

XVIIIth Czech and Slovak symposium on arrhythmias and cardiac pacing

7th – 9th November, 2021

Congress centre: Hotel Clarion Olomouc, Czech Republic

Scientific programme

Sunday, 7th November

Conference Hall 1

10:00 – 11:30 Modulation of the autonomic system for the treatment of arrhythmias

Chairpersons:

- 10:00 Pharmacological modulation of the cardiac autonomic system in the treatment of cardiovascular diseases
Miroslav Novák, FNUSA, Brno
- 10:15 Intervention of the cardiac sympathetic nervous system in the treatment of VT/VF and angina pectoris
Josef Kautzner, IKEM, Praha
- 10:30 Ablation of the cardiac parasympathetic nervous system in the treatment of functional bradyarrhythmias
Dan Wichterle, IKEM, Praha
- 10:45 Stimulation of the cardiac parasympathetic system in the treatment of arrhythmias and heart failure
Petr Neužil, NNH, Praha
- 11:00 Concomitant modulation of periatrial ganglion plexuses - does it increase the effect of AF ablation?
Petr Stojadinovič, IKEM, Praha
- 11:15 Renal sympathetic denervation - indirect cardiac effects
Alan Bulava, Hospital České Budějovice

11:30 – 12:30 Break

12:30 – 13:30 Ceremonial opening

Chairpersons: P. Peichl, IKEM, Praha; R. Hatala, NÚSCH, Bratislava

13:00 Welcoming of chairman and president of ČASR and SASA

13:20 Ceremonial lecture 1: Where is the treatment of ventricular tachycardias headed?
Petr Peichl, IKEM, Praha

13:40 Ceremonial lecture 2: Electrocardiogram and artificial intelligence
Robert Hatala, NÚSCH, Bratislava

13:30 – 15:00 Registers in arrhythmology 2020 + 2021
Chairpersons:

13:30 Register of pacemakers in the Czech Republic
Miloš Táborský, FN Olomouc

13:48 Register of ICDs in the Czech republic
Josef Kautzner, IKEM, Praha

14:06 Register of pacemakers and ICDs in the Slovakia
Gabriela Kaliská, SÚSCCH, Banská Bystrica

14:24 Register of catheter ablations in the Czech Republic
Robert Čihák, IKEM, Praha

14:42 Register of catheter ablations in the Slovak Republic
Silvia Mišíková, VÚSCH, Košice

15:00 – 15:30 Break

15:30 – 17:00 Treatment of atrial fibrillation in 2021
Chairpersons: R. Čihák,

15:30 New guidelines for treatment of AF – what is important?
Lucie Šedivá, NNH Praha

15:45 New guidelines for treatment with NOAC 2021
Luděk Haman, FN Hradec Králové

16:00 Antiarrhythmic treatment, upstream medication
Ondřej Toman, FN Bohunice, Brno

16:15 Rate control vs rhythm control
Dan Wichterle, IKEM, Praha

16:30 What is the best method of ablation of paroxysmal atrial fibrillation?
Jan Petrů, NNH, Praha

16:45 Strategies for ablation of persistent atrial fibrillation
Martin Fiala, CKP, Brno

17:00 – 17:30 Break

17:30 – 18:30 Symposium of Medtronic: Look into the future
Chairpersons: R. Hatala, NÚSCH, Bratislava

17:30 Leadless pacemaker VVI(R) is just a first step
Petr Neužil, NNH, Praha

18:50 Is the introduction of irreversible electroporation the answer to all the questions about catheter ablation?
Josef Kautzner, IKEM, Praha

18:10 Are there fixed boundaries for telemedicine?
Miloš Táborský, FN Olomouc

Conference Hall 2

10:00 – 11:36 Section of abstracts 1: Pacemakers, ICDs, lead extraction
Chairpersons:

10:00 (10+2)A
10:12 (10+2)A
10:24 (10+2)A
10:36 (10+2)A
10:48 (10+2)A
11:00 (10+2)A
11:12 (10+2)A
10:24 (10+2)A

13:30 – 15:00 Section of abstracts 2: Ablation of persistent atrial fibrillation and atrial tachycardias
Chairpersons:

13:30 (10+2)A
13:42 (10+2)A
13:54 (10+2)A
14:06 (10+2)A
14:18 (10+2)A
14:26 (10+2)A
14:38 (10+2)A
14:50 (10) Summary

15:00 – 15:30 Break

15:30 – 17:00 Section of abstracts 3: Cardiac pacing in heart failure and death with ICD
Chairpersons:

15:30 (10+2)A
15:42 (10+2)A
15:54 (10+2)A
16:06 (10+2)A
16:18 (10+2)A
16:26 (10+2)A
16:38 (10+2)A
16:50 (10) Summary

17:00 – 17:30 Break

17:30 – 18:30 Abstracts - Varied

Chairpersons:

17:30 (13+2) TBD
17:55 (13+2) TBD
18:10 (13+2) TBD
16:25 (13+2) TBD

Conference Hall 4

14:00 – 18:00 Satellite “hands-on” workshop 1

Monday, 8th November

Conference Hall 1

08:30 – 09:30 Symposium SASA – Arrhythmias by interdisciplinary optics
Chairpersons: R. Hatala

8:30 Arrhythmias and cognitive dysfunction
Z. Gdovinová, UPJŠ, Košice

8:50 Heart failure for arrhythmologists in a cube
Eva Gonçalvesová, NÚSCH, Bratislava

9:10 Autoimmune mechanisms of arrhythmias
Ľuboš Urban, NÚSCH, Bratislava

09:30 – 09:45 Break

09:45 – 10:45 Use of artificial intelligence and 3D reality - modern approaches in cardiology
Chairpersons: TBD

09:45 Possibilities of using artificial intelligence in cardiology
Veronika Bulková, CKP, Brno

10:00 Principles and advanced algorithms of artificial intelligence in signal analysis
Filip Plešinger, ÚPT, Brno

10:15 iWatch and patient monitoring after AF ablation
Kristýna Štolbová, IKEM, Praha

10:30 Virtual reality in cardiology - current possibilities
Otakar Jiravský, Nemocnice Třinec)

10:45 – 11:00 Break

**11:00 – 12:00 Symposium Biosense-Webster - Innovations in the treatment of atrial fibrillation
Chairpersons:**

- 11:00 Ablation with High Power Short Duration
Petr Peichl, IKEM, Praha
- 11:15 New Single Shot Devices
TBD
- 11:30 Pulse Field Ablation
Jan Petrů, NNH, Praha
- 11:45 Q&A on new technologies – facilitated by Chairman

12:00 – 13:00 Lunch

**13:00 – 14:00 Ventricular arrhythmias
Chairpersons:
Patient with heart failure and arrhythmias (debate)**

- 13:00 This patient needs catheter ablation
Josef Kautzner, IKEM, Praha
- 13:15 This patient needs treatment for heart failure
Robert Hatala, NÚSCH, Bratislava
- 13:30 Radiotherapy for VT - when and how?
Radek Neuwirth, Nemocnice Třinec
- 13:45 Acute and long-term side effects of radiosurgical ablation of VT
Jakub Cvek, FN Ostrava

14:00 - 14:10 Break

**14:10 – 15:10 New perspectives on sudden cardiac death
Chairpersons:**

- 14:10 Survived cardiac arrest, recommended complex diagnosis and care
Jana Hašková, IKEM, Praha
- 14:25 Post mortem genetic examination and its real results
Alice Krebsová, IKEM, Praha
- 14:40 Possibilities of autopsy diagnostics in SCD
Štěpánka Pohlová-Kučerová, FN Hradec Králové
- 14:55 Sport and congenital arrhythmic syndromes
Tomáš Novotný, FN Brno

15:10 – 15:40 Break

**15:40 – 17:10 Thromboembolism and AF - whom to and how to close the left atrial appendage
Chairpersons:**

- 15:40 Clinical studies in the catheter occlusion of the left atrial appendage
Pavel Osmančík, FNKV, Praha
- 15:55 Long-term clinical experience with implanted occluders, association of thrombosis and embolism
Pavel Hála, NNH Praha
- 16:10 New approaches to non-pharmacological prevention of thromboembolism
Petr Neužil, NNH Praha
- 16:25 Surgical options for LAA closure - LAOS study
TBD
- 16:40 Panel discussion

