



15th Global Forum on Humanitarian Medicine in Cardiology and Cardiac Surgery & **6th** Euro-Asian Symposium of Paediatric Cardiology and Cardiac Surgery

w w w . g f h m . c h

November 27 - 29, 2025

Hybrid Event

Virtual & In Person

Ataee Shaw Hall Muddenahalli, India

Sri Madhusudan Sai Institute of Medical Sciences and Research

Co-organized by:



Kalangos Foundation
President: **A. Kalangos**



Sri Madhusudan Sai Institute
of Medical Sciences and Research

Co - Chairs: Prof. A.Kalangos & Prof. S. Setty

Gen. Secretary: C.S.Hiremath

SCIENTIFIC PROGRAMME



Local Organizing Committee

Chairman

Prof. Afksendiyos KALANGOS, MD; PhD, FETCS, DSc (Hon.)

President and Founder Global Forum

on Humanitarian Medicine in Cardiology and Cardiac Surgery

Director of the Center of Congenital Heart and Tracheal Diseases, Athens Euroclinic Hospital, Athens, Greece

Chairman

Prof. Shaun P. SETTY, MD

Clinical Assistant Professor - Pediatric Cardiac Surgery, Surgical Director of Cardiovascular Intensive Care Unit,

Surgical Co-Director of Adult Congenital Heart Program, Surgical Director for the Pediatric Bloodless Cardiac Surgery Program

Director of Global Cardiac Care, Stanford University

Secretary General

DR. C.S. HIREMATH

Director Heart Valve Bank and Academics CTVS Senior Consultant and Chief Cardiac Surgeon SSSSMH

and SMSIMSR Muddenahalli Chikkaballapura 562 101 Near Bangalore International Airport

Members

Prof. Kathy JENKINS

Cardiology, Harvard Medical School, Children's Hospital, Boston, MA, USA

IQIC

Dr Nataliya SHATELEN

Vice President of Kalangos Foundation

Mrs. Bistra ZHELEVA

Childrens HeartLink, Intl' Program Manager, Minneapolis, MN, USA

Mr. Stephan MIGNON

Lausanne, Switzerland



WELCOME ADDRESS

The inequality between our global civilization is widening every day. Developing countries face a chronic shortfall in financial, technological and human resources, a heavy burden of widespread communicable disease and the devastating consequences of socio-political conflicts. To these, globalisation and new lifestyles have added in recent years the rapid emergence of “diseases of affluence”, among which cardiovascular conditions feature as the most life threatening.

There are currently up to 24 million children in the world who were born with congenital malformations, half of whom will die for lack of care before reaching their second birthday. Among the survivors, 5 million, mostly in developing countries, are in desperate need of open-heart surgery to repair congenital heart disease. In addition it has been estimated that in low-and middle income countries approximately 90% of children with heart disease do not have access to cardiovascular centres.

How long can they wait? This issue calls for immediate action.

Cardiovascular diseases are rapidly emerging as a major threat for the health of populations in the developing world. While there exists one cardiovascular centre for every 120,000 people in the United States, Asia has only one for 16 million people and Africa one for 33 million. Globally, 4.5 billion do not have access to such care.

In spite of the vast numbers of individuals and organizations scattered all over the world who deploy relentless humanitarian efforts to tackle this problem, we cannot foresee any marked progress in the near future. It is therefore urgent that around 80 NGO's currently specializing in pediatric cardiac care throughout the world (according to a recent survey in 92 countries), international organizations such as the World Health Organization (WHO), the World Bank or the International Organization for Migration (IOM), as well as the very supportive medical and pharmaceutical industries create a consensual approach and undertake globally agreed upon action to fight cardiovascular diseases.

This is the purpose of the Global Forum on Humanitarian Medicine in Cardiology and Cardiac Surgery (GF):

We all join forces in the struggle to close the gaping global disparities in medical skills and technology thus working towards a more equitable world.

