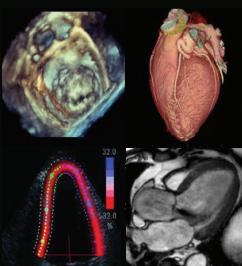


March 8-9, 2019
Belgrade, Serbia, Crowne Plaza Hotel

Treći kongres
Kardiovaskularnog
Imidžinga
Srbije 2019
sa međunarodnim učešćem



The Third Congress of
Cardiovascular
Imaging of
Serbia 2019
with international participation



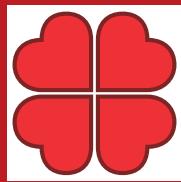
Under the Patronage of
HRH Crown Princess Katherine

FINALNI PROGRAM
FINAL PROGRAMME



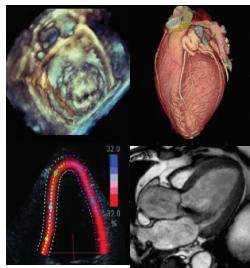
ORGANIZATOR/ORGANISER

**Radna grupa za kardiovaskularni imidžing Udruženja kardiologa Srbije/
Working group on cardiovascular imaging of the Cardiology Society of Serbia**



Institut za kardiovaskularne bolesti Dedinje





Treći kongres
Kardiovaskularnog
Imidžinga
Srbije 2019
sa međunarodnim učešćem
Beograd, 8-9. mart 2019.

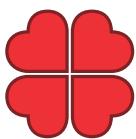
The Third Congress of
Cardiovascular
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Belgrade, March 8-9, 2019

FINALNI PROGRAM

FINAL PROGRAMME



Cardiology Society of Serbia



Institut za kardiovaskularne
bolesti „Dedinje“



KLINIČKI CENTAR SRBIJE

<http://www.uksrb.rs>



DOBRODOŠLICA

Treći Kongres kardiovaskularnog imidžinga u Srbiji je od velikog značaja za Udruženje kardiologa Srbije i predstavlja kontinuitet sa prethodna dva kongresa koji su održani 2015 i 2017 godine. Cilj ovog kongresa je da mladim kolegama i kardiologima omogući najbolju edukaciju, kao i osnovu za buduća istraživanja u svim modalitetima kardiovaskularnog imidžinga.

Radna grupa za kardiovaskularni imidžing razvila je snažnu međunarodnu mrežu, ko- risteći zajedničke aktivnosti sa EACVI i mnogim drugim inostranim udruženjima i u oblasti kliničke edukacije i istraživačkog rada. Ovaj kongres, uz učešće priznatih eksperata i uvaženih profesora iz oblasti kardiovaskularnog imidžinga, je još jedan korak u unapređenju i učvršćivanju ove saradnje.

Važan deo našeg kongresa je prikaz radova, zasnovanih na ličnom iskustvu, zbog čega će svi prihvaćeni apstrakti biti prikazani u formi moderiranih postera. Molimo Vas da posetite salu gde će biti postavljeni posteri i razmenite ideje i sugestije sa našim mladim kardiologima-istraživačima. Učešće mladih istraživača iz oblasti kardiologije i radiologije će biti stimulisano i podržano kroz organizaciju radionica, praktičnih sesija i kliničkih seminarata.

Želeli bi i da se zahvalimo našim partnerima koji su nas pomogli, pre sevega General electric, MD imaging, Institutu za kardiovaskularne bolesti "Dedinje", Pfarma swiss, Bayer, Avlogen, Mides.com, Schiller.

Beograd je poznat po svojoj bogatoj istoriji, kulturi i gostoljubivosti. Ponosni smo i srećni što Vas imamo za goste i nadamo se da ćete uživati u vremenu provedenom u našem glavnom gradu.

Dobrodošli u Srbiju, zemlju poznatu po umnim ljudima, koji su proneli slavu svoje domovine širom sveta. Lista naših znamenitih ljudi je velika, pre svih: Nikola Tesla, Milutin Milanković, Mihajlo Pupin, Ivo Andrić, Mileva Marić Einstein, Nadežda Petrović, Vojvoda Živojin Mišić, Vojvoda Stepa Stepanović, Milunka Savić, Stevan Mokranjac, kao i naši savremenici Emir Kusturica i Novak Đoković.

Velika je čast za Udruženje kardiologa Srbije što je njeni visočanstvo, princeza Katarina Karađorđević pokrovitelj ovog kongresa koji promoviše ono najbolje što pruža medicina kao profesija.

Hvala vam što ste uzeli učešće na trećem Kongresu Kardiovaskularnog Imidžinga u Beogradu 2019. Očekujemo Vas ponovo na sledećem kongresu 2021. u Novom Sadu.

Prof. dr sci med Ljiljana Jovović
Predsednik radne grupe za kardiovaskularni imidžing
Udruženja kardiologa Srbije

WELCOME NOTE

The Third Congress of Cardiovascular Imaging of Serbia is the Congress of great importance for our National Society and represents continuity with the previous two congresses held in 2015 and 2017. The aim of this congress is to provide young colleagues and cardiologists with the best education and the basis for future research in all modalities of Cardiovascular Imaging.

The Working Group on Cardiovascular Imaging of Serbia has developed a strong international network, using joint activities with EACVI and many other international associations in the field of clinical education and research work.

This Congress, with the participation of renowned experts and professors in the field of Cardiovascular Imaging, is another step in the improvement and further cooperation.

An important part of our Congress is a presentation of works based on personal experience, which will make all accepted abstracts in the form of moderated posters. Please, visit the area, where posters will be placed and exchange ideas and suggestions with our young cardiologists. The participation of young researchers in the field of cardiology and radiology will be stimulated and supported through the organization of workshops, practical sessions and clinical seminars.

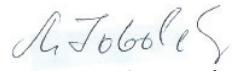
You would also like to thank our partners who helped us, including General electric, MD imaging, Institute for cardiovascular diseases "Dedinje", Pfarma swiss, Bayer, Avlogen, Mides.com, Schiller

Belgrade is town with rich history, culture and hospitality. We are proud and happy to have you for our guests and we hope that you will enjoy the time spent in Serbian capital.

