



Georgian Society of Neurosonology and Cerebral Hemodynamics

“Ultrasound Technologies – Challenges Before Young Doctors”
15-20 October, 2013. Sofia, Bulgaria



The Georgian Society of Neurosonology and Cerebral Hemodynamics (GSNCH) was founded in September, 2011.

It is a very young professional organization, which is opened for new members.

All members of GSNCH at the same time are the members of Neurosonology Research Group of World Federation of Neurology -NSRG WFN.

Our activity carried directed toward further development of Neurosonology in Georgia.

Society members are committed enthusiastically support field of Neurosonology strengthening and development.

One of our major goal is to achieve international standards in clinical and research practices.

Our main goals :

- Development of collaboration with international organizations, such as NSRG and it's chapters
- Working out new projects and programs
- Involvement in International trials and projects
- Implementation of International guidelines, new technologies and methods
- Improvement of Medical service
- Conducting workshops, seminars, trainings and conferences
- Sharing the scientific, research and practical knowledge and experience
- Teaching activities for physicians, residents and students

First Meeting and TCD workshop of the Georgian Society of Neurosonology and Cerebral Hemodynamics



September 19, 2012



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19 sept ember i , 2012

On September 19, 2012 the First Meeting of GSNCH was held at DEKA Medical Centre University Clinic in Tbilisi, Georgia.

This first conference was organized by GSNCH and directed toward providing information about the Transcranial Doppler (TCD) as one of the highly developed investigation method for cerebral circulation and most advanced techniques of TCD ultrasound.

Underlined the role of TCD in the diagnosis and management of patients with cerebrovascular diseases (CVD) and prevention of stroke.

Invited speakers were Prof. A. Razumovsky, PhD, FAHA (USA) and Dr. A. Dzhanashvili, MD, PhD, RVS (USA)



Dr. Alexander Razumovsky, PhD, FAHA presented the lecture describing current status of Neurosonology, TCD diagnosis and monitoring of cerebral vasospasm after SAH of different etiology, evaluation of cerebral vasoreactivity, sonothrombolysis, microemboli detection, PFO diagnostics, cerebral circulation monitoring procedures and some new developments in TCD methodology.

Dr. Marina Alpaidze, MD, PhD (Georgia) presented the lecture describing ultrasound diagnostics for posterior circulation disorders, the role of different vasoactive medications and follow-up evaluation using TCD and transcranial color coded (TCCD) technique, she underlined the role of functional tests (fTCD) also.

Dr. Alexander Dzhanashvili MD, PhD, RVS presented the lecture describing the basics and examining technique of TCD. He conducted hands-on practice session also.



CareFusion Corporation provided support for this meeting and also instrumentation for hands-on practice. We are grateful to Care/Fusion Corp. for their support.



We sure that this first meeting will encourage all GSNCH members, professionals and students to actively support implementation of ultrasound in the local stroke programs in Georgia, as well as in their clinical practice and research activity.

Lectures and Trainings

Speaker	Title	Date
M. Alpaidze MD, PhD	TCD/TCCD – high-informative, fast, real-time, repeated investigation tool in CVD. Hands-on Practice.	November 21, 2012
M. Alpaidze MD, PhD	The Role of Microemboli Detection in Stroke Prevention. Hands-on Practice.	January 25, 2013
D. Gachechiladze MD, PhD	Evaluation of Carotid Stenosis. Structure of Plaque as one of the Risk-Factor of Stroke.	
M. Alpaidze MD, PhD	TCD monitoring after SAH- Diagnostics, Treatment, Prognosis..	March 22, 2013
M. Okujava MD, PhD	Comprehensive Evaluation of TCCD and MRT data in CVD..	

Lectures and Trainings

Speaker	Title	Date
M. Alpaidze MD, PhD	Application of TCD and TCCD for Evaluation of Posterior Circulation Disorders. The Role of Functional Tests.	July 23, 2013
M. Alpaidze MD, PhD N. Kurashvili MD	TCCD Essentials of Extremities Investigation. Hands-on practice.	September 10, 2013

Attendees- GSNCH members, physicians, students.

The themes of follow-up lectures and trainings will correspond to questions and interests of attendees.

Next year the GSNCH is planning to organize the meeting with more invited speakers and participants from other republics of Caucasian region.

In the meetings' scientific program will be more topics with extensive overview of new protocols and the latest discoveries in Neurosonology.





Благодаря ви за вниманието !

Thank you for your attention !