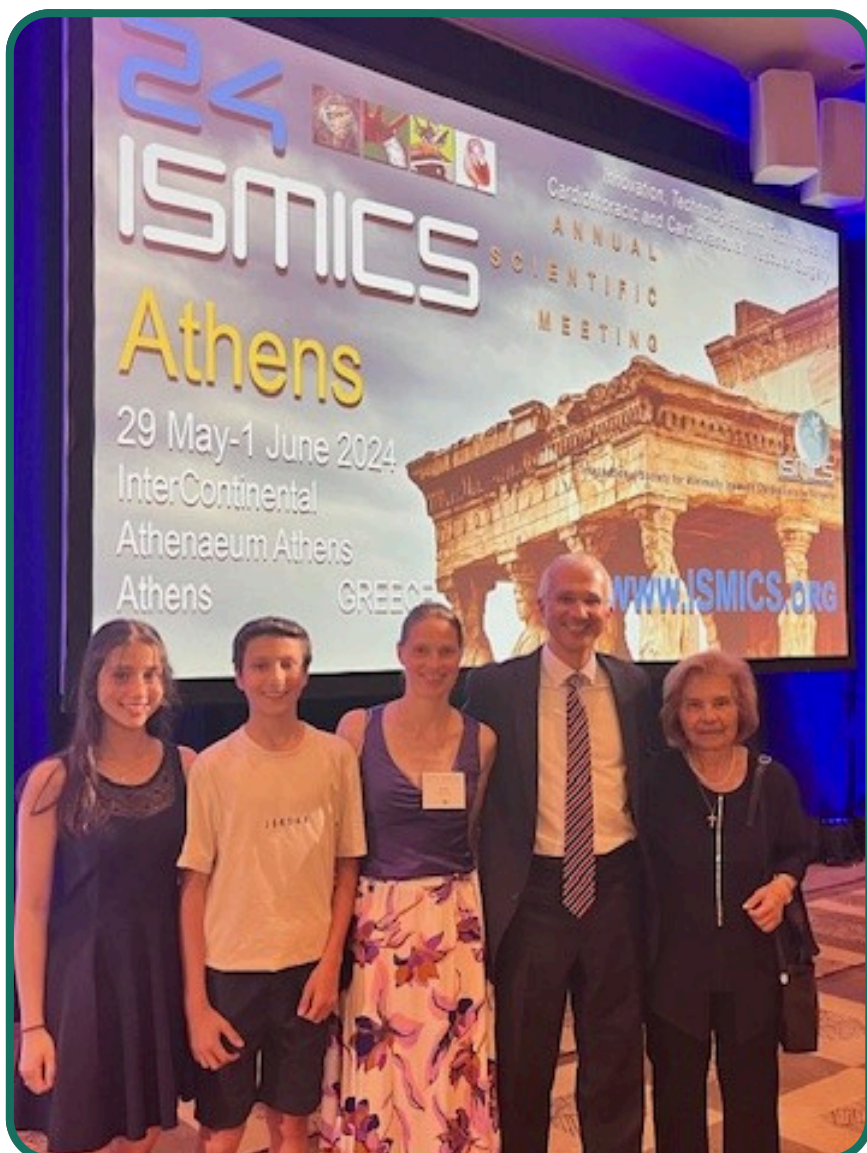




2024 ISMICS Annual Meeting Issue B

PRESIDENTIAL ADDRESS: DR. NIKOLAOS BONAROS *"MISSING PUZZLE PIECES"*

ISMICS President Dr. Nikolaos Bonaros focused his Presidential Address on a series of vignettes based on the "missing Jigsaw puzzle piece" and how one can find those missing pieces along so many different paths in one's life. He talked about early MICS procedures and how data was key in convincing others that these new techniques would improve outcomes and reduce mortality. He also gave examples of how training young surgeons to adopt new technologies is crucial, particularly in the first five years. But mid-career and more senior surgeons can adopt these as well at any time with open minds and the right mentors. Dr. Bonaros graciously thanked his colleagues, the ISMICS Board and particularly the Executive Committee and his Program Chairs, and the ISMICS staff team. He noted he was who he had become because of his amazing mentors, and particularly, his family, who were proudly present to hear his address and share in his special moment.



