

# PROGRAM 13<sup>th</sup> THT CONFERENCE 2026

Warsaw, Poland • 4–6 March 2026

## WEDNESDAY

4 March 2026

### Pre-conference Workshops

#### THT IMAGING

##### CT for TAVI

##### *Hands-On Training Workshop with 3mensio Structural Heart*

<b>Date</b>	Wednesday, 4 March 2026   15:00 – 19:00
<b>Venue</b>	NYX Hotel Warsaw, Poland
<b>Format</b>	Hands-on workshop   20 participants   Individual <b>3mensio</b> workstations
<b>Faculty</b>	Joanna Nawara   Bartłomiej Rymuza   Radosław Parma

#### ABOUT THIS WORKSHOP

This intensive hands-on workshop takes you step by step through CT analysis for TAVI planning using the latest 3mensio Structural Heart software. Working on individual workstations with real clinical datasets, you will master the complete analysis workflow — from annular sizing and prosthesis selection, through aortic root evaluation and coronary obstruction risk assessment, to peripheral access planning and challenging anatomies. Each module combines a focused live demonstration followed by supervised hands-on practice.

#### LEARNING OBJECTIVES

- ▶ Navigate 3mensio Structural Heart and execute the complete TAVI CT workflow
- ▶ Perform accurate aortic annulus measurements and derive prosthesis size
- ▶ Evaluate sinus dimensions, coronary heights, and risk of coronary obstruction
- ▶ Assess calcification burden of the valve, LVOT, and membranous septum
- ▶ Plan peripheral access: iliofemoral diameter, tortuosity, calcification, and alternative routes
- ▶ Determine optimal C-arm projection angles for implantation
- ▶ Recognise and manage challenging anatomies: bicuspid valves, ViV, low coronaries, horizontal aorta

## DETAILED PROGRAMME

Wednesday, 4 March 2026 | 15:00 – 19:00 | NYX Hotel Warsaw

TIME	TOPIC	FACULTY
<b>SESSION 1 — 3MENSIO INTERFACE &amp; ANNULUS SIZING</b>		
15:00	<b>Welcome &amp; Workstation Setup</b> <i>Workshop objectives, software login, dataset overview</i>	
15:10	<b>3mensio Structural Heart: Interface &amp; TAVI Workflow</b> <i>Software navigation, dataset loading, automatic aortic root detection, manual corrections, multi-phase review. Live demonstration on screen.</i>	R. Parma
15:25	<b>Aortic Annulus Assessment — The Key Measurement</b> <i>Annular plane identification and verification, perimeter-derived &amp; area-derived diameters, Dmin/Dmax ratio, eccentricity index. Cover index and prosthesis size selection. Live demo + discussion of measurement pitfalls.</i>	B. Rymuza
15:50	<b>Hands-On: Annulus Sizing</b> <i>Participants analyse 3 cases on individual workstations. Faculty circulates. Group comparison of measurements and sizing decisions.</i>	All Faculty
16:20	 <b>COFFEE BREAK</b>	
<b>SESSION 2 — AORTIC ROOT &amp; CORONARY RISK</b>		
16:40	<b>Aortic Root: Complete Evaluation</b> <i>Sinus of Valsalva dimensions (height &amp; width per cusp), sinotubular junction, ascending aorta diameter, LVOT assessment. Calcification mapping: cusp calcification, LVOT calcium, annular calcification — quantification and clinical significance.</i>	J. Nawara
17:00	<b>Coronary Height &amp; Risk of Coronary Obstruction</b> <i>Left and right coronary ostium height measurement, sinus width, valve-to-coronary (VTC) distance, virtual THV implantation simulation in 3mensio, cusp length and calcification impact. BASILICA considerations.</i>	B. Rymuza
17:15	<b>Membranous Septum &amp; Conduction Risk</b> <i>Measurement of membranous septum length, relationship to annular plane and planned implantation depth. Predicting conduction disturbances after TAVI.</i>	R. Parma
17:25	<b>Hands-On: Root, Coronaries &amp; Conduction Assessment</b> <i>Participants work through 2–3 cases: full root measurements, coronary height evaluation, VTC distance, calcification mapping, membranous septum. Faculty-guided discussion of findings.</i>	All Faculty
17:55	 <b>COFFEE BREAK</b>	
<b>SESSION 3 — ACCESS PLANNING &amp; C-ARM ANGLES</b>		
18:10	<b>Peripheral Access Route Evaluation</b> <i>Iliofemoral centreline tracking in 3mensio, minimum lumen diameter, calcification and tortuosity assessment. Sheath-to-MFAD ratio. Alternative access evaluation: subclavian/axillary, carotid. Aortic atheroma and angulation.</i>	R. Parma

