

**5. kongres Radne skupine za bolesti srčanih zalistaka Hrvatskog kardiološkog društva s međunarodnim sudjelovanjem
“CroValv 2021”**

**5th Congress of The Working Group on Valvular Diseases of the Croatian Cardiac Society with international participation
“CroValv 2021”**

Preliminarni program:

Četvrtak/Thursday, 2.9.2021.

(16:00-16:15) **Uvod u kongres/Opening ceremony**

Akademik Davor Miličić, MD, PhD; President of the Croatian Cardiac Society and Head of the Department of Cardiovascular Diseases at University Hospital Center Zagreb, Zagreb (Croatia)

Asst. Prof. Jozica Šikić, MD, PhD; President of the Working Group on Valvular Diseases of the Croatian Cardiac Society; Head of the Department of Cardiovascular Diseases, University Hospital "Sveti Duh", Zagreb (Croatia)

Novi pristup valvularnim bolestima/Novel approach to valvular heart disease

(16:15-16:30) **Prof. Maja Čikeš, MD, PhD;** Department of Cardiovascular Diseases at University Hospital Center Zagreb, Zagreb (Croatia)

Tema: Individualni pristup valvularnim bolestima kroz gensku analizu

Individual approach to valvular heart disease using genetic examination

(16:30-16:45) **Katica Cvitkušić Lukenda, MD;** Head of the Department of Cardiology, General Hospital "Josip Benčević", Slavonski Brod (Croatia)

Tema: Genetska podloga valvularnih bolesti – kako analizirati

Genetics in valvular heart disease – how to analyse

(16:45-17:00) **Prof. Viktor Peršić, MD, PhD;** Head of the Clinic Thalassotherapia Opatija, Croatia

Tema: Procjena težine valvularnih bolesti magnetskom rezonancom

Assessment of valvular disease severity by cardiac magnetic resonance

(17:00-17:15) **Prof. Matias Trbušić, MD, PhD;** Department of Cardiovascular Diseases at Sestre milosrdnice University Hospital Centre, Zagreb (Croatia)

Tema: Bolesti srčanih zalistaka – ima li još mjesta za invazivna hemodinamska mjerenja?

Valvular heart disease – is there still room for invasive hemodynamic testing?

(17:15-17:30) **Alan Jelić, MD; Assist. Prof. Krešimir Štambuk, MD, PhD;** Department of Cardiology at the Magdalena Clinic, Krapinske Toplice (Croatia)

Tema: Plućna hipertenzija – zanemareni predictor aortne stenozе

Pulmonary hypertension – neglected predictor of aortic stenosis

(17:30-17:45) **Margarita Brida, MD, PhD;** Department of Cardiovascular Diseases at University Hospital Center Zagreb, Zagreb (Croatia)

Tema: Procjena plućne valvule i optimalno vrijeme za zamjenu plućne valvule u tetralogiji *Fallop*

Pulmonary valve assessment and optimal timing for PV replacement in ToF

(17:45-17:55) **Rasprava/Discussion**

Nove smjernice ESC za liječenje valvularnih bolesti 2021 - glavne poruke urednika **New ESC Guidelines on Valvular Heart Disease 2021 - key message from the editor**

(17:55-18:15) **Prof. Bernard Prendergast, MD, PhD;** Chair of Cardiology at The Cleveland Clinic, London (United Kingdom), Principal Course Director of PCR London Valves

Tema: *Key messages from the new ESC Guidelines on Valvular Heart Disease*

(18:15-18:25) **Rasprava/Discussion**

(18:25-18:45) **Simpozij tvrtke Meril**

Prof. Matjaž Bunc, MD, PhD; Department of Cardiology, Ljubljana University Medical Centre, Ljubljana (Slovenia)

Tema: *Myval – precision at its best*

(20:00) *Faculty dinner*

Petak/Friday, 3.9.2021.

