MiniCARDIA

MiniCARDIA: Pioneering Innovation, Mastering Operations, Elevating Standards

Novi Sad, 9-10 May 2024

Institute of cardiovascular diseases Vojvodina

LIVE IN A BOX

J. Szolnoky (HUN) - Totally endoscopic mitral valve repair

L. Velicki (SER) - Minimally invasive mitral valve repair after TAVR

N. Granov (BIH) - Endoscopic multiple valve surgery

Prof. F. Bakhtiary (GER) - Totally endoscopic AVR using the RAM device

S. Micovic (SER) - Totally endoscopic AVR using sutureless valves

Keynote lectures

Prof. F. Bakhtiary (GER) – Journey from full sternotomy to micro access AVR surgery

M. Banovic (SER) – Insights from the AVATAR trial and beyond

M. Milojevic (SER) – Aortic Valve Disease and Treatment: Key Messages from the Contemporary ESC/EACTS Guidelines and the Impact of National Registries in Patient Care

Dragana Djermanovic (SER) - Transforming Healthcare: Embracing Innovation and Cultivating a Culture of Excellence

Minimally invasive AVR

M. Matkovic (SER) - Ministernotomy vs RAT

Prof. F. Bakhtiary (GER) - Endoscopic AVR/Aortic root – endless possibilities

N. Granov (BIH)- ReDo mini AVR cases

M. Kovacevic (SER) - TAVR vs SAVR

Endoscopic AVR as opposed to TAVR

Echocardiography for Aortic valve disease: State of the art

How to set up totally endoscopic AVR program

Krzysztof Wrobel (POL) - My worst complication

I Rudez (CRO) – Reconstructive surgery of the aortic valve

Live surgery

Surgery 1 – F. Bakhtiary

Surgery 2 – L. Velicki

Sponsored lectures – lunch symposia

LSI – Use of automated suturing devices (RAM Device, EasySaw, CoreKNOT)

Corcym – Perceval valve

Medtronic – Avalus valve

Anesthesiologists' & Perfusion corner

J. Vuckovic (SER) - Important MICS considerations for anesthesiologists

Beograd - Perioperative analgesia

Miha Antonic (SLO)- MiniECC: a step towards full minimally invasive program

A. Milosavljevic (SER) - Cannulation strategies for MICS

Prof. Dr. Farhad Bakhtiary: Revolutionizing Cardiac Surgery with Minimally Invasive Techniques

Prof. Dr. Farhad Bakhtiary, the newly appointed director of the cardiac surgery clinic at the University Hospital of Bonn, embodies a commitment to excellence and innovation in the field of cardiac surgery. With a profound fascination for the intricacies of the human heart, Prof. Bakhtiary's journey into cardiac surgery was driven by an unwavering passion for advancing patient care.

Specializing in minimally invasive procedures, Prof. Bakhtiary stands at the forefront of surgical innovation, prioritizing techniques that are gentler and more effective for patients. His tenure at the Helios Clinics in Siegburg and Wuppertal, coupled with his role as chair of cardiac surgery at the University of Witten/Herdecke, provided him with a rich tapestry of experience and expertise.

At the University Hospital of Bonn, Prof. Bakhtiary aims to expand the realm of minimally invasive cardiac surgery, leveraging cutting-edge technology such as 3D cameras to perform procedures with unparalleled precision. His conviction in the superiority of minimally invasive techniques stems from their ability to minimize trauma and expedite recovery, ultimately enhancing patients' quality of life.

For Prof. Bakhtiary, patient welfare is paramount. He approaches each case with a singular focus on determining the most beneficial course of action, often opting for minimally invasive procedures when feasible. His commitment to patient-centric care is evident in his belief that successful treatment extends beyond surgical success to encompass the restoration of patients' overall well-being.

In every endeavor, Prof. Bakhtiary's passion for his work shines through. His unwavering dedication to advancing cardiac surgery through minimally invasive techniques reflects not only a commitment to his profession but a deep-seated desire to make a meaningful difference in the lives of his patients. As he aptly puts it, being a doctor is not just a job but a calling—one that he embraces wholeheartedly in his quest to redefine the future of cardiac surgery.

