

THE
ISMICS



Athens

29 May - 1 June 2024

InterContinental

Athenaeum Athens

Athens GREECE

INSIDER

YOUR INSIDE LOOK AT THE ISMICS ANNUAL MEETING

2024 ISMICS Annual Meeting Issue A



A WARM WELCOME FROM THE ISMICS 2024 PRESIDENT NIKOLAS BONAROS, MD

To my dear friends, colleauges, residents, fellows, and medical students,

I want to be the first to welcome you to Athens! I am beyond honored to have served at the ISMICS President this past year and very excited to see all the hard work and dedication of the leadership, program committe and program chairs all come together this week and to share it with you all as well. We have a great program this week along with a few new sessions I truly hope you will enjoy.

WELCOME TO THE ANCIENT CITY OF ATHENS!

Greece has been known as the cradle of civilization since ancient times, and Athens is one of its most famous cities. According to Greek mythology, Athens was created the day the gods decided to have a contest. The growing city would be named after the deity who offered mortals the most useful gift. The town was finally named after Athena, after she offered the olive tree as a symbol of peace and prosperity. Today, Athens is a thriving metropolis that attracts millions of visitors each year. With its ancient ruins, world-class museums, and vibrant culture, Athens is a city that never sleeps.



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A Message from Your Executive Director

Aurelie Alger

Hello everyone and Welcome to Athens!

It is so exciting to bring the ISMICS Annual Meeting to Greece this year, a destination that your Board has discussed a few times in the past, and clearly whose time has come. Your President Dr. Nikolaos Bonaros has led the Board of Directors and the Program Committee, which worked hard all year to create an extremely vibrant and innovative program. In addition to cutting edge innovative science, ISMICS is offering four luncheon symposia this year, along with two Resident and Fellow focused luncheon sessions. The Meeting also provides members three opportunities to have hands-on training, one an ISMICS-offered Live Simulation Training course led by Dr. Peyman Sardari, and then two Simulation suites offered by Atricure and Getinge. Each of these courses still have openings for sign-ups – please see our staff team on the registration level or sign up online via one of the emails you have previously received. And of course, ISMICS continues to offer our attendees a special offsite event, this year on Thursday evening at the Acropolis Museum. If you haven't bought tickets yet please see our staff team – the Acropolis Museum requires verification of all attendees as we will be there after hours.

ISMICS like all societies has been doing some introspection on its mission and focus – at its inception in 1997, it was the only organization which focused on minimally invasive surgery. In the current era when so many societies have embraced many mics techniques which have now become mainstream, ISMICS continues to look at how it can and should evolve to remain relevant and cutting edge, not the least of which is to remind our members and attendees that ISMICS represents innovation – and not just certain types of procedures. Our own journal, INNOVATIONS, now has an impact factor and under the guidance of Editor in Chief Niv Ad, MD and his editorial team, has been on a rapid path to continued growth. The journal is now online only but a member who wishes to still receive print can purchase that option. The journal also has approximately 13% Open Access articles, something which will continue to rise.

Your ISMICS leadership and staff team will be convening a Strategic Planning Session in the coming year, looking at multiple key areas including what makes the society unique, what distinguishes it from the ever expanding conference competition, and how the Society can offer more to our members as well as to effectively communicate with our industry partners in a rapidly changing landscape. The Society also has continued to expand its international focus, and next year will again be hosting the Annual Meeting in Europe, this time on the edge of the Middle East with a meeting in Istanbul under incoming President Sam Balkhy. The Society's membership is international and your Board wants to reflect that in its venues. This is bolstered even more by the ongoing ISMICS Workshops, which are scheduled in Japan in 2024 and then Mexico in 2025. Combining that with adding residents and junior surgeons to the Program Committee, and engaging them at the Board of Directors level, ISMICS as an inclusive society wants to welcome all new attendees to our Society.