Welcome to Serbia, a country world known for great minds who brought fame and reputation to their homeland. The list of our famous people is great but let me mention just a couple of them: Nikola Tesla, Milutin Milanković, Mihajlo Pupin, Ivo Andrić, Mileva Marić Einstein, Nadežda Petrović, Vojvoda Živojin Mišić, Vojvoda Stepa Stepanović, Milunka Savić, Stevan Mokranjac and our contemporaries Emir Kusturica and Novak Đoković.

It is a great honor for our Cardiology Society of Serbia to have Her Royal Highness Crown Princess Katherine Karađorđević, as a patron of this Congress that promotes the best of excellence of medical profession.

Thank you for being a part of The Third Congress on Cardiovascular Imagination in Belgrade 2019. We expect you again at the next CIS 2021 in Novi Sad.


Professor dr Ljiljana Jovović, MD, PhD
President of the WG for cardiovascular imaging of the
Cardiology Society of Serbia

OSNOVNE INFORMACIJE O KONGRESU/ BASIC CONGRESS INFORMATIONS

IME KONGRESA / THE NAME OF THE CONGRESS

Treći kongres kardiovaskularnog imidžinga Srbije/
The Third Congress of Cardiovascular Imaging of Serbia

ORGANIZATOR / ORGANISER

Radna grupa za kardiovaskularni imidžing Udruženja kardiologa Srbije/
Working group on Cardiovascular Imaging of the Cardiology Society of Serbia
Koste Todorovića 8, 11000 Beograd, Srbija Tel: +381 11 361 56 28
mail: kontakt@uksrb.rs www.uksrb.rs

MESTO ODRŽAVANJA KONGRESA / CONGRESS VENUE

CROWNE PLAZA hotel, Vladimira Popovića 10, 11070 Beograd, Srbija Hotel
Front Desk: 381-11-2204115
Hotel Fax: 381-11-2204104
Hotel Email: begcp.frontdesk@ihg.com

VРЕМЕ ОДРŽАВАЊА КONGRESA / CONGRESS TIME

08-09. mart 2019 / 08-09th. March 2019

KOTIZACIJA / REGISTRATION FEE

Kotizacija za kongres iznosi 100 evra + PDV.
Za studente ulaz je besplatan, uz indeks ili potvrdu.
Registration fee is 100 Euros+VAT.
For students entrance is free with index or other form of confirmation.

JEZICI KONGRESA/ LANGUAGES OF THE CONGRESS

Zvanični jezici kongresa su srpski i engleski.
The official languages during the congress are English and Serbian.

OSNOVNE INFORMACIJE O KONGRESU/ BASIC CONGRESS INFORMATIONS

PROGRAM INDUSTRIJE / *INDUSTRY PROGRAMME*

Naši partneri iz imidžing industrije ponudili su bogat edukativni program tokom kongresa od demonstracije ehokardiografskih mašina i radnih stanica na izložbi do radionice/ imidžing kampusa. Predlažemo učesnicima kongresa da iskoristite ovu jedinstvenu priliku i da upoznaju najbolje ponude industrije kardiovaskularnog imidžinga Evrope i sveta u Srbiji.

Our industry partners offer interesting and rich educational programme during the congress, from demonstration of the modern imaging machines on exhibition to imaging campus. We recommend participants to take this unique opportunity to get familiar with the latest medical solutions in cardiovascular imaging of Europe and world, here in Serbia.

DOSTUPNOST INTERNETA / *INTERNET AVAILABILITY*

U holu hotela Crowne Plaza i salama za predavanje dostupan je besplatan bežični internet.

Free wireless internet is available in the central hall and meeting rooms of Crowne plaza hotel.

AKREDITACIJA KONGRESA

U toku je akreditacija kongresa kod Zdravstvenog saveta Srbije

The accreditation process by the Health council of Serbia is in progress.

SVAKODNEVNE NOVOSTI SA KONGRESA NA INTERNETU / *EVERYDAY CONGRESS NEWS ON INTERNET*

Saznajte svakodnevno šta se događalo na kongresu preko interneta. Na sajtu www.uksrb.org pročitajte dnevne izveštaje naših reportera volontera sa ključnih sesija svakog dana.

We provide daily updates and the latest news on the key sessions during the Congress. You can read daily reports written by our volunteer reporters on the web page www.uksrb.org.

OSNOVNE INFORMACIJE O KONGRESU/ BASIC CONGRESS INFORMATIONS

POSTANITE ČLAN RADNE GRUPE ZA KARIDOVASKULARNI IMIDŽING UKS / *BECOME A MEMBER OF WG FOR CARDIOVASCULAR IMAGING CSS*

Članstvo u radnoj grupi za kardiovaskularni imidžing Srbije je besplatno. Postanite član! Dovoljno je da popunite prijavu na registracionom desku (ne zaboravite broj Vaše licence).

Membership in the WG on cardiovascular imaging of the Cardiology Society of Serbia is free. Become a member! All you have to do is to fill in the registration form on the registration desk (do not forget your license number).

INFORMACIJE O POSTER PREZENTACIJAMA / *INFORMATION REGARDING POSTER PRESENTATIONS*

Originalni radovi prihvaćeni za poster prezentaciju treba da budu postavljeni u subotu 09. marta u periodu od 11:00 do 12:30. Autor treba da bude pored postera u toku sesije "moderirani posteri" (subota 9. mart od 12:30 do 13:30).

Original abstract accepted for poster presentation should be displayed on Saturday March the 9th from 11:00 -12:30. The presenting author should be present by the poster during moderated poster sessions (Saturday March the 9th from 12:30-13:30).

