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Pokroviteljstvo



Република Србија
МИНИСТАРСТВО ЗДРАВЉА



Република Србија
МИНИСТАРСТВО ДРЖАВНЕ УПРАВЕ
И ЛОКАЛНЕ САМОУПРАВЕ

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pokroviteljstvo



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HISPA TRILATERALA

Kardiovaskularni izazovi na raskršću balkanskih puteva

u organizaciji

Udruženja centara za hipertenziju, prevenciju infarkta i šloga (HISPA)

HISPA TRILATERAL

Cardiovascular challenges on Balkan roads crossing

Organized by

Hypertension, Infarction & Stroke Prevention Association (H.I.S.P.A)

15 – 17 September 2017.

Hotel Palisad, Serbia





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Poštovane kolege,

Sa željom da nastavimo sa uspešnim sprovođenjem stručnog i edukativnog programa HISPA udruženja, koje je započeto HISPA kongresom u oktobru 2016. godine u Beogradu, odlučili smo da u 2017. godini održimo regionalni simpozijum "Kardiovaskularni izazovi na raskršću balkanskih puteva" koji će se održati na Zlatiboru u hotelu Palisad od 15-17. septembra 2017. godine.

Odabrali smo zapadnu Srbiju i Zlatibor kao mesto gde ćemo sjediniti i prezentovati naš rad i program zajedno sa HISPA centrima iz Crne Gore i Bosne i Hercegovine zbog geografskog položaja, ali i visoko postavljenih standarda u organizaciji ovakvih skupova. Prirodne lepote same planine kao i visoko pozicionirane turističke destinacije u okolini - Mokra Gora, Andrićgrad, reka Drina, Zlatar, kanjon Uvca biće još jedan razlog zbog čega želimo da Vas dočekamo u našem kraju i da Vam pružimo gostoprimstvo koje će te pamtit.

Bogat naučni program u toku simpozijuma biće prožet mogućnostima obilaska turističkih destinacija po Vašoj želji, kao i upoznavanje sa običajima i kulturnim nasleđem našeg kraja. Takođe, brojni gosti iz susednih država i inostranstva imaju priliku da čuju i vide naša dosadašnja iskustva u radu, ali i da nam prenesu svoja znanja, a uz druženje i turistički program da se upoznaju sa lepotama naše Srbije.

Pozivamo Vas da budete naši gosti i da nakon pozitivnih iskustava koje će te poneti sa Zlatibora nastavite sradnju sa HISPA udruženjem.

Dr Zoran Čitaković
predsednik Organizacionog odbora

Dear Colleagues,

After successful HISPA meeting in October 2016. in Belgrade, we decided to continue educational HISPA activities in 2017. with organization of new regional event. This event will take place in hotel Palisad on mountain Zlatibor from 15-17. september 2017. with title "Cardiovascular challenges on Balkan road crossings".

West Serbia and Zlatibor have specific geographic position for three countries: Serbia, Bosnia and Herzegovina and Montenegro and it is unique place for presentation of HISPA achievements due to high organizational standards. Natural beauty of Zlatibor mountain and surroundings like Mokra Gora, Andricgrad, river Drina, Zlatar, canyon Uvac and our generous hospitality are additional reasons to join us in congress and out-of-congress activities.

Rich scientific program will be combined with educational activities related to customs and cultural heritage of West Serbia region. Numerous guests from all over the world will present us their knowledge and experience in joint sessions.

We cordially invite You to be our guests and with positive experience from Zlatibor continue cooperation with HISPA association.

Dr Zoran Čitaković
President of Organizational Committee



HISPA Dobrodošlica / Welcome from HISPA

Drage kolege,

Velika mi je čast i zadovoljstvo da Vam u ime Naučnog Odbora poželim dobrodošlicu na predivnu planinu Zlatibor i prvi HISPA Trilateralan sastanak.

Na ovom kongresu biće predstavljen sveukupni pregled najnovijih kliničkih i naučnih istraživanja na polju preventivne, interne i kardiovaskularne medicine. Želimo da upravo na ovoj divnoj planini ("Raskršće Balkanskih puteva") lekari i medicinski tehničari iz svih krajeva sveta kroz naučni rad i druženje razmenjuju ideje i iskustva.