Professor Afksendiyos Kalangos and Dr Jan T. Christenson founded the Global Forum in Humanitarian Medicine in Cardiology and Cardiac Surgery (GF) in 2003 in Geneva, Switzerland. The first GF was held in May 2003. The GF was under the patronage of the local NGO Coeur pour Tous in Geneva, Switzerland. The Forum discusses how to best cooperate and assist in capacity building within the health sector of the South, and is reflecting on the achievements and failures of the past in order to create the vision that would ensure the success of partnerships and collaborative efforts.

It also identifies sectors of pediatric cardiology and cardiac surgery that must be developed in emerging countries in order to check the steady advancement of heart disease in children. This includes education, research and training through various programs such as the International Quality Improvement Collaborative (IQIC) for Congenital Heart Disease: Improving Care in Low-and-Middle-Income Countries. The creation of the Global Heart Network (GHN) helps to bridge some of these gaps as well.

In 2025 we will once again have a joint Conference with the 6th Euro-Asian Symposium of Pediatric Cardiology and Cardiac Surgery to attract more cardiologists and cardiac surgeons to be involved in this humanitarian effort.

Prof. Afksendiyos Kalangos

President

Global Forum on Humanitarian Medicine
in Cardiology and Cardiac Surgery

Shaun P. Setty, MD

President

Clinical Assistant Professor - Pediatric Cardiac Surgery
Surgical Director of Cardiovascular Intensive Care Unit
Surgical Co-Director of Adult Congenital Heart Program
Surgical Director for the Pediatric Bloodless Cardiac
Surgery Program, Director of Global Cardiac Care
Stanford University

SCIENTIFIC PROGRAMME





SCIENTIFIC PROGRAMME

THURSDAY NOVEMBER 27, 2025

Opening Ceremony

11:00 - 11:15	<i>Kalangos A., Greece</i>
11:15 - 11:30	<i>Setty S., USA</i>
11:30 - 12:00	<i>Zühlke L., South Africa</i> Congenital heart disease in Africa: current priorities
12:00 - 12:30	<i>Tettey M., GHANA, West Africa</i> Cardiac surgery in West Africa
12:30 - 13:00	<i>Oburu G., Nairobi Kenya</i> Cardiothoracic surgery training in Africa: History and developments
13:00 - 13:30	<i>Craig M., USA</i> Perfusion: a) Focusing on cost-saving strategies b) tips for circuit management and design
13:30 - 14:00	BREAK
14:00 - 14:30	<i>Jenkins K., USA</i> Updates from IQIC for congenital heart disease: developments and current priorities
14:30 - 15:00	<i>Zühlke L., South Africa</i> How to manage rheumatic heart disease in Africa
15:00 - 15:30	<i>Kyritsi F., Greece</i> JHCVM Current status