While ISMICS is older than 25 years, the Society is celebrating its 25th in person meeting this year in Athens. As a special part of the Friday evening President's Nightcap, Dr. Bonaros has asked all the Past Presidents in attendance to offer brief reminiscences of what ISMICS has meant to them. The nightcap also will also feature the Poster Competition and Award Winners, as well as spectacular views of the Acropolis from the 6th floor outdoor balcony of our hotel – the evening begins at 9 PM on Friday so plan your return from dinner in time to join.



Medtronic

Join us at ISMICS 2024

With every beat,
expect more.

Join our Symposium

Operating the extraordinary:
how to expand your MICS practice in challenging cases

🕒 May 30th 12:15 – 13:45 📍 Room Aphrodite IV – V

In a world where access to minimally invasive procedures keeps expanding, our international faculty will show you how to deal with complex cases through MICS surgical procedures.

Moderators



N. Bonaros



H. Balkhy

Speakers



F. Bakthiary



H. Kitahara



D. Ramzy

Agenda

Treating failed TEER and MAC using the SimuPlus™ band

Endoscopic aortic root replacement with the Avalus™ valve

Robotic Totally Endoscopic Mitral Valve Repair after failed TEER

Endoscopic AVR with a new hand sewn technique

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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EXHIBITION HALL
HOURS AND FUNCTIONS

Thursday, 1 June 2023: 08.00 – 18.30

Coffee Break: 10.00 – 10.30

Coffee Break: 14.30 – 15.00

Exhibit Reception: 17:30 – 18:30

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

ePOSTER
COMPETITION



FIRST ROUND

Lobby Level -1

Thursday, May 30 - 17.30 – 18.30

Concurrent groups by topic, peer scored, each topic has one winner.

Winners receive \$500 USD

FINAL ROUND

Lobby Level -1

Friday, 31 May - 17.15 – 18.15

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.

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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EVH procedures

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*No clinical data are available that evaluate the long-term impact of RESILIA tissue in patients. Additional clinical data for up to 10 years of follow-up are being collected to monitor the long-term safety and performance of RESILIA tissue.

Medical device for professional use. For a listing of indications, contraindications, precautions, warnings, and potential adverse events, please refer to the Instructions for Use (consult eifu.edwards.com where applicable).