NAGRADA ZA NAJBOLJEG AUTORA / *THE BEST AUTHOR AWARD* (plaćena kotizacija za učešće na EuroEcho Imaging kongresu u Beču 2019. godine)

Tehnička Organizacija Kongresa: Rubikon travel end events

(Direktor Mirko Levajac e-mail: kongresi@rubicontravel.rs; tel: 011-3981411)

Technical Organization: accommodation and transfers Rubikon travel end events

(Director Mirko Levajac e-mail: kongresi@rubicontravel.rs; tel: 011-3981411)

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Profesor dr **Ana Dikić Đorđević**, sadašnji predsednik Udruženja kardiologa Sr-
bije/*President, Cardiology Society of Serbia*

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Prof dr Ljiljana Jovović

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General Secretary of the congress

dr sci med Ivana Petrović

dr Nikola Bošković

dr Jovana Lakčević

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Ivanović Vladimir	Nikolić Aleksandra	Stojanović Ivan
Jagić Nikola	Obrenović-Kirćanski Biljana	Stojšić Anastazija
Jovanović Ida	Orlić Dejan	Trifunovic -Zamaklar
Jovović Ljiljana	Ostojić Miodrag	Danijela
Kalimanovska -Oštirić Dimitra	Otašević Petar Potpara	Šaponjski Jovica
Komazec Nikola	Tatjana	Šobić-Šaranović Dragana
Košutić Jovan	Petrović Milan	Zdravković Marija

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Bošković Srđan	Nestorović Emilija	Hinić Saša
Vidaković Radoslav	Nebojša Ninković	Šarenac Dragana
Vuković Milan	Matić Milica	
Dabić Petar	Mehmedbegović Zlatko	

INOSTRANI PREDAVAČI PO POZIVU / INVITED INTERNATIONAL FACULTY

Bunc Matijaz (SLO) University Medical Centre, Ljubljana

Kovačević- Preradović Tamara (RS-BiH), Head, Department of Cardiology University Clinical Centre of the Republic of Srpska

Jukić Mladen (CRO), Director of Agram hospital

Lapinskas Tomas (LIT), Department of Cardiology, Lithuanian University of Health Sciences

Lazarević Aleksandar (RS-BiH), Professor of Internal Medicine/Cardiology, Faculty of Medicine, Univeristy of Banja Luka, Republic Srpska

Saša Lončar (RS-BiH) Head of Interventional Cardiology, University Clinical Centre of the Republic of Srpska

Liegeois Radojević Jelena (FR), Groupement d'Explorations Cardiologiques et Radiovasculaires, Clinique de l'Orangerie, Strasbourg

Petrov Ivo (BG), Acibadem City Clinic, Cardiovascular Clinic, Sofia

Podlesnikar Tomaz (SLO), University Medical Centre, Maribor

Somerville Jane (UK), Emeritus Professor at Imperial College of London

Stanetić Bojan (RS-BiH), Department of Cardiology, University Clinical Centre of the Republic of Srpska

Stankov Zoran (BG) Acibadem City Clinic, Cardiovascular Clinic, Sofia

Sutherland George (UK), Head, Department of Cardiological Sciences, St. George's Hospital Medical School Cranmer Terrace, London, Visiting Professor and Senior Research Fellow, University of Leuven/University Ziekenhuis Brussels, Belgium

Vulić Duško (RS-BiH), Professor of Internal Medicine/Cardiology, School of medicine/ University of Banja Luka, Republic of Srpska

Thiena Gaetano (IT), Professor of Pathology, University of Padova, Foreign member of the Serbian Academy of Science and Art

TIPOVI SESIJA / SESSION TYPES

SESIJA ZA UČENJE/ TEACHING SESSION

GLAVNA SESIJA/ MAIN SESSION

INTERAKTIVNA SESIJA SA PRIKAZIMA SLUČAJEVA (DICE)/ DICE SESSION

MULTIMODALITETI IMIDŽINGA/ MULTIMODALITY IMAGING

KLINIČKI FOKUSIRANA SESIJA/ CLINICAL SEMINAR

PREPORUČENA SESIJA/ RECOMMENDED SESSION

RADIONICE/ IMAGING CAMPUS

GLAVNE TEME KONGRESA / MAIN CONGRESS THEMES

**1. MULTIMODALITETI IMIDŽING STRUKTURNIH OBOLJENJA SRCA /
MULTIMODALITY IMAGING OF STRUCTURAL HEART DISEASES**

2. KONTRASTNA EHOKARDIOGRAFIJA / CONTRAST ECHOCARDIOGRAPHY

3. 3D EHOKARDIOGRAFIJA / 3D ECHOCARDIOGRAPHY

RADIONICE / IMAGING CAMPUS

08. mart 2019. petak

March 08th 2019, Friday

Sala 3

15:00-16.30

RADIONICA/ IMAGING CAMPUS GENERAL ELECTRIC

RADITE SA PROF G. SUTHERLAND-om

IMAGING CAMPUS WITH PROF G.SUTHERLAND

PREGLED PROGRAMA / PROGRAMME OUTLINE

Petak, 08. mart /
Friday, March 08th

08:00-20:00	Registracija / Registration
09:00-10:30	Glavna sesija / Main session
10:30-11:00	Pauza / Break
11:00-12:45	Preporučena sesija / Recommended session
12:45-13:00	Pauza / Break
13:00-14:00	Otvaranje kongresa / Opening ceremony
14:00-15:00	Muzički program & Koktel / Musical Programme & Coctail
15:00-16:30	Predavanja / Lectures
16:30-18:00	Predavanja / Lectures
17:30-19:00	DICE sesija / DICE session
11:00-12:30	Klinički seminar / Clinicaly focused session
15:00-16:30	Radionica kompanije GE / Imaging campus organized by General Electric

Subota, 9. mart /
Saturday, March 9th

08:00-20:00	Registracija / Registration
09:00-10:45	Predavanja / Lectures
10:45-11:00	Pauza / Break
11:00-12:30	Glavna sesija / Main session
12:30-13:30	Prezentacije postera / Moderated Posters
13:30-14:00	Pauza / Break
14:00-15:00	Susret sa ekspertima / Meet the experts
15:00-16:00	Predavanja / Lectures
16:00-17:30	Predavanja / Lectures
17:30-18:00	Pauza / Break
18:00-19:15	Predavanja / Lectures
19:15-19:30	Zatvaranje / Closing ceremony
12:30-13:30	Moderirani posteri / Moderated posters

09:00-10:30 Glavna sesija / Main session

KARDIOVASKULARNI IMIDŽING 2019

CARDIOVASCULAR IMAGING 2019

Predsedništvo/Chairpersons: Jane Somerville (London, UK), George Sutherland (London, UK), M. Zdravković (Beograd, RS)