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Mitral valve surgery: time to challenge ourselves to improve the patient journey

Edwards Lifesciences ISMICS lunch symposium

Friday, May 31st 2024, 12:00 - 13:30
Room: Aphrodite IV-V

12:00

The current guidelines: where exactly are they guiding us?



Nikolaos Bonaros
Chair

Emerging perspectives on minimally invasive mitral valve surgery



Joe Zacharias

Combining contemporary technology with a contemporary surgical approach



Mario Castillo-Sang

Going beyond with robotic valve replacement



Arnar Geirsson

Optimizing minimally invasive cardiac surgery with fast-track procedures



Marco Di Eusanio

13:30

Panel discussion

Panel

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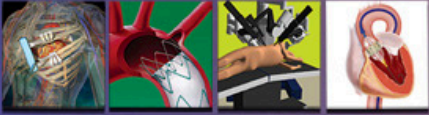
Istanbul

28 May-31 May 2025

Swissôtel

The Bosphorus Istanbul

Istanbul TURKEY



Innovation, Technologies, and Techniques in
Cardiothoracic and Cardiovascular/ Vascular Surgery

ANNUAL
SCIENTIFIC
MEETING

International Society for Minimally Invasive Cardiothoracic Surgery

www.ISMICS.ORG



The consensus is in —
“EVH and ERAH should be the standard of care”
– Class IB, 2017 ISMICS Consensus Conference Statement¹

Vasoview Hemopro 2

At the top of its class 20 years strong

¹ Ferdinand FD, MacDonald JK, Balkhy HH, et al. Endoscopic Conduit Harvesting in Coronary Artery Bypass Grafting Surgery: An ISMICS Systematic Review and Consensus Conference Statements. *Innovations*. 2017; 12(5): 301-319.

3

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and counting

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ePOSTER COMPETITION



FINAL ROUND

Friday, 31 May - 17.15 - 18.15
Lobby Level -1

Athenium Ballroom 1

First Round topic winners will give PowerPoint presentations with time for Q&A.
Winner will receive \$500 USD

ISMICS Best Poster Winners are announced via email and the mobile app.

SUBRAMANIAN INNOVATION 2024 AWARD RECIPIENT

Ignazio Condello, M.D.
Anthea Hospital
Endo Cavitory Suction Device

Congratulations Dr. Condello and Thank You
Dr. Subramanian, from the International
Society for Minimally Invasive Cardiothoracic
Surgery (ISMICS)!



ePOSTER COMPETITION FINALISTS

Aortic Valve Surgery **Daniele Zoni**

*Totally Endoscopic Triple Heart Valve Surgery Case Series: Feasibility And Short
Term Results*

Arrhythmia and LAA Surgery **Manoras Chengalath**

*Hybrid Totally Thoracoscopic Maze For Persistent Atrial Fibrillation: Early
Outcome Analysis*

Cannulation, Perfusion and Congenital MICS **Serdar Gunaydin**

*The Impact Of Long-acting Cardioplegic Solutions On Mitochondrial Integrity
And Viability*

Coronary Revascularization **Jasmina Ttofi**

Our 12 Consecutive Years Of Totally Endoscopic Conduit Harvesting Practice

Endovascular and Aortic Surgery **Jeffrey Zucker**

Midterm Outcomes Of Minimally Invasive Concomitant Hemiarch

Mitral Surgery: MICS Robotic and Open **Jonas Pausch**

*Evolution Of Endoscopic Mitral Valve Surgery In The Era Of Transcatheter Edge-
to-edge Repair: An 11-year Period At A High-volume Center*

New Technologies, AI, and Learning Models **Charli Habibi Nameghi**

*The Learning Curve Of Ministernotomy Aortic Valve Replacement: A
Retrospective Analysis Of Trainee And Consultant Outcomes*

