

FINAL PROGRAM

*Tufts Medical Center, Boston, USA, Hoag Hospital, Newport Beach, California
and Elisabethinen Hospital, Linz, Austria
present the 13rd International Symposium*

Echocardiography Today and Tomorrow



Advanced Echocardiography with Illustrative Case Studies

Pre-meeting Workshop:

Right Heart Diseases from Diagnosis to Therapy

June 10, 2017

Main Symposium

June 11 – 14, 2017

Conference Center

ST. WOLFGANG (near Salzburg), Austria

Co-Directors:

Natesa G. Pandian and H. Joachim Nesser

Web Home Page: www.cardiology.co.at

FACULTY

USA

Eleonora Avenatti	Houston
Fredrick Cobey	Boston
Michele Esposito	Boston
John Gorcsan	Pittsburg
Marc Gorman	Newport Beach & Boston
Jin Kyung Kim	Orange
Madhavi Kadiyala	New York
Itzhak Kronzon	New York
Steven Lester	Scottsdale
Sunil Mankad	Rochester
Rekha Mankad	Rochester
Natesa Pandian	Newport Beach
Aidan Raney Jr	Newport Beach
Pravin Shah	Newport Beach
Robert Siegel	Los Angeles

Europe

Josef Aichinger	Austria
Thomas Binder	Austria
Luigi Badano	Italy
Elena Cavarretta	Italy
Stefano Caselli	Italy
Michele Covella	Italy
Alain Delabays	Switzerland
Christian Ebner	Austria
Francesco Faletra	Switzerland
Jaroslaw Kasprzak	Poland
Gerald Maurer	Austria
Cheu-Keu Ng	Austria
Alberto Milan	Italy
Valeria Milazzo	Italy
Bernhard Mumm	Germany
Hans Joachim Nesser	Austria
Maurizio Parato	Italy
Ana Maria Pistritto	Austria
Elif Sade	Turkey
Fabiola Sozzi	Italy
Thomas Sturmberger	Austria
Jose Angel Urbano	Spain

Mexico

Antonio Arias Godinez	Mexico City
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Saudi Arabia

Bahaa Fadel	Riyadh
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Saturday, June 10, 2017

Workshop

**Right Heart Disorders
From Diagnosis to Therapy**

Faculty

Antonio Arias Godinez	Thomas Binder	Francesco Faletra
Michele Esposito	John Gorcsan	Madhavi Kadiyala
Jin Kim	Itzhak Kronzon	Steven Lester
Hans Joachim Nesser	Cheu-Keu Ng	Natesa Pandian

AM

9:00 Onwards – Registration

PM

12:15 Welcome

12:30

Session 1

Anatomy and Pathology of the Right Heart

RA and RV Function and Hemodynamics

RV and RA Strain

Tricuspid Valve Disease

Pulmonic Valve Disease

Pulmonary Embolism

Pulmonary Hypertension

Practical Demo: Pulmonary Hypertension

3:00 Coffee Break

3:30

Session 2

Atrial Fibrillation-induced Atrial Cardiomyopathy and Valve Regurgitation

Surgery for Tricuspid and Pulmonic Valve Disease

Percutaneous Therapy for Tricuspid and Pulmonic Valves

Congenital Disorders of Right Heart

Ischemic RV Disorder

Right Heart Cardiomyopathies

Role of CMR in Right Ventricular Assessment

Indications/Role of RV Assist Devices

5:00

Session 3

Teaching Case Studies of Right Heart Disorders

6:00 *Adjourn*

Sunday, June 11, 2017

MAIN SYMPOSIUM

AM

8:00 Welcome and Symposium Orientation

Dr. H. Joachim Nesser and Dr. Natesa Pandian

Session 1

Presiding: Dr. Natesa Pandian and Dr. Gerald Maurer

Let us Start With a Quiz!

