



INSTITUT ZA KARDIOVASKULARNE BOLESTI
VOJVODINE „SREMSKA KAMENICA”



Meet The Future

EIGHTH SYMPOSIUM MEET THE FUTURE
OF SERBIAN INTERVENTIONAL CARDIOLOGY 2024
SREMSKA KAMENICA 6. I 7. DECEMBAR 2024.



P&F PRODUCTS & FEATURES

GmbH

„8th MEET THE FUTURE OF SERBIAN INTERVENTIONAL CARDIOLOGY“
OSMI SIMPOZIJUM MLADIH INTERVENTNIH KARDIOLOGA SRBIJE
Sremska Kamenica,

6-7. decembar 2024. godine



Meet The Future

OF SERBIAN INTERVENTIONAL CARDIOLOGY



Tehnička organizacija

Akademski medicinski edukacioni centar - AMEC, Novi Beograd,
www.amec.rs; e-mail: info@amec.rs

SIMPOZIJUM JE ORGANIZOVAN POD POKROVITELJSTVOM /
SYMPOSIUM IS ORGANIZED UNDER THE PATRONAGE OF



UDRUŽENJE KARDIOLOGA SRBIJE
CARDIOLOGY SOCIETY OF SERBIA



RADNA GRUPA ZA INTERVENTNU KARDIOLOGIJU
WORKING GROUP FOR INTERVENTIONAL CARDIOLOGY





Poštovane kolegice i kolege, dragi prijatelji,

Velika čast i zadovoljstvo nam je da vas pozovemo na predstojeći osmi Simpozijum mladih interventnih kardiologa Srbije „Meet the Future of Serbian Interventional Cardiology“, koji će se održati 6. i 7. decembra 2024. godine u Amfiteatru Instituta za kardiovaskularne bolesti Vojvodine.

Ovogodišnji Simpozijum će biti posvećen hroničnom koronarnom sindromu, aktuelnim smernicama, indikacijama za revaskularizaciju, kao i tretmanu kompleksnih koronarnih lezija.

Nakon uvodnih predavanja, održaće se sesija bazirana na rešavanju kompleksnih procedura, uz podršku i diskusiju kako domaćih, tako i inostranih eksperata.

Planiran je uživo prenos procedure iz kateterizacione laboratorije posvećen tretmanu bifurkacione lezije.

Tokom održavanja Simpozijuma, razgovaraće se o lečenju kardiogenog šoka, aktuelnim smernicama i eskalaciji mehaničke cirkulatorne potpore. Neizostavni deo kongresa čine teme o tretmanu strukturnih bolesti srca, uz uživo prenos procedure iz kateterizacione laboratorije.

Pozivamo vas da učestvujete na predstojećem Simpozijumu i omogućite najviši kvalitet na obostrano zadovoljstvo.

Srdačno vas pozdravljamo,

Mr sci. med. Dragan Debeljački

prof. dr Milovan Petrović

prof. dr Aleksandar Redžek



Dear colleagues and friends,

It is our great honor and pleasure to invite you to the upcoming 8th Symposium of Young Interventional Cardiologists of Serbia, "Meet the Future of Serbian Interventional Cardiology," which will take place on December 6th and 7th, 2024, in the Amphitheater of the Institute for Cardiovascular Diseases of Vojvodina.

This year's Symposium will focus on chronic coronary syndrome, current guidelines, indications for revascularization, and the treatment of complex coronary lesions. Following the introductory lectures, there will be a session dedicated to solving complex procedures, with support and discussion from both domestic and international experts.

Live procedure is planned from the catheterization laboratory, dedicated to the treatment of bifurcation lesion.

During the Symposium, discussions will cover the treatment of cardiogenic shock, current guidelines, and the escalation of mechanical circulatory support.

An integral part of the conference includes topics on the treatment of structural heart diseases, with a live transmission of procedures from the catheterization laboratory.

We invite you to participate in the upcoming Symposium and contribute to achieving the highest quality, to the mutual satisfaction of all.



prof. dr Milovan Petrović



Mr sci. med. Dragan Debeljački



prof. dr Aleksandar Redžek

Organizatori
Institut za kardiovaskularne bolesti Vojvodine, Sremska Kamenica
Medicinski fakultet, Novi Sad

Simpozijum „8th Meet the Future of Serbian Interventional Cardiology – Osmi simpozijum mladih interventnih kardiologa Srbije“ akreditovan je kao nacionalni kongres sa međunarodnim učešćem, odlukom Zdravstvenog saveta Srbije broj: 153-02-00440 /2024-01, 2024. godine, pod evidencionim brojem A-1-1987/24 i nosi 9 bodova za predavače i 5 bodova za slušaoce.

