

THE ISMICS



Istanbul

28 May - 31 May 2025

Swissôtel

The Bosphorus Istanbul

Istanbul - TURKEY

INSIDER

YOUR INSIDE LOOK AT THE ISMICS ANNUAL MEETING

2025 ISMICS Annual Meeting Issue B Friday May 30



PRESIDENTIAL ADDRESS HUSAM BALKHY, MD

Robotic Cardiothoracic Surgery - it Is TIME!

ISMICS President Dr. Sam Balkhy presented his Presidential address before a packed audience, describing his “unofficial theme” on Robotic Cardiothoracic Surgery - which he highlighted via a series of robotic cardiothoracic webinars leading up to the ISMICS Annual Meeting.

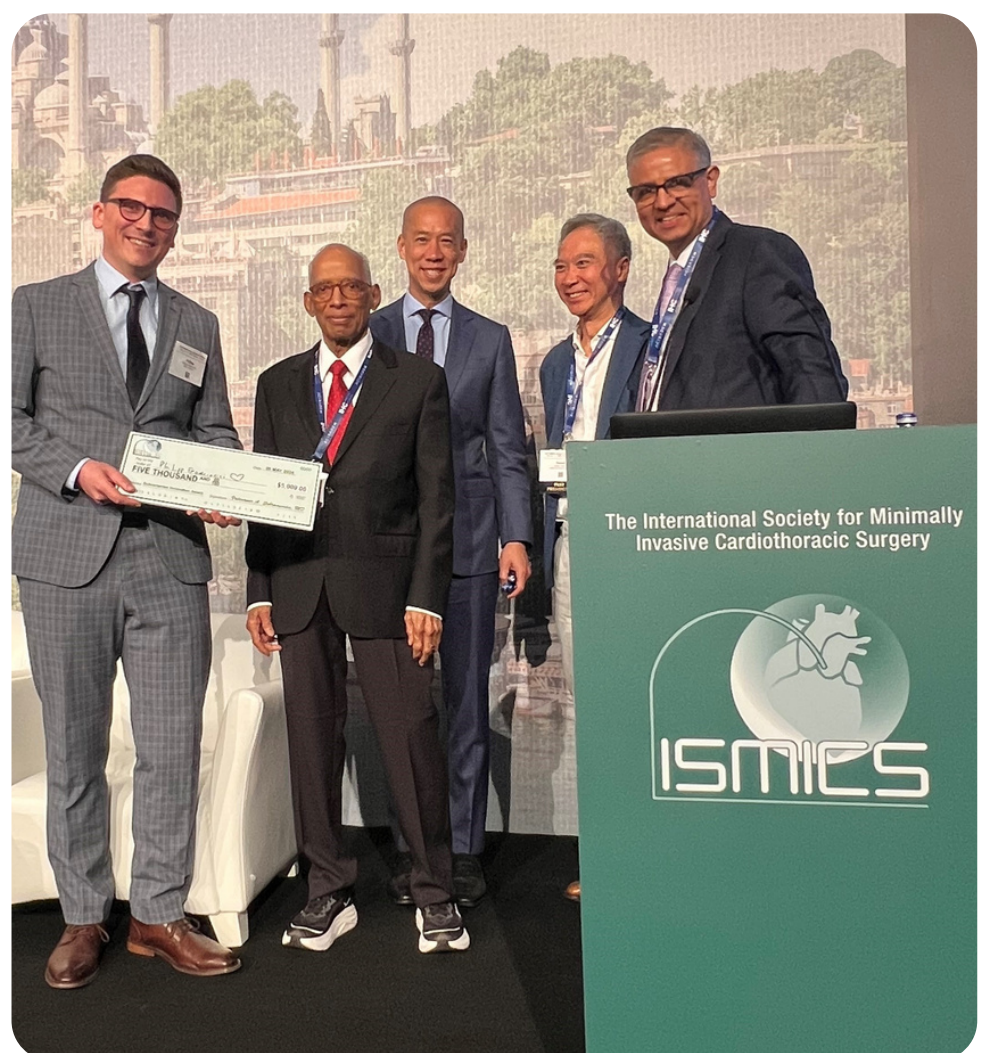
Describing his journey in cardiac and robotic surgery, Dr. Balkhy noted that three key elements necessary in pursuing robotics are Passion, Persistence and Patience.

