

**1<sup>st</sup> Neurologists' Meeting on Venous Circulation of the Head and Neck-Focus for Neurologists, Zagreb, Croatia  
November 24<sup>th</sup>-26<sup>th</sup> 2011.**

Under the endorsement of World Federation of Neurology, Research Group on Delivery of Neurological Services and Croatian Stroke Society organized an international 3-day meeting: THE 1<sup>ST</sup> NEUROLOGISTS' MEETING ON VENOUS CIRCULATION OF THE HEAD AND NECK-FOCUS FOR NEUROLOGISTS, at University Department of Neurology, UHC Sestre milosrdnice, Vinogradska 29, Zagreb, Croatia from November 24<sup>th</sup> to 26<sup>th</sup>, 2011.

Primary objective of the course was to enlighten the role of the venous vascular component in the treatment of neurological disorders and to encourage safe and ethical approaches in investigating venous system. The major feature of the course was enabling exchange of experience among scientists and colleagues working with ultrasound methods. Participants were encouraged to participate in constructive discussions organized during the course and to exchange the experience from different countries.

Scientific program of the Meeting started on Thursday 24<sup>th</sup> November, 2011 with the lecture from Professor Vida Demarin, MD, PhD, FAAN, FAHA, FESO; Fellow of the Croatian Academy of Sciences and Arts, who gave an outstanding lecture about brain neuroplasticity; followed by lectures from Sandra Morovic, MD, PhD about historical view about cerebral venous system, anatomy and physiology of and human circulatory system.

On Friday 25<sup>th</sup> November, 2011 Professor Vida Demarin gave lecture about development of ultrasound. Leonardo Forzoni talked about imaging by ultrasound and about physical principles of the method and ultrasound technologies for venous system examination. Sara D'Onofrio followed the topic by giving an interesting lecture about utilization of physical principles of Doppler ultrasound. Sandra Morovic, MD, PhD gave a lecture about neurological disorders and veins, followed by the lectures from Maria Marcella Lagana, PhD, who gave a lecture about assessment of vascular morphology and hemodynamic with MRI. Together with Leonardo Forzoni, she gave a detailed overview of imaging modalities of the venous system. At the end of the second day L. Forzoni gave a video presentation on how to scan veins and how to perform the examination.

On Saturday 26<sup>th</sup> November 2011, Iris Zavoreo, MD, PhD gave a lecture about ultrasound technological possibilities for arterial system examination (QIMT, QAS, and QDP) and about differences of arterial and venous. Sara D'Onofrio talked about fusion imaging principles and how to use them and also gave video presentation of virtual navigator for cerebral vascular system.

The meeting successfully ended with the closing remarks of the organizers gathering all the participants to farewell and with promising plans for the future meeting.