



Department of Clinical Cardiology and Cardiovascular Interventions
University Hospital in Krakow

Under the patronage of
Association on Cardiovascular Interventions of the Polish Cardiac Society

PINC in Krakow '16

13th Peripheral Interventions Workshop

8 - 10 June 2016

Hotel Qubus
6, Nadwiślańska Street
Kraków, Poland

Workshop Directors:

Stanisław Bartuś, Dariusz Dudek



Invited International Faculty:

Salech Arif, Cardiologist, Krakow, Poland	Michał Nowicki, Nefrologist, Łódź, Poland
Krzysztof Bartuś, Cardiac Surgeon, Krakow, Poland	Andrzej Ochała, Cardiologist, Katowice, Poland
Stanisław Bartuś, Cardiologist, Krakow, Poland	Radosław Parma, Cardiologist, Katowice, Poland
Yvonne Bausback, Cardiologist, Leipzig, Germany	Joanna Pera, Neurologist, Krakow, Poland
Jacek Białkowski, Cardiologist, Zabrze, Poland	Piotr Pieniżek, Cardiologist, Krakow, Poland
Giancarlo Biamino, Cardiologist, Cotignola, Italy	Radosław Pietura, Radiologist, Lublin, Poland
Leszek Bryniarski, Cardiologist, Krakow, Poland	Piotr Podolec, Cardiologist, Krakow, Poland
Paweł Buszman, Cardiologist, Katowice, Poland	Tadeusz J. Popiela, Radiologist, Krakow, Poland
Zbigniew Chmielak, Cardiologist, Warszawa, Poland	Tadeusz Przewłocki, Cardiologist, Krakow, Poland
Michał Chyrchel, Cardiologist, Krakow, Poland	Tomasz Rakowski, Cardiologist, Krakow, Poland
Szymon Darocha, Cardiologist, Otwock, Poland	Agnieszka Roślawiecka, Cardiologist, Krakow, Poland
Jacek S. Dubiel, Cardiologist, Krakow, Poland	Andrzej Rudziński, Cardiologist, Krakow, Poland
Dariusz Dudek, Cardiologist, Krakow, Poland	Zoltan Ruzsa, Cardiologist, Szeged, Hungary
Antoni Ferens, Cardiologist, Krakow, Poland	Andrej Schmidt, Cardiologist, Leipzig, Germany
Zbigniew Gąsior, Cardiologist, Katowice, Poland	Aleksander Sieroń, Cardiologist, Bytom, Poland
Mariusz Gąsior, Cardiologist, Katowice, Poland	Janusz Skalski, Cardiac Surgeon, Krakow, Poland
Tomasz Kameczura, Cardiologist, Sanok, Poland	Włodzimierz Skorupski, Cardiologist, Konin, Poland
Grzegorz Kopeć, Cardiologist, Krakow, Poland	Grzegorz Smolka, Cardiologist, Katowice, Poland
Wanda Król-Jawień, Cardiologist, Krakow, Poland	Andrzej Surdacki, Cardiologist, Krakow, Poland
Wacław Kuczmik, Vascular Surgeon, Katowice, Poland	Malgorzata Szkutnik, Cardiologist, Zabrze, Poland
Jacek Kusa, Cardiologist, Wrocław, Poland	Marcin Świerad, Cardiologist, Zabrze, Poland
Marcin Kurzyna, Cardiologist, Otwock, Poland	Łukasz Tekieli, Cardiologist, Krakow, Poland
Jacek Kuźma, Cardiologist, Krakow, Poland	Tomasz Tokarek, Cardiologist, Krakow, Poland
Istvan Lazar, Radiologist, Miskolc, Hungary	Jarosław Trębacz, Cardiologist, Krakow, Poland
Jacek Legutko, Cardiologist, Krakow, Poland	Mariusz Trystuła, Vascular Surgeon, Krakow, Poland
Tomasz Ludyga, Cardiologist, Katowice, Poland	Piotr Weryński, Cardiologist, Krakow, Poland
Antonio Micari, Cardiologist, Palermo, Italy	Adam Witkowski, Cardiologist, Warszawa, Poland
Krzysztof Milewski, Cardiologist, Katowice, Poland	Wojciech Wojakowski, Cardiologist, Katowice, Poland
Aleksandra Morka, Cardiologist, Krakow, Poland	Joanna Wojtasik, Cardiologist, Krakow, Poland
Tomasz Mroczek, Cardiac Surgeon, Krakow, Poland	Elżbieta Wójcik, Cardiac Surgeon, Krakow, Poland
Piotr Musiałek, Cardiologist, Krakow, Poland	Leszek Wrotniak, Cardiologist, Krakow, Poland
Balazs Nemes, Radiologist, Szeged, Hungary	Barbara Zawiślak, Cardiologist, Krakow, Poland
Rafał Niżankowski, Cardiologist, Krakow, Poland	Krzysztof Żmudka, Cardiologist, Krakow, Poland
Przemysław Nowakowski, Vascular Surgeon, Poland	Aleksander Żurkowski, Cardiologist, Chrzanów, Poland



