

Preliminary PROGRAM

Tufts University Medical Center, Boston, USA,

Hoag Hospital, Newport Beach, USA and

Elisabethinen Hospital, Linz, Austria

Present the 14th International Symposium

Echocardiography Today and Tomorrow

Advanced Echocardiography with Illustrative Case Studies

by a Panel of Distinguished International Faculty



Symposium Directors:

Natesa G. Pandian and H. Joachim Nesser

Co-Director:

Thomas Binder

Web Home Page: www.cardiology.co.at

Abstracts on original research or clinical case studies will be considered for poster presentation; the best abstracts will be published in "Proceedings of 2019 St. Wolfgang Echocardiography Conference"

Faculty

USA

Anthony Caffarelli	Newport Beach
Gerard P. Aurigemma	Worcester
Frederick Cobey	Boston
Y. Chandrashekhara	Minneapolis
Mehak Dhande	Boston
Madhavi Kadiyala	New York
Burkhard Mackensen	Seattle
Rekha Mankad	Rochester
Sunil Mankad	Rochester
Natesa G. Pandian	Newport Beach
Alamelu Ramamurthi	Boston
Muhamed Saric	New York
Robert Siegel	Los Angeles

MEXICO

Antonio Arias Godinez	Mexico City
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EUROPE

Luigi Badano	Italy
Rolf Baumann	Germany
Thomas Binder	Austria
Elena Cavarretta	Italy
Antonietta Evangelista	Italy
Christian Ebner	Austria
Francesco Faletra	Switzerland
Gerald Maurer	Austria
Alberto Milan	Italy
Mark Monaghan	UK
Bernhard Mumm	Germany
Hans Joachim Nesser	Austria
Petros Nihoyannopoulos	UK
Maurizio Parato	Italy
Elif Sade	Turkey
Fabiola Sozzi	Italy
Regina Steringer-Mascherbauer	Austria
Jose Angel Urbano Moral	Spain

PROGRAM

October 05, Saturday

Session

Presiding:

Innovations - We have them, How to Use Them Optimally

- 3D Echo
- Speckle-Derived Strain Imaging
- Fusion Imaging
- Augmented Reality
- 3D Printing

Session

Presiding:

Back to Basics- Many Decades in Practice but Mistakes Still Made, How to Avoid Them

- 2D Echo, Doppler, TEE: How to Do an Optimal Exam and Interpret Accurately
- Echo Artefacts – Let Us Play a Game
- Stress Echo for Valve Disease

Special Session Wet Lab

Anatomy of Cardiac Valves and Related Structures – Anatomic Dissection and Illustration

By **Dr. Anthony Caffarelli**

Session

Presiding:

Stefano DeCastro Oration

Valve Disease in Current Era I

- Aortic Stenosis – Severity Assessment in different cohorts
- Echo Guidance for TAVR
- Mitral and Tricuspid Stenosis – Severity Assessment
- Echo Guidance for Treatment
- Mitral Regurgitation – Quantitation and Echo Anatomic Details
- 3D Road Map for Anatomy and Guidance
- Guidance for Transcatheter Approaches

Session

Presiding:

Valve Disease in Current Era II

- Aortic Regurgitation
- Echo Assessment of AR Mechanisms and Severity
- Tricuspid Regurgitation: When to Intervene?
- 3D Road Map of TV Anatomy and Guidance for TTVR
- Combined Lesions, How to Assess Individual Severity, When Transcatheter Treatment?, When Surgery?

October 06, Sunday

Session

Presiding:

Let us go to the Operating Theater

- Modern Approaches to MV Repair
- What do you need to know before surgery?
- MV Repair Techniques in the Current Era
- What do you look for after surgery?
- Repairable Trileaflet and Bicuspid Aortic Valves and Dilated Aorta
- What do you need to know before surgery?
- Surgical Repair Techniques: When to Spare, When to Repair, When to Replace
- What do you look for after surgery?