SCIENTIFIC PROGRAMME

FRIDAY NOVEMBER 28, 2025

09:00 - 09:30	Kiraly L., Asia Landscape of congenital heart disease and congenital cardiac surgery in the ASEAN region
09:30 - 10:00	Iyer K, India Asia's cardiac surgery capacity to manage congenital heart disease
10:00 - 10:30	Sivalingam S., Asia Cardiothoracic surgery training in Asia: history and developments
10:30 - 11:00	Hiremath C.S., India The leading role of India in the organization of humanitarian cardiac surgery in different Asian countries
11:00 - 11:30	Lai W., USA Educational Resources for the Global Cardiac Humanitarian Caregiver
11:30 - 12:00	Ranganathan A., India Early extubation: practical techniques and approaches
12:00 - 12:30	BREAK
12:30 - 13:00	Biancolini F., South America Congenital heart disease in South America
13:00 - 13:30	Lugones I., South America Pediatric cardiac surgery training in South America
14:00 - 14:30	Almeida R., Brazil Adult cardiac surgery training in South America
14:30 - 15:00	BREAK
15:00 - 15:30	Axelrod D., USA Virtual Reality Training in CHD
15:30 - 16:00	Setty S., USA Surgical management of congenital cyanotic heart disease in newborns
16:00 - 16:30	Jonas R., USA Deep hypothermic arrest in neonatal surgery: is it a safe option?
16:30 - 17:00	Petropoulos A., Greece Strategies in detecting critical and severe Congenital Heart Diseases in low and Middle economic countries
17:00 - 17:30	Mentis A., Greece Genomics in Pediatric Cardiology: Bridging Research and Humanitarian Care
17:30 - 18:00	Martino-Bailey H., Australia Palliative Care: Exploring the optimal approaches within global humanitarian missions
18:00 - 18:30	Sathe Y., India Ductal Dependent Lesions: PDA Stents in a humanitarian settings
18:30 - 19:00	BREAK
19:00 - 21:00	From Survival to Thriving: Building Lifelong Care for Congenital Heart Disease in LMICs
19:00-19:05	Welcome & Opening Bistra Zheleva, Children's HeartLink, USA
19:05-19:20	The Global Landscape of CHD in LMICs - Where is Lifelong Care? Amy Verstappen, Global Alliance for Rheumatic and Congenital Hearts, USA
19:20-19:30	Living with CHD in LMICs Siddhant Rathi, Patient Advocate from India
19:30-19:40	Designing Lifelong CHD Care Pathways Sreehari Nair, MD, Kerala Health Department, India
19:40-20:00	Q&A Panel

All times are indicated in local time (Mundanahalli, India - GMT +5:30).



SCIENTIFIC PROGRAMME

SATURDAY NOVEMBER 29, 2025

09:00 - 09:20	Setty S., USA Introduction to GHN
09:20 - 10:00	Dharmaraj R., USA Global Heart Network: A demonstration by Ramesh D. showcasing the platform's capabilities and how it can be beneficial
10:00 - 10:20	Novick W., USA Humanitarian Pediatric Cardiac Surgery in a War-Torn Environment
10:20 - 12:30	Abstracts Session and Closure OP 01 CHANGING THE ODDS; SURGICAL OUTCOMES OF A FULLY CHARITABLE MODEL FOR CONGENITAL HEART DISEASE Gopichand Mannam, Sai Kiran, Thomas Mathews, Jagannndh, Nitin Rao, Suman, Ramkinkar Sastry <i>HRUDAYA cure a little heart foundation, star hospitals, Hyderabad</i> OP 02 PEDIATRIC HEART TRANSPLANTATION DURING THE WAR: BREAKING BARRIERS AND EXPLORING NEW FRONTIERS Borys Todurov, Sofia Chaikovska, Gavrylo Kovtun, Serhii Sudakevych, Igor Kuzmych, Mykola Melnyk, Maxim Taranov, Anton Shpachuk, Vitaly Demyanchuk <i>SE «Heart Institute Ministry of Health of Ukraine» Shupyk National Healthcare University of Ukraine, Kyiv, Ukraine</i> OP 03 BUILDING CARDIAC CARE CAPACITY: THE TEAM HEART ECHOCARDIOGRAPHY TRAINING AND MENTORSHIP MODEL ACROSS RWANDA'S LEVEL 2 TEACHING HOSPITALS Faustin Mugemanyi ¹ , Lillian Mafende ¹ , Evariste Ntaganda ² , Darius Uzabakiriho ¹ , Ceeya Patton Bolman ¹ <i>¹ Team Heart Inc, Rwanda, ² Rwanda Biomedical Centre</i> OP 04 STRENGTHENING POST-CARDIAC SURGERY FOLLOW-UP CARE IN RWANDA: TEAM HEART'S COLLABORATIVE APPROACH Lillian Mafende, Faustin Mugemanyi, Darius Uzabakiriho, Ceeya Patton Bolman <i>Team Heart Inc, Rwanda</i> OP 05 NEGLECTED CONGENITAL HEART DISEASE IN REFUGEES Anagnostopoulou Andriana, Andreou Nikolaos, Eleftherakis Nikolaos, Karanasios Evangelos <i>Agia Sofia Children's Hospital Athens Greece</i> OP 06 AGENTIC AI & CONVERSATIONAL AI FOR AUTONOMOUS SURGICAL PLANNING AND REAL-TIME ADAPTIVE INTRAOPERATIVE GUIDANCE IN COMPLEX CARDIOVASCULAR PROCEDURES <u>Karthik Ramesh</u> <i>CEO Middle East & Group Chief Growth Officer, Chief Research and Innovation Evangelist SMSIMSR</i> OP 07 MADURAI CVTS ICD REMOVAL SCORING SYSTEM - A SYSTEMIC AND SCIENTIFIC SCORING SYSTEM FOR INTERCOSTAL DRAINAGE TUBE REMOVAL Dr. P. IsakkiRajan, Dr. P. Amirtharaj, Dr. Muthuvijayan, Dr. B. Karthikeyan, Dr. Nikhilan et al <i>Madurai Medical College</i>