HISPA povezuje pacijente, lekare, medicinske tehničare i pomaže društvu u celini. HISPA sastanci su istovremeno ekspertski sastanci i divno druženje kolega i prijatelja. Upravo će na ovom sastanku HISPA zdravstveni radnici prezentovati najnovije naučne radove povezane sa implementacijom personalizovanog i multidisciplinarnog HISPA programa u HISPA centrima.

Mnogi istaknuti naučnici iz celoga sveta će uzeti aktivno učešće u radu HISPA kongresa. Biće prikazana "nauka kroz prizmu kliničkog iskustva".

Posebno zahvalnost dugujemo farmaceutskoj industriji i drugim sponzorima i prijateljima zbog velikodušne pomoći HISPA programu, članovima i kolegama.

U ime naučnog odbora pridružujem se dr Zoran Čitakoviću, i želim Vam uspešan rad i druženje na našem kongresu HISPA TRILATERALA.

Iskreno Vaš,

*Prof. Dr Nebojša Tasić
Predsednik naučnog komiteta
Predsednik, HISPA*

Dear Colleagues,

On behalf of the Scientific Committee, it is my great pleasure to welcome you to beautiful mountain Zlatibor and to the First Trilateral HISPA meeting.

The Congress has been designed to provide a comprehensive overview of the latest research developments in the field of preventive, internal and cardiovascular medicine. It is unique opportunity, in the settings of the beautiful mountain Zlatibor ("Balkan crossing"), for exchange of ideas, experience and science between colleagues from all parts of the world.

HISPA proved to care about patients, doctors, nurses and society. HISPA meetings provides unique opportunity for exchange of expert and scientific knowledge and for exquisite social life. In this meeting HISPA doctors and nurses will present latest scientific papers related to personalized and multidisciplinary approach in HISPA centers.

Many distinguished scientists from around the globe have joined the faculty and will take part in this Congress. You will be presented „science translated to clinical practice“.

We would like to express our thanks to the pharmaceutical and manufacturing industry for their generous support, to our dedicated staff, colleagues and friends for their help.

On behalf of the scientific committee, I join dr Zoran Čitaković, in giving a warm welcome to HISPA TRILATERALA.

Yours sincerely,

*Prof. Dr Nebojša Tasić
President, Scientific committee
President, HISPA*

OPŠTE INFORMACIJE

**Website kongresa**

<https://hispa-kongres.webix.tv/>

Za određene sesije biće omogućen direktan prenos na internetu na sajtu www.hispa.rs

Akreditacija

Program Kongresa je akreditovan od strane Zdravstvenog saveta Srbije sa sledećim brojem bodova:

Predavači: 9 bodova

Usmene prezentacije: 8 bodova

Poster prezentacije: 6 bodova

Pasivno učešće: 5 bodova

Bedževi

Bedževi sa imenom i prezimenom se moraju nositi na svim sesijama

Adresa održavanja HISPA TRILATERALA kongresa

Hotel Palisad

Zlatibor, Serbia

Tel: + 381 112204004, Fax: +381 112204104

Predstavljanje kompanija

Molimo Vas da odvojite vreme i posetite prezentacije naših sponzora. Više informacija ćete naći na našem website-u.

Internet

Bесплатан Wi-Fi je obezbeđen u hotelu Palisad tokom trajanja kongresa.

Ručak i kafe pauze

Ručak je obezbeđen za sve učesnike u subotu 14. septembra 2017. godine. Kafe pauze su predviđene prema programu.

Mobilni telefoni/Elektronika

Molimo Vas da Vaši mobilni telefoni i drugi elektronski uređaji budu utišani/isključeni tokom naučnog programa.

Poster

Prezentacije postera će biti tokom kafe pauza i ručka. Molimo Vas da Vaši poster i budu predstavljeni tokom celog trajanja skupa. Moraju se ukloniti do nedelje, 17. septembra do 11h.

Pitanja za predavače

Tokom diskusije molimo učesnike koji žele da postavljaju pitanja, da dizanjem ruku pozovu tehničko osoblje i sačekaju da dobiju mikrofon pre postavljanja pitanja.

