ISNVD
International Society for Neurovascular Disease

ISNVD 3rd Annual Meeting

February 23-25, 2013 | Kraków | Poland

**PROGRAMME**

**FEBRUARY 23, 2013**

9:00 AM – 11:00 AM

Workshop 1: Workshop on transcranial Doppler. Erica Menegatti (Italy)

Workshop 2: Workshop on Doppler examination of neck veins. Nikolaos Liasis (Greece)

Workshop 3: How to set up an acute stroke service. Iris Q. Grunwald (Germany)

11:30 AM – 1:00 PM

Workshop 4: How do I do it: IVUS in CCSVI patients. Salvatore Sclafani (USA)

Workshop 5: How do I do it: PTA and cutting balloons in CCSVI patients. Tomasz Ludyga (Poland)

Workshop 6: Workshop on MR and CT assessment in stroke patients. Adnan Siddiqui (USA)

2:30 PM – 4:30 PM

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5:00 PM – 6:30 PM

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8:00 PM – 11:00 PM

Meet together for workshop participants (payable)

**FEBRUARY 24, 2013**

9:00 AM – 9:30 AM
Official opening

9:30 AM – 11:00 AM
Title of session: Acute stroke management - Basic science and prevention

- Stroke in animal models. Timothy Q. Duong (USA)
- Clinical trials on cerebral stroke. Adnan Siddiqui (USA)
- New advances in ultrasound imaging for carotid pathology. Nikolaos Liasis (Greece)
- Percutaneous left atrial appendage closure for stroke prophylaxis. Krzysztof Bartuś (Poland)
- Panel discussion

11:00 AM – 11:30 AM
Poster session 1 :

- Edema in T2: a possible precursor of spontaneous intracerebral hemorrhage in stroke-prone spontaneously hypertensive rats? Weili Zheng (USA)
- Effect of Orexin-A and SB-334867 injection on infarction size and recovery of function on a focal transient stroke model; role of nitric oxide. Arash Esmaeili (Iran)
- On modeling transport of both plasma and solutes across the blood–brain barrier. Laura Facchini (Italy)

11:30 AM – 1:00 PM
Title of session: Acute stroke - Diagnosis and treatment

- How to set up an acute stroke service. Iris Q. Grunwald (Germany)
- Emergence CT and MR imaging in stroke patients. Adnan Siddiqui (USA)
- Mechanical trombectomy in acute stroke. Iris Q. Grunwald (UK)
- Endovascular treatment of acute stroke - Czech experience. Dusan Kucera (Czech Republic)
- Panel discussion and closing remarks

2:30 PM – 4:30 PM
CCSVI Session 1 – Current status and research

- CCSVI at ECTRIMS 2012. Robert Zivadinov (USA)
- Cerebral Venous Return and Chronic Neurological Disorders. Jaap Valk (Netherlands)
- How reliable are current sonographic CCSVI criteria. Marian Simka (Poland)
- Ultrasound CCSVI screening in trained vs. not trained centres. Paolo Zamboni (Italy)
- Lessons learned from already performed interventional studies on CCSVI. Michael Dake (USA)
- Endovascular interventions in other venous territories. Seshadri Raju (USA)
- Meta-analysis of open-label interventional studies on CCSVI. Tomasz Urbanek (Poland)
- Panel discussion

4:30 PM – 5:00 PM
Poster session 2:

- Case report of internal jugular vein entrapment in a multiple sclerosis patient. Marian Simka (Poland)

- Endovascular treatment of CCSVI: results at 2 years follow-up. Guillermo Eisele (Argentina)
- Feasibility and safety of endovascular treatment for chronic cerebrospinal venous insufficiency in a cohort of 1202 patients with multiple sclerosis. Tommaso Lupattelli (Italy)