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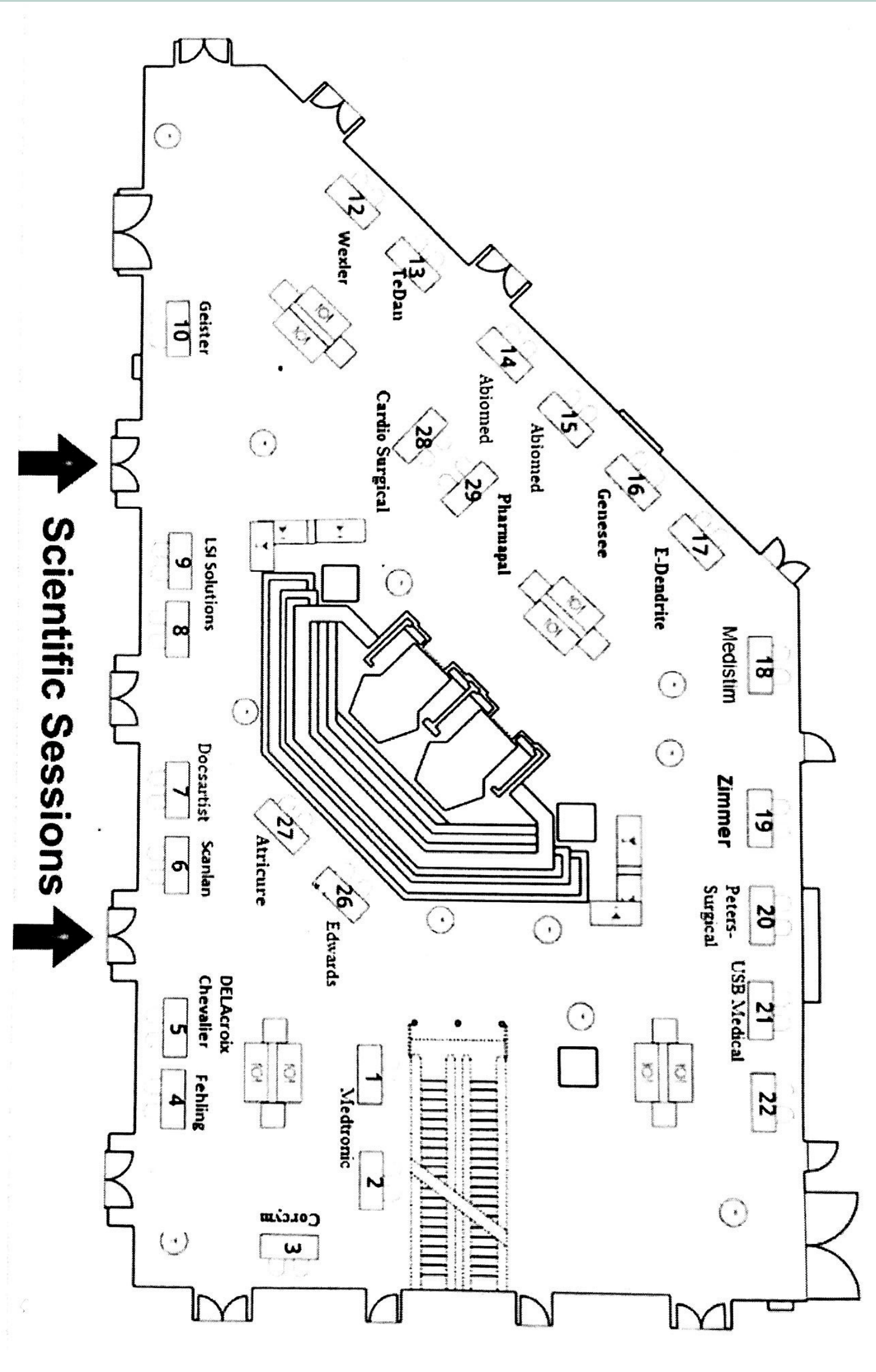


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ISMICS 2024 EXHIBITORS

Abiomed (T14/15)

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>



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INNOVATIONS:

TECHNOLOGY AND TECHNIQUES IN
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.

Why publish in Innovations?

- Rigorous peer review of your research
- Rapid publication process
- Indexed in MEDLINE 
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- A targeted audience that includes surgeons, trainees, and industry interested in minimally invasive cardiothoracic and vascular techniques

Editor-In-Chief:
Niv Ad, MD

Published in Association with



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5-Year Impact Factor™:
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Attendee Reception

THURSDAY, MAY 30

Join us for what is sure to be a perfect night of historical artifacts!



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INNOVATIONS**

Resident & Fellows Luncheon

Thursday, May 30

12.15 - 13.45 *Arcade I+II*

Friday, May 31

12.15 - 13.45 *Omicron II*



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**SYMPOSLIA
INFORMATION**

Please plan to attend the Industry sponsored
Lunch symposia during ISMICS 2024 in
Athens.

**SIMULATION SUITE
INFORMATION**

Join our industry partners for some hands-on
training opportunities!
Sign-up at registration today!