INDEX

A

Almeida Rui M. S.

Full Professor and Dean - University Center Assis Gurgacz Foundation, Education Director and Past President - Brazilian Society of Cardiovascular Surgery, President Elected - LACES (Latin American Association of Cardiac and Endovascular Surgeons), President of the World Society of Cardiovascular and Thoracic Surgeons

Axelrod David

MD, Clinical Professor, Stanford University School of Medicine

B

Biancolini Fernanda

Pediatric and Fetal Cardiologist at Pedro de Elizalde Children's Hospital, Buenos Aires Argentina

C

Craig Mc Robb

MPS, CCP, Senior Perfusionist, Children's Hospital Colorado, Denver, Colorado, USA

D

Dharmaraj Ramesh

Vice President of Product Development. Techunison Software

H

Hiremath C.S.

Director Heart Valve Bank and Academics CTVS Senior Consultant and Chief Cardiac Surgeon SSSSMH and SMSMSR Muddenahalli Chikkaballapura 562 101 Near Bangalore International Airport

I

Iyer Krishna

Chairman, Pediatric and Congenital Heart Surgery, Fortis Escorts Heart Institute Okhla Road, New Delhi

J

Jenkins Kathy

MD, MPH, Executive Director, Center for Applied Pediatric Quality Analytics, Boston Children's Hospital

Jonas Richard

Emeritus Chief, Cardiac Surgery Senior Investigator, Center for Neuroscience Research, Washington, DC 20010, United States

K

Kalangos Afksendiyos

Prof. Afksendiyos KALANGOS, MD; PhD, FETCS, DSc (Hon.), President and Founder Global Forum on Humanitarian Medicine in Cardiology and Cardiac Surgery, Director of the Center of Congenital Heart and Tracheal Diseases, Athens Euroclinic Hospital, Athens, Greece

Kiraly Laszlo

MD PhD FETCS, Head, Department of Cardiac, Thoracic and Vascular Surgery, NUHCS, Senior Consultant, Paediatric Cardiac Surgery, Group Chief of Cardiothoracic Surgery, NUHS, Associate Professor, Department of Surgery, Yong Loo Lin School of Medicine, National University of Singapore, Associate Professor, Department of Public Health, Professor in Medicine (Hon), Semmelweis University, Budapest, Hungary

Kyritsi Fotini

Journal Manager at Journal of Humanitarian Cardiovascular Medicine

L

Lai Wyman

MD, MPH, MBA, Assistant Chief, Cardiology Division, Medical Director, CHOC Echocardiography, Clinical Professor, UCI Department of Pediatrics

Lugones Ignacio

Chief of Cardiac Surgery, Children's Hospital "Dr. Pedro de Elizalde," Buenos Aires, Argentina

M

Martino-Bailey Helen

Registered Nurse, Specialist in Compassionate Care

Mentis Alexios-Fotios

M.D. Ph.D., M.P.H., National Public Health Organization, Athens, Greece

N

Novick William

Paul Nemir Professor of International Child Health and Surgery, University of Tennessee Health Science Center-Global Surgical Institute, and Novick Cardiac Alliance.