Mesto i vreme održavanja: Institut za kardiovaskularne bolesti Vojvodine, Sremska Kamenica, 6. i 7. decembar 2024. godine.

Organizers
Institute for Cardiovascular Diseases of Vojvodina, Sremska
Kamenica
Faculty of Medicine, Novi Sad

The “8th Meet the Future of Serbian Interventional Cardiology” Symposium is accredited as a national congress with international participation by the decision of the Health Council of Serbia, number 153-02-00440 /2024-01 from under the registration number A-1-1987/24 and carries 9 points for lecturers and 5 points for listeners.

Venue: Institute of Cardiovascular Diseases,
Vojvodina - Sremska Kamenica, Serbia
Date: December 6-7, 2024

Organizatori / Organizers

Aleksandar Redžek
Milovan Petrović
Dragan Debeljački

Udruženje kardiologa Srbije / Serbian Society of Cardiology

Predsednik: Dragan V. Simić
Budući predsednik: Ivana Nedeljković

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Igor Tomas



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Miroslav Bikicki (Sr. Kamenica, RS)
Mihajlo Bojanović (Niš, RS)
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Ivan Ilić (Beograd, RS)
Igor Ivanov (Sr. Kamenica, RS)
Zoran Jović (Beograd, RS)
Stevan Keča (Sr. Kamenica, RS)
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Saša Kostovski (Beograd, RS)

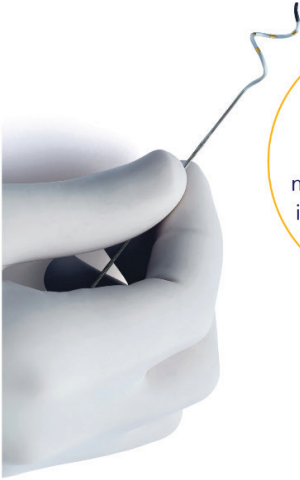
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Miloš Trajković (Sr. Kamenica, RS)
Vladan Vukčević (Beograd, RS)
Vladimir Zdravković (Kragujevac, RS)

International faculty

Aleksandar Janjičić (Bijeljina, BiH)
Hrvoje Jurin (Zagreb, R. Hrvatska)
Vitez Luka (Ljubljana, Slovenija)
Domagoj Marković (Split, R. Hrvatska)
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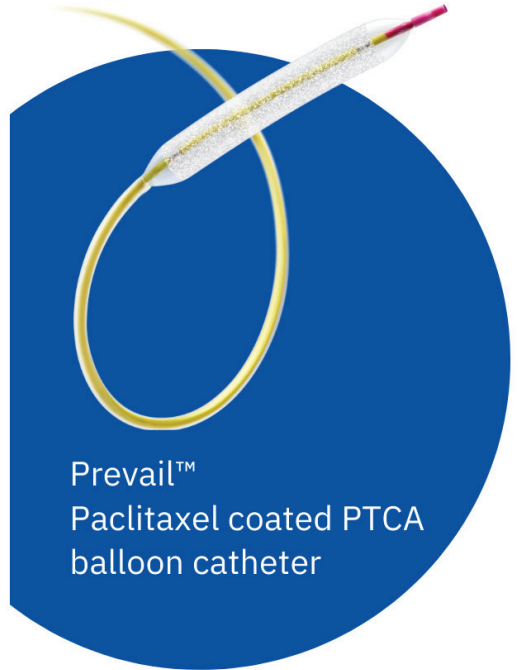


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1. Eddels et al. *Lancet* 2022;398:1438-1447.
2. Taylor et al. *Lancet* 2019;393:2642-2650.
3. Townsend et al. *Lancet* 2015;385:2162-2170.

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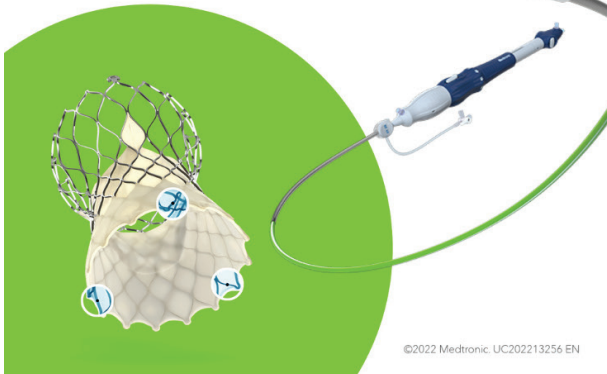
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Petak / Friday, 6.12.2024.



