



8:00 am REGISTRATION & INDUSTRY PRODUCT THEATER BREAKFAST

SESSION 1 • THE FOUNDATION

Chair Joseph Zacharias **Panelists** Johannes Bonatti, Joerg Kempfert, Antonios Pitsis, Frank Van Praet, Piotr Suwalski, Marco Solinas, Hermann Reichenspurner

9:00 am Welcome Endoscopic Cardiac Surgery: What, Where, Who and Why?
Introduction to Steering Committee. *Patrick Perier, Mario Castillo-Sang*

9:05 am St. Elizabeth Healthcare Welcome *Vera Hall, Garren Colvin*

9:10 am - 12:00 pm **CASE 1 PRESENTATION** *Joerg Kempfert*

CASE 2 PRESENTATION *Joerg Kempfert*

Endoscopic and Robotic Heart Surgery? Horses for Different Courses? *Piotr Suwalski*
Discussant *Johannes Bonatti*

Endoscopic Team Training and Surgeon Mentorship My Personal Journey in Endoscopic Surgery - Starting and Escalating *Joerg Kempfert*
Discussant *Antonios Pitsis*

BREAK WITH EXHIBITORS

LIVE CASES 1 AND 2

- **LIVE CASE #1 MVRepair (loop)-Berlin** *Markus Kofler*
Discussants *Antonios Pitsis/Patrizio Lancellotti/Gorav Ailawadi, Nicolas Merke*

- **LIVE CASE #2 Robotic AVR-Chicago** *Husam Balkhy*
Discussants *Johannes Bonatti/Piotr Suwalski/Nicolas Merke*

Cannulation and Myocardial Protection Strategies *Marco Solinas* **Discussant** *Frank Van Praet*

SESSION 2 • THE FOUNDATION PART II

Chair Marco Solinas **Panelists** Rafael Sadaba, Nikolaos Bonaros, Denis Bouchard, Gry Dahle, T Sloan Guy, Rochus Voeller

12:30 pm Complicated and Challenging Body Habitus Endoscopically (Obesity, Pectus, Small Chest, Rotated Heart, High Diaphragm) *Nikolaos Bonaros* **Discussant** *Rochus Voeller*

12:40 pm Complicated and Challenging Body Habitus for Robotics (Obesity, Pectus, Small Chest, Rotated Heart, High Diaphragm) *Denis Bouchard* **Discussant** *T Sloan Guy*

12:50 pm Can an Endoscope Challenge the Catheter? *Joseph Zacharias*
Discussants *Rafael Sadaba & Gry Dahle*

1:00 pm Q & A

1:20 pm - 2:20 pm INDUSTRY PRODUCT THEATER LUNCH

1:20 pm - 2:20 pm Allied Health Breakout Session • Industry Product Theater Lunch



THURSDAY, SEPTEMBER 4 *continued*

Agenda is subject to change.

2:20 pm Mitral Valve Intervention in Asymptomatic Patients. Why and When? *Maurice Enrique-Sarano*

2:50 pm When to Respect, When to Resect a Mitral Valve? *Patrick Perier*

SESSION 3 • MITRAL VALVE REPAIR, LOSING MY RELIGION PART I

Chair *Patrick Perier* **Panelists** *Gorav Ailawadi, Uthman Aluthman, Denis Bouchard, Marc Gillinov, Mattia Glauber, Ghulam Murtaza, Marco Solinas*

3:00 pm **Mitral Valve Repair Mini Symposium**

Loop Technique, How I Do It, Including Annular Sutures *Joerg Kempfert*

Discussant *Denis Bouchard*

Loop Technique, How I Do It 2, Including Annular Sutures *Mario Castillo-Sang*

Discussant *Gorav Ailawadi*

Freehand Chords, How I Do It, The Dubai Technique Including Annular Sutures *Oleksandr Babliak*

Discussant *Mattia Glauber*

Roman Arch, How I Do It Robotically, Including Annular Sutures *Ghulam Murtaza*

Discussant *Theo Kofidis*

My Chord, C1, Do One and Be a Virtuoso *Michael De Frain*

Discussant *Uthman Aluthman*

Mitral Valve Repair Resectional Technique *Marc Gillinov*

Discussant *Marco Solinas*

SESSION 4 • MITRAL VALVE REPAIR, LOSING MY RELIGION PART II

Chair *Antonios Pitsis* **Panelists** *Serkan Ertugay, T Sloan Guy, Leonard Lee, Patrick Perier, Rochus Voeller*

4:00 pm - 5:00 pm How I Do Complex Repairs Endoscopically? *Antonios Pitsis*

Discussant *Leonard Lee*

How I Do Complex Mitral Repairs Robotically? *Douglas Murphy* **Discussant** *Marc Gillinov*