5:00 PM – 6:30 PM
CCSVI Session 2 - Clinical trials on CCSVI

- Transesophageal sonographic assessment of the azygous vein. Anna Wiechowska-Kozłowska (Poland)
- The role for IVUS in decision making. Salvatore Sclafani (USA)
- Quantitative colour doppler evaluation of cerebral venous outflow in MS patients and healthy controls. Lucia Monti (Italy)
- Comparison between ultrasound and venography in MS patients. Marzia Lugli (Italy)
- Cerebral circulation time in MS patients. Marcello Mancini (Italy)
- Panel discussion

6:30 PM – 8:00 PM
Welcome Reception (free of charge)

**FEBRUARY 25, 2013**

9:00 AM - 10:30 AM
Venous disorders in non-MS neurologic pathologies

- Abnormal MRI drainage pattern in Parkinson disease. E.Mark Haacke (USA)
- CCSVI in pediatric MS and other neurologic diseases. Robert Zivadinov (USA)
- Evidence of a biofilm forming protozoan in the human vasculature. Stephen Fry (USA)

10:30 AM – 11:00 AM
Poster session 3:

- Correlation of microparticle species in MS with iron deposition in the brain. J. Steven Alexander (USA)
- Comparison between contrast enhanced MRI angiography and digital subtraction Xray angiography. Siamak Salari Sharif (USA)
- A comparative study of MR venography techniques for the evaluation of the internal jugular veins in MS patients. Rahman Tamizur (USA)

11:00 AM - 11:30 AM

- Key note lecture : Ten years of research on CCSVI: what we know and what we need to know. Paolo Zamboni (Italy)

11:30 AM – 1:00 PM
CCSVI Session 3 - CT and MRI

- Quantitative MRV in MS patients. E.Mark Haacke (USA)
- MR hemodynamic changes in MS and CIS. Efrosini Z. Papadaki (Greece)
- Positional venous MR angiography. Pascal Niggemann (Germany)
- Multimodal diagnostic comparisons of 2 invasive and 3 non-invasie techniques in PREMISE study. Robert Zivadinov (USA)

- Clinical assessment of pathophysiology in neurovascular diseases based on quantitative DCE-MRI. Laura Fanea (Romania)
- Panel discussion

2:30 PM – 4:30 PM
CCSVI session 4 - best submitted communications

- Comparison of IVUS to gold standard catheter venography for detection of extra-cranial venous abnormalities indicative of CCSVI: results of the PREMiSe study. Yuval Karmon (USA)
- Changes of cine cerebrospinal fluid dynamics in multiple sclerosis patients treated with venous angioplasty. Robert Zivadinov (USA)
- External compression of left internal jugular vein or brachiocephalic vein in patients with CCSVI and multiple sclerosis. Tommaso Lupattelli (Italy)
- A three month and one year evaluation with color doppler ultrasound of the endovascular treatment in patients with CCSVI. Elena Righi (Italy)
- Cutting balloons for the treatment of obstructive lesions in the internal jugular veins: feasibility report. Paweł Latacz (Poland)
- Experience in 144 endovascular treatment of CCSVI in multiple sclerosis. Aldo Bruno (Italy)
- Chronic cerebrospinal venous insufficiency is unlikely to be a direct trigger of multiple sclerosis. Marian Simka (Poland)

4:30 PM - 5:00 PM
Poster session 4:

- Influence of body position change on cross sectional area of internal jugular veins and vertebral veins in healthy subjects. Sandra Morovic (Croatia)
- Computational haemodynamics in stenotic internal jugular veins. Gino Montecinos (Italy)
- CCSVI: duplex ultrasound findings in MS patients and healthy controls. Isac Flaishman (Italy)

5:00 PM – 6:30 PM
CCSVI session 5 - best submitted communications

- The impact of CCSVI on intracranial physiology in healthy individuals. Clive B. Beggs (UK)
- A haemodynamic model to calculate non invasively the brain outflow through collateral vessels. Francesco Sisini (Italy)
- Interpretation of cervical plethysmography data with respect to the diagnosis of CCSVI. Clive B. Beggs (UK)
- A mathematical model for the theoretical study of hemodynamic aspects of CCSVI. Lucas Omar Mueller (Italy)
- Closing session

8:00 PM – 11:00 PM
Gala Dinner - payable