Jeno Szolnoky: Transforming Cardiac Surgery Through Mastery and Innovation

In the heart of Budapest, Jeno Szolnoky, the Head of Cardiac Surgery at GOKVI Hospital, stands as a trailblazer, reshaping the landscape of cardiac surgery with a relentless commitment to minimally invasive procedures. His expertise spans various specialized domains, reflecting a profound dedication to patient-centric care and surgical innovation.

Szolnoky's professional journey is defined by a visionary approach, emphasizing transformative techniques in cardiac surgery. His special interests encompass minimally invasive cardiac surgery, valve reconstruction, total arterial revascularization for coronary heart disease, and beating heart surgery. These areas signify a departure from traditional paradigms, aligning with Szolnoky's vision of advancing surgical practices for enhanced patient outcomes.

At the core of Szolnoky's legacy is a commitment to minimally invasive cardiac surgery, an approach that prioritizes patient well-being by minimizing surgical trauma. His dedication to this field signifies a visionary drive to evolve traditional cardiac surgery paradigms.

Mastery in valve reconstruction is a hallmark of Szolnoky's expertise. His surgical interventions in this domain showcase a commitment to restoring optimal heart function through meticulous and advanced procedures, reflecting his pursuit of excellence in every aspect of cardiac care.

Addressing the prevalent cardiovascular challenge of coronary heart disease, Szolnoky pioneers total arterial revascularization techniques. This comprehensive approach signifies a paradigm shift in the treatment of coronary conditions, underscoring Szolnoky's commitment to providing holistic solutions for his patients.

Engaging in beating heart surgery, Szolnoky showcases his commitment to innovation. This technique, avoiding the use of a heart-lung machine, emphasizes his dedication to advancing patient outcomes while minimizing the impact of surgical interventions on the body.

Prof. Dr. Nermir Granov:
A Visionary Pioneer in Minimally Invasive Cardiac Surgery

In the field of cardiac surgery, Prof. Dr. Nermir Granov, the Cardiovascular surgeon and Director of Surgery at the Clinical Centre University of Sarajevo, stands as a true pioneer, reshaping the landscape through his groundbreaking work in minimally invasive procedures. Prof. Granov's expertise extends far beyond conventional approaches, as he has demonstrated an exceptional ability to perform almost any type of cardiac procedure using remarkably small incisions, marking a paradigm shift in the world of cardiovascular surgery.

At the helm of the Clinical Centre University of Sarajevo, Prof. Granov has become synonymous with innovation and excellence in minimally invasive cardiac surgery. His visionary approach has redefined possibilities, enabling patients to experience the benefits of advanced surgical techniques with significantly reduced postoperative trauma.

What sets Prof. Granov apart is his remarkable proficiency in performing a wide array of cardiac procedures through minimal incisions. This distinctive skill not only underscores his mastery in the operating room but also signifies a transformative approach to patient care. Through his expertise, patients can now undergo complex cardiac surgeries with the assurance of smaller incisions, quicker recovery times, and enhanced overall well-being.

Beyond his role at the Clinical Centre, Prof. Granov is associated with LSI, a company dedicated to designing cutting-edge devices that facilitate smaller incisions and yield superior surgical outcomes. His affiliation with LSI reflects a commitment to advancing the field of minimally invasive cardiac surgery not only through hands-on practice but also through the development of state-of-the-art technologies that push the boundaries of what is possible.

As a cardiovascular surgeon with a vision for the future, Prof. Granov's impact extends beyond the operating room. His dedication to pushing the limits of minimally invasive techniques has not only transformed patient experiences but has also set a new standard for the industry. His leadership at the Clinical Centre and collaboration with LSI position him at the forefront of advancing cardiac surgery, contributing to a future where patients can benefit from groundbreaking procedures that prioritize both effectiveness and minimally invasive approaches.