General Information

Venue Course:

Hotel Qubus
6, Nadwiślańska Street, 30-527 Kraków, Poland

Course Organisation:

Fundacja Ośrodek Badań Medycznych
(Foundation for Medical Research)

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Official languages:

English
Polish

In accordance with the regulation of the Ministry of Health from 6.10.2004,
PINC Workshop participants will be awarded with 14 Education Points

8 June 2016, Wednesday

Session 1

17.00 - 18.30 Zabiegi strukturalne u dzieci

Chair: *J. Białkowski, J. Skalski, A. Rudziński*

Panel: *M. Szkutnik, J. Legutko, T. Mroczek, P. Podolec, Z. Gąsior, W. Król - Jawień, J. Kusa, G. Smolka, K. Bartuś*

- 17.00-17.10 **Możliwości interwencyjnego leczenia pacjentów po operacji metoda Fontana**
A. Morka
- 17.10-17.20 **Miejsce cewnikowania i angiokardiografii we współczesnej diagnostyce wrodzonych wad serca**
J. Kusa
- 17.20-17.30 **Aktualne możliwości zabiegów interwencyjnych w kardiologii dziecięcej**
E. Wójcik, J. Kusa, T. Mroczek, J. Skalski
- 17.30-17.40 **Stentowanie drogi wypływu z prawej komory u dzieci z krytycznym zwężeniem podzastawkowym tętnicy płucnej**
J. Kuźma
- 17.40-17.50 **Interwencyjne zamykanie ubytków międzykomorowych**
P. Weryński
- 17.50-18.00 **Leczenie interwencyjne u dziecka z zespołem niedorozwoju lewego serca po operacji metodą Fontana z plastycznym zapaleniem oskrzeli**
J. Kuźma
- 18.00-18.10 **"Reverse remodelling" prawej komory serca w przebiegu tętniczego nadciśnienia płucnego**
T. Mroczek

Dyskusja



9 June 2016, Thursday

Session 2

9.00 - 10.30 How should we treat carotid stenosis

Chair: *G. Biamino, D. Dudek*

Panel: *A. Schmidt, A. Micari, Y. Bausback, R. Nizankowski, P. Podolec, Z Gqsior, K. Żmudka, T. Przewłocki*

09.00-09.10	Opening remarks S. Bartuś
09.10-09.25	Current US&EU guidelines in carotid stenting M. Chyrchel
09.25-09.40	Mesh covered stents, new paradigm in carotid stenting P. Musiałek
09.40-09.50	Discussion
09.50-10.20	Live in the box P. Pieniążek
10.20-10.30	Panel discussion

Session 3

10.30 - 12.00 How should I treat (artic arch arteries)

Chair: *R. Nizankowski, P. Pieniążek*

Panel: *G. Biamino, A. Schmidt, A. Micari, Y. Bausback, R. Nizankowski, P. Podolec, J. Legutko, K. Żmudka, T. Przewłocki*

10.30 - 11.00

Case 1 - Carotid artery

M. Świerad:	Case presentation (5 min)
W. Kuczmik:	How would I treat? (Expert 1) (5 min)
S. Bartuś:	How would I treat? (Expert 2) (5 min)
M. Świerad:	How did I treat (5 min)
Discussion	

11.00 - 11.30

Case 2 - Vertebral artery

W. Skorupski:	Case presentation (5 min)
M Trystuła:	How would I treat? (Expert 1) (5 min)
P. Musiałek:	How would I treat? (Expert 2) (5 min)
W. Skorupski:	How did I treat (5 min)
Discussion	

11.30 - 12.00

Case 3 - Subclavian artery

Ł. Tekieli:	Case presentation (5 min)
W. Kuczmik:	How would I treat? (Expert 1) (5 min)
Z. Chmielak:	How would I treat? (Expert 2) (5 min)
Ł. Tekieli:	How did I treat (5 min)
Discussion	

12.00 - 12.30 Lunch

Session 4

12.30 - 14.30 How would I treat 2

Chair: W. Kuczmik, A. Sieroń

Panel: G. Biamino, A. Schmidt, A. Micari, Y. Bausback, D. Dudek, K. Żmudka, T. Przewłocki

12.30 - 13.00

Case 4 - Iliac artery

L. Drelicharz: **Case presentation** (5 min)

A. Micari: **How would I treat? (Expert 1)** (5 min)

Y. Bausbach: **How would I treat? (Expert 2)** (5 min)

L. Drelicharz: **How did I treat** (5 min)

Discussion

13.00 - 13:30

Case 5 - Superficial femoral artery

S. Bartuś: **Case presentation** (5 min)

T. Ludyga: **How would I treat? (Expert 1)** (5 min)

R. Niżankowski: **How would I treat? (Expert 2)** (5 min)

S. Bartuś: **How did I treat** (5 min)

Discussion

13.30 - 14.00

Case 6 - BTK

P. Kaczmarczyk: **Case presentation** (5 min)

A. Schmidt: **How would I treat? (Expert 1)** (5 min)

A. Sieroń: **How would I treat? (Expert 2)** (5 min)

P. Kaczmarczyk: **How did I treat** (5 min)

Discussion

Session 5

14.00 - 15.30 Featured lecture for critical limb ischemia

Chair: G. Biamino, D. Dudek

Panel: W. Kuczmik, P. Podolec, R. Niżankowski, A. Micari, P. Przewłocki

14.00-14.10 **Center of excellence for critical limb ischemia, cooperation with all specialists**