TECAB and MIDCAB **Hiroto Kitahara**

*Robotic Totally Endoscopic Coronary Artery Bypass In Uncontrolled Diabetic
Patients With High Hemoglobin A1c: What Are The Outcomes?*

Transcatheter Valve and Bailout Therapies **Oliver Bhadra**

*Long-term Outcome Of Patients With Severe Pulmonary Hypertension
Undergoing Transcatheter Aortic Valve Implantation*

Valve - Surgical Valves **Johannes Petersen**

Eras In Reduced Left Ventricular Function

Thoracic Surgery **Beatrice Manfredini**

*The Role Of Lymphadenectomy In Clinical Stage I Nsclc: Comparison Of Robotic
And Open Approach*

Global **Alfredo Giuseppe Cerillo**

*Computed Tomography Sizing For Sutureless Aortic Valve Replacement: Proof
Of Concept*

China **Junlong Hu**

One-stop TA-TAVR Concomitant With Other Procedures



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Innovations for MICS



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Bioprosthesis
with AOA™ Tissue
Treatment†**



**Bio-Medicus
Life Support™
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Tissue Stabiliser**



**Cardioblade™
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Surgical Ablation
System**



**SimuForm™
Annuloplasty Ring**

See the device manual for detailed information regarding the instructions for use, indications, contraindications, warnings, precautions, and potential adverse events. For further information, contact your local Medtronic representative and/or consult the Medtronic website at www.medtronic.eu. For applicable products, consult instructions for use on www.medtronic.com/manuals. Manuals can be viewed using a current version of any major internet browser. For best results, use Adobe Acrobat® Reader with the browser. This information is intended only for users in markets where Medtronic products and therapies are approved or available for use as indicated within the respective product manuals. Content on specific Medtronic products and therapies is not intended for users in markets that do not have authorization for use.

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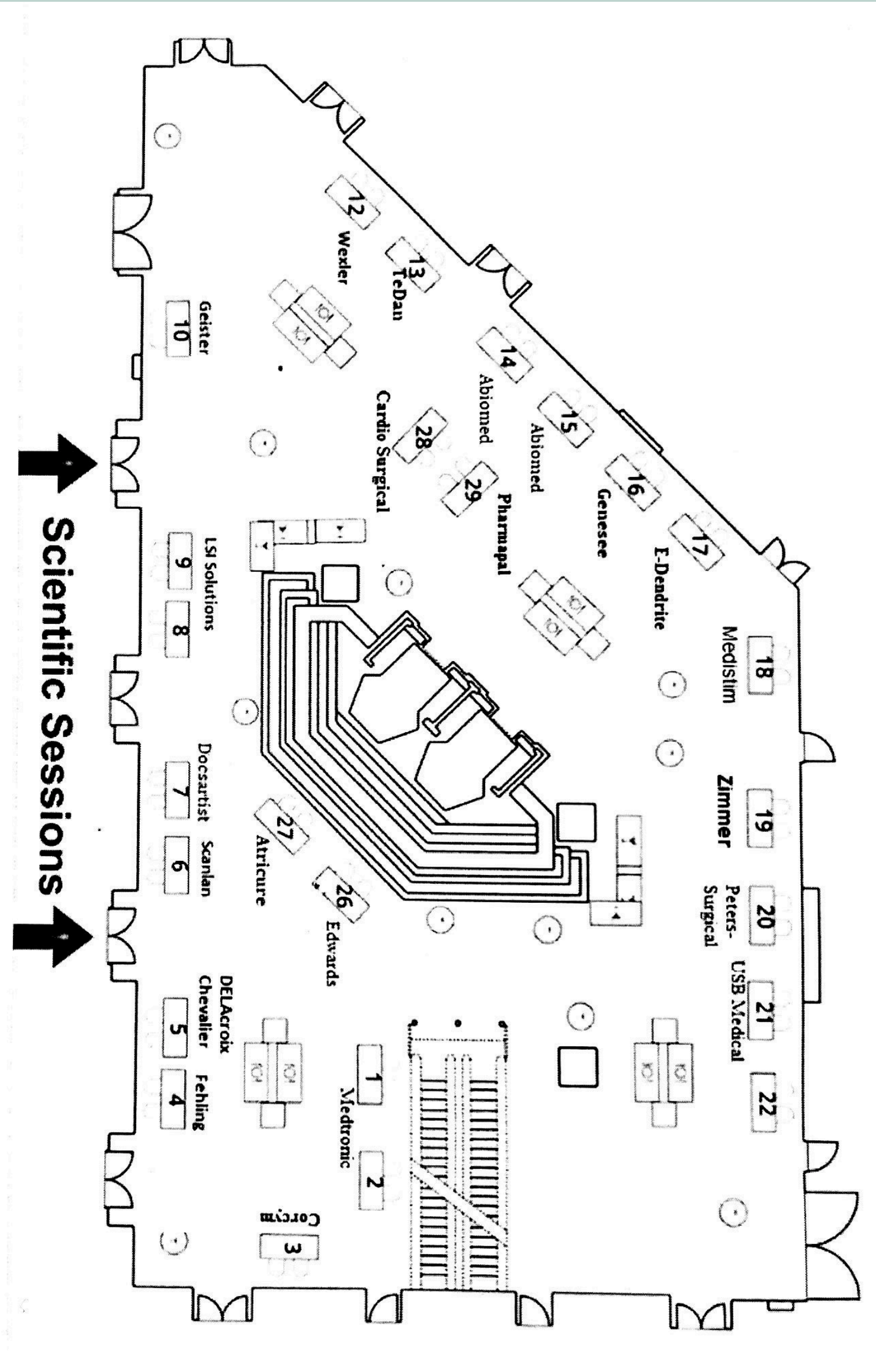


