

THE
ISMICS



Athens

29 May - 1 June 2024

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Athens GREECE

INSIDER

YOUR INSIDE LOOK AT THE ISMICS ANNUAL MEETING

2024 ISMICS Annual Meeting Issue C

25TH ANNUAL MEETING & THE INCEPTION OF ISMICS

The International Society for Minimally Invasive Cardiothoracic Surgery was formed to organize and centralize the various surgical centers concerned with patient outcomes, techniques, and progressive development of less invasive forms of heart surgery. ISMICS was formed on May 31st, 1997 by participants of the World Congress of Minimally Invasive Cardiac Surgery in Paris, France. Since its inception ISMICS has hosted 25 Annual Meetings with the 25th taking place this week in Athens. This past week in Athens we were grateful to have so many Past President's present for this historical meeting.

Thank you to those who attended the Presidential Nightcap and heard the stories of ISMICS and its beginning. This society and meeting would not be what it is today without Innovation, Technology, and of course our meeting attendees and members!



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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.

Editor-In-Chief:
Niv Ad, MD

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2023 Best Paper Award Recipients

Submitted **before** the 2023 Annual Meeting for \$2,000 Award.

Novel Image-Guided Percutaneous Lung Tissue Excision Device with Integrated Sealing of Blood Vessels and Airways: An In Vivo Preclinical Study

Jorge E. Salazar, MD – Prana Thoracic, Houston, TX, USA

Submitted **after** the 2023 Annual Meeting for \$1,000 Award.

Outside the Cage Subcostal RATS Lobectomy: Technical Aspects and Results of the First Series of a Novel Approach to Pulmonary Lobectomy

Luciano Bulgarelli Maqueda, MD – University of Montreal, QC, Canada

**ePoster Competition
2024 Winner**

Beatrice Manfredini

The Role of Lymphadenectomy In Clinical Stage I Nscl: Comparison of Robotic and Open Approach



**Cardiac Robotic
Investigator
2024 Award Winner**

**Is Re-Operative Robotic Assisted
Surgery Feasible and Safe? A
Propensity Matched Analysis**

Christophe Hansen-Estruch, MD
*University of Alabama
Birmingham, Alabama*



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November 8 [Fri.] - 9 [Sat.]

ISMICS 2024

WORKSHOP

Venue

Hotel New Otani Osaka

Organizer

Taichi Sakaguchi, MD

Hyogo Medical University

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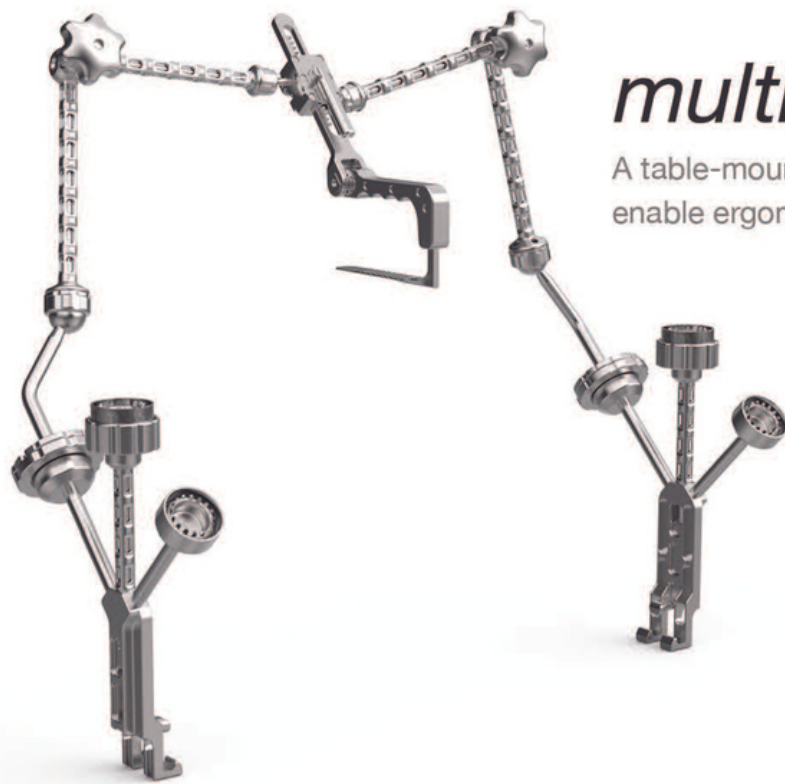