8:30 Some Challenging, Uncommon Cases (Cases 1-3)

Dr. Sunil Mankad, Dr. and Dr. Robert Siegel

Evolving Technical Advances

9:00 Speckle-derived Strain – Proven Utility and Potential (Cases 4-6)

Dr. Steven Lester

9:15 3D Echo – Automated Quantification of Flow and Regurgitation (Cases 7-9)

Dr. Natesa Pandian

9:45 Fusion Imaging – Is it Really Worth the Effort? (Cases 10-11)

Dr. Francesco Faletra

10:00 Augmented and Virtual Reality: A Toy or a Tool? (Cases 12-14)

Dr. Bernhard Mumm

10:20 Coffee Break

11:35

Session 2

Presiding: Dr. Joachim Nesser and Dr. Rekha Mankad

Jos Roelandt Memorial Lecture

Stenotic Valve Lesions – New Insights and Lessons

Dr. Pravin Shah

12:00

New trends in mitral and tricuspid valve interventions

(supported by Abbott Vascular) Speaker: to be determined

12:30 Lunch Break

2:00

Session 3

Presiding: Dr. Pravin Shah and Dr. Robert Siegel

Stenotic Valve Lesions – Could be Challenging! (Cases 15-23)

Low EF Low Gradient Severe Aortic Stenosis; Low Flow Normal EF AS; AS and Aortic Dilation, Repair or Replacement, Mitral Stenosis, Mitral Arcade, Degenerative MS, Uncommon Stenosis, Value of Strain

Presenters and Discussants:

Dr. Sunil Mankad

Dr Rekha Mankad

Dr. Itzhak Kronzon

Dr. Thomas Binder

Dr. Robert Siegel

3:15

Normal-paradoxical-low Flow- Low Gradient AS:
Echo issues behind the curtain (Cases 24-25)

Dr. Joachim Nesser

3:30 **Coffee Break**

4:15

Session 4

Presiding: Dr.Sunil Mankad and Dr. Steven Lester

Rheumatic Valve Disease – It is More Than Simple Mitral Stenosis (Cases 26-31)

Presenters and Discussants:

Dr. Antonio Arias

Dr. Baaha Fadel

Dr. Natesa Pandian

Dr. Elif Sade

5:00 **“Case of the day Quiz”**

Monday, June 12, 2017

AM

8:00

Session 5

Presiding: Dr. Steven Lester and Dr. Alain Delabays

The Spectrum of Valve Regurgitation! (Cases 32-38)

Prolapsing/Flail Mitral Valve; Fibrocalcific MR; MR of unusual cause; Functional MR; How to assess MR severity; Mechanisms behind Aortic Regurgitation; MR, and AR; Complex Regurgitation Cases; Changing Guidelines and Clinical Issues

Presenters and Discussants:

Dr. Steven Lester

Dr. Alain Delabays

Dr. Luigi Badano

Dr. Robert Siegel

Dr. Sturmberger

9:00

Stefano De Castro Memorial Lecture

Tricuspid Valve Disease – 3D Echo Insights and Therapeutic Guidance

Dr. Luigi Badano

9:30

Session 6

Presiding: Dr. Thomas Binder and Dr. Francisco Faletra

Other Major Valve Issues

Prosthetic valve problems, Endocarditis, Valve disorders of various etiologies (Cases 39-46)

Presenters and Discussants:

Dr. John Gorscan

Dr Steven Lester

Dr Maurizio Parato

Dr Elena Cavaretta

Dr Joachim Nesser

10:30 Coffee Break

Session 7

Presiding: Dr. Dr. Aidan Raney and Dr Michelle Esposito

Transcutaneous Therapy for Valve Disease

The Good, The Bad and The Ugly

(Cases 47-60)

11:15 3D/2D Imaging of All Valves: How to Get the Best Information

Dr. Francesco Faletta

11:30 Transcutaneous Aortic Valve Replacement

Dr. Itzhak Kronzon

11:45 Mitral Valve Procedures

Dr. Alain Delabays

12:00 Tricuspid Valve Procedures

Dr. Alain Delabays

12:15 Valve in a Valve: When and How

Dr. Robert Siegel

12:30 Teaching Cases: Percutaneous Valve Therapy

Dr. Christian Ebner

12:45 Lunch Break

PM

2:15

Session 8

Presiding: Dr Hans Joachim Nesser and Dr Maurizio Parato

Valve Surgery: It is a Team Effort (Cases 61-63)