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ISMICS 2024 EXHIBITORS

EXHIBITION HALL
HOURS AND FUNCTIONS

Friday: 2 June 2023: 08.00 – 18.15

Coffee Break: 10.00 – 10.30

Coffee Break: 15:45 – 16.15

Exhibitor Reception: 17.15 – 18.15

Saturday, 1 June 2023: 08.00 – 11.00

Coffee Break: 9:30 AM – 10:00 AM

Abiomed (T14/I5)

Abiomed, Inc., part of Johnson & Johnson MedTech, is a leading provider of groundbreaking medical technology that provides circulatory and oxygenation support. The Impella® heart pump platform is designed to enable the heart to rest and recover by improving blood flow and/or temporarily assisting with the pumping function of the heart. <https://www.abiomed.com/>

Beijing Docsartist Technology Co. (T7)

Cardio Surgical (T22)

Cardio Surgical provides and distributes innovative high-quality surgical devices for use in cardiac, thoracic, and vascular surgery, for minimally invasive, micro and open access. Cardio Surgical provides a special patented line, designed by Dr. Mattia Glauber, and dedicated to Minimally Invasive Cardiac Surgery. All Cardio Surgical products are manufactured in Germany and CE Marked to MDD 93/42/EEC. Transition is currently underway to the new MDR 2017/45.

Dendrite Clinical Systems Ltd. (T17)

Dendrite is a leading specialist provider of clinical registries and databases for cardiac surgery, cardiology and other specialties, specifically:

- National/international clinical registries for national societies, government departments of health, research institutions
- Local integrated cardiac databases for hospitals
- Clinical research databases and registries for medical device and pharmaceutical companies
- Clinical audit and benchmarking portals
- e-PROMs to collect data directly from patients (via email and text/sms)

Dendrite has successfully implemented over 200 national and international clinical registries and over 300 local clinical database systems in hospitals in 40+ countries. We would be delighted to demonstrate our system and discuss implementation with you!