TIME	TOPIC	FACULTY
18:25	<b>Optimal C-Arm Angulation for Implantation</b> <i>3mensio projection planning: perpendicular-to-annulus view, cusp-overlap projection for self-expanding valves, coplanar view. Exporting projection angles for the cath lab.</i>	J. Nawara
18:35	<b>Hands-On: Access &amp; Projections</b> <i>Participants analyse access routes and plan C-arm angles for 2 cases. Faculty reviews individual results.</i>	All Faculty
<b>SESSION 4 — CHALLENGING CASES &amp; WRAP-UP</b>		
18:45	<b>Challenging Anatomies: Interactive Cases</b> <i>Bicuspid aortic valve (Sievers classification on CT, sizing considerations), valve-in-valve (CT for failed bioprosthesis, ID-based sizing), low coronary ostia, horizontal aorta, heavily calcified LVOT, small annulus. Case-based discussion — participants work through cases in 3mensio and present their analysis.</i>	All Faculty
18:55	<b>Take-Home Messages &amp; Certificates</b> <i>Key measurement checklist, common pitfalls, certificate distribution</i>	
19:00	<b>END OF WORKSHOP</b>	

#### FACULTY

Joanna Nawara, MD

Bartłomiej Rymuza, MD, PhD

Radosław Parma, MD, PhD, FESC

#### SUPPORT & ACKNOWLEDGEMENT

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Advisory support: **Pie Medical Imaging B.V.**, Maastricht, The Netherlands

*The content of this educational event was developed independently by the faculty. The sponsors had no influence on the scientific programme.*

# THURSDAY

5 March 2026 • TAVI Day

08:00 Start

09:30 Coffee

12:45 Lunch

18:00 Close

MAIN ROOM

## 8.00-9.30 THT Disaster University: TAVI Complications

Chair: R. Parma, M. Dabrowski, Piotr Suwalski, Piotr Olszówka

Panellists: \_\_\_\_\_

### Join us if you want:

- To recognise life-threatening TAVI complications requiring immediate intervention
- To apply structured bailout strategies for annular rupture, coronary obstruction, and embolisation
- To decide when to convert to surgery versus attempt percutaneous salvage

### Programme (10 min case + 5 min panel)

Time	Topic	Speaker
08:00	Case 1:	Radosław Pracon
08:15	Case 2:	Tomasz Pawłowski
08:30	Case 3:	
08:45	Case 4:	
09:00	Case 5: Tendyne	Piotr Kubler;
09:15	Case 6:	Paweł Kleczyński;

10:00 – 11:15 • 75 min

*Tutorial*

## Index TAVI for a Lifetime: Planning the First Valve

**Chair:** Jacek Legutko - [jacek.legutko@uj.edu.pl](mailto:jacek.legutko@uj.edu.pl);

**Panellists:** Sławomir Dobrzycki -

### Join us if you want:

- To select THV type and size at index procedure to optimise future options
- To apply commissural alignment techniques to preserve coronary access
- To minimise conduction disturbances using cusp-overlap and optimal depth

### Programme (10 min + 5 min discussion)

Time	Topic	Speaker
10:00	Lifetime management philosophy: thinking beyond the first valve	Michał Zembala
10:15	THV selection for repeatability: size, type, and frame height	Luca Naifovino
10:30	Commissural alignment at index: techniques and targets	Gintas Bielauskas
10:45	Cusp-overlap and MIDAS: reducing pacemaker rates	TBD
11:00	Preserving coronary access: practical CT-guided approach	Rafał Wolny

11:30 – 12:45 • 75 min

*Opening Ceremony & State of the Art*

## Conference Opening & State of TAVI 2026

**Chair:** Adam Witkowski, Andrzej Ochała, Radosław Parma, Maciej Dąbrowski

**Panellists:** \_\_\_\_\_

### Join us if you want:

- To translate long-term trial outcomes into practical patient selection changes
- To discuss the real-world implications of 5–7 year durability data
- To define which patients benefit most from TAVI vs SAVR based on 2025 evidence

**Programme** (10 min + 5 min discussion)

Time	Topic	Speaker
11:30	Conference Opening & Polish TAVI Registry 2025	AW, AO, RP, MD; Bernard Predegast
11:45	PARTNER 3 & Evolut 5–7 year data: what changes now?	Adam Witkowski
12:00		
12:15	Age 70 threshold: who should we really be treating?	Wojciech Wojakowski
12:30	"Young, Stenotic, and Complicated: TAVI or SAVR?"	Dariusz Jagielak