Aortna valvula: patomorfološki i funkcionalni pristup/Aortic valve: patomorphologic and functional approach

(08:30-08:45) **Prof. Daria Baković, MD, PhD;** Head of the Department of Cardiovascular Diseases, University Hospital Centre Split, Split (Croatia)

Tema: Aortna stenozа – bolest lijeve klijetke

Aortic stenosis – a left ventricular disease

(08:45-09:00) **Asst. Prof. Dean Strinić, MD, PhD;** Department of Cardiovascular Diseases, University Hospital "Sveti Duh", Zagreb (Croatia)

Tema. Bikuspidna aortna valvula - što sve možemo očekivati

Bicuspid aortic valve – what can we expect

(09:00-09:15) **Prof. Jasna Čerkez Habek, MD, PhD;** Department of Cardiovascular Diseases, University Hospital "Sveti Duh", Zagreb (Croatia)

Tema: Asimptomatska teška aortna stenozа – kako pristupiti bolesniku

Asymptomatic severe aortic stenosis – what we have to deal with

(09:15-09:30) **Prof. Alen Ružić, MD, PhD;** Head of University Hospital Centre Rijeka, Rijeka (Croatia)

Tema: Kalcificirana aortna valvula: nije jednostavan degenerativni proces

Calcific Aortic Valve Disease: Not a simple degenerative process

(09:30-09:45) **Asst. Prof. Nikola Bulj, MD, PhD**; Head of the Department of Echocardiography, Cardiac Imaging and Hemodynamic Assessment, Sestre milosrdnice University Hospital Centre, Zagreb (Croatia)

Tema: Razumijevanje mehanizma aortne regurgitacije - probir bolesnika za rekonstrukciju zaliska
Understanding the aortic regurgitation mechanism – patient screening for valve reconstruction

(09:45-09:55) **Rasprava/Discussion**

Liječenje bolesti aortne valvule/Aortic valve disease treatment

a) Perkutano liječenje aortne valvule – TAVI/Percutaneous treatment of aortic valve – TAVI

(09:55-10:10) **Ivana Jurin, MD, PhD**; Department of Cardiovascular Diseases, University Hospital Dubrava, Zagreb (Croatia)

Tema: Odabir bolesnika za TAVI
How to select patients for TAVI

(10:10-10:25) **Asst. Prof. Jozica Šikić, MD, PhD**; President of the Working Group on Valvular Diseases of the Croatian Cardiac Society; Head of the Department of Cardiovascular Diseases, University Hospital "Sveti Duh", Zagreb (Croatia)

Tema: Vrste i odabir valvula za TAVI
Types and selection of valves for TAVI

(10:25-10:40) **Asst. Prof. Vjekoslav Tomulić, MD, PhD**; Head of Catheterization Laboratory, Department of Cardiovascular Diseases, University Hospital Centre Rijeka, Rijeka (Croatia)

Tema: TAVI kroz godine u KBC Rijeka – kako smo postali bolji
TAVI throughout the years in UHC Rijeka- how we got better

(10:40-10:55) **Frane Runjić, MD, MSc**; Head of the Department of Ischemic Heart Disease, University Hospital Centre Split, Split (Croatia)

Tema: *How to start new TAVI center? Experience from UHC Split*

(10:55-11:15) **Prof. Francesco Burzotta, MD, PhD**; Department of Cardiovascular Sciences, Fondazione Policlinico Universitario Agostino Gemelli IRCCS, Università Cattolica del Sacro Cuore, Rome (Italy)

Tema: *How to perform a minimally invasive TAVI (LITE technique)*

(11:15-11:25) **Rasprava/Discussion**

(11:25-11:50) **Stanka za kavu/Coffee break**

b) Kirurško liječenje aortne valvule/Surgical treatment of aortic valve

(11:50-12:05) **Prof. Joško Bulum, MD, PhD**; Head of The Clinical Unit for Invasive and Interventional Cardiology, Department of Cardiovascular Diseases at University Hospital Center Zagreb, Zagreb (Croatia)

Tema: Je li TAVI bolji od kirurgije
Is TAVI better than surgery

(12:05-12:20) **Asst. Prof. Igor Rudež, MD, PhD**; Head of the Department of Cardiac and Transplant Surgery, University Hospital Dubrava, Zagreb (Croatia)

Tema: Kirurška reparacija aortnih listića

Surgical repair of aortic leaflets

(12:20-12:35) **Prof. Hrvoje Gašparović, MD, PhD**; Department of Cardiac Surgery at University Hospital Center Zagreb, Zagreb (Croatia)

Tema: Minimalno invazivna kirurgija aortnog zaliska

Minimally invasive surgery for aortic valve treatment

(12:35-12:45) **Rasprava/Discussion**

(12:45-13:15) **Simpozij tvrtke Philips – hands on**

Lionel Leroux, MD, PhD; Head of Cardiac Surgery Operating Room and Adult Structural Interventional Cardiology at CHU Bordeaux (France)

