

RHICS 23nd Expert Forum

Joint Meeting with the



Transplantation
Mechanical circulatory support
Coronary Arteries, Valves, Great Vessels: what's new?

3. June 2023 | 8:00-12:30

Congress Venue
Bexco, Busan, Korea

Welcome Address

Dear Members, Friends, and Guests of the RHICS,



It is with enormous pleasure that I welcome you to the 23rd iteration of our expert forum. We are honored to take part in the annual meeting of the Asian Society of Cardiovascular and Thoracic Surgery in Busan, Korea.



From a very early time on, Prof. Roland Hetzer and the German Heart Institute Berlin developed deep ties to colleagues from Asia. The large volume of the clinical program in Berlin allowed for rapid testing and implication of new techniques. Visiting physicians and healthcare providers were able to quickly see a broad spectrum of procedures and take valuable impressions with them home. A very vivid and fruitful exchange of people, experiences, and ideas evolved stretching over many years. It is therefore fitting to join the conference in Busan and continue our conversation, refresh our friendships.

We have been witnesses to enormous progress and changes in the field of cardiovascular and thoracic surgery over the years. The ASCVTS conference will touch on many of these. It will reflect advances made around the world, but particular in Asia. Today, one finds in Asia large clinical and academic programs in cardiac and thoracic surgery that so successfully participate in the advancement of our field. These programs have opened up access to excellent cardiac care to an enormously large patient population. Asia has become a hub of innovation in many areas, including advanced medical technologies. We are excited to learn from our friends, how their healthcare systems have mastered the challenges of recent years.

Our 23rd Expert Forum will focus on mechanical support and solid organ transplantation. I am looking forward to hear from our experts about new developments and future perspectives in this important field. Advanced heart



and lung disease continues to be a major cause of morbidity and mortality in our countries. Great efforts have been made to improve outcomes, but more so to expand donor availability and access to these therapies.

Long-term mechanical support has become a reality: patients have lived several decades with mechanical support devices and obtained high levels of quality of life. We continue to believe that, if we want to address the enormous need for organ replacement in advanced heart and lung disease, mechanical devices are the only way to achieve this goal. Our experts will share their experience and give us perspective in this regard.


Let me express our enormous gratitude to the organizers of the Busan conference for their support and hospitality. I am sure, this will be one of the most memorable meetings of the RHICS. Let us all enjoy the beauty of Busan, the culture of Korea, the friendship of our colleagues.

Thank you for joining us, I am looking forward to a productive and exciting Expert Forum.



Matthias Loebe, MD, PhD

President, RHICS



Greeting Remarks

To all Members, my good friends and colleagues,



Welcome to the RHICS 23rd Expert Forum which is taking place during the 31st Annual Meeting of the Asian Society for Cardiovascular and Thoracic Surgery (ASCVTS) & The 37th Annual Meeting of the Korean Society for Thoracic and Cardiovascular Surgery (KSTCVS). The ASCVTS has been our time-tested partner in Asia since 2015.



Our joint Meeting with the ASCVTS has evolved to become a tradition. This is a real treasure for the RHICS, since these joint meetings with them pave the way to ensure the continuance of our friendship, both professionally and personally. I wish this will persist a lifetime. In Berlin, we have hosted and trained thousands of visiting surgeons and health personnel coming from the Asian continent. Certainly, they will foster what they have seen and have experienced while they were with us and will continue our legacy on their side of the world .

With the recedence of the Corona pandemic, which has greatly affected our lives and lifestyles since 2020, now is a most appropriate time to resume meeting our colleagues personally and sharing with them what we have withstood during these times and how we are now.

And Busan is the best place to start and reunite. Exchanging experiences with what we have endured would be refreshing and could be socially therapeutic. This year's meeting of our Society will take place at the wonderful city of Busan, South Korea's second largest city situated at the southern tip of the Korean peninsula, known for its dream beaches, mountains and temples, and notwithstanding its rich local seafoods. We are happy to share our expertise on Transplantation, Mechanical Circulatory Support as well as know-hows on coronary arteries, valves, and great vessels.



I extend my sincere appreciation and heartfelt thanks to the Organizing Committee of the ASCVTS for inviting us to join them and to their great assistance in the Meeting.

To all the RHICS Speakers, I wish to express my genuine admiration and acknowledgment.

Certainly we will have a great Forum! Thank you all for your continuous support.