**13:30 – 14:45 • 75 min**

*Tutorial*

**TAVI in Failed Surgical Bioprosthesis (Valve-in-Valve)**

**Chair:** Dariusz Dudek

**Panellists:** Radosław Gocół, Marcin Protasiewicz

**Join us if you want:**

- To recognise high-risk valve-in-valve anatomies using CT planning
- To select optimal THV type and size for different surgical prostheses
- To apply BASILICA and bioprosthesis fracturing techniques safely

**Programme** (10 min + 5 min discussion)

Time	Topic	Speaker
13:30	Lifetime approach: choosing the first surgical bioprosthesis	Marcin Misterski;
13:45	CT assessment: identifying high-risk ViV cases	Joanna Nawara
14:00	THV selection and sizing for stented vs stentless valves	Jeremi Ben Shoshan;
14:15	BASILICA for coronary protection: step-by-step	Azeem Latib
14:30	Bioprosthesis fracturing: when, how, and outcomes	Janusz Kochman

**15:00 – 16:15 • 75 min***Case-based Discussion***Redo TAVI and TAV-in-TAV Strategies****Chair:** Radosław Parma, Zenon Huczek**Panellists:** Bartosz Rymuza, Damian Perlinski**Join us if you want:**

- To plan redo TAVI using CT-derived commissural and coronary alignment
- To apply techniques to prevent sinus sequestration and coronary obstruction
- To know when surgical THV explantation is necessary

**Programme** (10 min + 5 min discussion)

Time	Topic	Speaker
15:00	CT parameters essential for redo TAVI planning	Radosław Parma
15:15	TAV-in-TAV techniques: preventing sinus sequestration	Zenon Huczek
15:30	UNICORN in redo TAVI: feasibility and limitations	Alesandro Beneduce;
15:45	TAV-in-TAV outcomes	Daniel Blackman;
16:00	Surgical THV explantation: indications and techniques	Gilbert Tang;



# FRIDAY

6 March 2026

08:00 Start

09:30 Coffee

13:00 Lunch

15:45 Close

## 8.00- 9.00 THT Disaster University: Non-Aortic Complications

Chair: \_\_\_\_\_

Panellists: Patrycjusz Stokłosa

### Join us if you want:

- To recognise life-threatening complications in mitral, tricuspid, and LAA procedures
- To apply structured bailout strategies for device failure and embolisation
- To decide when to convert strategy or abort the procedure

### Programme (10 min + 5 min discussion)

Time	Topic	Speaker
08:00	Mitral TEER complications and bailout strategies	Michał Kosowski - Wrocław;
08:15	Pulmonary valve and new developments	TBD
08:30	Tricuspid TEER complications and bailout strategies	Natalia Ziełńska – Gdańsk
08:45	Tricuspid TTVR complication and bailout strategies	Maciej Skubera - Kraków;

09:00 – 09:30 • 30 min

Registry Data

## Polish SHD Practice: National Experience Beyond TAVI

**Chair:** Jarosław Trębacz -

**Panellists:** Zbigniew Chmielak; Radomir Skowronek

### Join us if you want:

- To benchmark Polish mitral, tricuspid, and LAA volumes against Europe
- To identify gaps in access, training, and outcomes
- To define strategic priorities for national programme expansion

### Programme (10 min + 5 min discussion)

Time	Topic	Speaker
09:00	Mitral, tricuspid, and LAA volumes: 2025 registry	Marek Grygier;
09:15	Outcomes analysis and unmet clinical needs	Wojciech Wojakowski

10:00 – 11:15 • 75 min

Tutorial

## Mitral Valve Interventions: TEER, TMVR, and Salvage

**Chair:** Jerzy Pręgowski

**Panellists:** Marek Grygier, Marcin Fijałkowski

### Join us if you want:

- To select patients for redo TEER versus conversion to TMVR
- To plan mitral ViV and native TMVR using CT/echo guidance
- To execute device retrieval for embolised valves

### Programme (10 min + 5 min discussion)

Time	Topic	Speaker
10:00	Mitral redo TEER: patient selection and technique	J. Pręgowski;
10:15	Mitral valve-in-valve: CT planning and device choice	D. Gabbieri;
10:30	TMVR with Sapien M3 prosthesis: current recommendations and case presentation	A. Rdzanek;
10:45	TMVR with Tendyne: case and recommendations	T. Witkowski;
11:00	Carillon device In the treatment of secondary mitral regurgitation - an update	T. Siminiak

**11:30 – 13:00 • 90 min**

*Tutorial*

## **Tricuspid and Right Heart Interventions**

**Chair:** Adam Rdzanek, Adam Witkowski

**Panellists:** Ścisło/Gackowski

### **Join us if you want:**

- To select optimal approach: TEER vs TTVR vs heterotopic valves
- To optimise TriClip, PASCAL, and EVOQUE implantation techniques
- To manage right heart device complications and failures