Imaging Guidance *Dr. Pravin Shah*

Surgical Techniques *Dr. Aidan Raney*

2:45

Surgery for Hypertrophic Cardiomyopathy: It is a Team Effort (Cases 64-65)

Imaging Guidance *Dr. Pravin Shah*

Surgical Techniques *Dr. Aidan Raney*

3:10 Coffee Break

4:00

Session 9

Doppler Hemodynamics – We Show, You Interpret (Cases 66-75)

Presiding: Dr. Natesa Pandian

Presenters and Discussants:

Dr. Natesa Pandian

Dr. Bahaa Fadel

Dr. Steven Lester

Dr. Itzhak Kronzon

5:00 **“Case of the day Quiz”**

5:30

Colloquium 1

(Organized by Boso, GE, Siemens, Tomtec)

Chairmen: Dr. L. Badano and Dr. H.J. Nesser

Pulse waves for echocardiographers

Dr. Thomas Weber

Innovations in automation and mobile access change
workflow in cardiology

Dr. Rolf Baumann

Diagnostic and therapeutic aspects of patients with HFpEF

Dr. Julia Mascherbauer

Clinical impact of strain standardization

Dr. Luigi Badano

Tuesday, June 13, 2017

AM

8:00

Session 10

Presiding: Dr. Elif Sade and Dr Jose Angel Urbano

Stress Echo Today – Cases, Tips and Tricks to Avoid Misinterpretation (Cases 76-80)

Presenters and Discussants:

Dr. Itzhak Kronzon

Dr. Sunil Mankad

Dr. Maurizio Parato

Dr. Anna Maria Pistritto

8:40

Echo in Acute Myocardial Infarction – Different Infarcts, RV Infarction, Aneurysms, Mechanical Complications (Cases 81-87)

Presenters and Discussants:

Dr Francesco Faletra

Dr Jin Kyung Kim

Dr. Rekha Mankad

Dr Elena Cavaretta

9:30

Session 11

Presiding: Dr. Stefano Caselli and Dr. Jarslaw Kasprzak

Echo in Arrhythmic Disorders (Cases 88-94)

Atrial fibrillation-related Cardiomyopathy, Clot or No Clot in Atria, Appendage Closure, Arrhythmogenic Cardiomyopathy, Resynchronization Therapy, ICD Complications

Presenters and Discussants:

Dr. Robert Siegel

Dr Jarslaw Kasprzak

Dr Jin Kyung Kim

Dr Sunil Mankad

10:20 Coffee Break

11:00

Session 12

Presiding: Dr. Frederick Cobey and Dr. John Gorscan

Systolic Ventricular Dysfunction of Varied Etiology (Cases 95-100)

Ischemic Cardiomyopathy, Non-ischemic Cardiomyopathy, Stress-Induced CMP, NonCompaction, Post-partum CMP, Cardio-Oncology, Strain Imaging

Presenters and Discussants:

Dr. Sunil Mankad

Dr. John Gorscan

Dr. Michele Esposito

Dr Itzhak Kronzon

11:50

Session 13

Presiding: Dr. Alberto Milan and Dr. Elena Cavaretta

Cardiomyopathies – Non-ischemic Ventricles (Cases 101-106)

The spectrum of Hypertrophic Cardiomyopathy, Infiltrative Cardiomyopathies, Inherited Disorders, Drug-Induced CMP, Radiation Heart Disease

Presenters and Discussants:

Dr. Stefano Caselli

Dr. Elif Sade

Dr Maurizio Parato

Dr. Madhavi Kadiyala

Dr Joachim Nesser

12:40 Lunch Break

2:00

Session 14

Audience Case Study Competition (Cases 107-111)

Presiding: Dr. Natesa Pandian and Dr. Hans Joachim Nesser

2:45

Session 15

Presiding: Dr. Maurizio Parato and Dr. Kasprzak

Aortic Diseases (Cases 112-117)

Aneurysms, Dissection, Intramural Hematoma, Aortitis, Ulcers, Coarctation

Presenters and Discussants:

Dr. Jarslaw Kasprzak

Dr. Alberto Milan

Dr. Eleonora Avenatti

Dr. Valeria Milazzo

3:30 **Coffee Break**

4:15

Session 16

Echo Contest

Quiz Master: Dr. John Gorcsan

(Cases 118-138)

Competing Teams:

EUROPE

AMERICA

AUDIENCE

5:15 **“Case of the day Quiz”**

5:30

Colloquium 2

(Organized by MSD, Philips, Toshiba)

Chairmen: Dr. H. Nesser and Dr. N.G. Pandian

A patient with pulmonary hypertension

Dr. Regina Steringer-Mascherbauer

Is automated Live 3D echo based left heart volumetry ready for routine?

Dr. Francesco Faletra

What is 3D-Speckle Tracking ?

Willem Gorissen

Progress in clinical echocardiography

Dr. H. Joachim Nesser

Latest advances of periinterventional Live 3D TEE illustrated by clinical cases.

Dr. Francesco Faletra

Wednesday, June 14, 2017

AM

8:00

Session 17

Presiding: Dr. Bahaa Fadel and Dr. Antonio Arias-Godinez

Adult Congenital Heart disease (Cases 139-147)

Presenters and Discussants:

Dr. Antonia Arias-Godinez

Dr. Bahaa Fidel

Dr. Steven Lester

Dr. Fabiola Sozzi

9:00

Session 18

Presiding: Dr. Elena Cavaretta and Dr. Anna Maria Pistritto

Pericardial Disorders

Tamponade, Atypical Tamponade, Constrictive pericarditis, Fibrosis, Pericardial Cyst, Hematoma
(Cases 148-153)

Presenters and Discussants:

Dr Itzhak Kronzon

Dr. Sunil Mankad

Dr. Elena Cavaretta

Dr. Anna Maria Pistritto

9.45

Session 19

Presiding: Dr Jin Kyung Kim and Marc Gorman RDCS

Contrast Echocardiography – Can't Live Without It (Cases 154-160)

Presenters and Discussants:

Dr. Jin Kyung Kim

Dr. Steven Lester

Marc Gorman RDCS

10:15 **Coffee Break**

11:00

Session 20

Presiding: Dr. Natesa Pandian

Just Questions and Answers – Anything You Want to Ask

Panelists:

Dr. Gerald Maurer Dr. Sunil Mankad Dr. Steven Lester Dr. Robert Siegel Dr. Itzhak Kronzon

12:15

Lunch Colloquium

(Organized by Actelion)

Presiding: Dr. S. Lester and Dr. T. Binder

Echo assessment of pulmonary hypertension in daily practice **Dr. Thomas Binder**
Classification, diagnosis and treatment of pulmonary
arterial hypertension **Dr. Gabor Kovacs**

1:30

Session 22

Presiding: Dr. Jarslaw Kasprzak and Dr. Elif Sade

All Kinds of Masses – How to Sort Them Out (Cases 161-170)

Presenters and Discussants:

Dr. Fabiola Sozzi

Dr. Jarslaw Kasprzak

Dr. John Gorscan

Dr. Itzhak Kronzon

Dr. Marc Gorman

2:30

Session 22

Presiding: Dr. Jarslaw Kasprzak and Dr. Elif Sade

Sweating it Out: OR, ER, CCU, ICU Encounters (Cases 161-170)

Presenters and Discussants:

Dr. Frederick Cobey

Dr. Rekha Mankad

Dr. John Gorscan

Dr. Itzhak Kronzon

Dr. Steven Lester

3:30 Coffee Break

4:00

Session 23

Presiding: Dr. Natesa Pandian and Dr. Hans Joachim Nesser

Rapid Fire End-of-the-Conference Cases (Cases >171)

Presenters and Discussants:

Dr. Michele Esposito

Dr. Bahaa Fadel

Dr. Antonio Arias-Godinez

Dr. Michele Covella

Dr Elena Cavaretta

Dr Maurizio Parato

Marc Gorman, RCDS

5:00 Adjourn, auf Wiedersehen! Good Bye! Arrivederci! Ciao! Adios! Adieu! Au revoir!