

# 11<sup>th</sup> ZADAR SUMMER SCHOOL of NEUROSONOLOGY and STROKE MANAGEMENT



September 19<sup>th</sup> - 21<sup>st</sup> 2019 Zadar, Croatia



11<sup>TH</sup> ZADAR SUMMER SCHOOL OF NEUROSONOLOGY AND STROKE MANAGEMENT  
ZADAR 19<sup>th</sup>-21<sup>st</sup> SEPTEMBER 2019  
PRELIMINARY PROGRAM

**THURSDAY 19. 09. 2019**

12:00-14:00 Registrations

14:00-14:10 Welcome and Opening

**Stroke Topics - Part I**

Chairs: A. Mrden, C. Baracchini

14:10-14:30 Neurosonology in acute stroke hemodynamics

J. Sargento Freitas

14:30-14:50 Migraine and stroke

A. Pavlovic

14:50-15:10 AVMs and DAVFs

J. M. Valdueza

15:10-15:30 Best medical treatment for intracranial stenosis

M. Mijajlovic

15:30-15:50 PACNS - our experiences

Z. Poljakovic

15:50-16:10 Stroke and pregnancy

C. Brunner

16:10-16:30 Discussion

16:30-17:00 Coffee break

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

How to do ultrasound in less operator depending way?

G. Meneghetti

Ultrasound system knobology

A. Pavlovic

Estimation of carotid and vertebral stenosis

A. Lovrencic Huzjan

Protocol of extracranial scanning

N. Carraro

20:00 Dinner

**FRIDAY 20. 09. 2019**

**Microembolic signals in clinical practice**

Chairs: N. Carraro, J. Valdueza

09:00-09:20 MES: Intro and Pitfalls

W. H. Mess

09:20-09:40 MES in symptomatic carotid artery stenosis

M. Kaps

09:40-10:00 Discussion

**Neurovascular diseases and autonomic system disturbances**

Chairs: M. Vosko, A. Lovrencic

10:00-10:20 Autonomic dysfunction and cerebrovascular disease

M. Habek

10:20-10:40 TCD and autonomic dysfunction

A. Schaafsma

10:40-11:00 Discussion

10:30-12:00 **Hands-on training:**

PFO detection

M. Kaps

MES detection

W. H. Mess

12:00-13:30 Lunch

**Stroke II**

Chairs: G. Meneghetti, M. Kaps

13:30-13:50 Predictive role of ultrasound after EVT for LAO stroke

C. Baracchini

14:00-14:20 Strokologist's update on NOAC

M. Vosko

14:20-14:40 NOAC in secondary stroke prevention – Slovenian registry

J. Pretnar Oblak

14:40-15:00	Stroke in divers	G. Meneghetti
15:00-15:20	Fibromuscular dysplasia	A. Lovrencic-Huzjan
15:20-15:40	Stroke in sports activities	D. Bonifacic
15:40-16:00	What do we expect from future studies on EVT?	I. Jovanovic
16:00-16:15	Discussion	

### Hands-on training

16:30-18:30	TCD scanning protocol	Z. Garami
	TCCD vascular examination principles and interpretation	C. Baracchini
	Examination of intra- and extracranial venous system	J. Valdueza
	Functional TCD	P. Castro
	FAQs in the application of US contrast agents	E. Bartels

18:00 **International Certification in Neurosonology - Written Exam** E. Bartels

20:00 Dinner

## SATURDAY 21. 09. 2019

### Comprehensive US applications

09:00-09:20	Ultrasound in neuropathies	Chairs:	C. Brunner, A. Pavlovic
09:20-09:40	Application of US contrast agents		S. Schreiber
09:40-10:00	US and vulnerable plaque		E. Bartels
10:00-10:20	Parenchymal ultrasound examination		N. Carraro
10:20-10:40	Neurovascular coupling in SVD and cognitive impairment		U. Walter
10:40-11:00	Subclavian steal syndrome		P. Castro
11:00-11:20	Fast track US protocol in giant cell arteritis		Z. Garami
			B. Malojcic

11:20-12:45	<b>Hands-on training:</b>		
	Parenchymal ultrasound examination		M. Mijajlovic
	Peripheral nerves		S. Schreiber
	US navigated punctions		M. Vosko
	Optic nerve sheath diameter		C. Brunner
	Botulinum toxin application with ultrasound		U. Walter
	US examination of the pupil		C. Baracchini
	US of temporal arteries		B. Malojcic

12:45-13:30 Lunch

13:30-14:30 **International Certification in Neurosonology - Practical exam** E. Bartels

### Short communications and case reports

		Chairs:	Z. Poljakovic,
			S. Schreiber
13:30-13:40	Epidemiology of stroke in Zadar County		K. Duka Glavor
13:40-13:50	EVT and bridging - our experiences		M. Budisic
13:50-14:00	IMT in obese patients		D. Bazadona
14:00-14:10	Spontaneous recanalisation of ICA occlusion		A. Babic
14:10-14:20	Newly diagnosed Fabry disease as a cause of stroke ?		S. Supe
14:20-14:30	12 years follow up of CAS in a diabetic patient		V. Dermanovic Dobrota,
			S. Dobrota

14:30 Closing and promotion of successful ITC candidates