Fehling Surgical Instruments (T04)

Fehling is a traditional family-owned company with more than thirty years of experience manufacturing and distributing premium surgical instruments, including minimally invasive instruments and novel retractor systems. We strive to provide outstanding service and unmatched quality. <https://fehlingsurgical.com/>

Genesee BioMedical (T16)

Genesee BioMedical located in Denver, CO has been shaping innovation in cardiac surgery for over 27 years. Partnering with surgeons to design and develop mitral and tricuspid valve annuloplasty rings and bands. We provide tools for minimally invasive and robotic procedures in addition to state-of-the-art retractors and coronary surgery accessories. <https://geneseebiomedical.com/>

LSI Solutions (T08/T09)

LSI SOLUTIONS® was founded in 1986 by our President & Chief Executive Officer, Jude S. Sauer, M.D., with a passion to focus on patient outcomes. What once started with a focus on laser tissue welding has evolved into a world renowned company dedicated to advancing minimally invasive therapeutics through research, development, manufacturing and marketing of proprietary products. <https://www.lsisolutions.com/>

Peters Surgical (T20)

Founded in 1926, Peters Surgical is a French company present in over 90 countries. Today, it is a reference group for surgical practice throughout the world. With its expertise in the design, manufacture and distribution of medical devices, Peters Surgical has chosen to deploy French know-how in all around the world by setting up local support teams and manufacturing plants. Close to the surgical teams, Peters Surgical offers a range of dedicated services to improve surgical practices and provide the best possible care for patients. <https://peters-surgical.com/>

Scanlan International (T06)

The world’s finest surgical instruments have been designed and manufactured by the Scanlan Family since 1921. See our SCANLAN® Scanturian® MIS instruments, VATS instruments and Legacy Needle Holders and Forceps. Experience the Scanlan Difference at Exhibit #T06.

USB Medical (T21)

AtriCure (T27)

AtriCure, Inc. provides innovative technologies for the treatment of Afib and related conditions. Afib affects more than 37 million people worldwide. Electrophysiologists and cardiothoracic surgeons around the globe use AtriCure technologies for the treatment of Afib and reduction of Afib related complications. AtriCure’s Isolator® Synergy™ Ablation System is the first medical device to receive FDA approval for the treatment of persistent Afib. AtriCure’s AtriClip® Left Atrial Appendage Exclusion System products are the most widely sold LAA management devices worldwide. AtriCure’s Hybrid AF™ Therapy is a minimally invasive procedure that provides a lasting solution for long-standing persistent Afib patients. AtriCure’s cryoICE cryoSPHERE® probe is cleared for temporary ablation of peripheral nerves to block pain, providing pain relief in cardiac and thoracic procedures. For more information, visit [AtriCure.com](https://www.atricure.com/) or follow us on Twitter @AtriCure. <https://www.atricure.com/>

Corecym (T03)

CORCYM is an independent, global medical-device company focused on state-of-the-art surgical solutions to fight structural heart disease. CORCYM has acquired a complete surgical portfolio with a heritage spanning more than 50 years. CORCYM employs approximately 850 people in over 100 countries around the world, to help Cardiac Surgeons treat patients better today and in the future.

Edwards Lifesciences (T26)

Edwards Lifesciences is a global leader in patient-focused medical innovations for structural heart disease, as well as critical care and surgical monitoring. Driven by a passion to help patients, the company collaborates with the world’s leading clinicians and researchers to address unmet healthcare needs, working to improve patient outcomes and enhance lives. <https://www.edwards.com/>

Geister Medizintechnik GmbH (T10)

GEISTER MEDIZINTECHNIK GMBH was founded in 1984 and is a manufacturer of surgical instruments for open and minimally invasive surgery with a focus on cardiac, thoracic, circulatory and neurosurgery, as well as bone and general surgery and sterilization container systems. Based in Tuttlingen, Germany, GEISTER has been active in the surgical field for over four decades, supplying high-quality instruments tailored to specific requirements.

Our mission is to support medical professionals worldwide in providing optimal patient care. We are committed to providing products of unparalleled quality and strive to deliver the highest standards of craftsmanship worldwide.

Landanger SAS (T05)

Medistim (T03)

Medistim is the standard of care in the operating room. With the unique combination of transit time flow measurement (TTFM) and high frequency ultrasound imaging guidance to help reduce and minimize the risk of negative postoperative outcomes, Medistim’s quality assessment technology offers surgeons quantifiable validation and guidance during cardiovascular, vascular and transplplantation surgery.

