



10TH ZADAR SUMMER SCHOOL OF NEUROSONOLOGY AND STROKE MANAGEMENT

20th-22nd September 2018
Zadar, Croatia

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10TH ZADAR SUMMER SCHOOL OF NEUROSONOLOGY AND STROKE MANAGEMENT
ZADAR 20th-22nd SEPTEMBER 2018
THE FINAL PROGRAM

THURSDAY 20. 09. 2018

- 12:00-14:00 **Registrations**
14:00-14:10 **Welcome and Opening**
Chairs: A. Mrdjen, Z. Garami, B. Malojcic
- Stroke Topics - Part I**
Chairs: G. Meneghetti, Z. Garami
- 14:10-14:25 Ultrasound in patients undergoing endovascular treatment C. Baracchini
14:25-14:40 Diagnostic value of US in patients with acute ischemic event in the vertebral artery territory J. Pretnar-Oblak
14:40-14:55 Subclavian steal phenomenon Z. Garami
14:55-15:10 Cerebral non-atherosclerotic vasculopathies M. Mijajlovic
15:10-15:25 NOAC related intracerebral hemorrhages M. Budisic
15:25-15:40 Blood pressure regulation and stroke E. Sanzaro
15:40-16:00 MES in patients with ischemic stroke and PFO are sufficient for a therapeutical decision? S. Supe
16:00-16:10 Discussion
16:10-16:40 Coffee break
16:40-18:30 **Hands-on training:**
Experts: C. Baracchini, N. Carraro, J. Pretnar-Oblak, G. Meneghetti, A. Lovrencic Huzjan, M. Mijajlovic, B. Malojcic
How to do ultrasound in less operator depending way?
Ultrasound system knobology
Estimation of carotid and vertebral stenosis
Protocol of extracranial scanning
20:00 **Dinner**

FRIDAY 21. 09. 2018.

- Microembolic signals in clinical practice I**
Chairis: M. Kaps, C. Baracchini
- 09:00-09:15 Presentation of ERNSono Initiative M. Kaps
09:15-09:30 Basics of MES detection F. Perren
09:30-09:45 Pearls and pitfalls in MES detection W. H. Mess
09:45-10:00 MES for stroke risk assessment P. Castro
10:00-10:15 MES in monitoring of invasive procedures D. Skoloudik
10:15-10:30 Good and bad bubbles Z Garami
10:30-12:00 **Hands-on training:**
Experts: M. Kaps, F. Perren, Z. Garami, W. H. Mess, D. Skoloudik, P. Castro, B. Malojcic

PFO detection
MES detection

12:00-13:00 **Lunch**

Microembolic signals in clinical practice II

Chairis: M. Kaps, C. Baracchini

13:00-13:20 Robot TCD - New kid on the block Z. Garami
13:20-14:00 Short communications & case presentations L. Poppa, S. Aarli, M. Kuliha
14:00-14:30 Presentations of ERNSono Projects

Stroke II

Chairs: S. Schreiber, N. Carraro

14:30-14:45 Neuroimaging clues to stroke ethiology J. Sobesky
14:45-15:00 Difficult decisions in endovascular treatment of ischemic stroke I. Jovanovic
15:00-15:15 Reversible cerebral vasoconstriction syndrome A. Lovrencic
15:15-15:30 Triple "W" for dual antiplatelet therapy in endovascular treatment of intracranial aneurysms - what, when and why? Z. Poljakovic
15:30-15:45 Treatment strategies for intracranial stenosis Dz. Smajlovic
15:45-16:00 Stroke in women A. Pavlovic
16:00-16:15 Left atrial appendage occlusion for stroke prevention A. Anic
16:15-16:30 Discussion

16:30-17:00 **Coffee break**

17:00-19:00 **Hands-on training**

Experts: N. Carraro, C. Baracchini, Z. Garami, A.

Pavlovic, G. Meneghetti, A. Schaafsma

TCD scanning protocol

TCCD vascular examination principles & interpretation

Examination of intra- and extracranial venous system

TCCD – advanced protocol

20:30 **Dinner**

SATURDAY 22. 09. 2018.

Comprehensive US applications

Chairs: Z. Poljakovic, S. Kalanj, K. Duka Glavor

09:00-09:15 Ultrasound and vasomotor reactivity G. Meneghetti
09:15-09:30 Age related changes in middle cerebral artery flow velocity: implications for future TCD studies A. Schaafsma
09:30-09:45 HITS detection in stroke etiology assessment D. Bonifacic
09:45-10:00 Characteristics of US report N. Carraro
10:00-10:15 Optic nerve sheath diameter and intracranial pressure in ICH M. Bender

10:15-11:00 Discussion

11:00-12:30 **Hands-on training:**

Experts: G. Meneghetti, M. Mijajlovic, J. Pretnar
Oblak, L. Unusic, S. Juren, B. Malojcic
Parehnchimal ultrasound examination
Muscle ultrasound in botulinum toxin application
Ultrasound fusion imaging
Optic nerve sheath diameter
Functional TCD

12:30-13:30 **Lunch**

Stroke III

Chairs: J. Pretnar Oblak, A. Lovrencic Huzjan

13:30-13:45 Interarm skin temperature differences in
subclavian steal syndrome?

O. Ibrahimagic

13:45-14:00 Hemodynamics of robot-assisted foot movement in
healthy subjects

P. Caruso

14:00-14:15 A new era of ticagrelor - neurological perspective

K. Starcevic

14:15-14:30 Our latest experience in endoluminal therapy for
steno-occlusive diseases of the subclavian artery

S. Dobrota

14:30-14:45 Extracranial carotid artery ultrasound in the ER:
pros&cons

I. Dobrila Turnsek, A.
Prunk Drmic

14:45-15:00 Decompressive craniectomy - after 5 years of
experience

N. Blazevic

15:00-15:15 Discussion

Closing



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Lecturers/Scientific Committee:

Claudio Baracchini, Italia
Marija Bender, Bosnia and Herzegovina
Nikola Blažević, Croatia
Mislav Budišić, Croatia
Cornelia Brunner, Austria
Nicola Carraro, Italia
Paola Caruso, Italia
Pedro Castro, Portugal
Irena Dobrila Turnšek, Croatia
Savko Dobrota, Croatia
Zsolt Garami, Hungary
Ivan Jovanović, Croatia
Manfred Kaps, Germany
Omer Ibrahimagić, Bosnia and Herzegovina
Snježana Juren Meaški, Croatia
Arijana Lovrenčić Huzjan, Croatia
Branko Malojčić, Croatia
Giorgio Meneghetti, Italy
Werner H. Mess, Germany
Milija Mijajlović, Serbia
Anamarija Mrđen, Croatia
Fabienne Perren, Switzerland
Janja Pretnar Oblak, Slovenia
David Ozretić, Croatia
Aleksandra Pavlović, Serbia
Zdravka Poljaković, Croatia
Arijana Prunk Drmić, Croatia
Enzo Sanzaro, Italy
Vittoria Maria Sarra, Italy
Arjen Scaafsma, Netherlands
Dževdet Smajlović, Bosnia and Herzegovina
Jan Sobesky, Germany
Stephan Schreiber, Germany
David Skoloudik, Czech Republic
Katarina Starčević, Croatia
Svjetlana Šupe, Croatia
Lea Unušić, Croatia
Jose Manuel Valdueza, Germany
Milan Vosko, Austria

Conference Secretariat:

Sanja Kalanj, Croatia
Klaudia Duka Glavor, Croatia
Danira Bažadona, Croatia

Venue:

Hotel Kolovare, Zadar, Croatia

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