Barlow's and the MADness Monster Valve! When is a Ring Enough? *Serkan Ertugay*

Discussant *Patrick Perier*

When and How to Replace a Mitral Valve Newer Tissue Valves vs Mechanical Valves (Onyx One Size Fits All?) *Rochus Voeller*

Discussant *T. Sloan Guy*

Mitral Valve Replacement Under Duress: Shock with LV support or ECMO, PHTN

Mario Castillo-Sang **Discussant** *Leonard Lee*

Q&A

5:00 pm - 6:00 pm **Video Competition**

Chair *Joerg Kempfert/Mario Castillo-Sang*

Panelists *Husam Balkhy, Mattia Glauber, Antonios Pitsis, Patrick Perier, Marco Solinas, Piotr Suwalski, Joseph Zacharias*

6:30 pm - 9:30 pm **SOCIAL EVENT • Bourbon & Barbeque Tasting • On-Site**



FRIDAY, SEPTEMBER 5

Agenda is subject to change.

8:00 am **THE BREAKFAST CLUB**
ECSC Sponsored Breakfast in Partnership with miniheartvalves.com for Young Surgeons
Steering Committee Members: Rochus Voeller, Gorav Ailawadi, Andrea Amabile, Jessica Luc, Fitusum Lakew and Gry Dahle

SESSION 1 • MITRAL VALVE REPLACEMENT & MAZE

Chair Joerg Kempfert **Panelists** Eric Lehr, Danny Ramzy, Nicolas Merke, Rochus Voeller, Tomas Holubec, Maurice Sarano

8:40 am - 12:40 pm **LIVE CASES, HOUSEKEEPING ANNOUNCEMENTS & PRIOR OPERATION UPDATES**
Joseph Zacharias

CASE 3 PRESENTATION - Berlin Joerg Kempfert

CASE 4 PRESENTATION - Edgewood Juan Penaranda

CASE 5 PRESENTATION - Bonn Farhad Bakhtiary

BREAK WITH EXHIBITORS

LIVE CASE #3 MVR - Edgewood Joerg Kempfert/Marco Solinas

LIVE CASE #4 MVR - Berlin Joerg Kempfert/Marco Solinas

LIVE CASE #5 AVR (RAM) - Bonn Joerg Kempfert/Marco Solinas

12:40 pm **AFIB Mini-Symposium No LAA or MAZE Left Behind**

Chair Piotr Suwalski, Ralph Damiano

Panelists on Stage Niv Ad, Gan Dunnington, Thorsten Hanke, Marc Gerdisch, Marc Gillinov, Mark La Meir

Convergent Afib Ablation Thorsten Hanke

Endoscopic ABC Procedure Piotr Suwalski

Endoscopic Concomitant Maze IV LIB Gan Dunnington

LAA Management in Minimally Invasive Scenarios Piotr Suwalski

Inappropriate Sinus Tachycardia Mark La Meir

New Surgical Ideas in Brief

- PFA Niv Ad
- Quick Cryo Piotr Suwalski

1:30 pm - 2:20 pm **INDUSTRY PRODUCT THEATER LUNCH**

1:30 pm - 2:20 pm **Allied Health Breakout Session • Physician Assistant/Assistant Endo Harvest and Perfusion Talks** Jared Blackmore, PA-C, John Creekmore, PA-C, Thomas Wilkinson, Loran Biewlewicz



FRIDAY, SEPTEMBER 5 *continued*

Agenda is subject to change.