SUBRAMANIAN INNOVATION AWARD

Thursday saw the Subramanian Innovation Award held with Dr. Mani Subramanian presenting the winner Philpp Feodorovici, MD a check for \$5,000.

Dr. Feodorovici's paper was entitled “*A Mixed Reality Approach to Patient-specific Robotic Thoracic Surgery Planning.*”

ISMICS is grateful to Dr. Subramanian, our President in 2003-2004, for his ongoing commitment to excellence, innovation and especially to the Society.



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INTUITIVE

Intuitive breakfast symposium

A Unified Vision. A Cardiac Surgical Transformation—with da Vinci

Friday, May 30
6:30–7:50
Fuji Ballroom I

Breakfast will be provided prior to symposium.

A look forward with Intuitive's global vice president of cardiac surgery

Late Breaking News: Intuitive
Improving the Future of Cardiac Care, Together

Friday, May 30
13:45–14:00



Moderator
Husam H. Balkhy, MD
University of Chicago Medicine



Panelist
Johannes Bonatti, MD
University of Pittsburgh
Medical Center



Darla Hutton
Global Vice President,
Cardiac Surgery
Intuitive



Panelist
Douglas Murphy, MD
Emory St. Joseph's Hospital



Panelist
Nirav Patel, MD
Northwell Health

26 ISMICS

ANNUAL
SCIENTIFIC
MEETING

Miami

10-13 June 2026

The Fontainebleau Miami Beach

Miami, Florida USA

WWW.ISMICS.ORG


International Society for Minimally Invasive Cardiothoracic Surgery





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ISMICS 2025 QUICK SHOT POSTER COMPETITION FINALISTS

AORTIC AND ENDOVASC - KIOSK 1

THUAN PHAN

Totally Endoscopic Replacement Of The Ascending Aorta With 3d Visualization: Defining 'totally Endoscopic'? A Case Report

ARRHYTHMIA - KIOSK 2

HIROTO KITAHARA

Robotic Applications In Surgical Electrophysiology Procedures

CORONARY REVASC PLUS - KIOSK 3

VOLODYMYR DEMIANENKO

Antegrade Perfusion In Minimally Invasive Coronary Artery Bypass Grafting: Axillary Cannulation Outcomes

CORONARY REVASC - KIOSK 4

KUNIIHIKO YOSHINO

High Patency Rates And Low Wound Complication Rates Can Be Achieved With No Touch Endoscopic Vein Harvesting

NEW TECH - KIOSK 5

MURANT BASTOPCU

Incidence And Management Of Pleural Adhesions During Robotic Cardiac Surgery: Utility Of 'pleural Sliding Test'

PEDIATRIC - KIOSK 6

MOHANNAD DAWARY

Short Term Outcomes Of Minimally Invasive Approach For Repair Of Congenital Heart Defects

AORTIC VALVES - KIOSK 7

JOHANNES SPILKA

3D Endoscopic Aortic Valve Replacement Using The Triangulated Technique

MITRAL VALVES - KIOSK 8

RIYA BHASIN

Robotic Totally Endoscopic Mitral Valve Surgery In Octogenarians: Age Is Just A Number!

TAVI - KIOSK 9

BEATRICE BACCHI

Sutureless Versus Transcatheter Aortic Valve Replacement In Patients With Aortic Stenosis: An Updated Systematic Review And Meta-analysis

THORACIC - KIOSK 10

JEREMY KING LEE

Advances In Artificial Intelligence And Extended Reality For Enhanced Surgical Navigation In Thoracic Surgery: A Scoping Review

VIDEO - KIOSK 11

OLEKSANDR BABLIAK

How Transfemoral Venous Cannulation Facilitates Transaxillary Pediatric Cardiac Surgery

CHINA INNOVATIONS - KIOSK 12

JIAN FANG

Transareolar Single-port Thoracoscopic Surgery For Mediastinal Lymph Node Dissection



**SYMPOSIA
INFORMATION**

Please plan to attend the Industry sponsored
Breakfast and Luncheon symposia during
ISMICS 2025 in Istanbul.

**SIMULATION SUITE
INFORMATION**

Join Intuitive for some hands-on training
opportunities!
Sign-up at registration today!