Session

Presiding:

Valve Diseases Beyond the Usual Pathology

- Systemic Disorders, Radiation-Induced, Part of Cardiomyopathies

Session

Presiding:

Endocarditis, Prosthetic Valves

- Endocarditis – All Bugs Are Not the Same

- Spectrum of cases and Impact of Echo Findings
- Patient-Prosthesis Mismatch: How to Avoid Them, How to Recognize, How to Treat
- Prosthetic Valve Dysfunction
- Prosthetic Valve Endocarditis

Session

Presiding:

More to Transcatheter Interventions

Echo Guidance for Transcatheter Approach for Nonvalvular Problems

Session

Presiding:

Doppler Hemodynamics Workshop

I Ask You Answer or You Ask I Answer

Jos Roelandt Oration

Session

Presiding:

Chamber Function I

- LV Volumes and Ejection Fraction – Errors Made and How to Avoid Them
- Diastolic LV Function – A Simplified, Common Sense Approach
- Left and Right Atrial Function – What Parameters Are Useful Clinically

October 07, Monday

Session

Presiding:

Right Heart and Pulmonary Hypertension

- 2D/3D Quantitation of RV Volumes and Ejection Fraction and Treatment Implications
- Pulmonary Embolism – Causes and Sources
- Pulmonary Hypertension: How to Avoid Errors in Quantifying PA Systolic Pressure
- Pulmonary Hypertension - Beyond PA Systolic Pressure: Other Indices of Importance
- Unilateral Pulmonary Hypertension and Rare Causes of Pulmonary Hypertension

Session

Presiding:

Ischemic Syndromes, MI Complications

- Cases and Guidance's for Surgical and Transcatheter Treatment

Session

Presiding:

Cardiomyopathies of Varied Causes I

- Hypertrophic Cardiomyopathy – The Spectrum and Treatment Implication
- Athlete's Heart or Something Else
- Myocarditis or Chronic CMP?
- A Fib Atrial and Ventricular CMP

Session

Presiding:

Cardiomyopathies of Varied Causes II

Dilated Cardiomyopathies from Different Mechanisms, Arrhythmogenic CMP, Transthyretin CMP, Inflammatory Disorders, Amyloidosis and Other Infiltrative/Storage Diseases, Noncompaction, Peripartum, Endomyocardial Fibrosis, Metabolic CMP, Friedreich's Ataxia, Congenital CMP, Radiation-induced CMP, Toxic CMP, Guidance for Interventional Procedures for Heart Failure

Session

Presiding:

Meet the Editors

How to construct a clinical or scientific manuscript and Get it Published

Dr. Y. Chandrashekar (Editor-in-Chief, JACC Cardiac Imaging)

Dr. Gerald Maurer (Editor-in-Chief, EHJ Cardiac Imaging)

Dr. Petros Nihoyannopoulos (Editor-in- Chief, Echo Research and Practice)

Session

ECHO CONTEST

Competing Teams:

EUROPE

AMERICA

AUDIENCE

October 08, Tuesday

Session

Presiding:

Audience Case Study Competition

Session

Presiding:

Adult Congenital Heart Disease

- Obstructions
- Shunts
- Twisted Connections
- Combinations
- Operated Congenital Heart Defects
- Guidance for Interventions and Surgery

Session

Presiding: Dr. Anthony Caffarelli

Aortic Pathology

- Aortic Dissection
- Intramural Hematoma
- Penetrating Ulcers
- Aortic Masses
- Other Aortic Diseases

Session

Presiding:

Pericardial Disorders

- Straight Forward and Atypical Tamponade
- Constrictive Pericarditis – Straight Forward and Challenging
- Absent Pericardium, Masses and Cysts

Session

Presiding:

Cardiac Masses

Cases and Discussion - Clots, Tumors, Psuedo-masses, Foreign Bodies, Left-Overs

Session

Presiding:

Contrast Echo

Cases and Discussion - Chamber Assessment, Doppler Enhancement, Clarification of Masses, Detection of Unusual Pathology – Cases

Session

Presiding:

FINAL CHALLENGES

You Might Have Never Seen a Case Like this! Cases for the Road!

Adjourn