

7:30 am - 6:00 pm **REGISTRATION & INFORMATION**

8:00 am - 9:00 am **BREAKFAST • INDUSTRY PRODUCT THEATER**

SESSION 1 • THE FOUNDATION

Chair Joseph Zacharias

Panelists Johannes Bonatti, Joerg Kempfert, Antonios Pitsis, Frank Van Praet, Piotr Suwalski, Marco Solinas

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 CASE #1 MVRepair (loop) - Berlin

Surgeon #1 Markus Kofler and **Surgeon #2** Giacomo Bianchi

Discussants Antonios Pitsis, Patrizio Lancellotti, Gorav Ailawadi, Nicolas Merke

LIVE CASE #2 Robotic AVR - Chicago

Surgeon 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 **LUNCH • INDUSTRY PRODUCT THEATER**

CONCURRENT **LUNCH • ALLIED HEALTH**
Assisting in Endoscopic Cardiac Surgery *Loran Biewlewicz, PAC and Tom Wilkinson, PA*

Agenda is subject to change.



THURSDAY, SEPTEMBER 4 *continued*

The Edge of Tomorrow

2:20 pm Mitral Valve Intervention in Asymptomatic Patients. Why and When? *Maurice Enriquez-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 - 4:00 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 VirtuoSEW *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, W. Clark Hargrove III*

4:00 pm - 5:00 pm How I Do Complex Mitral 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 Tissue Valves and Mechanical Valves *Rochus Voeller*

Discussant *Tomas Holubec*

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

Mario Castillo-Sang **Discussant** *Rochus Voeller*

Q&A

5:00 pm - 6:00 pm Volume 1 • 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 • All Are Welcome

FRIDAY, SEPTEMBER 5

The Edge of Tomorrow

7:30 am - 5:50 pm **REGISTRATION & INFORMATION**

8:00 am **THE BREAKFAST CLUB**

ECSC Sponsored Breakfast in Partnership with miniheartvalves.com for Young Surgeons

Chairman Joseph Zacharias

Surgeons Patrick Perier, Joseph Zacharias, Mattia Glauber, Marco Salinas, Joerg Kempfert

Panelists Rochus Voeller, Andrea Amabile, Emilija Petrović, Joerg Kempfert, Mattia Glauber

Milos Matkovic, Matias Rios, Emily Wright

SESSION 1 • MITRAL VALVE REPLACEMENT & MAZE

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

8:40 am **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 *Mario Castillo-Sang*

Discussants *Joerg Kempfert/Marco Solinas, Rafael Sadaba, Patricio Lancellotti*

LIVE CASE #4 MVR - Berlin

Surgeon #1 *Giacomo Bianchi* **Surgeon #2** *Markus Kofler*

Discussants *Joerg Kempfert/Marco Solinas, Rafael Sadaba, Patricio Lancellotti*

LIVE CASE #5 AVR (RAM) - Bonn

Surgeon *Farhad Bakhtiary*

Discussants *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 **LUNCH • INDUSTRY PRODUCT THEATER**

CONCURRENT

LUNCH • ALLIED HEALTH

Physician Assistant Harvesting of Endoscopic Radial and Endoscopic Vein

Jared Blackmore, PAC and John Creekmore, CSA

FRIDAY, SEPTEMBER 5 *continued*

The Edge of Tomorrow

ASD AND TRICUSPID VALVE

Chair Antonios Pitsis **Panelists** Joseph Zacharias, Patricio Lancellotti, Mattia Glauber, Marco Solinas, Rochus Voeller

1:30 pm - 2:20 pm Allied Health Breakout Session
Physician Assistant/Assistant Endo Harvest
Jared Blackmore, PA-C, John Creekmore, PA-C

2:20 pm - 2:30 pm BREAK WITH EXHIBITORS

2:30 pm All There is to Know About Endoscopic ASD Management *Tomas Holubec*
Discussant Antonios Pitsis

2:40 pm The Tricuspid Valve Addressed Endoscopically, Repair Techniques. How to Cannulate, How to Expose, how to Protect the Heart *Frank Van Praet*
Discussant Patricio Lancellotti, Mattia Glauber

2:50 pm LIFETIME ACHIEVEMENT AWARD
Moderator Hugo Vanermen
Recipient Randolph Chitwood

AVR SESSION

Chair Antonios Pitsis

Panelists Soh Hosoba, Nguyen Cong Huu, William Kent, Chris Malaisrie, Ramprassath Siddhan, Danny Ramzy

3:20 pm - 4:30 pm SAVR, RAVR, TEAVR, microAVR. All There is to Know.

