



THE WORLD SOCIETY OF CARDIO-THORACIC
SURGEONS CONGRESS

WSCTS
PRAGUE 2025
CZECH REPUBLIC

ORGANIZED BY



FINAL PROGRAMME

WSCTS 2025 PROGRAMME

Tuesday, 2 September 2025

Main Hall–Hall 1

10:00–11:00 Opening & Welcome Session

- 10:00–10:30 **Welcome Address**
Jan Pirk; Hermann Reichenspurner; Vipin Zamvar
- 10:30–11:00 **Presidential address and Medal ceremony**
José L. Pomar (Spain)

11:00–11:30 Keynote lecture: Revival of the Ross Procedure
Jan Vojáček (Czech Republic)
11:30–12:45 Scientific session I: Valve Surgery
Chairs: Rimantas Benetis (Lithuania); Jan Vojáček (Czech Republic)

- 11:30–11:45 **Beating heart harvesting of pulmonary autograft for the Ross procedure** (ID 59)
Johannes Petersen (Germany)
- 11:45–12:00 **Totally endoscopic mitral valve replacement: reasons for non-feasibility of repair at a high-volume single center** (ID 30)
Friedrich Sobik (Germany)
- 12:00–12:15 **Is it time to switch to a scientific approach for annuloplasty sizing? Current update on the innovation development process for a 'physiologic' mitral annuloplasty ring sizer** (ID 44)
Nicola Dobrilovic (United States)
- 12:15–12:30 **The outcomes of aortic root surgery in Asian population with Marfan syndrome** (ID 57)
Gurpreet Singh (Sri Lanka)
- 12:30–12:45 **The Future of Ozaki Operation – Construction of the Aortic Valve**
Jaroslav Benedík (Czech Republic)

12:45–14:00 Lunch break

14:00–15:00 Scientific session II: Coronary Artery Disease and Arrhythmia
Chairs: Vipin Zamvar (United Kingdom); Surendra Agarwal (India)

- 14:00–14:15 **CABG – on-pump or off-pump approach?**
Vipin Zamvar (United Kingdom)
- 14:15–14:30 **Guidelines for myocardial revascularisation**
Surendra Agarwal (India)
- 14:30–14:45 **Closed atrium bipolar radiofrequency box lesion for concomitant surgical atrial fibrillation ablation** (ID 49)
Simon Pecha (Germany)
- 14:45–15:00 **Discussion**
- 15:00–15:30 Break/ commercial exhibition/ poster viewing

15:30–17:15 Scientific session III: Heart Transplantation and Heart Failure
Chairs: Hermann Reichenspurner (Germany); Yuriy Pia (Kazakhstan)

- 15:30–15:55 **Current state and future perspectives of Heart Transplantation**
Hermann Reichenspurner (Germany)
- 15:55–16:15 **Development of Heart Transplantation in Kazakhstan**
Yuriy Pia (Kazakhstan)
- 16:15–16:30 **Can the PREDICTA score assess length of survival post heart transplant?** (ID 7)
David Varghese (United Kingdom)
- 16:30–16:45 **Propensity matched review of the outcomes after Orthotopic Heart Transplantation (OHT) by a novel implantation perfusion technique that eliminates Warm Ischaemic Time (WIT)** (ID 11)
David Varghese (United Kingdom)
- 16:45–17:00 **Impact of left ventricular unloading on venoarterial extracorporeal membrane oxygenation support prior to left ventricular assist device implantation**
Oliver D. Bhadra (Germany)
- 17:00–17:15 **Redefining the Gold Standard: Outcomes of durable LVADs in HeartMate 3 Era**
Peter Ivák (Czech Republic)

17:15–18:15 Welcome Reception
Wednesday, 3 September 2025

Main Hall – Hall 1

09:00–10:15 Scientific session IV: My Nightmare in Cardiac Surgery / How I Do It
Chairs: José L. Pomar (Spain); Viktor Zlocha (Czech Republic)

- 09:00–09:15 **Specifics and Specific Differences of My Approach to Endoscopic Mitral Repair**
Ludwig Müller (Austria)
- 09:15–09:30 **Aortic valve repair in neonates and children**
Boulos Asfour (Germany)
- 09:30–09:45 **The Surgeon–Patient Relationship: Is It Disappearing?**
José L. Pomar (Spain)
- 09:45–10:00 **Samurai Technique in Aortic Surgery – Direct True Lumen Cannulation for Acute Aortic Dissection and Aneurysm**
Rimantas Benetis (Lithuania)
- 10:00–10:15 **Pulmonary embolism together with a thrombus trapped in a foramen ovale, 3 patients 3 different scenarios**
Viktor Zlocha (Czech Republic)
- 10:15–10:30 Coffee break/ commercial exhibition/ poster viewing

