

Agenda

9-th WROclaw Calcified Lesions Advanced Workshop

4-th MEETING of the EURO4C GROUP

Wroclaw, Poland

12-13.01.2023

IBIS STYLES HOTEL & on-line

(National Euro4C Representatives on-line)

Thursday 12.01.2023

14.00 – 15.00 *IVL's Unique Mechanism of Action – Hand's on demonstration*

– workshop organized by Shock-Wave

Presentation on IVL's Unique Mechanism of Action followed by a hands on demonstration.

Presenters:

Prof Ribichini

Dr Nef

Dr M.Sheehan

14.00 – 15.00 **How to perform rotational atherectomy safely – hands-on training organized by Boston Scientific**

Presenters;

Julia Paduch, Boston Scientific

Bartosz Czarniak

15.00 – 15.15 **Welcome and introduction**

- Krzysztof Reczuch and Mirosław Ferenc – Course Directors
- Emanuele Barbato – President of the European Association of Percutaneous Cardiovascular Interventions (on-line)
- Marek Grygier –President of the Association of Percutaneous Cardiovascular Interventions of the Polish Cardiac Society
- Piotr Ponikowski – Rector of the Wroclaw Medical University
- Krzysztof Reczuch – President of Euro4C Group

15.15 – 16.45 **Session 1: The growing problem of coronary calcifications**

Chairmen: M. Abdel-Wahab, B. Vaquerizo

panel: F. Ribichini, L. Bryniarski; M. Ferenc, J. Wójcik, J. Legutko, K. Wilczek, P. Dardas (online)

media driver: P. Kubler

- 1. Coronary calcifications – prevalence and impact on procedural and long-term outcomes**
M. Grygier 7`
- 2. How to detect coronary calcium?**
 - 2.1. Cardiac Computed Tomography – why so useful?**
 - 2.1.1 Clinical perspective**
A. Witkowska 6`
 - 2.1.2. Technical perspective**
P. Wawrzyńczyk 4`
 - 2.2. Angiography – a tool reliable enough?**
M. Hawranek 7`
 - 2.3. Intracoronary imaging - a gold standard**
J. Legutko 8`
Discussion, audience on-site & on-line interaction, Q & A 8`
- 3. Interventional tools for coronary calcified lesions**
 - **Balloon-based techniques**
F. Cuculi 8`
 - **Atherectomy, rotational and orbital**
M. Abdel-Wahab 8`
 - **Lithotripsy**
H. Nef (online) 8`
 - **Excimer laser**
P. Waciński 8`Discussion, audience on-site & on-line interaction, Q & A 18`

16.45-17.00 Coffee break

17.00 – 18.50 Session 2: New EAPCI & Euro4C Position Paper on Calcified Lesions 2022/2023

Chairmen: E. Barbato (online), F. Ribichini

Panel: B. Vaquerizo, M. Ferenc, S. Dobrzycki, M. Abdel-Wahab, J. Legutko,

N. Mezilis (online), P. Dardas (online), J. Palazuelos

media driver: R. Parma

1. Why a new document and what are the main messages?

<i>E. Barbato (online)</i>	15`
2. Optimal management based on angiography	
<i>M. Ferenc</i>	7`
3. Optimal management based on intravascular imaging	
<i>F. Ribichini</i>	8`
4. Specific clinical and anatomical settings – how should we treat according to a new document	
<i>(Case-based co-authors & experts discussion)</i>	
- Chronic total occlusions (CTO)	12`
<i>- introductory case - L. Bryniarski</i>	2`
<i>discussion</i>	
- Bifurcation lesions	12`
<i>- introductory case – J. Legutko</i>	2`
<i>discussion</i>	
- Mechanical support	12`
<i>- introductory case – T. Pawłowski</i>	2`
<i>discussion</i>	
Acute coronary syndromes/thrombotic lesions	20`
<i>- introductory case – M. Hawranek</i>	2`
<i>discussion</i>	
ROCA-STEMI Registry	
<i>B. Vaquerizo</i>	8`
<i>Discussion, Q & A, audience interaction</i>	24`

18.50 – 19.00 Coffee break

19.00- Session 3 Learn from the cases

Chairmen: M. Ferenc, S. Dobrzycki

Panel: T. Pawłowski, T. Roleder, J. Palazuelos, M. Tajstra, P. Kubler, R. Parma

media driver: W. Zimoch

Competition “Calcified lesion PCI - how would I proceed today - what did I learn from my case” – presentation of the 6 finalist cases– 10` per case

Case 1: Percutaneous coronary intervention within the heavily calcified right coronary artery in 69-year-old women with non-ST segment elevation myocardial and extremely low left ventricle ejection fraction complicated by cardiogenic shock

R. Januszek

Case 2: NO one size fits all - which plaque modification technique?

P. Kubler

Case 3: Orbit-Wave-Pella: a case of high-risk protected PCI using orbital atherectomy and intravascular lithotripsy with Impella hemodynamic support.

P. Lis

Case 4: IVL in underexpanded stent

B. Olajossy

Case 5: Orbital or rotational atherectomy in uncrossable lesion - case based experience

G. Sobieszek

Case 6: Rock'n'Roll

K. Ściborski

**on-site & on-line audience voting
Discussion and audience interaction
Nomination of the winner**

20.00 Adjournal

Friday, 13.01.22

8.00 - 9.00 00 IVL's Unique Mechanism of Action – Hand's on demonstration
– workshop organized by Shock-Wave

Presentation on IVL's Unique Mechanism of Action followed by a hands on demonstration.

