



MinicARDIA 2.5

Minimally Invasive Cardiac Surgery School

MASTER THE FUTURE. BECOME MICS.

Novi Sad, Serbia, 28 -29 May 2026, Hotel Pupin
minicardia.com

MiniCARDIA 2.5 - Symposium

Novi Sad, Serbia, 28-29 May 2026, Hotel Pupin

Focus: Mastering Endoscopic and Minimally Invasive Cardiac Surgery (MICS)

Day 1, Thursday, May 28, 2026

Theme: Endoscopic Foundations & Mitral Valve Interventions

08:30 - 09:00 | Registration

09:00 - 09:15 | Opening Ceremony - *Milovan Petrović, Aleksandar Redžek & Lazar Velicki (Course Director)*

SESSION I: The Endoscopic Blueprint - Expert Perspective (Panelists: L. Babić, A. Kamenov)

09:15 - 10:20 | Setup and Visualization (*L. Velicki*)

- **The 3D Revolution:** Advanced 3D Visualization in Minimally Invasive Cardiac Surgery..
- **Port Placement & Setup:** Geometry of the chest – maximizing the reach.
- **Instrument Mastery:** Ergonomics of Geister instrumentation in a confined space.
- **The Learning Curve:** From standard sternotomy to totally endoscopic.
- **Q&A – ICVDV Center of Excellence (Vivostat workshops)**

10:20 - 11:00 | Exhibition Tour and Practical Introduction to Einstein Vision 3D & Coffee Break

SESSION II: Endoscopic Mitral Valve & Cryoablation (Panelists: A. Redžek, A. Kamenov)

11:00 - 12:30 | Techniques and Technologies

- **Endoscopic Mitral Repair:** Annuloplasty, Resection, and Neo-chords. (*L. Velicki*)
- **Advanced Anchoring:** The role of CorKnot and RAM devices in MICS. (*A. Kamenov*)
- **Concomitant Procedures:** Endoscopic Cryoablation for Atrial Fibrillation. (*L. Velicki*)
- **Complex Cases:** When to stay endoscopic and when to convert. (*A. Redžek*)
- **Case presentation** – *Simuform ring annuloplasty in a patient with previous TAVI (sponsored by Medtronic) – (L. Velicki)*

12:30 - 13:30 | Networking Lunch

SESSION III: Industry Innovation Session

13:30 - 14:30 | Corporate Partners Spotlight

- **Edwards Lifesciences:** Future of valve technologies in MICS. (*Štěpán Dedek*)
- **CorCym:** Perceval Plus LANCELOT – The Valve for a Lifetime (*Selene Zanelli*)
- **Abbott:** Epic™ Max: A Contemporary Surgical Aortic Bioprosthesis (*Lazar Velicki*)

SESSION IV: HANDS-ON WORKSHOP - PART A

14:30 - 17:00 | Wet Lab & Simulation (Rotational Stations)

- **Station 1 (Einstein/Aesculap):** 3D endoscopic visualization training. (*J. Tavrić / J. Hrubik*)
- **Station 2 (LSI/Medtronic):** Mitral repair on LSI heart models using MiChord & RAM devices and Medtronic Simuform rings. (*R. Spasojević / N. Knežević / S. Simić / L. Velicki*)
- **Station 3 (Geister/Grena/Abbott):** Suture management and knot tying with specialized MICS tools. (*L. Velicki / A. Božić / J. Hrubik*)
- **Station 4 (Biomedica/AtriCure):** CryoMAZE in MICS. (*L. Velicki / M. Ignić*)
- **Station 5 (CorCym):** Perceval, HAART system, Memo 4D (*N. Pejić / L. Velicki / M. Pastornački*)
- **Station 6 (Edwards Lifescience):** Specifics of Edwards Lifescience bovine pericardial prostheses wetlab (*Š. Dedek / L. Velicki*)



17:00 | Day 1 Adjourn

20:00 | Gala Dinner (Location: Restoran Kalem by ZAK)

Day 2 , Friday, May 29. 2026

Theme: Aortic, Coronary, and Anesthesia in MICS

SESSION V: Advanced Endoscopic Applications (Panelists: D. Grujić, L. Velicki)

09:00 - 10:30 | AVR, ASD & Myxomas

- **Endoscopic AVR:** A Contemporary Approach to a Long-Standing Surgical Challenge (*L. Velicki*)
- **Advanced MICS CABG:** A case series of four and five vessel total arterial revascularization. (*D. Grujić*)
- **Complications in MICS:** Real-world cases – Management of bleeding and suboptimal visualization (*M. Matković*)
- **ASD Closure & Myxoma Resection:** The "Ideal" starting point for endoscopic programs. (*A. Redžek*)
- **Dafodil in Contemporary Valve Surgery:** From Device Concept to Real-World Registry Evidence (sponsored by Meril) – (*L.Velicki*)
- **Q&A**

10:30 - 11:00 | Coffee Break

SESSION VI: MICS Anesthesia & Hemodynamics Hemodynamics - Individualized Targeted Monitoring and Outcome Optimization