- 09:00-09:20 **Kako je kardiovaskularni imidžing promenio kardiologiju - 40 godina iskustva**
George Sutherland (London, UK)
How Cardiac Imaging has Changed Cardiology - a 40 Year Experience
- 09:20-09:40 **Kongenitalne srčane mane - IMIDŽING 2019**
Jane Somerville (London, UK)
Congenital heart disease-IMAGING 2019
- 09:40-09:55 **Imidžing u odraslih sa urođenim srčanim manama kroz pri-kaze slučajeva**
Jelena Radojević Liegeois (Strasbourg, FR)
Imaging in adults with congenital heart disease - trough the cases
- 09:55-10:10 **Kardiovaskularna magnetna rezonancija u neishemijskim kardiomiopatijama: pregled stanja tehnika**
Tomas Lapinskas (Kaunas, LIT)
Cardiovascular magnetic resonance imaging in non-ischemic cardiomyopathies: the state-of-the-art review
- 10:10-10:25 **Miokarditis i perikarditis na CMR**
Tomaz Podlesnikar (Maribor, SLO)
Myocarditis and Pericarditis on CMR
- 10:25-10:40 **Diskusija / Discussion**
- 10:40-11:00 **PAUZA**

09:00-10:30 Sesija za učenje/Teaching session

IMAGING U BOLESTIMA AORTNE VALVULE

IMAGING IN AORTIC VALVE DISEASE

Predsedništvo/Chairpersons: B. Vujisić Tešić (Beograd, RS), A. Nikolić (Beograd, RS), S. Mićović (Beograd, RS)

09:00-09:20 Kako proceniti aortnu stenu?

B. Vujisić Tešić (Beograd, RS)

How to assess aortic stenosis?

09:20-09:40 Kako proceniti „low flow-low gradient“ aortnu stenu?

A. Nikolić (Beograd, RS)

How to assess low flow-low gradient aortic stenosis

09:40-10:00 Kako proceniti aortnu insuficijenciju?

B. Ivanović (Beograd, RS)

How to assess aortic regurgitation?

10:00-10:20 Mogućnosti hirurgije za rekonstrukciju aortne valvule

S. Mićović (Beograd, RS)

Possibilities in surgical reconstruction of aortic valve

10:20-10:30 Diskusija/Disscusion

10:30-11:00 PAUZA

11:00-12:15 Preporučena sesija / Recommended session

PERKUTANE INTERVENCIJE KOD STRUKTURNIH OŠTEĆENJA AORTNE VALVULE

PERCUTANEOUS INTERVENTION IN AORTIC VALVE DISEASES

Predsedništvo/Chairpersons: M. Bunc (Ljubljana, SLO), S. Lončar (Banja Luka, Republika Srpska/BiH)

- 11:00-11:20 **Šta je potrebno za izbor pacijenta pogodnih za TAVI**
M. Tešić (Beograd, RS)
What do we need to know in selection of patients suitable for TAVI
- 11:20-11:40 **Balon dilatacija AV kao most do PCI ili hiruške implantacije AV**
S. Lončar (Banja Luka, Republika Srpska/BiH)
Balloon dilatation of AV as a bridge to PCI or surgical implantation od aortic prosthesis
- 11:40-12:00 **TAVI danas ...**
Matjaz Bunc (Ljubljana, SLO)
TAVI up to date...
- 12:00-12:20 **Diskusija / Discussion**
- 12.20-13:00 **PAUZA**

11:00-12:15 Preporučena sesija / Recommended session

DA LI EKG MOŽE BITI KARDIOVASKULARNI IMAGING?

COULD ECG BE CARDIOVASCULAR IMAGING?

Predsedništvo/Chairpersons: N. Radovanović (Beograd, RS), M. Tomović (Beograd, RS), V. Ristić (Beograd, RS)

11:00-11:15 EKG u koronarnoj bolesti

M. Matić (Beograd, RS)

ECG in coronary heart disease

11:15-11:30 Značaj EKG-a kod WPW sindroma

M. Babić (Beograd, RS)

The role of ECG in WPW syndrome

11:30-11:45 ECG kod komorskih poremećaja srčanog ritma

M. Tomović (Beograd, RS)

ECG in ventricular arrhythmias

11:45-12:00 Značaj EKG u dijagnozi kanalopatija

R. Jurčević (Beograd, RS)

ECG role in diagnosis channelopathies

12:00-12:10 Diskusija / Discussion

12:10-12:30 PAUZA

11:00-12:45 Klinički seminar/ Clinically focused session

KONZILIJUM ZA PROCENU UROĐENIH SRČANIH MANA KOD ODRASLIH

GUCH CONSLIUM

11:00-11:15 Prikaz slučaja 1

Lj. Jovović (Ord. Cardiointerna, Beograd RS)
Clinical case No. 1

11:15-11:30 Prikaz slučaja 2

J. Lakčević (IKBVD, Beograd RS)
Clinical case No. 2

11:30-11:45 Prikaz slučaja 3

M. Đukić (UDK Tiršova, Beograd RS)
Clinical case No. 3

11:45-12:00 Prikaz slučaja 4

Lj. Jovović (IKBVD, Beograd RS)
Clinical case No. 4

12:00-12:15 Prikaz slučaja 5

M. Antonić (Ord. Cardiointerna, Beograd RS)
Clinical case No. 5

12:15-12:30 Prikaz slučaja 6

J. Lakčević (IKBVD, Beograd RS)
Clinical case No. 6

12:30-12:45 Prikaz slučaja 7

M. Matić (IKBVD, Beograd RS)
Clinical case No. 7

**Petak, 8. mart 2019.
Friday, March 8th 2019.**

Sala 1

13:00-14:00

**SVEČANO OTVARANJE / THE OPENING CEREMONY
PREDSEDNIŠTVO / PRESIDENCY**

**Lj. Jovović, I. Nedeljković, A. Đorđević-Dikić, J. Somerville, V. Kanjuh,
M. Ostojić, A. Nikolić**

**Pozdravna reč predsednika Radne grupe za kardiovaskularni imidžing
Udruženja kardiologija Srbije**

*Welcome address by the president of the WG on cardiovascular imaging
of Cardiology Society of Serbia
Ljiljana Jovović (Beograd, RS)*

**Pozdravna reč predsednika Udruženja kardiologa Srbije
Welcome address by the president of Cardiology Society of Serbia
Ana Đorđević Dikić (Beograd, RS)**

**Pozdravna reč Prof Jane Somerville emeritus professor
Welcome address by the Prof Jane Somerville (London, UK)**

**Pozdravna reč akademika Vladimira Kanjuha (Beograd RS), redovnog
člana SANU i predsednik Sekcije za kardiovaskularnu patologiju i razvoj
medicinskih nauka Srpske Akademije nauka i umetnosti**