With best regards,

Roland Hetzer, MD, PhD

Honorary President, RHICS



Program | Saturday, June 3, 2023

8:30 M. Loebe (USA)
Welcome Remarks

Session 1

Transplantation

8:40 R. Hetzer (Germany)
*Resumé of the challenges and burden of living
with transplanted hearts for >31 years*

9:00 M. Loebe (USA)
Multioorgan transplantation

9:20 S. Scheinin (USA)
*Intraoperative mechanical circulatory support for
lung Transplantation: to pump or not*

9:40 M. Barron (USA)
*Emerging Strategies in Extracorporeal Circulation
for Cardiac Transplantation*

Coffee break

Mechanical circulatory support

10:45 M. Javier (Germany)
The road to a sustained myocardial recovery in adults



11:05 I. Adachi (USA)
Current status of pediatric mechanical circulatory support

11:25 E. Javier Delmo (Germany)
Ventricular assist device and myocardial recovery in the young



Session 2

Coronary Arteries, Valves, Great Vessels: what's new?

- 11:45 S. Redzepagic (Australia)
*The impact of cardiopulmonary bypass time
on cognitive function, novel neurological biomarkers
and stroke in patients undergoing cardiac surgery*
- 12:05 A. Aventura (Philippines)
*Post infarct ventricular septal defect:
our treatment evolution*
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****Anyone is welcome to make a donation to the RHICS e.V. to support its mission of continuing medical education and foster international collaboration through expert forum discussions. Thank you****



Roland Hetzer International Cardiothoracic and Vascular Surgery Society

To honor the mentorship, leadership and contributions of Prof. Dr. Roland Hetzer in the field of cardiothoracic and vascular surgery, the Roland Hetzer International Cardiothoracic and Vascular Surgery Society (RHICS) was founded by cardiothoracic and vascular surgeons who have trained and worked under Prof. Hetzer, including former students, present staff and colleagues from all over the world. The exclusive objectives of the RHICS are:

1. to provide a forum for expert discussion on relevant cardiothoracic issues, to set up guidelines based on conclusions derived from this expert opinion forum
2. to promote cardiothoracic surgical education skills from beyond standardized and statistical (experience-based) medicine to a patient-based medicine wherein treatment approaches are individualized and personalized, and specific high-quality treatment is tailored to the patients' unique pathology so as to give them an optimal quality of life, after surgery
3. to promote continuing medical education through the holding of regular symposia and meetings and the continuance of clinical and experimental research efforts and the publication of the results in scientific journals, and
4. to foster international collaboration and cooperation in clinical practice and scientific research in cardiothoracic and vascular surgery and associated fields.

The RHICS thus hopes to continue the legacy of Prof. Hetzer.

After its conception (by Drs. Delmo Walter, Ennker and Loebe) on January 29, 2010 and tremendous concerted efforts by Drs. Gerhard Ziemer, Harald Hausmann, Michele Musci, Thomas Krabatsch, Charles Yankah, Ralf Sodian, Luc Tamber, Hermann Kuppe and Boris Nasser, the RHICS was legally founded on May 20, 2011 at 17:30, in the presence of its lawyer, Dr. Maren Bedau, and the Honorary President himself, Prof. Roland Hetzer.

The Constitution was signed by Drs. Ziemer, Ennker, Hausmann, Delmo Walter, Musci, Nasser and Kuppe with distant attendance of M. Loebe (via teleconference from Houston, Texas, USA), which took place at the Deutsches Herzzentrum Library.

The RHICS Society was formally inaugurated on June 13, 2011 at the Hotel Intercontinental Berlin. It is now recognized by the German Tax Authorities as a non-profit, tax-exempted scientific organization.





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Roland Hetzer

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Announcement

RHICS 24th Expert Forum
Joint Meeting with the
4th Brazil German Cardiology Congress



THE HEART MATRIX

Cardiovascular Medicine & Surgery and Allied Health and Sciences

The Heart Matrix – the official publication Journal of the RHICS

The Heart Matrix is a channel with the aim of interconnecting all fields intertwined with cardiovascular medicine and surgery. We are a new platform for comprehensive scientific communication, accentuating both disease and health, beginning with the heart- an organ relentless at work, providing nourishment to every cell in the human body; an organ vital for life.

The intent of The Heart Matrix is to bring this organ close to those interested, entertaining the notion that the heart nourishes the mind. From the pump to the pipelines, over the uncountable number of destinations back to the pump, the heart is not independent - it is interdependent. Heart, matter, motion... This is the journal's destination.

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