O

Oburu Gilbert

Snr. Consultant, CTS, Kenyatta National Hosp. Univ of Nairobi, Kenya



INDEX

P

Petropoulos Andreas

Ass. Prof. Dr., Fetal, Pediatric and Congenital Cardiologist and Ped.Cardiac Intensivist, Ass. Director Center of Congenital Heart Disease, Euroclinic, Consultant, IASO Pediatric Hospital and REA Maternity Hospital, Athens - Greece, The Aziz Aliyev, Postgraduate and CME, National Medical Center, Baku - Azerbaijan

R

Ranganathan Ananthasubramanian

Pediatric Cardiac Anaesthesiologist and Intensivist

S

Sathe Yogesh

Senior Consultant and Head, Pediatric Cardiology, Sri Sathya Sai Sanjeevani hospital, Raipur, Chhattisgarh, India

Setty P. Shaun

MD, Clinical Assistant Professor - Pediatric Cardiac Surgery, Surgical Director of Cardiovascular Intensive Care Unit, Surgical Co-Director of Adult Congenital Heart Program, Surgical Director for the Pediatric Bloodless Cardiac Surgery Program, Director of Global Cardiac Care, Stanford University

Sivalingam Sivakumar

Senior Consultant Cardiothoracic Surgeon, Clinical Director, Congenital Heart Surgery, National Heart Institute, Kuala Lumpur, Malaysia

T

Tettey Mark

Professor, Snr. Consultant, CTS, National CT Center, Korle Bu Teaching Hosp. Univ of Ghana, Accra. Ghana

Z

Zheleva Bistra

Vice President of Global Strategy and Advocacy

Zuhlke Liesle

MB ChB DCH FCPaeds Cert Card MPH FESC FACC FAHA MSc MASSAf PhD, Vice-President Extramural Research and Internal Portfolio, South African Medical Research Council



GENERAL INFORMATION

Congress Dates

November 27-29, 2025

Type of Attendance

Virtual

Conference Venue

Ataee Shaw Hall Muddenahalli, India
First floor. Rajeshwari block. Sri Madhusudan Sai Institute of Medical Sciences and Research.
Muddenahalli Chikkaballapura 562 101.

Language

English

Registration Fees - FREE

- Admission to the main Scientific Sessions
- Certificate of Attendance
- Attendance on Demand

Information

- Registration through the <https://gfhm.ch/> website
- Registered participants will receive the electronic badge (e-badge) which will include the unique barcode for entering the live-streaming platform, as well as the Final Program of the Conference in electronic form (e-Program) via a QR code.
- The registered participants will receive relevant instructions for receiving the electronic Certificate of Attendance (e-Certificate), at the electronic address (e-mail) that they have stated in their Registration Form, after the end of the Conference.
- The attendance time will be recorded when enter and exit the live-streaming platform.

All times are indicated in local time (Mundanahalli, India - GMT +5:30).

Organization - Secretariat



26 Marathonomahon St., 151 24 Maroussi, Greece
Tel.: +30 210 68 27 405 & +30 210 68 39 690-1
Fax: +30 210 68 27 409
E-mail: mkottaridi@tmg.gr, Web site: www.tmg.gr

Organization - Secretariat



26 Marathonomahon St., 151 24 Maroussi, Greece

Tel.: +30 210 68 27 405 & +30 210 68 39 690-1, Fax: +30 210 68 27 409

E-mail: mkottaridi@tmg.gr, Web site: www.tmg.gr