AVR, Less Suture Technique *Joseph Zacharias* **Discussant** Soh Hosoba

Robotic AVR *Husam Balkhy* **Discussant** Tomas Holubec

AVR Rapid Deployment *Marco Solinas* **Discussant** Ramprassath Siddhan

AVR Sutureless *Mattia Glauber* **Discussant** William Kent

AVR Endoscopic Triangulation *Soh Hosoba* **Discussant** Nikolaos Bonaros

Concomitant Endoscopic AVR Tips *Antonios Pitsis* **Discussant** Tommaso Hinna Danesi

4:30 pm Cardiology/Heart Surgery Conversations-The Lifetime Management for Valvular Disease
Joseph Zacharias, Marc Gillinov, Gorav Ailawadi, Maurice Enriquez-Sarano, Flavia Gerales, Patricio Lancellotti, Mohan Sathyamoorthy, Nicolas Merke, Rafael Sadaba

4:50 pm - 5:50 pm Video Competition
Chair Mattia Glauber
Panelists on Stage Nikolaos Bonaros, Mattia Glauber, Tommaso Hinna Danesi, Piotr Suwalski, Rochus Voeller, Joseph Zacharias

6:20 pm (Pickup Time) BASEBALL GAME: CINCINNATI REDS VS. NEW YORK METS
SIGN UP FOR TICKETS TO GAME WHEN REGISTERING.
Round-Trip Transportation, food, soda, water, two beers and an ECSC baseball hat are included in the ticket price. Limited tickets are available. Sell Out Risk.
Game Starts at 6:40 PM



SATURDAY, SEPTEMBER 6

The Edge of Tomorrow

8:00 am - 2:50 pm	REGISTRATION & INFORMATION
8:30 am - 9:30 am	BREAKFAST 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 <i>Joerg Kempfert</i>
	COMPLEX ENDOSCOPIC CARDIAC SURGERY, HOW FAR CAN WE GO? Chair Marco Solinas/Rafael Sadaba Panelists Chris Malaisrie, William Kent, Mattia Glauber, Husam Balkhy, Tomas Holubec
9:40 am	AVR and Root Enlargement <i>Joerg Kempfert</i> Discussant <i>Chris Malaisrie</i>
9:50 am	Pushing the Endoscopic Boundaries: AVR/MVR/TVr <i>Tommaso Hinna Danesi</i> Discussant <i>Nguyen Cong Huu</i>
10:00 am	The Ascending Aorta and Root Through the Scope <i>Peter Knight</i> Discussant <i>Ramprassath Siddhan</i>
10:10 am	Endoscopic TAVR/TMVR Removal-The Next Most Common Operation Performed <i>Antonios Pitsis</i> Discussant <i>Chris Malaisrie</i>
10:20 am	BREAK WITH EXHIBITORS
10:50 am	Endoscopic Coronary Bypass Mini Symposium Chair Husam Balkhy, Johannes Bonatti Panelists on Stage Oleksander Babliak, Piroze Davierwala, Rodrigo de Souza, Douglas Murphy, Evandro Lopes, Nirav Patel Totally Endoscopic CABG (LIB) <i>Husam Balkhy</i> Discussant <i>Nirav Patel</i> Endoscopic LIMA Takedown, BIMA Takedown <i>Rodrigo de Souza</i> Discussant <i>Evandro Lopes</i> Robotic CABG Adversities <i>Husam Balkhy</i> Discussant <i>Piroze Davierwala</i> Robotic Concomitant CABG-Valve, Tips and Tricks <i>Johannes Bonatti</i> Discussant <i>Husam Balkhy</i> What the Future of Robotic CABG Looks Like <i>Douglas Murphy</i> Discussant <i>Oleksander Babliak</i>
11:50 am	Fast Rack Recovery Symposium Chair Niv Ad Panelists on Stage Gorav Ailawadi, Masroor Alam, Marco Di Eusano, Marc Gerdisch, Mahesh Ramchandani, Leonard Lee OR Extubation <i>Masroor Alam</i> Postoperative Analgesia <i>Marc Gerdisch</i> Early Mobilization <i>Marco Di Eusano</i> Early Recovery Starts in the Operating Room <i>Gorav Ailawadi</i>

SATURDAY, SEPTEMBER 6

The Edge of Tomorrow

12:40 pm - 1:20 pm LUNCH • Open to Industry	
1:20 pm	Oh, That's Interesting!
	Circumflex Artery Calamity <i>Joerg Kempfert</i>
	Big Mac Diaries <i>Mario Castillo-Sang</i>
	An Italian Job, Mama Mia! <i>Carlo Savini</i>
	A Very British Scandal Pulmonary Oedema Post MIS Surgery <i>Joseph Zacharias.</i>
	Greek Tragedy <i>Antonios Pitsis</i>
2:00 pm	Endoscopic Experience Around the World
	Chair <i>Joseph Zacharias/Mattia Glauber</i>
	Panelists on Stage <i>Japan-Soh Hosoba, Vietnam-Nguyen Cong Huu, Turkey-Mugisha Kyaruzi, Brazil-Evandro Lopes, Argentina-Matias Rios, India-Sandip Sardar</i>
2:30 pm	THE ALADDIN YILMAZ INNOVATION AWARD
2:50 pm	Closing Remarks <i>Patrick Perier</i>

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