WE THANK OUR THURSDAY SYMPOSIA SUPPORTERS
CHINA INNOVATIONS - DOC ARTISTS
ENABLE CV
MEDELA
MEDISTIM
MEDTRONIC

FRIDAY, 30 MAY 2025

Breakfast Symposium

Intuitive (6:30 – 8:00) Fuji I

Luncheon Symposia

Resident & Fellows (12:00) Asuka

Corcym (12:00) Neuchatel

Edwards (12:00) Geneve/Luzen

Abbott (12:00) Fuji I

**EXHIBITION HALL
HOURS AND FUNCTIONS**

Friday: 30 May 2025: 08:00 – 18:15

Coffee Break: 10:00 – 10:30

Coffee Break: 16:00 – 16:30

Exhibitor Reception: 17:45 – 18:45

Saturday, 31 May 2025: 08:00 – 11:00

Coffee Break: 10:15 AM – 10:45 AM

**QuickShot
COMPETITION**



FINAL ROUND

Fuji Foyer

Friday, 30 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 Quickshot Winners are
announced via email and the mobile app.*





ISMICS 2025
28-31 MAY | ISTANBUL

OPTIMIZE OUTCOMES. REDEFINE POSSIBILITIES.

MAY 30TH | 12:15-13:45 | ROOM FUJI 1

CONTEMPORARY MICS APPROACHES: AORTIC & MITRAL DISEASE MANAGEMENT WITH EPIC TISSUE HEART VALVES

Join us to explore the latest in minimally invasive cardiac surgery!
Join us for an in-depth session on how minimally invasive cardiac surgery is evolving in today’s transcatheter landscape.

Discover how top experts are redefining surgical valve therapy through contemporary minimally invasive approaches and advanced technologies.

Whether you’re curious about the integration of robotics or how to handle complex anatomies with precision, this session offers practical insights and real-world experiences using Epic tissue heart valves. Perfect for those looking to stay ahead in modern valve disease management.

CHAIRMAN



I. Sultan

MODERATOR



T. Holubec

SPEAKERS



I. Hasan



M. Serkan Durdu



M. M. Özgür



KEYNOTE SPEAKER

BRIAN FERGUSON

FRIDAY, MAY 30

14.15 – 15.00



Brian Ferguson is a former U.S. Navy SEAL and a nationally recognized expert in high-performance leadership, innovation, and human resilience. With over a decade of experience leading elite teams in some of the world’s most challenging environments, Brian brings a rare blend of battlefield-tested leadership and cutting-edge thinking to every stage he steps on.

After his military service, Brian founded Arena Labs, a pioneering organization that integrates insights from special operations, neuroscience, and peak performance to drive innovation in high-stakes industries like healthcare and business. His work focuses on empowering individuals and organizations to perform at their best when it matters most.

Brian’s dynamic speaking style—grounded in real-world stories, actionable strategies, and a deep understanding of human potential—makes him a sought-after voice for companies, conferences, and institutions looking to elevate leadership, teamwork, and performance under pressure.



ISMICS 2025

WORKSHOP

October 26[Sun.]



QUANZHOU · CHINA



Corcym invites you to join us at **ISMICS 2025** for a expert-led Lunch Symposium:

Challenging the Catheter: The Surgical Advantage

Friday, May 30th 12:00-1:15 pm - Neuchatel Room

As transcatheter therapies continue to evolve, this session puts the spotlight back on the surgical option, highlighting the critical role of refined, minimally invasive approaches in the future of structural heart treatment.

Moderated by: Dr. Joseph Zacharias

Featuring: Dr. Yong Cui, Dr. Mustafa Bahadır Inan, and Dr. Danny Ramzy

Together, they’ll share real-world experience and discuss how modern surgical techniques remain powerful, precise, and less invasive.

Don’t miss it.

Join Corcym and the expert faculty for an unmissable conversation.



Attendee Reception

FRIDAY, MAY 30
Kempinski Ciragan Palace Hotel

Join us for what is sure to be a perfect night overlooking the Bosphorus.

TICKET REQUIRED
Can be purchased at Registration



Not A Member of ISMICS?



SCAN THE QR CODE
AND JOIN TODAY!