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Novi Sad, 9-10 May 2024

Thursday (9th May 2024)		
9:00 - 9:30	**Opening ceremony**	
9:30 - 10:30	**Aortic valve stenosis – state of the art** (Chairmen: M. Petricevic, S. Kostovski, N. Sobot)	
	Marko Banovic (SER)	Insights from the AVATAR trial and beyond
	Aleksandra Ilic (SER)	Echocardiography for Aortic valve disease: State of the art
	Milos Matkovic (SER)	Ministernotomy vs RAT
	Mila Kovacevic (SER)	TAVR vs SAVR
	Discussion (10 minutes)	
10:30 - 10:45	**Coffee break**	
10:45 - 12:00	**Live Surgery – Prof. F. Bakhtiary – MicroAVR** (Chairmen: N. Granov, L. Velicki)	
12:00 - 13:00	**Minimally invasive valve surgery** (Chairmen: S. Micovic, M. Antonic)	
	Nermir Granov (BIH)	ReDo mini AVR cases
	Theodor Cebotaru (ROM)	Minimally invasive endoscopic tricuspid valve surgery
	Krzysztof Wrobel (POL)	Robotic valve surgery
	Ivan Stojanovic (SER)	Neo Chordae in mitral valve reconstruction
	Discussion (10 minutes)	
13:00 - 13:15	**Sponsored lecture – satellite symposia - CORCYM**	
13:15 - 14:15	**Lunch Break**	
14:15 - 15:30	**LIVE IN A BOX** (Chairmen: F. Bakhtiary, S. Putnik, A. Redzek)	
	Jeno Szolnoky (HUN)	Totally endoscopic mitral valve repair
	Lazar Velicki (SER)	Minimally invasive mitral valve repair after TAVR
	Nermir Granov (BIH)	Endoscopic multiple valve surgery
	Slobodan Micovic (SER)	Minimally invasive AVR using sutureless valves
	Discussion (15 minutes)	
15:30 - 15:45	**Sponsored lecture – satellite symposia - LSI – Use of automated suturing devices (RAM Device, EasySaw, Cor-KNOT)**	
15:45 - 16:00	**Coffee break**	
16:00 - 17:00	**Keynote lectures** (Chairmen: I. Rudez, A. Radovic)	
	Konstantinos Perreas (GRE)	Endo AVR: lessons learnt and my current best choices
	Milan Milojevic (SER)	Aortic Valve Disease and Treatment: Key Messages from the Contemporary ESC/EACTS Guidelines and the Impact of National Registries in Patient Care
19:30 -	**Dinner (Caffe Boat Zeppelin Novi Sad)**	

		Friday (10th May 2024)
09:00 - 09:45	**Evolving opportunities** (Chairmen: L. Velicki, P. Suwalski)	
	Danko Grujic (SER)	TAR MICS-CABG aortic no touch technique
	Igor Rudez (CRO)	Reconstructive surgery of the aortic valve – minimally invasive approach?
	Miha Antonic (SLO)	Minimally invasive mitral valve program: Maribor experience
	Discussion (10 minutes)	
9:45 - 10:15	**Keynote lecture** (Chairman: M. Antonic)	
	Farhad Bakhtiary (GER)	Journey from full sternotomy to micro access AVR surgery
10:15 - 10:30	**Coffee break**	
10:30 - 11:15	**Minimally invasive cardiac surgery** (Chairmen: N. Granov, J. Szolnoky)	
	Marco Solinas (ITA)	New opportunities in minimally invasive cardiac surgery and cost effectiveness of minimally invasive approach
	Piotr Suwalski (POL)	Minimally invasive atrial fibrillation surgery
	Hrvoje Gasparovic (CRO)	Is there a way industry can help improve MICS program
	Discussion (10 minutes)	
11:15 - 11:30	**Sponsored lecture – satellite symposia - Medtronic – Avalus valve and Ti-CRON sutures: a perfect match**	
11:30 - 11:45	**Coffee break**	
11:45 - 12:50	**Anesthesiologists' & Perfusion corner** (Chairmen: M. Matkovic, N. Kalinic)	
	Dejan Markovic (SER)	Perioperative analgesia: focus on minimally invasive cardiac surgery
	Jelena Vuckovic (SER)	Important MICS considerations for anesthesiologists
	Anze Djordjevic (SLO)	MiniECC: a step towards full minimally invasive program
	Aleksandar Milosavljevic (SER)	Cannulation strategies for MICS
	Mirko Todic (SER)	DO_2 guided perfusion
	Discussion (10 minutes)	
12:50 - 13:00	**Closing remarks**	