Pharmapal Overseas Limited (T29)

PHARMAPAL is the distributor of CUSTODIOL® (HTK-solution) in the UK and Ireland, Greece and the MENA region. CUSTODIOL® is an internationally renowned solution of choice in myocardial protection during cardiac surgery and heart transplantation. CUSTODIOL® has become the essential method of protecting the myocardium amongst centres worldwide, performing minimally invasive, mitral valve, paediatric and other complex cardiac procedures.

TeDan Surgical Innovations (T13)

TeDan Surgical Innovations (TSI) has maintained the goal to innovate and address evolving techniques for over 10 years. The company offers a wide variety of retractors and instruments for posterior, lateral and anterior spine, as well as cardiothoracic, neurological and orthopedic procedures. TSI commits to providing clinically advanced, high-quality surgical access systems designed to optimize exposure and improve the surgeon experience.

Wexler Surgical (T12)

Wexler Surgical designs and manufactures a variety of titanium and stainless steel specialty surgical instruments and products for Cardiac, Vascular, Thoracic, and Micro Surgery. Come see our VATS/MICS instruments and ask about our Optimus Series. Visit us online at www.wexlersurgical.com for more information about our products and services.

Zimmer Biomet (T19)

Founded in 1927 and headquartered in Warsaw, Indiana, Zimmer Biomet is a global leader in musculoskeletal healthcare. With operations in more than 25 countries around the world, we design, manufacture, and market a variety of implants and surgical products. Zimmer Biomet continues to be a leader in the thoracic space and has been for more than 25 years, specializing in chest wall reconstruction. <https://www.zimmerbiomet.com/en>



INNOVATIONS:

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CARDIOTHORACIC AND VASCULAR SURGERY

Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery is the first journal whose main mission is to disseminate information specifically about advances in technology and techniques that lead to less invasive treatment of cardiothoracic and vascular disease. It delivers cutting edge original research, reviews, essays, case reports, and editorials from the pioneers and experts in the field of minimally invasive cardiothoracic and vascular disease, including biomedical engineers. Also included are papers presented at the annual **International Society for Minimally Invasive Cardiothoracic Surgery (ISMICS)** meeting.

Editor-In-Chief:
Niv Ad, MD

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President's Nightcap & Awards

Friday, 31 May
21.00 – 23.00

Join us on the 6th floor of the
Intercontinental with views of the Acropolis



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Resident & Fellows Luncheon

Friday, May 31

12.15 – 13.45
Omicron II



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FRIDAY, 31 MAY 2024

Luncheon Symposia

Edwards (12.00) *Aphrodite IV-V*
Voice of China (12.00) *Arcade I+II*
Corsym (12.00) *All Athenaeum Conference
Center*

FRIDAY, 31 MAY 2024

Getinge
08.00 - 17.00 - *Omega*
Atricure
08.00 - 17.00 - *VIP Lounge*
ISMICS Training with Dr. Peyman Sardari
08.30 - 11.00 & 15.30 - 18.00 - *Yipsilon*

SATURDAY, 1 JUNE

Getinge
08.00 - 15.00 - *Omega*
Atricure
08.00 - 15.00 - *VIP Lounge*
ISMICS Training with Dr. Peyman Sardari
08.30 - 11.00 - *Yipsilon*

