparative study of fixed fluoroscopy-assisted and portable C-arm-assisted coronary catheterization and intervention: Evaluating procedural outcomes and radiation exposure

11:10–11:20 17:10–17:20

**Wang Dongyan**

Chongqing Red Cross Hospital, China

Title: Personalized care enhances quality of life for long-term tracheostomy patients

11:20–11:30 17:20–17:30

**Zhongshu Zhou**

The Thirteenth People's Hospital of  
Chongqing, China

Title: Prognostic value of serum Lp-PLA2, sST2 combined with MRR for recurrent ischemia in STEMI patients treated with PCI

11:30–11:40 10:30–10:40

**Hsuu Myat Moe Aung**

Leeds Teaching Hospitals NHS Trust,  
United Kingdom

Title: Secondary prevention measure, specifically HBA1C and lipid profile, following an acute myocardial infarction audit

11:40–11:50 10:40–10:50

**Okorafor Ugochi Chinenye**

Meridian Cardiac Center, Nigeria

Title : There is no association between measures of obesity and cardiometabolic risk indices in this Nigerian population



## ORAL PRESENTATIONS

11:50–12:10

18:50–19:10

### Dae Wook Lee

Novartis Pharmaceuticals Korea,  
South Korea

Title: Latest implication of generative AI in cardiology

12:10–12:30

12:10–12:30

### Maria Borrell

Institut de Recerca Sant Pau – Centre  
CERCA, Spain

Title: Cholesterol lowering and other PCSK9 roles

12:30–12:50

11:30–11:50

### Okorafor Ugochi Chinenye

Meridian Cardiac Center, Nigeria

Title: Serum uric acid is independently associated with increased cardiovascular risk in Nigerian patients

12:50–13:10

16:20–16:40

### N Gokarneshan

SSM College of Engineering, India

Title: Role of smart textiles in cardiac monitoring

13:10–13:30

14:10–14:30

### Dascalescu Cristina Anca

MED FAM Society, Romania

Title: Compliance of hypertensive patients monitoring modifiable risk factors in the family doctor's office. Personal study

13:30–13:50

12:30–12:50

### Najlae Adadi

Higher Institute of Nursing and Health  
Technology Professions, Morocco

Title: Post-mortem diagnosis of pompe disease by exome sequencing in a Moroccan family

13:50–14:10

14:50–15:10

### Yasser Mohammed Hassanain Elsayed

Egyptian Ministry of Health, Egypt

Title: Right to left angina yasser's syndrome (Swinging Yasser's Central Heart Syndrome) or dancing yasser's heart syndrome–A new cardiovascular discovery and differentiation–A case report

14:10–14:30

09:10–09:30

### Agustin Joison

Cordoba Catholic University,  
Argentina

Title: Study residual cardiovascular risk of ApoB, HDL–C LDL–C CRP and Lpa in ischemic and non ischemic heart disease

14:30–14:50

17:00–17:20

### Abdul Ghafoor Zarmalwal

FMIC Hospital Kabul, Afghanistan

Title: Echocardiography guided percutaneous closure of patent foramen ovale with biodegradable device

14:50–15:10

09:50–10:10

### Cristina Milagre Quadros Borges

Hcor–Hospital of Heart in Sao Paulo,  
Brazil

Title: Harm reduction in tobaccoism: What does the scientific evidence say?

15:10–15:30

10:10–10:30

### Joao Rafael de Oliveira Rocha da Silva

Connect Life Rehabilitation and  
Performance, Brazil

Title: Factors that impact adherence to physical exercise in individuals with chronic pain

15:30–15:50

10:30–10:50

**Daniel L Cobo**

Faculty of Medicine of Sao Jose do Rio Preto, Brazil Title: Cinecoronariographic arterial standardization in univentricular heart

15:50–16:10

06:50–07:10

**Emerson Jose De Souza**

Vanlab Innovations, Canada Title: Cardiac myocytes' dynamic contractile behavior differs depending on heart segment

## KEYNOTE PRESENTATIONS

16:10–16:50

09:10–09:50

**Robert J Chilton**

UT Health San Antonio, United States Title: Advancements in atherothrombotic disease treatment: Unveiling the potential of SGLT2/1 agents chilton 2024

16:50–17:30

07:50–08:30

**Katherine Bianco**

Stanford University, United States Title: Maternal congenital heart disease: Impact on adverse neonatal outcomes

## POSTER PRESENTATION

17:30–17:40

11:30–11:40

**Lucas Chronis**

Queen's University, Canada Title: The 6–minute walk test modifies the New York heart association classification of hypertrophic obstructive cardiomyopathy and congestive heart failure patients

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END NOTE

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*We wish to meet you again at our  
upcoming events*

3<sup>rd</sup> Edition of

**International Heart Congress**

June 05-07, 2025 | Rome, Italy and Online

<https://heart.magnusconferences.com/>

6<sup>th</sup> Edition of

**Cardiology World Conference**

September 17-19, 2025 | London, UK and Online

<https://cardiologyworldconference.com/>

**Questions? Contact**

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