



FOURTH NATIONAL CONGRESS
of the Bulgarian Society of Neurosonology
and Cerebral Hemodynamics
with International Participation

October 5–7, 2018 | Sofia, Bulgaria

In cooperation with

European Society of Neurosonology and Cerebral Hemodynamics

Medical Faculty of Sofia University “St Kliment Ohridski”

Military Medical Academy – Sofia

National Sports Academy “Vassil Levski”

Bulgarian Academy of Sciences and Arts

Welcome Message

Dear Colleagues and Friends,

On behalf of the Bulgarian Society of Neurosonology and Cerebral Hemodynamics we are honored to welcome you to our Fourth National Congress with international participation in Sofia from October 5th to 7th, 2018. The event is in cooperation with the European Society of Neurosonology and Cerebral Hemodynamics, Military Medical Academy – Sofia, Medical Faculty of Sofia University “St Kliment Ohridski”, National Sports Academy “Vassil Levski”, and the Bulgarian Academy of Sciences and Arts.

The Fourth National Congress is aimed at providing high level of scientific and practical knowledge in the fields of Neurosonology, Neurorehabilitation, Cardiocerebral syndromes, cerebral autoregulation, etc. Traditionally, most of the topics are of social importance and will be presented by leading European experts from different countries. Along with the lectures many posters are going to be exhibited in competition for the best poster awards.

As usual, more than 150 specialists, residents and students in Neurology, Angiology, Neurosurgery, Physical Medicine and Rehabilitation, and Kinesiotherapy from Austria, Bulgaria, Croatia, Finland, Germany, Hungary, Latvia and Republic of Macedonia have been registered for this event.

Along with the training, all delegates will have the opportunity to enjoy the traditional meals, folklor and the beauty of Sofia – one of the oldest capitals in Europe.

On behalf of the Organizing Committee I wish you fruitful work!



Academician

Prof. Ekaterina Titianova, MD, PhD, DSc

President of the Bulgarian Society
of Neurosonology and Cerebral Hemodynamics

Welcome Message

Dear Acad. Prof. Titianova,

On behalf of the Military Medical Academy and on my own behalf I would like to congratulate you on the occasion of the Forth National Congress with international participation, organized by the Bulgarian Association of Neurosonology and Cerebral hemodynamics (BSNCH).

The association established itself as a leader not only in Bulgaria but also in Europe. The interest of nearly 200 prominent specialists from the country and abroad for this year's edition is a proof of the prestige of this forum. The Congress of BSNCH brings together an elite, multidisciplinary team of neurologists, neurosurgeons, angiologists, endocrinologists, kinesitherapists around the discussion on innovations in ultrasound diagnostics of the nervous system, modern treatment and prevention of stroke, and post-cerebrovascular accidents.

I am convinced that the exchange of experience and knowledge among colleagues will be extremely useful both in day-to-day work with patients and in expanding the horizons in medical science. It is undisputed, such forums strengthen not only co-operation between medical specialists from different countries, but also gather together around the important cause – the battle with socially significant diseases such as stroke, diabetes and cancer.

Accept once again my congratulations and best wishes for a fruitful and successful work.

Sincerely yours:



Brigadier General
Prof. Ventsislav Mutafchiyski, MD, PhD, DSc, FACS
Chief of Military Medical Academy
Surgeon General

Committees

Chair of the Congress

Ekaterina Titianova (Bulgaria)

Local Organizing Committee

President

E. Titianova (Bulgaria)

Treasurer

E. Christova (Bulgaria)

Programme Secretary

I. Velcheva (Bulgaria)

Members

R. Dimova (Bulgaria)
S. Karakaneva (Bulgaria)
D. Lubenova (Bulgaria)
B. Stamenov (Bulgaria)
M. Staneva (Bulgaria)
Z. Stoyneva (Bulgaria)

Professional Meeting Organizer

New Event Ltd

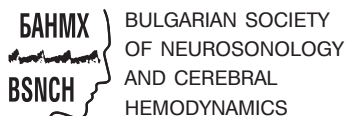
M. Nedeva (Bulgaria)