16:55 – 17:20 Break

**17:20 – 18:10 Symposium Boehringer Ingelheim
Chairpersons:**

- 17:20 TBD
- 17:40 TBD
- 18:00 Panel discussion

Conference Hall 2

**8:30 – 09:30 Symposium Biotronik Monitoring of patients after stroke/TIA
Chairpersons: M. Táborový, FN Olomouc**

- 08:30 Importance of heart rhythm monitoring after stroke
Aleš Tomek, FN Motol, Praha
- 08:50 Heart rate monitoring technology - what's new and available
Miloš Táborový, FN Olomouc
- 09:10 BioMonitor III - indications, implantation, our results –
Marian Fedorco, FN Olomouc

09:30 – 09:45 Break

09:45 – 10:45 **Symposium Cardion – Abbott**
Chairpersons:

09:45 TBD
10:05 TBD
10:25 TBD

10:45 – 11:00 **Break**

11:00 – 12:00 **Section of abstracts 4: Ablation and neuromodulation of ventricular tachyarrhythmias**
Chairpersons:

11:00 (10+2)A
11:12 (10+2)A
11:24 (10+2)A
11:35 (10+2)A
11:48 (10+2)A

12:00 – 13:00 **Lunch**

13:00 – 14:30 **Section of abstracts 5: AF and stroke prevention**
Chairpersons:

13:00 (14) TBD
13:14 (14) TBD
13:28 (14) TBD
13:42 (14) TBD
13:56 (14) TBD
14:10 (14) TBD
14:24 (6) Panel discussion

14:00 – 14:10 **Break**

14:10 - 14:30 **Symposium Pfizer - Patient with FS undergoing cardiac procedures in 2021 - optimization of oral anticoagulation**
Chairpersons:

14:30 – 15:00 **Break**

15:00 – 16:00 **Symposium InLab MicroPort CRM: from diagnosis to treatment and patient management**
Chairpersons: M. Táborský, FN Olomouc, J. Navrátil, InLab

15:00 Pacemakers: Connected by what's inside
A. Veiga

15:25 Defibrillators: Connected through life
Ch. Deniaud

15:50 Panel discussion

**16:00 – 16:30 Section of abstracts 6: Varied
Chairpersons:**

Conference Hall 4:

08:30 – 12:30 Satellite “hands-on” workshop 2

14:00 – 18:00 Satellite “hands-on” workshop 3

Tuesday, 9th November

Conference Hall 1

**09:00 – 10:30 Device therapy - new possibilities
Chairpersons:**

09:00 New stimulation guidelines
Petr Pařízek, FN Hradec Králové

09:15 Leadless - update of news
Petr Neužil, NNH Praha

09:30 Physiological stimulation
Karol Čurila, FNKV Praha

09:45 What is the real effectiveness of SCD ICD prevention according to existing criteria? Analysis of long-term results of the OLICD registry
Miloš Táborský, FN Olomouc

10:00 Electromechanical dyssynchrony of the right ventricle: advanced imaging methods, mathematical modelling and possibilities of resynchronization treatment
Jan Janoušek, FN Motol, Praha

10:00 TBD

10:15 Panel discussion

10:30 – 11:00 Break

- 11:00 – 12:00** **Interactive ECG quiz**
Chairpersons:
- 11:00 ECG I.
Petr Peichl, IKEM Praha
- 11:30 ECG II.
Štěpán Havránek, VFN Praha
- 12:00 – 12:05** **Closing remarks by the chairman and the president ČASR a SASA**

Conference Hall 2

- 09:00 – 10:30** **Section of abstracts 7: New technologies and their applications in treatment**
Chairpersons:
- 09:00 (15) TBD
09:15 (15) TBD
09:30 (15) TBD
09:45 (10)A TBD
09:55 (10)A TBD
09:05 (10)A TBD
10:15 (15) Panel discussion
- 10:30 – 11:00** **Break**
- 11:00 – 12:30** **Section of abstracts 8:**
Chairpersons:
- 11:00 (10+2)A
11:12 (10+2)A
11:24 (10+2)A
11:36 (10+2)A
11:48 (10+2)A
12:00 (10+2)A
12:12 (10+2)A

Conference Hall 4

- 08:30 – 12:30** **Satellite “hands-on” workshop 4**