MEMBERS RECEIVE A FREE
SUBSCRIPTION TO
INNOVATIONS



KIT V. AROM LECTURSHIP

SUDHIR SRIVASTAVA

*"My Journey from Heart Surgeon
to Maker of Robots"*

SATURDAY, MAY 31
11.45 - 12.30



Advancing cardiac surgery: navigating the shift to robotic surgery

Edwards Lifesciences ISMICS annual meeting

Friday, 30th May 2025
12:00 - 13:15
Room: Geneve/Luzern



12:00

Clinical Insights and
patient-centered perspectives



Stepan Cerny

Adoption and opportunities
of robotic cardiac surgery



Jörg Kempfert

My Journey into robotic surgery:
learning and perspectives



Şahin Şenay

Discussion

Panel

13:15

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EXHIBIT HALL

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ISMICS 2025 EXHIBITORS

Abbott

We create breakthrough products – in diagnostics, medical devices, nutrition and branded generic pharmaceuticals – that help you, your family and your community lead healthier lives, full of unlimited possibilities. Today, 114,000 of us are working to make a lasting impact on health in the more than 160 countries we serve.

AtriCure (T17 - T18)

AtriCure, Inc. provides innovative technologies for the treatment of Afib and related conditions. Afib affects more than 33 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 has been approved in the EU to treat atrial fibrillation since 2007. AtriCure’s AtriClip Left Atrial Appendage (LAA) Exclusion System products are the most widely sold LAA management devices worldwide, with more than 500,000 implanted to date.

Cardio Surgical (T22)

Cardio Surgical is committed to providing and distributing innovative high quality surgical devices for use in cardiac, thoracic, and vascular surgery, for general, minimally invasive and microsurgery.

Coreym (T16)

Corcym is a global, independent, medical device company entirely focused on state-of-the-art surgical solutions to fight structural heart disease. Corcym has a presence in more than 100 countries with approximately 850 employees and ensures strong continuous support to patients, healthcare professionals and healthcare systems worldwide.

Dr. Franz Köhler Chemie GmbeH (T03)

Dr. Franz Köhler Chemie GmbH is a family-owned and managed company with long history and experience since 1959, including a high sophisticated state-of-the-art GMP-production (capacity of more than 6.000 liters/day), own certified API production, own research and development center, numerous interdisciplinary joint projects with internationally renowned universities and hospitals, and a worldwide partners and distribution network. Our major brand, CUSTODIOL® (the original HTK Bretschneider solution), is a ready-to-use intracellular solution used by transplant and cardiac surgery centers in over 90 countries.

Fehling Surgical Instruments (T24)

Fehling Instruments is an internationally known and distinguished Medtech company. Continuously striving to improve function and economy of products has led to outstanding innovations in material and design. The introduction of ceramic technologies was a major step towards perfection of surgical instruments which are subject to abrasion.

Grena Ltd. (T19)

Grena Ltd, an innovator in medical devices, ensures superior patient safety and comfort in cardiothoracic care. Our signature innovations include Ne’x Glue Surgical Adhesive, 4Seal Hemostatic Powder, and Click’a V Plus polymer clips, as well as VClip titanium Clips designed to meet the highest medical standards.

Intuitive Surgical

Intuitive advances minimally invasive care by helping physicians and their teams optimize care delivery to support the best outcomes possible. For nearly three decades we’ve created products and services born of inspiration and intelligence—from robotic-assisted surgical and bronchoscopy systems to data generation that unlocks the potential to benefit care systems worldwide.

Medela (T27)

Medistim ASA (T10)

Medistim ASA is a global leader in intraoperative ultrasound technology, combining flow measurement (TTFM) and high-frequency imaging (HFUS) to improve outcomes in cardiac, vascular, and transplant surgery. As pioneers of TTFM, we empower surgeons to elevate patient outcomes through improved insight in every surgical procedure.

Peters Surgical (T12)

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 (T01)

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.

SS Innovations International Inc. (T04 - T05)

SS Innovations is a cutting-edge medical technology company founded with the vision of making high-quality surgical healthcare affordable and accessible to everyone. Headquartered in India, SS Innovations focuses on developing advanced, affordable, and scalable surgical solutions that leverage robotics and artificial intelligence. With a mission to bridge the gap between innovation and accessibility, SS Innovations is transforming the healthcare landscape, particularly in underserved regions where access to advanced medical technology is limited.

Wexler Surgical (T20)

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.

Ziosoft (T25)

At Ziosoft, we strive to develop solutions with the best image quality to further enhance the clinician’s experience for accurate diagnosis and better therapeutic outcomes for patients. Ziosoft offers a whole body imaging platform for CT and MR, including cardiohoracic imaging supporting comprehensive surgical planning. To learn more, visit us at www.ziosoftinc.com.