Registracija

Organizator konferencije ARIA, će biti prisutan na registracionom desku, spreman da pomogne oko svih potrebnih pitanja vezanih za HISPA TRILATERALA kongres.

Vreme rada deska za registraciju:

Petak, 15. septembar 2017. 17:00-19:00 časova.

Subota, 16. septembar 2017. 08:00-18:00 časova.

Nedelja, 17. septembar 2017. 08:00-11:00 časova.

Ceremonija otvaranja

Hotel Palisad, 15. septembar 2017. u 19:00 časova.

SOCIJALNI PROGRAM

Koktel dobrodošlice

Petak, 15. septembar, posle ceremonije otvaranje

Gala večera

Subota, 16. septembar u 20 časova

Za planirane ekskurzije molimo Vas da kontaktirate organizatora

GENERAL INFORMATION

**Congress website**

<https://hispa-kongres.webix.tv/>

For some sessions live streaming will be available on site
www.hispa.rs

Accreditation

Congress is accredited by Serbian Health Council:

Lecturers: 9 points

Oral presentation: 8 points

Poster presentation: 6 points

Participation: 5 points

Badges

Name Badges must be worn all time throughout the meeting.

Conference Venue Full Address

Hotel Palisad

Zlatibor, Serbia

Tel: + 381 112204004. Fax: +381 112204104

Exhibition

Please ensure you take time to visit and support the companies exhibiting at HISPA TRILATERALA. Further information about the sponsor and exhibitors are available on the website.

Internet Access

Wi-Fi is provided free of charge for all participants.

Lunch and Refreshments

Lunch will be provided for all participants on Saturday September 16th, 2017.

Mobile/Cell Phone & Electronic

As a courtesy to speakers and other delegates, please ensure that mobile/cell phones, tablets and other electronic devices are switched to silent during sessions.

Posters

September 16th and 17th during lunch and coffee breaks. All posters should be mounted and displayed during the full meeting. Access will be available from 8:00 in the morning. All posters must be removed by 11:00 on the last day.

Questions to Speakers

During discussion periods delegates who wish to ask a question should raise their hand clearly and wait to be acknowledged by the chairperson. Please do not ask a question until you have been given a microphone.

Registration desk

The conference organizers, ARIA Conference & Events will be located at the Registration Desk and will be pleased to assist you with queries throughout the conference.

The Registration Desk will be open at the following times:

Friday, September 15th 2017. 17:00-19:00 h

Saturday, September 16th 2017. 08:00-18:00 h

Sunday, September 17th 2017. 08:00-11:00 h

Speaker Preview

All oral presenters should meet with the audio-visual technician in speaker preview room at the earliest opportunity and at the very latest two hours before the start of the session in which the presentation will take place.

Opening Ceremony

Hotel Palisad on September 15th 2017 at 7 p.m.

SOCIAL PROGRAMME**Cocktail Party**

Cocktail Party will take place on Friday September 15th after opening ceremony

Gala Dinner

Gala dinner will take place in hotel Palisad on Saturday, September 16th at 20:00.

Excursions

For more information please contact Conference organizers



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METHIONINE VERSUS HOMOCYSTEINE: FUTURE DIRECTIONS IN CARDIOVASCULAR RESEARCH

Djuric Dragan¹, Krstic Danijela², Colovic Mirjana³, Jakovljevic Jovana¹, Jakovljevic Vladimir⁴, Tasic Nebojsa⁵
¹Institute of Medical Physiology "Richard Burian", Faculty of Medicine, University of Belgrade, Belgrade, Serbia
²Institute of Medicinal Chemistry, Faculty of Medicine, University of Belgrade, Belgrade, Serbia
³Institute of Nuclear Sciences "Vinca", University of Belgrade, Belgrade, Serbia
⁴Department of Physiology, Faculty of Medical Sciences, University of Kragujevac, Kragujevac, Serbia
⁵Dedinje Cardiovascular Institute and Faculty of Medicine, University of Belgrade, Belgrade, Serbia