11:00 - 12:00 | The Expert Perspective (*J. Vučković - IKVBV*)

- Physiology of the Small Incision: Clinical Priorities and ERAS Imperatives
 - Multimodal Data Integration: The Clinical Contribution of Advanced Monitoring Systems
 - New Horizons in MICS Anesthesia: Non-invasive Assessment of Surgical Stress Using a Skin Conductance Sensor
-

SESSION VII: HANDS-ON WORKSHOP - PART B

12:00 - 13:45 | Focused Training & Hemodynamics

- **Workshop A:** Case-Challenge: Dynamic Management of Hemodynamics and Neuroprotection. (*Lead: J. Vučković/ I. Stojanović/ K. Mitić / A. Kontić*)
- **Workshop B:** Endoscopic Aortic Valve replacement Closure on High-Fidelity Models. (*Lead: L. Velicki/ J.Hrubik*)
- **Workshop C:** MIDCAB Simulation and LSI Device integration. (*Lead: D. Grujić/ A. Božić*)

13:45 - 14:00 | Final Remarks, Certification & Farewell

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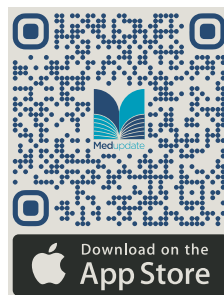
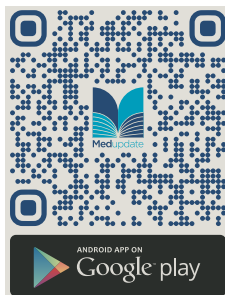
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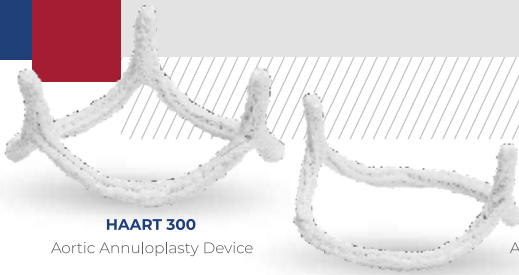
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 AdriaMed
Inspiring Better Health





HAART
Aortic Valve Repair Technologies



HAART 300

Aortic Annuloplasty Device

HAART 200

Aortic Annuloplasty Device

SIMPLIFYING AND STANDARDIZING AORTIC VALVE REPAIR

HAART Aortic Annuloplasty Devices enable three-dimensional internal annuloplasty to facilitate repair of the aortic valve insufficiency

RESIZE

THE ANNULUS TO REDUCE DILATATION

RESHAPE

THE AORTIC VALVE TO IMPROVE LEAFLET COAPTATION

STABILIZE

THE ANNULUS TO HELP PREVENT RECURRENT DILATATION

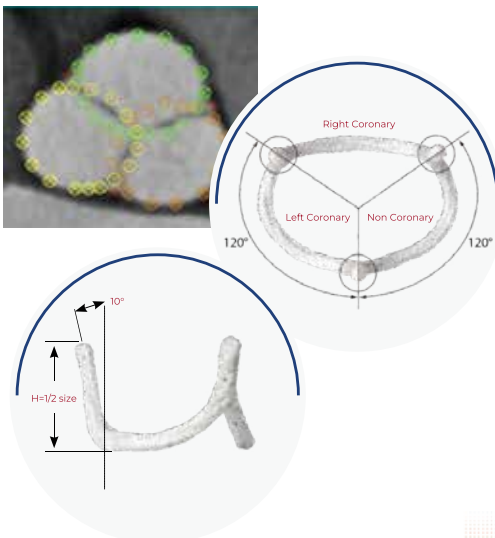
Pursuing Better Patient Outcomes

Aortic valve repair provides significant benefits for patients with moderate to severe aortic insufficiency¹:

- Lower operative mortality
- Lower risk of valve-related complications
- No need for long-term anti-coagulation therapy
- Improved long-term ventricular function
- Improved long-term survival

HAART 300 TRILEAFLET AORTIC VALVE REPAIR

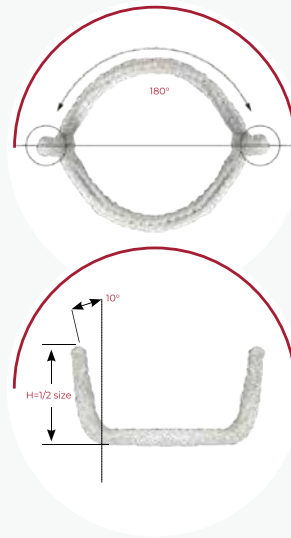
Designed based on extensive analysis of computed tomographic angiogram data of healthy aortic valves. Replicates the complex 3-D anatomy of the aortic root²



Multiple sizes to match patient anatomy (19, 21, 23, and 25mm)

HAART 200 BICUSPID AORTIC VALVE REPAIR

Circular base geometry with 180° commissural posts that support a symmetric (Sievers Type 0) reconstruction



Ovlašćeni distributer i zastupnik:
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