KIT V. AROM SPEAKER

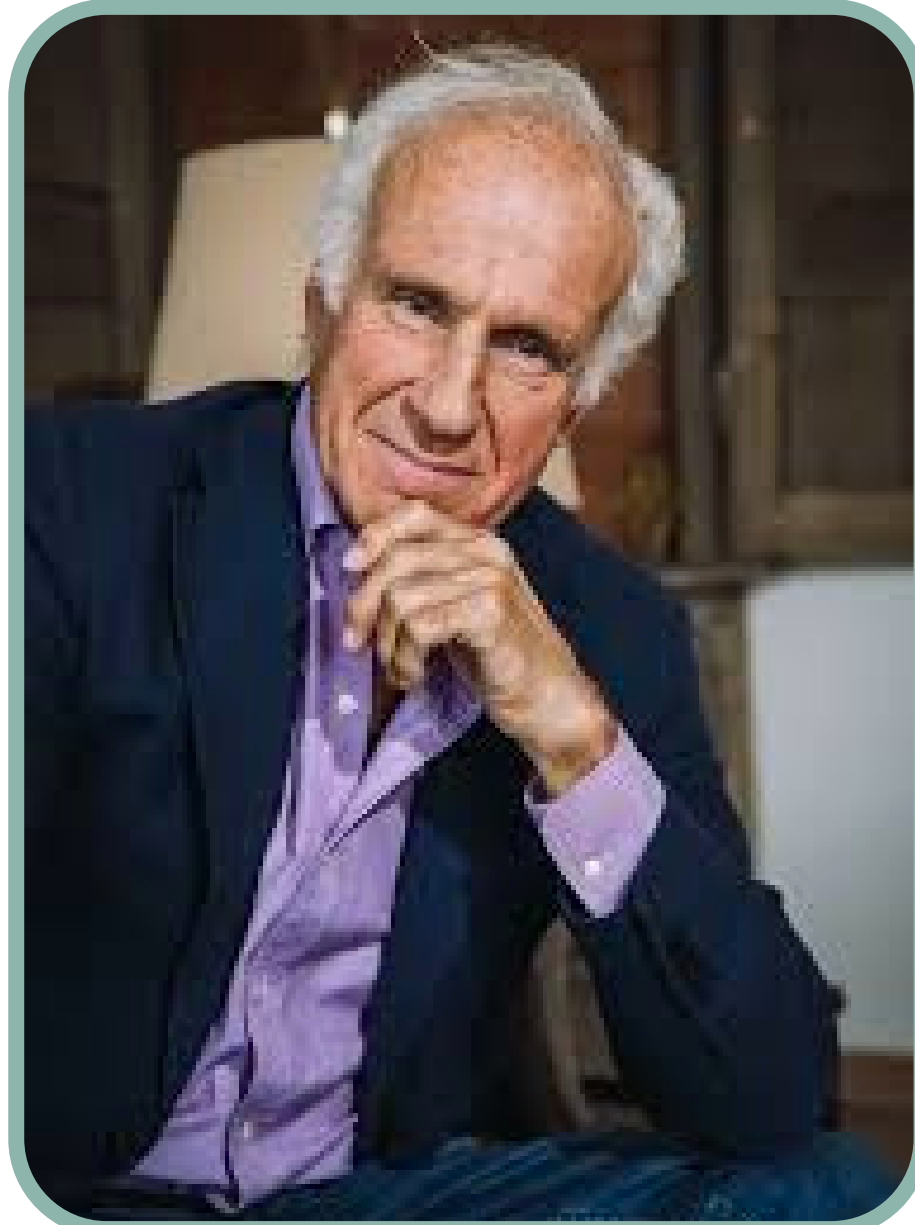
Saturday, 1 June
11.45 - 12.30

KEYNOTE SPEAKER

Friday, 31 May
14.00 - 14.45