*Welcome address by the academician, president of the Section for Cardiovascular
Pathology and Development of Medical Sciences of the Serbian Academy
of Science and Art*

**Pozdravna reč dekana Medicinskog fakulteta Univerzitet u Beogradu
Welcome address by dean of School of Medicine University of Belgrade
Nebojša Lalić (Beograd RS)**

**Pozdravna reč Ministra Zdravlja Republike Srbije i otvaranje kongresa
Opening address by the Ministry of health, Republic of Serbia
Zlatibor Lončar (Beograd, RS)**

Otvaranje kongresa
Opening address
NJKV Princeza Katarina Karađorđvić
HRH Crown princess Katarina Karađorđević

- 14:00-14:30 Muzički program Amira Medunjanin & Ante Gelo**
Musical programme Amira Medunjanin & Ante Gelo
- 14:30-15:00 Koktel /Coctail**

15:00-16:30 Preporučena sesija / Recommended session

INDIKACIJE ZA PERKUTANO LEČENJE KOD OBOLJENJA AORTE

INDICATIONS FOR PERCUTANEOUS TREATMENT IN AORTIC DISEASES

Predsedništvo/Chairpersons: I. Petrov (Sofia, BG), Z. Stankov (Sofia, BG), M. Đukić (Beograd, RS), J. Košutić (Beograd, RS)

15:00-15:15 Endovaksularni tretman kompleksnih aortnih patologija

I. Petrov, Z. Stankov (Sofia, Bugarska)

Endovascular treatment of complex aortic pathology

15:15-15:30 Aneurizma sinusa Valsave i perkutano lečenje komplikacija

M. Đukić (Beograd, RS)

Sinus Valsave aneurysm and PCI in resolving complications

15:30-15:45 Multidisciplinarni pristup patologiji descedentne aorte - od imidžinga, preko intervencije do imidžinga.

Ž. Antonić (IKVB, Beograd, RS)

Multidisciplinary approach to the pathology of descending aorta - from imaging, through intervention to imaging

15:45-16:00 Balon dilatacija i stenting kod koarktacije aorte u odraslih

J. Košutić (Beograd, RS)

Balloon dilatation and stenting in aortic coarctaion in adults

16:00-16:15 Diskusija / Discussion

16:15-16:30 PAUZA

15:00-16:30 Prikazi slučajeva / DICE session

**KARDIOVASKULARNI IMIDŽING U DIJAGNOSTICI MEHANIČKIH
KOMPLIKACIJA U AKUTNOM INFARKTU MIOKARDA**
CARDIOVASCULAR IMAGING IN THE DIAGNOSIS OF MECHANICAL COMPLICATIONS OF ACUTE MYOCARDIAL INFARCTION
Predsedništvo/Chairpersons: M. Pavlović (Niš, RS), S. Apostolović (Niš, RS),
G. Koraćević (Niš, RS), M. Radosavljević Radovanović (Beograd RS)

- 15:00-15:12 **Ekspanzija infarkta, opasnost i od fizike i od hemije**
G. Koraćević (Niš, RS)
Expansion of infarction, danger of both physics and chemistry
- 15:12-15:24 **Aneurizma i pseudoaneurizma leve komore**
R. Janković (Niš, RS)
Aneurysm and left ventricular pseudo-aneurysm
- 15:24-15:36 **Disfunkcija papilarnog mišića**
S. Šalinger (Niš, RS)
Papillary muscle dysfunction
- 15:36-15:48 **Ruptura papilarnog mišića**
D. Đorđević (Niš, RS)
Rupture of the papillary muscle
- 15:48-16:00 **Ruptura interventrikularnog septuma**
S. Apostolović (Niš, RS)
Rupture of interventricular septum
- 16:12-16:24 **Ruptura slobodnog zida leve komore**
M. Pavlović (Niš, RS)
Rupture of the free wall of left ventricle
- 16:24-16:30 **Diskusija / Discussion**

**Petak, 8. mart 2019.
Friday, March 8th 2019.**

Sala Dunav

15:00-16:30

RADIONICA/ IMAGING CAMPUS GENERAL ELECTRIC

**RADITE SA PROFESOROM G. SUTHERLAND-om
IMAGING CAMPUS WITH PROFESSOR G. SUTHERELAND**

16:30-18:00 Preporučena sesija / Recommended session

VIZUALIZACIONE TEHNIKE U SPORTSKOJ KARDIOLOGIJI: STUDIJA U UTAKMICI ŽIVOTA

**VISUALIZATION TECHNIQUES IN SPORTS CARDIOLOGY:
STUDY IN GAME OF LIFE**

Predsedništvo/Chairpersons: I. Nedeljković (Beograd, RS), M. Zdravković (Beograd, RS), D. Vulić (Republika Srpska-BIH)

16:30-16:45 Iznenadna srčana smrt u sportu

I. Nedeljković (Beograd, RS)

Sudden cardiac death in sport

16:45-17:00 Večita dilema i pored preporuka: Sportsko srce vs miokardiopatija

O. Petrović (Beograd, RS)

Everlasting dilemma despite of recommendations: athletic heart vs cardiomyopathy

17:00-17:15 Desna komora: Neprijatelj sporta u senci

M. Banović (Beograd, RS)

Right ventricle: enemy of sport in shadows

17:15-17:30 Magnetna rezonanca: Sportsko srce na dlanu

M. Zdravković (Beograd, RS)

MRI: athletic heart on a palm

17:30-18:00 Diskusija / Discussion

17:30-19:00 Prikazi slučajeva / DICE session

**IMIDŽING TEHNIKE KROZ PRIKAZE SLUČAJEVA
IMAGING TECHNIQUES THROUGH THE CASES PRESENTATION**

Predsedništvo / Chairpersons: B. Vujisić Tešić (Beograd, RS), V. Miloradovic (Kragujevac, RS), V. Zdravković (Kragujevac, RS)