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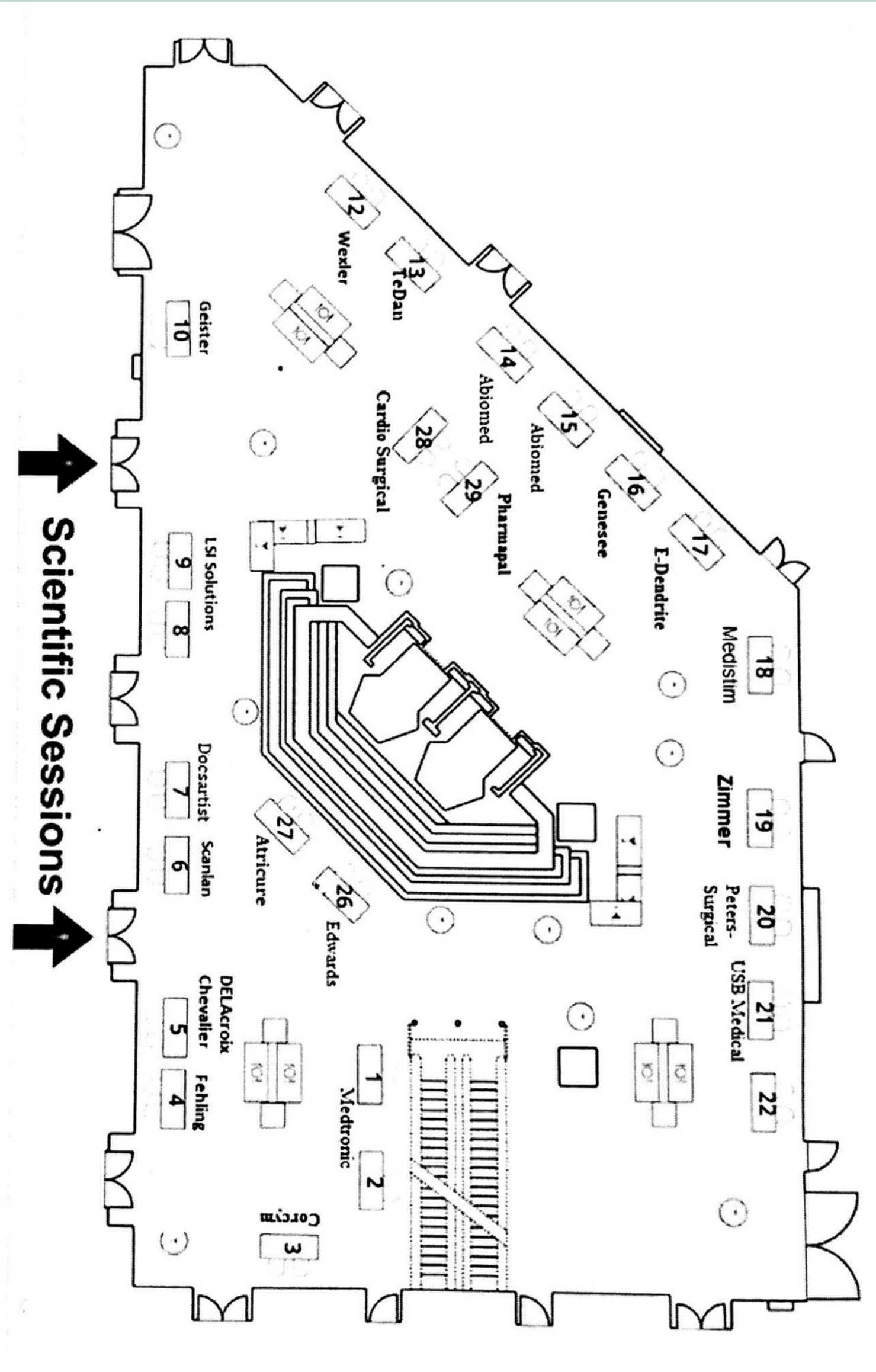


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ISMICS 2024 EXHIBITORS

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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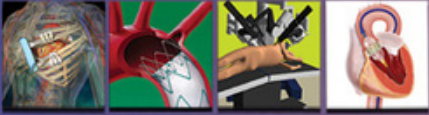
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The consensus is in —

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– Class IB, 2017 ISMICS Consensus Conference Statement¹



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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.

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