THURSDAY, 30 MAY 2024

Luncheon Symposia

Medtronic (12.15) *Aphrodite IV-V*

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*

THURSDAY, 30 MAY 2024

Geringe

08.00 - 17.30 - Omega

Atricure

08.00 - 17.30 - VIP Lounge

FRIDAY, 31 MAY 2024

Geringe

08.00 - 17.00 - Omega

Atricure

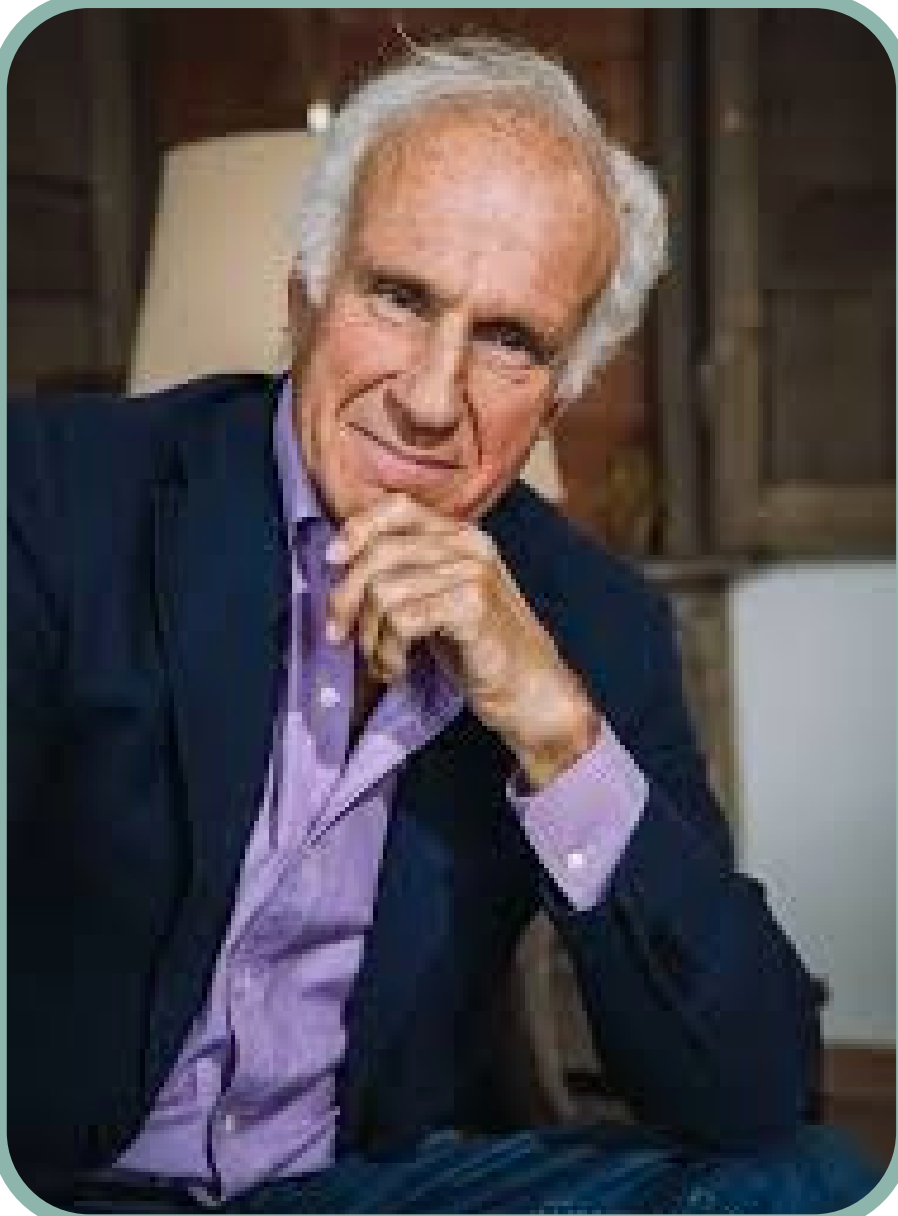
08.00 - 17.00 - VIP Lounge

KIT V. AROM SPEAKER

Saturday, 1 June
11.45 - 12.30

KEYNOTE SPEAKER

Friday, 31 May
14.00 - 14.45



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UMES ARUNAGIRINATHAN, MD



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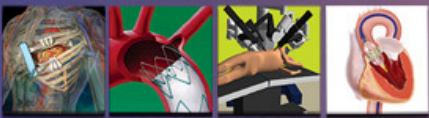
Istanbul

28 May-31 May 2025

Swissôtel

The Bosphorus Istanbul

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

ANNUAL
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