- 17:30-17:45 **Kada je morfologija komplementarna fiziologiji?**
M. Srećković, V. Miloradović (Kragujevac, RS)
When morphology is complementary to physiology?
- 17:45-18:00 **Parodoksalna embolizacija i kriptogeni šlog**
M. Popović (Kragujevac, RS)
Paradoxal embolism and cryptogenic stroke
- 18:00-18:15 **Kada nam je stvarno potreban IVUS? Imaging kroz prikaze**
Đ. Stevanović, V. Zdravković (Kragujevac, RS)
When do we really need the IVUS?
- 18:15-18:30 **Imidžing kod bolesnika sa akutnim bolom u grudima i normalnom koronarografijom**
G. Krljanac (Beograd, RS)
Imaging in patients with acute chest pain and normal coronary angi
- 18:30-18:45 **NSTEMI smicalica sa sto lica... i noćna mora**
M. Prodanović (Beograd, RS)
NSTEMI trick with a hundred faces ... and a nightmare
- 18:45-19:00 **Značaj MDCT koronarografije u dijagnostici ishemiske bolesti srca – i CT Rektor skora u PCI CTO-a**
N. Komazec (Sremska Kamenica, RS)
Significance of MDCT coronary angiography in the diagnosis of ischemic heart disease - and CT Rector score of the PCI CTO

09:00-10:30 Preporučena sesija / Recommended session

**ATRIOVENTRIKULARNI ZALISCI - IZAZOVI I DILEME
ATRIOVENTRILUCAR VALVES - CHALLENGES AND DILEMMAS**

Predsedavajući/ Chairpersons: B. Vujisić Tešić (Beograd, RS), M. Petrović (Beograd, RS), D. Kalimanovska Oštrić (Beograd, RS), I. Stojanović (Beograd, RS)

- 09:00-09:20 **Imaging u proceni mitralne regurgitacije**
B. Vujisić Tešić (Beograd, RS)
Imaging in the assessment of mitral regurgitation
- 09:20-09:40 **Može li procena deformacije miokarda kod asimptomatske mitralne regurgitacije uticati na odluku o izboru lečenja?**
M. Petrović (Beograd, RS)
Can assessment of myocardial deformation in asymptomatic mitral regurgitation affect decision on choice of treatment?
- 09:40-10:00 **Imaging u proceni trikuspidne regurgitacije**
D. Kalimanovska Oštrić (Beograd, RS)
Imaging in the assessment of tricuspid regurgitations
- 10:00-10:20 **Hirurška rekonstrukcija mitralne valvule**
I. Stojanović (Beograd, RS)
Surgical reconstruction of mitral and tricuspid valve mitral valve
- 10:20-10:30 **Diskusija / Discussion**
- 10:30-11:00 **PAUZA**

09:00-10:30 Interaktivna sesija sa pitanjima i odgovorima / Interactive session with questions and answers with Turning-point softer

**ISHEMIJSKA BOLEST SRCA: U ČEMU JE ZNAČAJ OD NEINVAZIVNIH TEHNIKA ZA DONOŠENJE ODLUKE
*ISCHEMIC HEART DISEASE: WHAT IS THE IMPACT ON NON-INVASIVE IMAGING TECHNIQUES ON DECISION MAKING?***

09:00-10:45 **Okrugli sto / Round table:**
M. Ostojic, T. Kovačević-Preradović, M. Jukić, M. Zdravković

Prikaz slučaja

B. Stanetić, (Banja Luka, Republika Srpska/BiH)
Case report

**Testovi vijabilnosti nakon STICH-a i nove Evropske preporuke: mrtvi ili živi?
M Ostojić (Beograd, RS)**
Myocardial Viability testing after STICH and new ESC guidelines: Dead or alive?

**Kardiomagnetna rezonanca u donosenju pravilnih odluka o terapijskim opcijama kod pacijenata sa koronarnom bolešću
M. Zdravković (Beograd, RS)**
Cardiomagnetic resonance in making correct decisions on therapeutic options in patients with coronary disease

**CT perfuzija i CT FFR - njihov značaj u dijagnozi koronarne bolesti
M. Jukić, (Zagreb, HR)**
Computerized cardiac perfusion and CT FFR - their impact in the diagnosis of coronary artery disease

**Nove tehnike i stres ehokardiografija: Stress echo 2020
T. Kovačević Preradović (Banja Luka, Republika Srpska/BiH)**
New techniques i stress echocardiography: Stress echo 2020

10:45-11:00 **PAUZA**

11:00-12:30 Glavna sesija / Main session

**DA LI SE MOŽE ZAMISLITI DIJAGNOSTIKA BEZ
KARDIOVASKULARNOG IMAGINGA?**

*CAN WE IMAGINE DIAGNOSTICS WITHOUT CARDIOVASCULAR
IMAGING?*

Predsedništvo/Chairpersons: V. Kanjuh (Beograd, RS), G. Thiena (Padova, IT),
B. Obrenović Kirčanski (Beograd, RS)

- 11:00-11:20 **Miksomi pre uvođenja ultrazvučne dijagnostike – prikaz tri
obdukovana slučaja koji nisu bili klinički prepoznati**
V. Kanjuh (Beograd, RS)
*Myxoma before introduction ultrasound diagnostics – reports of au-
topsied 3 cases which are not clinically recognized*
- 11:20-11:40 **Priča o polipima srca**
G. Thiena
The story telling of the “polyp de coeur”
- 11:40-12:00 **Kardiovaskularni imaging u dijagnostici miksoma- iskustva
tercijarnog centra**
B. Obrenović Kirčanski (Beograd, RS)
*Cardiovascular imaging in diagnostics of myxoma- tertiary center
experience*
- 12:00-12:30 **Diskusija / Discussion**
- 12:30-14:00 **PAUZA**

11:00- 12:30 Klinički fokusirana sesija / Clinical seminar

STRES EHO BEZ OGRANIČENJA

STRESS ECHO WITHOUT LIMITATIONS

Predsedništvo/Chairpersons: A. Đorđević Dikić (Beograd, RS), I. Nedeljković (Beograd, RS), B. Beleslin (Beograd, RS)