10:30–11:30 Scientific session V: Thoracic I**Chairs:** Jiří Pozniak (Czech Republic); Peter AF Guirguis (United Kingdom)10:30–10:45 **Lung Transplantation in the Czech Republic***Jiří Pozniak (Czech Republic)*10:45–11:00 **Minimally invasive management of subcutaneous emphysema using negative pressure therapy: A retrospective study (ID 38)***Peter AF Guirguis (United Kingdom)*11:00–11:15 **Perioperative, oncological and survival outcomes following minimally invasive versus open thymectomy: 20-year experience of a single centre (ID 26)***Matthew Webb (United Kingdom)*11:15–11:30 **Segmentectomy versus lobectomy for clinical stage IA1–2 peripheral non-small cell lung cancer: Comparative analysis of oncological outcomes in high and low-risk tumours***Patrick Deniz Hurley (United Kingdom)***11:30–12:15 Commented Poster Session****Chairs:** David Varghese (United Kingdom); José L. Pomar (Spain); Peter Ivák (Czech Republic)12:15–13:15 **Lunch break**12:15–13:15 **Annual General Meeting***Main Hall – Hall 1***13:15–14:45 Scientific session VI: Thoracic II****Chairs:** Jiří Pozniak (Czech Republic); Peter AF Guirguis (United Kingdom)13:15–13:30 **Psoas muscle index as a novel measure of frailty and predictor of post-operative outcome in octogenarians with non-small cell lung cancer (ID 4)***Hiral Jhala (United Kingdom)*13:30–13:45 **Stereotactic Ablative Radiotherapy (SABR) versus surgery in octogenarian patients with early-stage lung cancer—propensity matched study (ID 19)***Ghaith Qsous (United Kingdom)*13:45–14:00 **Clinical and radiological markers for predicting pCR and MPR in NSCLC: A multicenter study of neoadjuvant chemoimmunotherapy (ID 18)***Mengzhe Zhang (China)*14:00–14:15 **Surveillance strategy for lung cancer and thymoma: chest x-ray or CT scan? (ID 23)***Peter AF Guirguis (United Kingdom)*14:15–14:30 **Perioperative outcomes in patients with Interstitial lung disease after lung resection: A single-center experience (ID 28)***Ghaith Qsous (United Kingdom)*14:30–14:45 **Application of sternal tumor resection and sternal reconstruction device (ID 1)***Wenzhang Wang (China)*14:45–15:15 **Coffee Break/ Commercial Exhibition/ poster viewing****15:15–16:45 Scientific session VII: Congenital Cardiac Surgery****Chairs:** Afksendiyos Kalangos (Switzerland); Roman Gebauer (Czech Republic)15:15–15:30 **Long-term results of balloon valvuloplasty in congenital aortic valve stenosis***Ondřej Materna (Czech Republic)*15:30–15:45 **Pediatric Ross procedure***Petr Bukovský (Czech Republic)*15:45–16:00 **GUCh surgery***Afksendiyos Kalangos (Switzerland)*16:00–16:15 **Era of Enhanced Recovery after Surgery (ERAS): lessons learned from a quality improvement initiative assessment of a pediatric health centre's Atrial Septal Defect Care Map (ID 21)***Tatiana El-Rabahi (Canada)*16:15–16:30 **Clinical experience of reoperative right ventricular outflow tract reconstruction with valved conduits: risk factors for conduit failure in long-term follow-up (ID 48)***Mariia Havova (Czech Republic)*16:30–16:45 **The double switch operation – optimal preconditions and midterm outcomes***Joachim Photiadis (Germany)*16:45–17:00 **Break/ commercial exhibition/ poster viewing****17:00–18:00 Scientific session VIII: Thoracic Aorta****Chairs:** Sandra Rečičárová (Czech Republic); Jan Vojáček (Czech Republic)17:00–17:15 **Exploration of aortic anastomosis through in vitro studies: a clinical-engineering correlation (ID 55)***Sandra Rečičárová (Czech Republic)*17:15–17:30 **Optimal circulatory arrest temperature for total aortic arch replacement: Result of a multicenter retrospective cohort study (ID 29)***Yeting Lou (China)*17:30–17:45 **The Frozen Elephant Trunk Operation – 4 Years Experience from single Institution (ID 34)***Alina Liubarets (Ukraine)*17:45–18:00 **Single centre approach to treating bicuspid aortic valve related aortic root and ascending aneurysm: replace or spare the root? (ID 58)***Gurpreet Singh (Sri Lanka)***19:00 Congress Dinner**

Thursday, 4 September 2025

Main Hall – Hall 1

09:00–10:30 Scientific session IX: Minimally Invasive Surgery**Chairs:** Štěpán Černý (Czech Republic)