Arthrex GmbH(T07)

We are a global medical device company and leader in new product development and medical education in orthopedics. With a corporate mission of Helping Surgeons Treat Their Patients Better, Arthrex has pioneered the field of arthroscopy and developed more than 14 000 innovative products and surgical procedures to advance minimally invasive orthopedics worldwide. Our product range comprises electronic equipment for arthroscopy, reconstruction instruments and implants for sports medicine and traumatology, joint prosthetics, and orthobiologic products. Arthrex continues to experience unprecedented growth and demand for our products throughout the world; however, we remain a privately held company with a family business culture that is committed to delivering uncompromising quality to the healthcare professionals who use our products and, ultimately, the millions of patients whose lives we impact.

Beijing Docsartist Technology Co.,. Ltd. (T23)

Docsartist APP, As a global cardiovascular specialty education platform, to present valuable educational videos from global cardiovascular experts. This platform provides an international medical education platform for cardiovascular doctors worldwide! Docsartist Media, A top-tier professional medical media planning team in China, focused on the professionalism and practical aspects of medical media, has planned the first academic variety show, "The Voive of China," along with our documentary series, promotional videos, and more. From planning and recording to production, we continuously refine and enhance our work, striving to create a comprehensive medical media service loop and aiming to become a unicorn in the niche field of medical media.

Delacroix Chevalier (T15)

Experience the difference to Optimize Access, Maximize Exposure and to Facilitate Precision with the Delacroix-Chevalier

Edwards Lifesciences (T29)

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.

EnableCV (T13)

EnableCV is a wholly-owned subsidiary of Edwards Lifesciences. The mission of this highly focused organization is to bring continued innovation that enhances cardiovascular surgical procedures and techniques. enableCV’s product portfolio consists of devices that enable minimally invasive surgical approaches, as well as cannulae, all of which are used and respected by surgeons worldwide.

Geister Medizintechnik GmbH (T11)

Geister Medizintechnik GmbH, also known as Geister Medical, was founded in 1984 and is a manufacturer and system supplier of surgical instruments for conventional open and minimally invasive (keyhole) surgery with a focus on the areas of general surgery, cardiac, thoracic and vascular surgery, neuro and spine surgery as well as bone surgery and sterilization container systems.

IDOL HASTANE URUNLERI A.S (T14)

LSI Solutions (T06)

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/>

Medinice (T21)

Medinice S.A. since 2012, has been developing new, innovative ideas for medical products and services. Company focuses on creating, developing and commercializing safe, minimally invasive medical technologies in the areas of cardiology and cardiac surgery. The company’s mission is to increase the quality of life of patients by means of solutions applicable in modern medicine. Medinice’s portfolio currently includes more than a dozen projects at various stages of development. All of the medical devices developed by Medinice improve patients’ lives and are widely used around the world.

Medtronic (T08 - T09)

Bold thinking. Bolder actions. We are Medtronic. We lead global healthcare technology and boldly attack the most challenging health problems facing humanity by searching out and finding solutions. Our Mission — to alleviate pain, restore health, and extend life — unites a global team of 90,000+ passionate people. Powered by our diverse knowledge, insatiable curiosity, and desire to help all those who need it, we deliver innovative technologies that transform the lives of two people every second, every hour, every day. Expect more from us as we empower insight-driven care, experiences that put people first, and better outcomes for our world. In everything we do, we are engineering the extraordinary.

Shanghai Xin Chang Memory Alloy Tech Co.,Ltd (T23A)

Founded in December 2000, Shanghai Xin Chang Memory Alloy Tech Co., Ltd. is one of the earliest enterprises engaged in the research, development and production of shape memory alloy orthopedic products in China. Since its establishment, the company has won many honors, including Shanghai A-level high-tech achievement transformation project.

USB Medical (T02)

Partnering with world-renown surgeons, USB Medical develops the highest quality devices offering you superior exposure and outcomes. Come see the new HV blades and G2 Detachable Clamp.

Zimmer Biomet (T26)

Zimmer Biomet is a global medical technology leader with a comprehensive portfolio designed to maximize mobility and improve health. We seamlessly transform the patient experience through our innovative products and suite of integrated digital and robotic technologies that leverage data, data analytics and artificial intelligence. With 90+ years of trusted leadership and proven expertise, Zimmer Biomet is positioned to deliver the highest quality solutions to patients and providers. Our legacy continues to come to life today through our progressive culture of evolution and innovation.