11:00-11:15 Stres EHO u hipertrofičnim kardiomiopatijama

M. Tešić (Beograd, RS)

Stress echo in hypertrophic cardiomyopathies

11:15-11:30 Stres EHO u valvularnim manama

A. Đorđević Dikić (Beograd, RS)

Stress echo in valvular heart diseases

11:30-11:45 Stres EHO fokus na desnoj komori

O. Petrović (Beograd, RS)

Stress echo focus on right ventricle

11:45-12:00 Stres EHO u preoperativnoj proceni nesrčanih operacija

I. Nedeljković (Beograd, RS)

Stress echo in preoperative assessment in noncardiac operation

12:00-12:15 Stres EHO kod "non optional" pacijenata

M. T. Petrović (Beograd, RS)

Stress echo in non optional patients

12:15- 12:30 Diskusija/Discussion

12:30-14:00 PAUZA

12:30-13:30 Poster zona / Poster area

MODERIRANI POSTERI / MODERATED POSTERS

1. OCT kriterijumi za akutni koronarni sidrom

Vladimir Ivanović (Sremska Kamenica, Srbija), Dragana Dabović, Milenko Čanković, Anastazija Stojšić-Milosavljević, Milovan Petrović, Igor Ivanov, Maja Stefanović, Klinika za kardiologiju, Institut za kardiovaskularne bolesti Vojvodine Sremska Kamenica, Univerzitet u Novom Sadu, Medicinski fakultet, Novi Sad

2. Fetalna ehokardiografija - prvi trimestar

A. Dmitrović (Beograd, Srbija), T. M. Mihailović, V. Hadži-Tanović, Klinika za srce, Beograd, Srbija

3. Fibroelastom u bulbusu aorte, retka i potencijalno smrtonosna lokalizacija

Teodora Čekić (Sremska Kamernica, Srbija), Snežana Tadić, Institut za kardiovaskularne bolesti Vojvodine, Medicinski fakultet u Novom Sadu

4. Redak oblik urođene supravalvularne aortne stenoze praćen hipertrofijom leve komore sa midventrikularnom opstrukcijom

Maja Stefanović (Sremska Kamenica, Srbija), Dragana Dabović, Teodora Pantić, Ilija Srđanović, Snežana Tadić, Aleksandra Ilić, Vladimir Ivanović, Snežana Bjelić, Aleksandra Milovančev, Aleksandar Lazarević, Jelena Pavić-Poljak, Klinika za kardiologiju, Institut za kardiovaskularne bolesti Vojvodine Sremska Kamenica, Univerzitet u Novom Sadu, Medicinski fakultet, Novi Sad

5. Dijagnostički algoritam mehaničke komplikacije akutnog infakrta mio-karda - rupture ventiukularnog septuma

Dragana Dabović (Sremska Kamenica, Srbija), Vladimir Ivanović, Milenko Čanković, Anastazija Stojšić-Milosavljević, Milovan Petrović, Igor Ivanov, Maja Stefanović, Klinika za kardiologiju, Institut za kardiovaskularne bolesti Vojvodine Sremska Kamenica, Univerzitet u Novom Sadu, Medicinski fakultet, Novi Sad

6. Asymptomatic patient with severe valvular aortic stenosis, does the exercise test has a predictive value?

Emilija Antova (Skoplje, Makedonija), Lidija Petkovska, University Clinic of cardiology, Skopje, Macedonia, University Clinic of toxicology, Skopje, Macedonia

7. MINOCA as a working diagnosis - the role of Cardiovascular Magnetic Resonance

Ž. Delić (Vrbas, Srbija), HS. Karamarković, General Hospital Vrbas, General Hospital Pozarevac

8. CHADS2VASC score as a predictor of impaired heart rate recovery

N. Bošković (Beograd, Srbija), A. Popović, S. Dedić, S. Aleksandrić, M. Tešić, M. Dobrić, I. Nedeljković, B. Beleslin, A. Đorđević Dikić, V. Giga, Faculty of Medicine, University of Belgrade, Cardiology Clinic, Clinical Center of Serbia, Belgrade, Serbia

9. Komparativna analiza ehokardiografskih parametara hipertrofije leve komore, remodelacije i funkcije leve komore izmedju grupa bolesnika sa atrijalnom fibrilacijom i hipertenzijom

Dušan Bastać (Zaječar, Srbija), Anastasija Raščanin, Internistička ordinacija Dr Bastać, Zaječar

10. Stress echo with exercise-induced aVR lead ST-segment elevation as predictor of severe left main stenosis

M. T. Petrović, V. Giga, N. Bošković, F. Marković, S. Aleksandrić, M. Tešić, D. Trifunović, M. Dobrić, M. Dragović Tomić, M. Dobrić, M. Č. Ostojić, B. Beleslin, A. Đorđević Dikić, Cardiology Clinic, Clinical Centre of Serbia, School of Medicine University of Belgrade



**Subota, 9. mart 2019.
Saturday, March 9th 2019.**

Sala 1

14:00-15:00

ISKUSTVA PROF G. SUTHERLANDA KROZ KLINIČKE SLUČAJEVE

*EXPERIENCES FROM PROF. G. SHUTERLANDA THROUGH
THE CLINICAL CASES*

Predsedništvo/Chairpersons: G. Sutherland (London UK), D. Trifunović - Zamaklar (Beograd, RS), Lj. Jovović (Beograd, RS)

**15:00 -16:00 Interaktivna sesija kroz prikaze slučajeva /
Interactive session through case repotrs**

ŠTA BISTE VI URADILI?

WHAT WOULD YOU DO?

Predsedništvo/*Chairpersons*: D. Trifunović-Zamaklar (Beograd, RS), M. Boričić (Beograd, RS), Lj. Jovović (Beograd, RS)

15:00-15:09 **Prikaz slučaja 1**

M. Boričić- Kostić (Beograd, RS)

Clinical Case No. 1

15:09-15:18 **Prikaz slučaja 2**

O. Petrović (Beograd, RS), N. Gavrilović (Beograd, RS)

Clinical Case No. 2

15:18-15:27 **Prikaz slučaja 3**

M. Dragović-Tomić (Beograd, RS), I. Paunović (Beograd, RS)

Clinical Case No. 3

15:27-15:36 **Prikaz slučaja 4**

G. Draganić (Beograd, G, RS), J. Dudić (Beograd, RS)

Clinical Case No. 4

15:36-15:45 **Prikaz slučaja 5**

D. Trifunović-Zamaklar (Beograd, RS)

Clinical Case No. 5

15:45 -16:00 **Diskusija / Discussion**

14:00-15:30 Preporučena sesija/Recommended session

TRANSPULMONALNI KONTRAST U SVAKODNEVNOJ KLINIČKOJ PRAKSI

TRANSPULMONARY CONTRAST IN EVERYDAY CLINICAL PRACTICE

Predsedništvo/Chairpersons: A. Stojšić Milosavljević (Sr. Kamenica, RS), A. Lazarević (Republika Srpska-BIH), A. Ilić (Sr. Kamenica, RS)