### **Programme** (10 min + 5 min discussion)

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
11:30	Treatment options in patients with iatrogenic TR after pacemaker lead extraction.	Jerzy Pręgowski
11:45	Tricuspid TEER with PASCAL Ace: case comparison	David Zemanek
12:00	TTVR with EVOQUE: patient selection criteria	Adam Rdzanek
12:15	TTVR with CroiValve: heterotopic approach	Wojciech Wojakowski
12:30	Caval valve implantation (TricValve): advanced TR	Radosław Targoński
12:45	Right heart complications: retrieval and surgery	Arkadiusz Pietrasik

**13:45 – 15:15 • 90 min**

*Tutorial*

## **Left Atrial Appendage Occlusion**

**Chair:** Radosław Pracon

**Panellists:** \_\_\_\_\_

### **Join us if you want:**

- To perform Watchman FLX and Amulet implantation step-by-step
- To manage challenging anatomies: chicken-wing, multi-lobe, shallow
- To execute device retrieval for embolised occluders

**Programme** (10 min + 5 min discussion)

Chair Time	Łukasz Lewicki Topic	Speaker
13:30 13:45	Procedure planning based on CT and more Watchman FLX: step-by-step for new operators	T. Bochenek, M. Grygier
14:00	Watchman FLX: challenging anatomies (advanced)	P. Kralisz;
14:15	Amulet: step-by-step for new operators	Maksymilian Mielczarek
14:30	Amulet: multi-lobe and shallow LAA techniques	Ł. Lewicki
14:45	LAmbre: device characteristics and technique	
15:00	LAAO retrieval: percutaneous and surgical	K. Kaczmarek;

SALA B

**Mechanical Circulatory Support in SHD Interventions****Chair:** Jerzy Sacha Janina Stępińska**Panellists:** Robert Gil, Krzysztof Kuśmierski/Jarosław Kuriata**Join us if you want:**

- To select appropriate MCS: Impella, iVAC, or ECMO for high-risk SHD
- To manage haemodynamic collapse during structural procedures
- To determine timing and technique for acute VSD closure

**Programme** (10 min + 5 min discussion)

Time	Topic	Speaker
08:00	Challenges in mechanical circulatory support for SHD	Jerzy Sacha
08:15	Impella CP/5.5 for SHD: case and guidance	Michał Kosowski
08:30	iVAC2L for SHD: haemodynamic management	Tomasz Pawłowski
08:45	VA-ECMO for SHD: initiation and weaning	TBD
09:00	Acute VSD closure: device selection and timing	Grzegorz Smolka

10:00 – 11:15 • 75 min

Tutorial

## Catheter-Based Pulmonary Embolism Interventions

Przewodniczący sesji: A. Araszkiwicz, M. Kurzyna, G. Kopec

Paneliści: Piotr Musiałek (Kraków); , Marek Grabka (Katowice), Stanisław Jankiewicz (Poznań)



### Join us if you want:

- ▶ To stratify PE patients for catheter therapy vs surgery
- ▶ To select between CDT, aspiration, and mechanical thrombectomy
- ▶ To manage massive PE with RV failure and shock



### Programme (10 min + 5 min discussion)

10:00

PERT: registry data and implementation models - A. Araszkiwicz (Poznań);

10:15

Catheter-directed thrombolysis (EKOS/Bashir) - M. Roik (Warszawa);

10:30

Aspiration thrombectomy: Indigo system - M. Kurzyna (Otwock);

10:45

Mechanical thrombectomy: FlowTrievery - J. Stępniewski (Kraków);

11:00

Hybrid approaches and surgical backup - S. Stefaniak (Poznań)

11:30 – 12:45 • 75 min

Tutorial

Sesja: Prevention & Intervention @THT – from procedure to patient trajectory – sesja po polsku

Prowadzenie: Zenon Huczek, Maciej Dąbrowski, Michał Hawranek,

Panel: Anna Kwiecień, Marek Grygier, Adam Rdzanek,

### Programme (10 min + 5 min discussion)

1. Antithrombotic therapy after structural interventions – how to balance thrombosis and bleeding  
Michał Hawranek
2. Treatment of heart failure after structural intervention – preventing the next hospitalization  
Marta Kałużna-Oleksy
3. Multidisciplinary teams in the care of patients after structural heart interventions – from the procedure to long-term outcomes  
Izabella Uchmanowicz
4. Structural heart interventions with quality of life in mind – from survival to patient-centred outcomes  
Radosław Parma