L-methionine, the principal sulfur-containing amino acid in proteins, has important roles in cell physiology as an antioxidant, and in the breakdown of fats and heavy metals. Methionine is the precursor of homocysteine, and participates in the methylation and transsulfuration pathways. Elevated total plasma homocysteine (hyperhomocysteinemia) is associated with atherosclerosis, thromboembolic disease and cancer. Whether homocysteine *per se* or a coincident metabolic abnormality (homocysteine-related compounds, thiolactone metabolites) causes vascular disease is still an open question. Animals with genetic hyperhomocysteinemia have so far not displayed atheromatous lesions. However, when methionine-rich diets are used to induce hyperhomocysteinemia, vascular pathology is often observed. Such studies have not distinguished the effects of excess dietary methionine from those of hyperhomocysteinemia. It is known that high methionine diet, not only red meat for example lamb, beef, pork but

also chicken meat can induce cardiovascular dysfunction but the mechanisms are unclear. It has been hypothesized that a diet rich in methionine can malfunction the cardiovascular system in three ways: (1) by augmenting oxidative stress, (2) by inflammatory manifestations, and (3) by matrix/vascular remodeling. However, some evidence indicates that an excess of methionine can be harmful for other systems, and can increase the risk of developing type-2 diabetes, certain types of cancer, brain alterations such as schizophrenia, and memory impairment. However this is still controversial because previous studies suggesting the use of L-methionine as a treatment for depression and other diseases indicate that it might also improve memory (role in brain function). Thus, the direction of our research is to further elucidate mechanisms of cardiovascular and neural effects of homocysteine vs. methionine overload.

Keywords: L-methionine, homocysteine

MYOCARDIAL INFARCTION IN THE ELDERLY: INCIDENCE AND RISK FACTORS

A. Stevanovic¹, N. Tasic², D. Tasic³, D. Dragisic³, M. Deljanin-Ilic⁴, S. Stojanovic⁴, Z. Citakovic⁵
¹Railway Health Care Institute, Belgrade, Serbia
²Cardiovascular Institute „Dedinje“, Belgrade, Serbia
³Univeristy Hospital Center „Dr Dragisa Misovic – Dedinje“, Belgrade, Serbia
⁴Institute of Cardiology "Niska Banja", Medical Faculty University of Nis, Serbia
⁵General Hospital „Uzice“, Uzice, Serbia

Background: Cardiovascular heart disease represents the leading cause of death in both men and women older than 65. Hypertension, dyslipidemia, impaired glucose tolerance, and obesity remain the major modifiable risk factors for most of the coronary disease afflicting the elderly. To determine the incidence of acute myocardial infarction (AMI) in patients over 65 years and its relation to common risk factors.

Methods: We retrospectively studied 1316 patients older than 65 years (mean age 73±13,5), 758 male (57,6%) and 558 female (42,4%), with high percentage of obese and overweight patients (BMI 28,4±4,3). Patients were evaluated for age, sex, dyslipidemia, diabetes, hypertension, smoking and left ventricular hypertrophy.

Results: History of AMI had 128 patients (9,7%), type 2 Diabetes mellitus 303 (23%), arterial hypertension 1106 (84%), dyslipidemia 756 (57,4%) and 345 (26,2%) history of smoking. There was a statistically significant correlation between AMI

and smoking duration (p=0,061, p=0,029) and number of cigarettes per day (p=0,062, p=0,027).

The relative risk was significantly increased in male over female patients (RR=0,683, p<0,001); in diabetic patients (RR=0,651, p=0,003); hypertensive patients (RR=0,085, p=0,002), patients with dyslipidemia (RR=0,778, =0,001) and in smokers (RR=0,492, p<0,001).

Conclusions: Patients older than 65 have an increased risk for the development of AIM with male sex and with traditional risk factors such as diabetes, hypertension, dyslipidemia and smoking. Unfortunately hsCRP, homocysteine or novel cardiovascular risk factors (activation of the cytokine cascade, increased oxidative stress, and the presence of modified lipoproteins (Lpa)) were not evaluated. Further research is needed for the study of the importance of novel risk factors for the increased risk of coronary heart disease in older patients.

Keywords: myocardial infarction, risk factors