Tema: *Valve replacements using advanced image fusion*

(13:15-14:30) **Stanka za ručak/Lunch break**

Kompleksni perkutani pristupi/Complex percutaneous approach

(14:30-14:45) **Asst. Prof. Boris Starčević, MD, PhD**; Zagreb (Croatia)

Tema: PCI nakon TAVI

PCI after TAVI

(14:45-15:00) **Asst. Prof. Krešimir Štambuk, MD, PhD**; Head of the Department of Cardiology at the Magdalena Clinic, Krapinske Toplice (Croatia); **Alan Jelić, MD**

Tema: TAVI – case report

(15:00-15:15) **Asst. Prof. Mila Kovačević, MD, PhD**; Institute of Cardiovascular Diseases of Vojvodina, Sremska Kamenica (Serbia); Policlinico Universitario Agostino Gemelli, Rome (Italy)

Tema: TAVI i PCI – prikaz slučaja

TAVI and PCI – case report

(15:15-15:30) **Asst. Prof. Vjekoslav Radeljić, MD, PhD**; Head of the Department of Invasive and Interventional Cardiology, Department of Cardiovascular Diseases at Sestre milosrdnice University Hospital Centre, Zagreb (Croatia)

Tema: Mjesto PCI u kirurškoj zamjeni aortne valvule

PCI in surgical valve replacement

(15:30-15:45) **Tomislav Šipić, MD, PhD**; Department of Cardiovascular Diseases, University Hospital Dubrava, Zagreb (Croatia)

Tema: Paravalvularni pretok, ehokardiografski kriteriji: značenje i kada liječiti

Paravalvular leak, echocardiographic criteria: impact and time to treat

(15:45-16:00) **Asst. Prof. Irzal Hadžibegović, MD, PhD**; Head of Catheterization Laboratory, Department of Cardiovascular Diseases, University Hospital Dubrava, Zagreb (Croatia)

Tema: Antikoagulacijska i antiagregacijska terapija u TAVI bolesnika

Anticoagulation and antiaggregation therapy in TAVI patients

(16:00-16:10) **Rasprava/Discussion**

(16:10-16:30) **Simpozij tvrtke Boehringer Ingelheim**

Asst. Prof. Jozica Šikić, MD, PhD; President of the Working Group on Valvular Diseases of the Croatian Cardiac Society; Head of the Department of Cardiovascular Diseases, University Hospital "Sveti Duh", Zagreb (Croatia)

Tema: Nova snaga u našim rukama
New power in our hands

(16:30-17:00) **Stanka za kavu/Coffee break**

(17:00-17:20) **Prof. Wael Jaber, MD;** Associate Director of Cardiovascular Imaging and Medical Director of the Imaging Core and Nuclear (Cardiac) Core Labs of C5Research, Cleveland Clinic Main Campus, (Ohio USA)

Tema: *Procedural Imaging for MV interventions: Role of advanced TEE*

(17:20-17:30) **Rasprava/Discussion**

Trikuspidna valvula/Tricuspid valve:

(17:30-17:50) **Prof. Jose Luis Zamorano; MD, PhD;** Head of Cardiology Clinic at University Hospital Ramón y Cajal, Madrid (Spain)

Tema: *New approach to diagnosis of tricuspid regurgitation*

(17:50-18:05) **Prof. Boško Skorić, MD, PhD;** Department of Cardiovascular Diseases at University Hospital Center Zagreb, Zagreb (Croatia)

Tema: Implantacija RVAD-a kod popuštanja desne klijetke
RVAD implantation for right ventricle failure

(18:05-18:15) **Rasprava/Discussion**

(18:15-18:35) **Simpozij tvrtke Novo Nordisk – Kardiometabolički učinci semaglutida**

(20:30) **Zajednička večera/Get together dinner**

Subota/Saturday, 4.9.2021.

Mitralna valvula/Mitral valve

(09:00-09:15) **Prof. Kristina Selthofer-Relatić, MD; PhD;** Department of Heart and Vascular Diseases, University Hospital Centre Osijek (Croatia)

Tema: Mitralna stenozna – “tips and tricks”
Mitral valve stenosis – tips and tricks

(09:15-09:30) **Asst. Prof. Sandra Makarović, MD PhD;** Department of Heart and Vascular Diseases, University Hospital Centre Osijek (Croatia)

Tema: Primarna mitralna regurgitacija – etiopatogeneza i dijagnostički pristup
Primary mitral regurgitation – etiopathogenetic and diagnostic approach