A. Micari

14.10-14.20 **Drug eluting balloons for CLI are still the solution or not**

A. Schmidt

14.20-14.30 **Stents in peripheral arteries for bad or good indications in CLI**

G. Biamino

14.30-14.40 **Regenerative therapies for CLI**

Y. Bausback

14.40-14.50 **We started from Prostacyline....Pharmacotherapy in CLI**

R. Niżankowski

14.50-15.00 **Novel therapies in CLI**

A. Sieroń

15.00-15.30 **Panel discussion**

15.30-15.50 Coffee break

Session 6

15.50 - 17.30 Innovations in peripheral interventions

Chair: *G. Biamino, D. Dudek*

Panel: *W. Kuczmik, P. Podolec, R. Niżankowski, A. Micari, P. Przewłocki*

- 15.45-15.55 **PAX - a novel Polish drug coated balloon for peripheral interventions**
P. Buszman
- 15.55-16.05 **MER - a novel Polish self-expanding carotid stent with hybrid cell design - results of First-In-Man clinical use**
P. Nowakowski
- 16.05-16.15 **The Peregrine - a new approach for renal artery denervation**
K. Milewski
- 16.15-16.25 **Current status and future directions of permanent and biodegradable implants in peripheral interventions**
K. Milewski
- 16.25-16.35 **Complex approach for patients with coronary and diffuse peripheral artery disease**
A. Żurkowski
- 16.35-16.45 **Retrograde SFA recanali**
TBD
- 16.45-16.55 **Safety and Feasibility of One-Day Discharge after Endovascular Revascularization of Lower Extremities**
A. Janas
- 16.55-17.05 **Nefropatia pokontrastowa z punktu widzenia nefrologa w świetle aktualnych wytycznych ESC**
M. Nowicki
- 17.05-17.15 **Radiation during peripheral procedures**
S. Arif
- 17.15-17.25 **Bivalirudin**
J. Wojtasik

18.00 **Get Together:** Barge on the Wisła River, Kraków



10 June 2016, Friday

Session 7

9.00 - 10.30 Percutaneous interventions in treatment of pulmonary hypertension

Chair: *M.Gąsior, M.Kurzyną*

Panel: *A. Witkowski, D. Dudek, W. Wojakowski, Z Gąsior, R. Pietura, P. Podolec, D. Sorysz*

- 09.00-09.10 **Stenting of left main coronary artery compressed by dilated pulmonary trunk**
A. Pietrasik
- 09.10-09.20 **Embolization of bronchial arteries in treatment of respiratory tract bleeding**
S. Darocha
- 09.20-09.30 **Balloon pulmonary angioplasty in chronic thromboembolic pulmonary hypertension**
G. Kopeć
- 09.30-09.40 **Pulmonary artery denervation – new technique to treat pulmonary hypertension?**
A. Witkowski
- 09.40-09.50 **Rejestr Małopolski zatorowości tętnic płucnych**
L. Bryniarski
- 09.50-10.00 **Case presentation**
R. Pietura
- 10.00-10.10 **Pharmatherapy in prevention of PE**
A. Surdacki
- 10.10-10.30 **Discussion**

Session 8

10.30 - 12.00 Hungarian session

Chair: *W. Wojakowski, Z. Ruzsa*

Panel: *A. Witkowski, D. Dudek, Z Gąsior, R. Pietura, P. Podolec, R. Parma, T. Rakowski*

- 10.30-10.42 **Endovascular treatment of portal hypertension**
I. Lazar
- 10.42-10.54 **Endovascular treatment of Superior Vena Cava Syndrome**
B. Nemes
- 10.54-11.06 **Recanalisation of ileofemoral vein chronic total occlusion**
Z. Ruzsa
- 11.06-11.18 **Stents for vein interventions**
P. Latacz

Discussion

12.00-12.30 Lunch



Session 9

12.30 - 14.00 Highlight of challenging cases for peripheral interventions

Chair: *Y. Bausback, S. Bartuś*

Panel: *J. Białkowski, T. Przewłocki, J. Trębacz, M. Szkutnik, A. Ochala*

R. Parma

T. Ludyga

T. Kameczura

A. Roślawiecka

L. Wrotniak

G. Smolka

P. Nowakowski

M. Nowicki

Session 10

14.00 - 15.00 Student Session

Jury: *K. Żmudka, D. Dudek, J. Legutko, B. Zawiślak, A. Roślawiecka, R. Pietura, S. Bartuś, T. Tokarek*