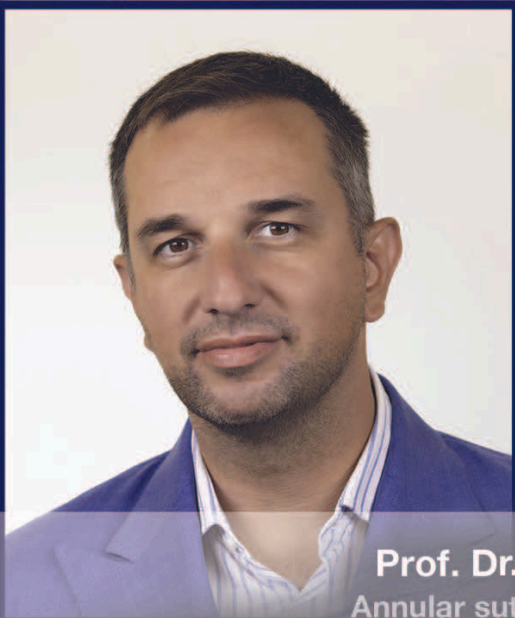
UMES ARUNAGIRINATHAN, MD



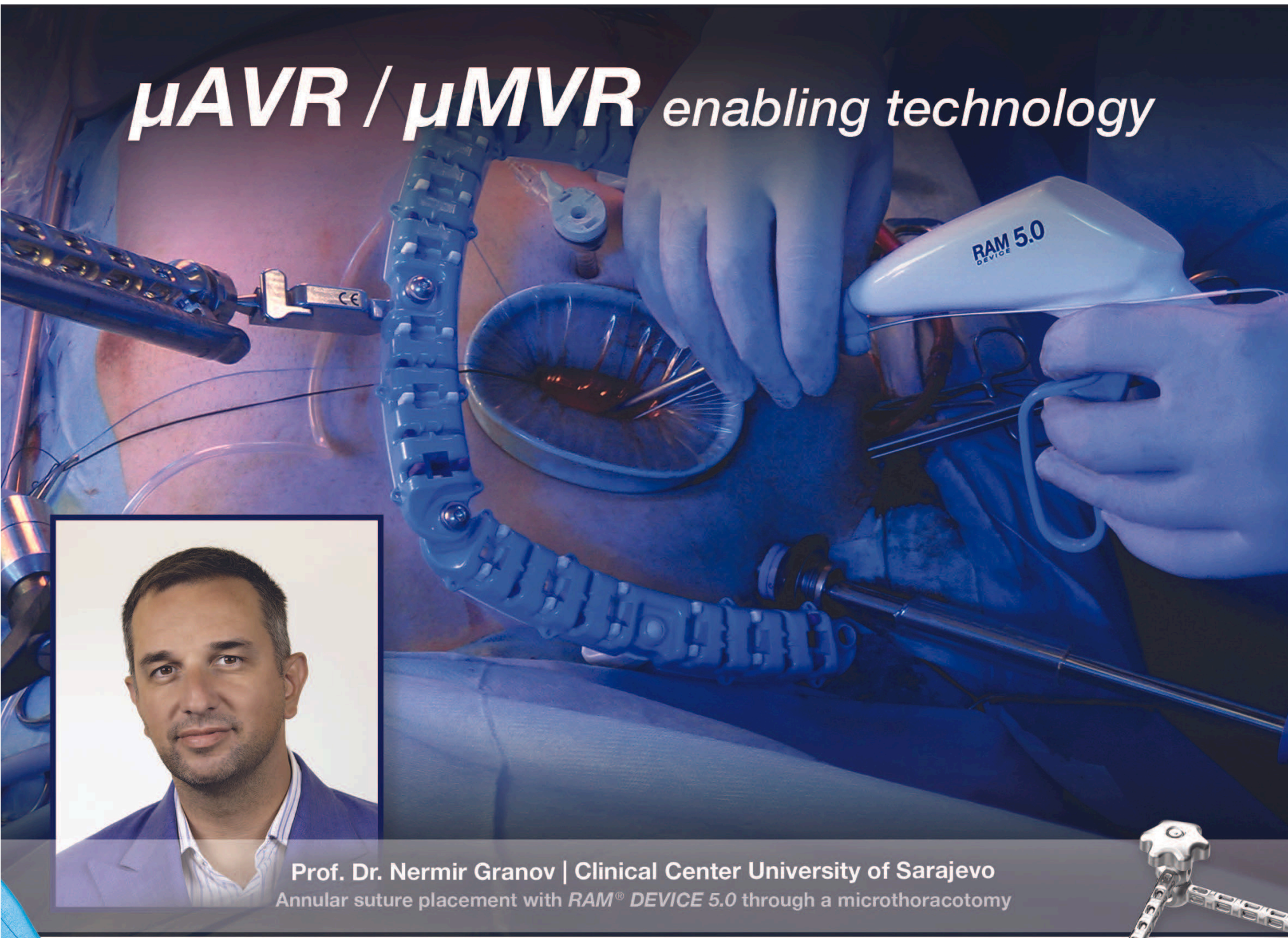
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