(09:30-09:45) **Daniel Lovrić, MD**; Department of Cardiovascular Diseases at University Hospital Center Zagreb, Zagreb (Croatia)

Tema: Sekundarna mitralna regurgitacija
Secondary mitral regurgitation

(09:45-10:00) **Petra Grubić Rotkvić, MD**; Department of Cardiovascular Diseases, University Hospital "Sveti Duh", Zagreb (Croatia)

Tema: Asimptomatska degenerativna mitralna regurgitacija – kada intervenirati
Asymptomatic degenerative mitral regurgitation – the timing of surgery

(10:00-10:10) **Rasprava/Discussion**

Liječenje bolesti mitralne valvule – što može intervencijski kardiolog, a što može kardiokirurg/Mitral valve disease treatment – interventional cardiologist vs. cardiac surgeon

(10:10-10:25) **Asst. Prof. Tomislav Jakljević, MD, PhD**; Department of Cardiovascular Diseases, University Hospital Centre Rijeka, Rijeka (Croatia)

Tema: Perkutano liječenje mitralne valvule
Percutaneous treatment of mitral valve disease

(10:25-10:40) **Prof. Bojan Biočina, MD, PhD**; Head of the Department of Cardiac Surgery at University Hospital Center Zagreb, Zagreb (Croatia)

Tema: Kirurška reparacija mitralne valvule.
Surgical repair of mitral valve disease

(10:40-10:55) **Prof. Igor Medved, MD, PhD**; head of the Department of Cardiac Surgery at University Hospital Centre Rijeka, Rijeka (Croatia)

Tema: Neochorde u popravku mitralnog zaliska
Neochords in mitral valve repair

(10:55-11:05) **Rasprava/Discussion**

(11:05-11:30) **Stanka za kavu/Coffee break**

Komplikacije i kompleksnosti valvularnih bolesti/Complication and complexity of valvular heart disease

(11:30-11:45) **Asst. Prof. Šime Manola, MD, PhD**; Head of the Department of Cardiovascular Diseases, University Hospital Dubrava, Zagreb (Croatia)

Tema: TAVI i postproceduralne smetnje provođenja
TAVI and Post Procedural Cardiac Conduction Abnormalities

(11:45-12:00) **Matija Marković, MD**; Department of Cardiology, Clinical Hospital Merkur, Zagreb (Croatia)

Tema: Valvule kao izvorište ventrikularnih aritmija – pogled na valvularnu bolest kroz EKG
Valves as a source of ventricular arrhythmias – a view of valvular disease through ECG

(12:00-12:15) **Asst. Prof. Edvard Galić, MD, PhD**; Head of the Clinic for Internal Diseases, University Hospital "Sveti Duh", Zagreb (Croatia)

Tema: Kardiogeni šok u valvularnim bolestima

Cardiogenic shock in valvular heart disease

(12:15-12:30) **Mira Stipčević, MD**; Department of Cardiology, General Hospital Zadar, Zadar (Croatia)

Tema: Izazovi u dijagnostiranju i liječenju endokarditisa prostetskih srčanih zalistaka

Challenges in diagnosis and treatment of endocarditis of prosthetic valves

(12:30-12:40) **Rasprava/Discussion**

(12:40-13:40) **Tematski simpozij Radne skupine za ehokardiografiju i slikovne metode u kardiologiji:**

„Simptomatska bolest zalistaka – često neprepoznati uzrok zatajivanja srca“

Panel stručnjaka-valvularni tim: Prof. dr. sc. Joško Bulum, doc. dr. sc. Nikola Bulj, dr. sc. Vlatka Rešković-Lukšić, dr. sc. Sandra Jakšić Jurinjak

1. Uvod - Prof. dr. sc. Jadranka Šeparović Hanževački - 5 min
2. Što kada se ne podudaraju klinička slika i ehokardiografski pokazatelji u aortnoj stenozi?
Dr. sc. Vlatka Rešković-Lukšić - 12 min
Rasprava 5 min
3. Neprepoznati složeni mehanizmi mitralne regurgitacije
Prof. dr. sc. Jadranka Šeparović Hanževački - 12 min
Rasprava 5 min
4. Razumijemo li mehanizam i posljedice trikuspidalne regurgitacije?
Dr. sc. Sandra Jakšić Jurinjak - 12 min
Rasprava 5 min
5. Panel rasprava (*uloge i odlučivanje u timu, probir bolesnika i intervencijske mogućnosti*) -10 min

(13:40) **Zatvaranje kongresa/Closure ceremony**