International Scientific Committee

G. Baltgaile (Latvia)
L. Csiba (Hungary)
V. Demarin (Croatia)
R. Dimova (Bulgaria)

M. Kamenova (Bulgaria)
D. Lubenova (Bulgaria)
K. Niederkorn (Austria)
M. Siebler (Germany)

I. Tarkka (Finland)
E. Titianova (Bulgaria)
D. Vasileva (R Macedonia)
I. Velcheva (Bulgaria)



BULGARIAN ACADEMY
OF SCIENCES AND ARTS



Scientific Programme

FRIDAY, 5 October 2018

**FOURTH NATIONAL CONGRESS
OF THE BULGARIAN SOCIETY
OF NEUROSONOLOGY AND
CEREBRAL HEMODYNAMICS
with International Participation**

National Palace of Culture, Hall 6

Credits: 6 CME

**ЧЕТВЪРТИ НАЦИОНАЛЕН КОНГРЕС
НА БЪЛГАРСКАТА АСОЦИАЦИЯ
ПО НЕВРОСОНОЛОГИЯ И
МОЗЪЧНА ХЕМОДИНАМИКА
с международно участие**

Национален дворец на културата, зала 6

Кредити: 6 CME

Registration	15.00 – 20.00	Регистрация
General Assembly of BSNCH (for members)	16.00 – 17.30	Общо събрание на БАНМХ (за членове)
Satellite Symposium		Сателитен симпозиум
INNOVATIONS IN MEDICINE		ИНОВАЦИИ В МЕДИЦИНАТА
Bulgarian Society of Neurosonology and Cerebral Hemodynamics		Българска асоциация по невросонология и мозъчна хемодинамика
Bulgarian Academy of Sciences and Arts		Българска академия на науките и изкуствата
<i>Moderators: Acad. G. Veleв, Acad. E. Titianova</i>		<i>Модератори: акад. Г. Велев, акад. Е. Титянова</i>
Opening Ceremony	18.00 – 18.15	Официално откриване
New Predictive Molecular Biomarkers in Glioblastoma. <i>Acad. M. Kamenova</i>	18.15 – 18.35 L1	Нови предиктивни молекулярни биомаркери в глиобластома. <i>Акад. М. Каменова</i>
Novel Methods for Continuing Glucose Monitoring. <i>Acad. I. Daskalova, Tz. Totomirova</i>	18.35 – 18.55 L2	Иновативни методи за продължителен глюкозен мониторинг. <i>Акад. И. Даскалова, Ц. Тотомирова</i>
New Aspects in the Consensus Strategy for Acute Ischemic Stroke. <i>Corr. Member I. Velcheva</i>	18.55 – 19.15 L3	Новости в консенсусната стратегия при остър исхемичен мозъчен инсулт. <i>Доп. член И. Велчева</i>
Discussion	19.15 – 19.30	Дискусия
Dinner	20.00 – 23.00	Вечеря

SATURDAY, 6 October 2018

**MODERN TRENDS
IN NEUROSONOLOGY AND STROKE****НОВОСТИ В НЕВРОСОНОЛОГИЯТА
И МОЗЪЧНИЯ ИНСУЛТ**Chairpersons:
*Z. Stoyneva, M. Staneva (Bulgaria)*Модератори:
З. Стойнева, М. Станева (България)