Presenters:

*Prof Ribichini
Dr Nef
Dr M.Sheehan*

8.00 – 9.00 How to perform rotational atherectomy safely – hands-on training organized by Boston Scientific

Presenters;

*Julia Paduch, Boston Scientific
Bartosz Czarniak*

8.00 – 9.00 HOW TO GO TO THE ORBIT? ORBITAL ATHERECTOMY IN DAILY PRACTICE – HAND'S ON WORKSHOP ORGANIZED BY CSI - PROCARDIA

***Dual mechanism of action: bi-directional differential sending and pulsatile forces.
Proper technique to achieve best results.***

Best practices + tips&tricks.

Presenter: Tony Winters

9.00 – 10.30 Session 4: Live case 1, live in the box 1

Chairmen: F. Ribichini, J. Legutko

Panel:, M. Ferenc, K. Wilczek, R. Przybylski, M. Protasiewicz, J. Palazuelos, A. Ochała

N. Mezilis (online), P. Dardas (online),

Media driver: W. Zajdel

Live cases 2022 - clinical follow – up

M. Kosowski

Part 1. Live case 1 – live transmission from the University Hospital Wroclaw

An 82 y.o. patient with heavily calcified long lesion in LAD

Rotational atherectomy? IVL? Orbital Atherectomy? Combining tools?

Operators: B. Vaquerizo/ P. Kleczyński IVUS/OCT: T. Roleder

Discussion, audience on-site & on-line interaction, Q & A

Part 2.

PCI with rotational atherectomy in heavily calcified lesions - my tips & tricks for younger colleagues

S. Dobrzycki 10`

Rotational atherectomy – complications and problem solving

J. Palazuelos 10`

Rotational atherectomy - Live in the box 1

P. Dardas & N. Mezilis (online) 10`

Discussion, audience on-site & on-line interaction, Q & A

10.30 – 10.45 Coffee break

10.45 – 12.15 Session 5: Live case 2, live in the box 2

Chairmen: F. Ribichini, S. Dobrzycki

Panel: K. Wilczek, L. Bryniarski, R. Przybylski, B. Vaquerizo, W. Zajdel, A. Ochała,

Media driver: P. Kralisz

P. Dardas (on-line), N. Mezilis (on-line)

Part 1. Live case 2 – live transmission from the University Hospital Wroclaw

A 70 y.o. patient with heavily calcified tortuous LAD, end-stage renal disease and aortic aneurysm

Rotational atherectomy? IVL? Orbital atherectomy? Combining tools?

Operators: M. Ferenc, P. Kubler; IVUS/OCT: T. Roleder

Discussion, audience on-site & on-line interaction, Q & A

Part 2.

How to perform IVL in heavily calcified lesions – tips, tricks and complications

F. Ribichini 15`

Orbital atherectomy – complications and problem solving

N. van Mieghem (online) 10`

Orbital Atherectomy - Live in the box 2

J. Legutko 10`

Discussion, audience on-site & on-line interaction, Q & A

12.15 – 13.00 Lunch

13.00 – 14.30 Session 6: Live case 3, live in the box 3

Chairmen: T. Pawłowski, M. Hawranek

Panel: W. Kulickowski, R. Przybylski, J. Legutko, P. Kralisz, N. Mezilis (online), P. Dardas (online)

Media driver: P. Kleczyński

Part 1. Live case 3 – live transmission from the University Hospital Wrocław

A 71 y.o. patient with EF 20%, RCA CTO & heavily calcified critical long ostial LAD and ISR in underexpanded stent in Cx

Mechanical cardiac support? IVL? RA? OA? Combining tools?

Operators: M. Ferenc, P. Kubler; IVUS/OCT: T. Roleder

Discussion, audience on-site & on-line interaction, Q & A

Part 2

PCI with orbital atherectomy in heavily calcified lesions - my tips & tricks for younger colleagues

M. Ferenc

IVL - Live in the Box 3

S. Bartuś on-line

14.30 – 14.45 Coffee break

14.45 – 16.15 Session 7: Learn from the difficult and/or complicated cases

Chairmen: J. Wójcik, A. Ochała

Panel: M. Ferenc, W. Kulickowski, M. Tajstra, R. Przybylski, P. Kleczyński, L. Bryniarski

Media driver: M. Protasiewicz

- 1. Super High-Pressure Balloon OPN NC with TWIN-Wall design**
F. Cuculi (on-line) 8+7
- 2. Recross, Stingray, knuckle wire, external crush – calcifications in CTO – case based solutions**
G. Sobieszek
Sponsored by Biotronik 8+7
- 3. Rotational Atherectomy**
M. Tajstra 8+7
- 4. Lithotripsy**

W. Kuliczkowski

8+7

5. Excimer laser

P. Waciński (on-line)

10+5

- Technical considerations

T. Świerzyński

4`

6. Orbital Atherectomy

M. Ferenc

8+7

Discussion, audience on-site & on-line interaction, Q & A

16.15-16.30 Summary of the Meeting