2:30 pm	<i>All There is to Know About Endoscopic ASD Management</i> <i>Tomas Holubec</i> Discussant <i>Antonios Pitsis</i>
2:40 pm	The Tricuspid Valve Addressed Endoscopically, Repair Techniques. How to Cannulate, How to Expose how to Protect the Heart <i>Frank Van Praet</i> Discussant <i>Patricio Lancellotti</i>
2:50 pm	LIFETIME ACHIEVEMENT AWARD Moderator <i>Hugo Vanermen</i> Recipient <i>Randolf Chitwood</i>
AVR SESSION	
Chair <i>Antonios Pitsis</i> Panelists on Stage <i>Soh Hosoba, Cong Huu Nguyen, William Kent, Chris Malaisrie, Ramprassath Siddhan, Danny Ramzy</i>	
3:20 pm	AVR Mini Symposium
	AVR, Less Suture Technique <i>Joseph Zacharias</i> Discussant <i>Danny Ramzy</i>
	Robotic AVR <i>Husam Balkhy</i> Discussant <i>Danny Ramzy</i>
	AVR Rapid Deployment <i>Marco Solinas</i> Discussant <i>Ramprassath Siddhan</i>
	AVR Sutureless <i>Mattia Glauber</i> Discussant <i>William Kent</i>
	AVR Endoscopic Triangulation <i>Soh Hosoba</i> Discussant <i>Nikolaos Bonaros</i>
	Concomitant Endoscopic AVR Tips <i>Antonios Pitsis</i> Discussant <i>Tommaso Hinna Danesi</i>
4:20 pm	AVR and Root Enlargement <i>Joerg Kempfert</i> Discussant <i>Soh Hosoba</i>
4:30 pm	Pushing the Endoscopic Boundaries: AVR/MVR/TVr <i>Tommaso Hinna Danesi</i> Discussant <i>Cong Huu Nguyen</i>
4:40 pm	The Ascending Aorta and Root Through the Scope <i>Peter Knight</i> Discussant <i>Ramprassath Siddhan</i>
4:50 pm	Endoscopic TAVR/TMVR Removal-The Next Most Common Operation Performed <i>Antonios Pitsis</i> Discussant <i>Chris Malaisrie</i>
5:00 pm	Cardiology/Heart Surgery Conversations-The Lifetime Management for Valvular Disease <i>Joseph Zacharias, Marc Gillinov, Gorav Ailawadi, Maurice Enrique-Sarano, Flavia Geraldes, Patricio Lancellotti, Mohan Sathyamoorthy, Nicolas Merke, Rafael Sadaba</i>
5:20 pm - 6:20 pm	Video Competition Chair <i>Mattia Glauber</i> Panelists on Stage <i>Nikoalas Bonaros, Mattia Glauber, Tommaso Hinna Danesi, Piotr Suwalski, Rochus Voeller, Joseph Zacharias</i>
7:00 pm	BASEBALL GAME: CINCINNATI REDS VS. NEW YORK METS SIGN UP FOR TICKETS TO GAME WHEN REGISTERING. Transportation, food, soda, water, and two beers are included in the ticket price. Limited tickets are available.

SATURDAY, SEPTEMBER 6

Agenda is subject to change.

8:30 am INDUSTRY PRODUCT THEATER BREAKFAST

8:30 am Video Competition

Panelists on Stage

Chair Marco Solinas/Joerg Kempfert, Mattia Glauber, Joseph Zacharias, Patrick Perier, Mario Castillo-Sang, Husam Balkhy, Piotr Suwalski

9:30 am GROUP PICTURE #1, Housekeeping and Updates on Prior Cases *Joerg Kempfert*

9:40 am Endoscopic Coronary Bypass Mini Symposium

Chair Husam Balkhy, Johannes Bonatti

Panelists on Stage Oleksander Babliak, Piroze Davierwala, Rodrigo de Souza, Douglas Murphy, Marc Ruel, Evandro Lopes, Nirav Patel

Totally Endoscopic CABG (LIB) *Husam Balkhy* **Discussant** *Nirav Patel*

Endoscopic LIMA Takedown, BIMA Takedown *Rodrigo de Souza* **Discussant** *Evandro Lopes*

Robotic CABG Adversities *Husam Balkhy* **Discussant** *Piroze Davierwala*

Robotic Concomitant CABG-Valve, Tips and Tricks *Johannes Bonatti* **Discussant** *Marc Ruel*

What the Future of Robotic CABG Looks Like *Douglas Murphy* **Discussant** *Oleksander Babliak*

10:40 am BREAK WITH EXHIBITORS

11:10 am Fast Rack Recovery Symposium

Chair *Niv Ad*

Panelists on Stage *Gorav Ailawadi, Masroor Alam, Marco Di Eusanio, Marc Gerdisch, Mahesh Ramchandani, Leonard Lee*

OR Extubation *Masroor Alam*

Postoperative Analgesia *Marc Gerdisch*

Early Mobilization *Marco Di Eusanio*

Early Recovery Starts in the Operating Room *Gorav Ailawadi*

12:00 pm Oh, That's Interesting!

Circumflex Artery Calamity *Joerg Kempfert*

Big Mac Diaries *Mario Castillo-Sang*

An Italian Job, Mamma Mia! *Marco Solinas*

A Very British Scandal Pulmonary Oedema Post MIS Surgery *Joseph Zacharias*.

Greek Tragedy *Antonios Pitsis*

12:40 pm - 1:20 pm LUNCH

12:40 pm - 1:20 pm Endoscopic Experience Around the World

Chair *Joseph Zacharias/Mattia Glauber*

Panelists on Stage *Japan-Soh Hosoba, Vietnam-Cong Huu Nguyen, Turkey-Mugisha Kyaruzi, Brazil-Evandro Lopes, Argentina-Matias Rios, India-Sandip Sardar*

1:20 pm THE ALADDIN YILMAZ INNOVATION AWARD

1:40 pm Closing Remarks *Patrick Perier*