Ultrasound Follow-up after Carotid Revascularization. <i>M. Staneva (Bulgaria)</i>	9.30 – 9.50 L4	Проследяване на пациенти след каротидна ревазуларизация с ултразвук. <i>М. Станева (България)</i>
Mechanical Thrombectomy in Treatment of Acute Ischemic Stroke – Initial Experience in Bulgaria. <i>N. Alioski, Lach. Ivanov, R. Kalpachki, C. Pramatarova, V. Georgiev (Bulgaria)</i>	9.50 – 10.10 L5	Механична тромбектомия при лечение на остър исхемичен мозъчен инсулт – начален опит в България. <i>Н. Алиоски, Лъч. Иванов, Р. Калпачки, Ц. Праматарова, В. Георгиев (България)</i>
Contemporary Therapeutic Approach in Cerebral and Spinal Vascular Diseases. <i>N. Velinov, N. Alioski, M. Laleva, M. Petrov, M. Dimitrova, S. Papazova, N. Gabrovsky (Bulgaria)</i>	10.10 – 10.30 L6	Съвременен подход за лечение на церебралните и спинални съдови заболявания. <i>Н. Велинов, Н. Алиоски, М. Лалева, М. Петров, М. Димитрова, С. Папазова, Н. Габровски (България)</i>
Ischemic Stroke in Children. <i>V. Guergueltcheva (Bulgaria)</i>	10.30 – 10.50 L7	Исхемичен мозъчен инсулт при деца. <i>В. Гергелчева (България)</i>
Coffee Break	10.50 – 11.00	Кафе пауза
Multimodal Ultrasound Diagnosis in Neuroophthalmology. <i>E. Titianova, S. Cherninkova (Bulgaria)</i>	11.00 – 11.20 L8	Мултимодална ултразвукова диагностика в невроофтальмологията. <i>Е. Титянова, С. Чернинкова (България)</i>
Neurosonology and Hemorheology in Bulgaria. <i>I. Velcheva, E. Titianova, A. Antonova (Bulgaria)</i>	11.20 – 11.40 L9	Невросонология и хемореология в България. <i>И. Велчева, Е. Титянова, А. Антонова (България)</i>
Practical Workshop in Neurosonology. <i>M. Klisurski, S. Karakaneva, I. Petrov</i> Practical Demonstration.	11.40 – 12.00	Практически семинар по невросонология. <i>М. Клисурски, С. Караканева, И. Петров</i> Практическа демонстрация.
Carotid Pathology and Other Rare Etiologies for Ischemic Stroke – Case Reports <i>M. Klisurski (Bulgaria)</i>	L10	Каротидна патология и други редки причини за исхемичен мозъчен инсулт – клинични случаи <i>М. Клисурски (България)</i>
Satellite Symposium of UCB. Neuroprotection. <i>Moderator: E. Titianova</i> Neuroprotection with Piracetam. <i>S. Mantarova (Bulgaria)</i>	12.00 – 12.30	Сателитен симпозиум UCB. Невропротекция. <i>Модератор: Е. Титянова</i> Невропротекция с Piracetam. <i>С. Мантарова (България)</i>
Lunch	12.30 – 14.30	Обяд
Poster Sessions	14.30 – 16.00	Постерни сесии

International Symposium**Международен симпозиум****Part I.
NEUROREHABILITATION****Част I.
НЕВРОРЕХАБИЛИТАЦИЯ**

Chairpersons:

M. Siebler (Germany), D. Lubenova (Bulgaria)

Модератори:

М. Зиблер (Германия), Д. Любенова (България)

Enhancing Neuroplasticity for Improving Recovery After Stroke. <i>V. Demarin (Croatia)</i>	16.00 – 16.30 L11	Невропластичност и стимулиране на възстановяването след инсулт. <i>В. Демарин (Хърватия)</i>
Update Stroke Rehabilitation. <i>M. Siebler, H. Hefter, D. Raab, A. Kecskemethy (Germany)</i>	16.30 – 17.00 L12	Новости при рехабилитацията след инсулт. <i>М. Зиблер, Х. Хефтер, Д. Рааб, А. Кешкемети (Германия)</i>
Neuroplasticity in the Sensory System: Special Reference to Pain. <i>I. Tarkka (Finland)</i>	17.00 – 17.30 L13	Невропластичност на сетивната нервна система: специален акцент към болката. <i>И. Тарка (Финландия)</i>
Discussion	17.30 – 17.45	Дискусия
Coffee Break	17.45 – 18.00	Кафе пауза

**Part II.
RISK FACTORS, CEREBRAL HEMODYNAMICS AND STROKE****Част II.
РИСКОВИ ФАКТОРИ, МОЗЪЧНА ХЕМОДИНАМИКА И ИНСУЛТ**

Chairpersons:

K. Niederkorn (Austria), E. Titianova (Bulgaria)

Модератори:

К. Нидеркорн (Австрия), Е. Титянова (България)

Stroke in Bulgaria. <i>E. Titianova (Bulgaria)</i>	18.00 – 18.10 L14	Мозъчен инсулт в България. <i>Е. Титянова (България)</i>
Evolution of Recanalising Strategies in Acute Ischemic Stroke. <i>K. Niederkorn (Austria)</i>	18.10 – 18.30 L15	Оценка на рекализационните стратегии при остър исхемичен мозъчен инсулт. <i>К. Нидеркорн (Австрия)</i>
Assessment of the Vulnerability of Atherosclerotic Plaque by Different Ultrasound Techniques. <i>G. Baltgaile (Latvia)</i>	18.30 – 18.50 L16	Оценка на агресивността на атеросклеротичните плаки чрез различни ултразвукови техники. <i>Г. Балтгайле (Латвия)</i>
Orthostatic Cerebral Hemodynamics in Patients with Left Ventricular Assist Devices (LVAD). <i>M. Siebler (Germany)</i>	18.50 – 19.10 L17	Ортостатична мозъчна хемодинамика при болни с Left Ventricle Assist Devices (LVAD). <i>М. Зиблер (Германия)</i>
Neurosonology and Pharmatrials: Focus on Hypertension. <i>L. Csiba (Hungary)</i>	19.10 – 19.30 L18	Невросонология и фармакологични проучвания: фокус върху хипертонията. <i>Л. Циба (Унгария)</i>
Discussion	19.30 – 19.50	Дискусия
Official Dinner Awards.	20.00 – 23.00	Гала вечеря. Награди.

SUNDAY, 7 October 2018

Departure	12.00	Отпътуване
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TIMETABLE

Time	FRI 5.10.2018	SAT 6.10.2018	SUN 7.10.2018	Time								
08.00–08.30	<p>FOURTH NATIONAL CONGRESS of the Bulgarian Society of Neurosonology and Cerebral Hemodynamics with International Participation</p>	Reception desk opening	<p>Reception desk opening</p>	08.00–08.30								
08.30–09.00		<p>MODERN TRENDS IN NEUROSONOLOGY AND STROKE</p>		<p>Reception desk opening</p>	08.30–09.00							
09.00–09.30					<p>Satellite Symposium of UCB</p>	09.00–09.30						
09.30–10.00						<p>Lunch</p>	09.30–10.00					
10.00–10.30							<p>Poster Sessions</p>	10.00–10.30				
10.30–11.00								<p>International Symposium Part I. NEUROREHABILITATION</p>	10.30–11.00			
11.00–11.30									<p>International Symposium Part II. RISK FACTORS, CEREBRAL HEMODYNAMICS AND STROKE</p>	11.00–11.30		
11.30–12.00										<p>Official Dinner</p>	11.30–12.00	
12.00–12.30											<p>Official Dinner</p>	12.00–12.30
12.30–13.00												<p>Official Dinner</p>
13.00–13.30	<p>Official Dinner</p>		13.00–13.30									
13.30–14.00		<p>Official Dinner</p>	13.30–14.00									
14.00–14.30			<p>Official Dinner</p>	14.00–14.30								
14.30–15.00				<p>Official Dinner</p>	14.30–15.00							
15.00–15.30					<p>Official Dinner</p>	15.00–15.30						
15.30–16.00						<p>Official Dinner</p>	15.30–16.00					
16.00–16.30							<p>Official Dinner</p>	16.00–16.30				
16.30–17.00								<p>Official Dinner</p>	16.30–17.00			
17.00–17.30									<p>Official Dinner</p>	17.00–17.30		
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18.00–18.30	<p>Official Dinner</p>										18.00–18.30	
18.30–19.00		<p>Official Dinner</p>									18.30–19.00	
19.00–19.30			<p>Official Dinner</p>								19.00–19.30	
19.30–20.00				<p>Official Dinner</p>							19.30–20.00	
20.00–21.00					<p>Official Dinner</p>						20.00–21.00	
21.00–22.00						<p>Official Dinner</p>					21.00–22.00	

Credits:
6
Bulgarian CME