- 09:00–09:15 **Teaching minimally invasive v valve surgery in the era of 3D endoscopy**
Ludwig Müller (Austria)
- 09:15–09:30 **Developments in fully endoscopic heart valve surgery**
Hermann Reichenspurner (Germany)
- 09:30–09:45 **Development of robotic surgery program in Prague**
Štěpán Černý (Czech Republic)
- 09:45–10:00 **Today possibilities (or Budweis experiences) in catheter-based treatment of structural heart disease in cardiac surgery**
Aleš Mokráček (Czech Republic)
- 10:00–10:15 **Starting robotic program in the setting of a newly established cardiac centre. Initial experience from Košice Saca cardiac centre**
Daniel Turek (Slovakia)
- 10:15–10:30 **Comprehensive experience with 180 minimally invasive cardiac surgeries: a single centre journey in a year across full surgical spectrum (ID 27)**
Harish Badami (India)

10:30–11:15 Coffee break

11:15– 12:15 Scientific session X: General Cardiac Surgery**Chairs:** Sotirios Prapas (Greece); Vipin Zamvar (United Kingdom)

- 11:15–11:30 **Clinical experience with the use of Cerdak bioceramic wound dressings in the treatment of early infections and chronic wounds**
Dushan Michael Kolesár (Czech Republic)
- 11:30–11:45 **Impella 5.5 Smart in cardiac surgery clinic of University Hospital Hradec Králové – initial experience (ID 60)**
Andrej Myjavec (Czech Republic)
- 11:45–12:00 **Impact of psychological resilience on recovery after open heart surgery: Analysis of 195 cases (ID 61)**
Mehmet Gül (Turkey)
- 12:00–12:15 **Diagnostic and therapeutic capabilities of the ceramic dressing CERDAK™ in infected wounds**
Marián Piš (Slovakia), Ján Tomka (Slovakia)

12:15–12:30 Closing Ceremony**LIST OF POSTERS****Wednesday, 3 September 2025;
11:30 – 12:15; POSTER AREA**

- P-01 **Glimpses of aortic surgeries – The diversity and challenges (ID 25)**
Syed Shahabuddin (Pakistan)
- P-02 **Treatment of complex aortic arch pathology by FET technique, experience the first 40 consecutive operations (ID 50)**
Vitalii Kravchenko (Ukraine)
- P-03 **A novel needle-type Intracorporeal assembly endoscopic forceps applied for periareolar VATS (ID 22)**
Zhangfan Mao (China)
- P-04 **Anticoagulant therapy: a must following prosthetic valve replacement? (ID 62)**
Samar Hannan (India)
- P-05 **Totally endoscopic mitral valve replacement: reasons for non-feasibility of repair at a high-volume single center (ID 30)**
Friedrich Sobik (Germany)
- P-06 **Evolution of endoscopic mitral valve surgery over a 11-year period at a high-volume center (ID32)**
Jonas Pausch (Germany)
- P-07 **Continuous postoperative pericardial flushing reduces the risk of bleeding after elective adult cardiac surgery – a study-level metanalysis (ID 5)**
Hiral Jhala (United Kingdom)
- P-08 **A carotid–axillary bypass using a prosthetic graft via the retroclavicular route may pose a risk of brachial plexus injury (ID 64)**
Yoshiei Shimamura (Japan)
- P-09 **Cardiac tamponade as a consequence of road traffic accidents: case report (ID 10)**
Azri Haji (Iraq)
- P-10 **Evaluation of the SAFINOUS score for the guidance of anti-platelet therapy after coronary artery bypass grafting (ID 6)**
Ramanish Ravishankar (United Kingdom)
- P-11 **The impact of heart valve replacement surgery start time on patients with rheumatic heart disease (ID17)**
Chonggang Wang (China)

- P-12 **Comparing compensatory sweating after video-assisted thoracoscopic sympathectomy: (T2-3) versus (T2-4) levels for treating palmar hyperhidrosis (ID 24)**
Peter Guirguis (Egypt)
- P-13 **Cardiac hemangioma: a case report (ID 47)**
Mariia Havova (Czech Republic)



CONGRESS INFORMATION

CONGRESS VENUE

City Conference Centre (KCC – Konferenční centrum City), Na Strži 65, Prague 4

CONGRESS SECRETARIAT

GUARANT International spol. s r. o.

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OPENING HOURS OF THE REGISTRATION DESK

2 September 2025: 08:30–17:30

3 September 2025: 08:00–18:00

4 September 2025: 08:30–13:00

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WI-FI

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AUSPICES



doc. MUDr. **Bohuslav Svoboda**, CSc.
The Mayor of the Capital City of Prague



THE 33RD CONGRESS OF THE WORLD SOCIETY OF
CARDIOVASCULAR AND THORACIC SURGEONS

WSCTS
PRAGUE 2025
CZECH REPUBLIC

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