- | | |
|--------------|--|
| 14:00-14:15 | Nove preporuke za transpulmonalni kontrast
A. Ilić (Sr. Kamenica, RS)
<i>New guidelines for transpulmonary contrast</i> |
| 14:15-14:30 | Karakteristike i priprema transpulmonalnog kontrasta
R. Kovač (Sr. Kamenica, RS)
<i>Characteristics and preparation of transpulmonary contrast</i> |
| 14:30-14:45 | Komplikacije i ekonomska opravdanost levostranog kontrasta
S. Stojšić (Sr. Kamenica, RS)
<i>Complications and economic cost benefit of left-sided contrast</i> |
| 14:45-15:00 | Nove mogućnosti za upotrebu transpulmonalnog kontrasta
S. Tadić (Sr. Kamenica, RS)
<i>New possibilities for the use of transpulmonary contrast</i> |
| 15:00-15:15 | Primena transpulmonalnog kontrasta kroz prikaze slučajeva
A. Stojšić Milosavljević (Sr. Kamenica, RS)
<i>Administration of transpulmonary contrast through case reports</i> |
| 15:15-15:30 | Diskusija / Discussion |
| 15:30 -16:00 | PAUZA |

16:00-17:45 Preporučena sesija / Recommended session

EHOKARDIOGRAFIJA U SRBIJI – JUČE, DANAS, SUTRA

ECHOCARDIOGRAPHY IN SERBIA – YESTERDAY, TODAY, TOMORROW

ECHOS na KIS-u

Predsedništvo/Chairpersons: A. N. Nešković (Beograd, RS), Lj. Jovović (Beograd, RS), (Beograd, RS), I. Stanković (Beograd, RS)

16:00-16:15 Ehokardiografija u Srbiji: dometi i očekivanja

I. Stanković (Beograd, RS)

Echocardiography in Serbia: reach and expectations

16:15-16:30 Analiza deformacije miokarda – zašto, kada i kome?

D. Trifunović-Zamaklar (Beograd, RS)

Analysis of myocardial deformities – why, when and whom?

16:45-17:00 FoCUS – ultrazvuk srca u tuđim rukama?

A. N. Nešković (Beograd, RS)

FoCUS – echocardiography in other hands?

17:00-17:15 TEE u svakodnevnoj kliničkoj praksi-gde smo danas

Lj. Jovović (Beograd, RS)

TEE –in everyday clinic practice-where we are today

17:15-17:30 3D ehokardiografija – nepotrebna ili preko potrebna treća dimenzija?

Z. Mladenović (Beograd, RS)

3D echocardiography – unnecessary or essential third dimension?

17:30-17:45 Diskusija / Discussion

17:45-18:00 PAUZA

16:00-17:30 Klinički fokusirana sesija /Clinical seminar

**DOPPLER-EHOKARDIOGRAFSKI KORACI U RAZVOJU,
DIJAGNOZI I TERAPIJI SRČANE INSUFICIJENCIJE**

*DOPPLER-ECHOCARDIOGRAPHIC STEPS IN DEVELOPMENT,
DIAGNOSTICS AND THERAPY OF HEART FAILURE*

Predsedništvo/Chairpersons: M. Dekleva (Beograd, RS), A. D. Ristić (Beograd, RS), P. Otašević (Beograd, RS)

16:00-16:15 Srčana insuficijencija sa ejekcionom frakcijom koja je očuvana ili je u srednjem opsegu; kako i kada nam mogu pomoći provokativni testovi?

M. Dekleva (Beograd, RS)

Heart failure with preserved ejection fraction or with mid-range ejection fraction; how and when provocation tests could help us?

16:15-16:30 Specifičnosti srčane insuficijencije kod bubrežnih bolesnika

N. Marković Nikolić (Beograd, RS)

Heart failure specifics in patients with renal diseases

16:30-16:45 Atrialna fibrilacija i srčana insuficijencija- dijagnostičke zamke

S. Marković (Beograd, RS)

Atrial fibrillation and heart failure – diagnostic snares

16:45-17:00 Da li možemo da predvidimo razvoj srčane insuficijencije kod bolesnika posle miokardnog infarkta?

S. Živković (Beograd, RS)

Could we predict development of heart failure in patients after myocardial infarction?

17:00 -17:15 Od disfunkcije do srčane insuficijencije kod bolesnika sa hipertenzijom

Dr A. Stevanović (Beograd, RS)

From dysfunction to heart failure in patients with arterial hypertension

17:15-17:30 Diskusija / Discussion

18:00-19:15 Sesija za učenje/ Teaching session

TRODIMENZIONALNA EHOKARDIOGRAFIJA U SVAKODNEVNOJ KLINIČKOJ PRAKSI

3D ECHOCARDIOGRAPHY IN EVERYDAY CLINICAL PRACTICE

Predsedništvo/Chairpersons: A. Ristić (Beograd, RS), Z. Mladenović (Beograd, RS)

- 18:00-18:15 **Prednost 3D ehokardiografije u proceni veštačkih srčanih zalistaka**
A. Ristić (Beograd, RS)
Advantages of 3D echocardiography in assessment of prosthetic valves
- 18:15-18:30 **Savremena procena infektivnog endokarditisa**
Z. Mladenović (Beograd, RS)
Contemporary assessment of infective endocarditis
- 18:30-18:45 **Značaj 3D ehokardiografije u proceni interatrijalnog septuma kod pacijenata sa kriptogenim infarktom mozga**
S. Vukotić (Beograd, RS)
Role of 3D echocardiography in assessment of interatrial septum in patients with cryptogenic stroke
- 18:45-19:00 **3D ehokardiografija u proceni intrakardijalnih masa**
D. Vraneš (Beograd, RS)
3D echocardiography in assessment of intracardial masses
- 19:00-19:15 **Uloga 3D ehokardiografije u bolestima mitralnog zalistka - da li tehnologija može da zameni iskustvo?**
J. Marić (Beograd, RS)
The role of 3D echocardiography in mitral valve diseases – can the experience be replaced with technology?
- 19:15-19:30 **Zatvaranje kongresa / Closing ceremony**

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