10:00-10:30 **AMFITEATAR INSTITUTA U SREMSKOJ KAMENICI**

OTVARANJE SIMPOZIJUMA - OPENING CEREMONY

Prof. dr Aleksandar Redžek, Direktor IKVBV Sremska Kamenica
Prof. dr Milovan Petrović, Rukovodilac Klinike za kardiologiju IKVBV
Mr sci. med. Dragan Debeljački, Načelnik službe za Interventnu kardiologiju IKVBV
Prof. dr Milan A. Nedeljković, Predsednik Srpskog lekarskog društva
Prof. dr Dragan V. Simić, Predsednik Udruženja kardiologa Srbije
Prof. dr Branko Markoski, Pokrajinski sekretar za visoko obrazovanje i naučno istraživačku delatnost
Doc. dr Olivera Ivanov, Zamenik pokrajinskog sekretara za zdravstvo

10:30-11:45 **AMFITEATAR INSTITUTA U SREMSKOJ KAMENICI**

NOVI VODIČ ZA LEČENJE HRONIČNOG KORONARNOG SINDROMA / NEW GUIDELINE FOR TREATMENT OF CHRONIC CORONARY SYNDROME

Predsedavajući / Chairman:

Goran Stanković (Beograd, RS), **Milovan Petrović** (Sr. Kamenica, RS),
Siniša Stojković (Beograd, RS), **Milan Dobrić** (Beograd, RS),

10:30-10:45 **Kako pristupiti tretmanu pacijenta sa hroničnim koronarnim sindromom u skladu sa novim smernicama? / How to approach the treatment of a patient with chronic coronary syndrome according to the new guidelines?**

Dušan Ružičić (Valjevo, RS)

10:45-11:00 **Mikrovaskularna bolest i hronični koronarni sindrom / Microvascular disease and chronic coronary syndrome**

Igor Ivanov (Sr. Kamenica, RS)



11:00-11:15 **Left main u hroničnom koronarnom sindromu, uloga intrakoronarnog imaging-a / Left main in chronic coronary syndrome, role of intracoronary imaging**
Zlatko Mehmedbegović (Beograd, RS)

11:15-11:30 **Revaskularizacija bolesnika sa hroničnim totalnim okluzijama - algoritam iz svakodnevne kliničke prakse / Revascularization of patients with chronic total occlusions - an algorithm from everyday clinical practice**
Bojan Maričić (Niš, RS)

11:30-11:45 **Minimalno invazivna bypass hirurgija - koga uputiti kardiologu? / Minimally invasive bypass surgery – who should be referred to cardiac surgeon?**
Aleksandar Milosavljević (Sr. Kamenica, RS)

11:45-13:00 **Prenos intervencije uživo iz sale za kateterizaciju srca IKVBV**

PRENOS INTERVENCIJE UŽIVO IZ SALE ZA KATETERIZACIJU SRCA IKVBV

Predsedavajući / Chairman:

Goran Stanković (Beograd, RS), **Bratislav Milosavljević** (Beograd, RS), **Dragan Debeljački** (Sr. Kamenica, RS), **Miroslav Bikicki** (Sr. Kamenica, RS)

11:45-13:00 **Slučaj broj 1 – Kalcifikovane lezije / Case No 1 – Calcified lesions**
Igor Tomas (Sr. Kamenica, RS), Dragana Dabović (Sr. Kamenica, RS)

13:00-13:30 **Pauza za ručak / Lunch break**



13:30-14:00 AMFITEATAR INSTITUTA U SREMSKOJ KAMENICI

MEDTRONIC SIMPOZIJUM / MEDTRONIC SYMPOSIUM

ESC Upgrades on Renal Denervation

Predsedavajući / Chairman:

Dragan Debeljački (Sr. Kamenica, RS), **Igor Tomas** (Sr. Kamenica, RS)

13:30-13:35 Uvod i ciljevi simpozijuma / Introduction and Symposium Objectives

Dragan Debeljački (Sr. Kamenica, RS)

13:35-13:45 Renalna denervacija u novim ESC smernicama /Renal denervation in the NEW ESC Guidelines

Dragan Debeljački (Sr. Kamenica, RS)

13:45-14:00 Od vodiča do prakse: praćenje pacijenata/From guidelines to the practice: Patient follow up

Igor Tomas (Sr. Kamenica, RS)

14:00-15:00 AMFITEATAR INSTITUTA U SREMSKOJ KAMENICI

DISKUSIJA BAZIRANA NA SLUČAJU / CASE-BASED DISCUSSION

Predsedavajući / Chairman:

Vladimir Zdravković (Kragujevac, RS), **Hrvoje Jurin** (Zagreb, HR),
Vladan Vukčević (Beograd, RS), **Mila Kovačević** (Sr. Kamenica, RS)

14:00-14:15 Perkutana koronarna intervencija na desnoj koronarnoj arteriji / Percutaneous coronary intervention on Right coronary artery

Nikola Mladenović (Sr. Kamenica, RS)

14:15-14:30 Bifurkaciona lezija - Bail out strategija/ Bifurcation lesion - Bail-out strategy

Dragana Dabović (Sr. Kamenica, RS)

14:30-14:45 Perkutana koronarna intervencija u STEMI / Percutaneous coronary intervention in STEMI

Branislav Crnomarković (Sr. Kamenica, RS)

14:45-15:00 **Perkutana koronarna intervencija na bifurkacionoj leziji / Percutaneous coronary intervention in bifurcation lesion**
Miloš Trajković (Sr. Kamenica, RS)

15:00-15:30 **AMFITEATAR INSTITUTA U SREMSKOJ KAMENICI**

ABBOTT SIMPOZIJUM / ABBOTT SYMPOSIUM

Predsedavajući / Chairman:

Hrvoje Jurin (Zagreb, HR), **Milenko Čanković** (Sr. Kamenica, RS)

15:00-15:05 **Lecture: Clinical Data Updates on Intravascular Imaging: New ESC Guidelines**

Milenko Čanković (Sr. Kamenica, RS)

15:05-15:12 **Case presentation: OCT poweredby AI Guided PCI**

Milenko Čanković (Sr. Kamenica, RS)

15:12-15:15 **Discussion: Meet the Future of Imaging**

Milenko Čanković (Sr. Kamenica, RS)

15:15-15:20 **Lecture: Clinical data Updates on Physiology: new ESC Guidelines &more**

Hrvoje Jurin (Zagreb, HR)

15:20-15:27 **Case Presentation: Physiology Guided PCI**

Hrvoje Jurin (Zagreb, HR)

15:27-15:30 **Discussion: Meet The Future of Physiology**

Hrvoje Jurin (Zagreb, HR)

15:30-16:00 **AMFITEATAR INSTITUTA U SREMSKOJ KAMENICI**

HEMOPARM SIMPOZIJUM / HEMOPARM SYMPOSIUM

Predsedavajući / Chairman:

Milenko Čanković (Sr. Kamenica, RS)

15:30-16:00 **Akutni i hronični koronarni sindrom – prema Evropskim vodičima / Acute and chronic coronary syndrome according to the European guidelines**

Milenko Čanković (Sr. Kamenica, RS)



16:00-18:00 Prenos intervencije uživo iz sale za kateterizaciju srca IKVBV

INTERVENTNI TRETMAN TRIKUSPIDNE INSUFICIJENCIJE

Predsedavajući / Chairman:

Milovan Petrović (Sr. Kamenica, RS) **Igor Ivanov** (Sr. Kamenica, RS),

Mila Kovačević (Sr. Kamenica, RS), **Ivan Ilić** (Beograd, RS)

**16:00-18:00 Interventni tretman teške trikuspidne regurgitacije -
“Tricvalve” – Interventional treatment of severe tricuspid
regurgitation “Tricvalve”**

Igor Tomas (Sr. Kamenica, RS), Milenko Čanković

(Sr. Kamenica, RS), Aleksandra Ilić (Sr. Kamenica, RS)

STRUKTURALNA BOLEST SRCA / STRUCTURAL HEART DISEASE

**16:15-16:30 Urgentni BAV i Impella CP kod bolesnika sa teškom aor-
tnom stenozom, akutnim infarktom miokarda i kardio-
genim šokom / Urgent BAV and Impella CP in a patient with
severe aortic stenosis, acute myocardial infarction and
cardiogenic shock**

Luka Perčin (Zagreb, HR)

**16:30-16:45 Alkoholna septalna ablacija - Alea iacta est / Alcohol septal
ablation - Alea iacta est**

Aleksandar Janjičić (Bijeljina, BiH)

**16:45-17:00 Ehokardiografska procena kod M-TEER i T-TEER / Echocar-
diographic assesment for M-TEER and T-TEER**

Ana Ovsenik (Ljubljana, SLO)

17:00-17:15 M-TEER and T-TEER - combined vs. staged procedure

Miha Šušteršič (Ljubljana, SLO)

17:15-17:30 TAVI in small annuli

Luka Vitez (Ljubljana, SLO)

**17:30-17:45 Endovaskularno lečenje aorte-naša iskustva / Endovascular
treatment of the aorta-our experiences**

Nikola Komazec (S. Kamenica, RS)

**17:45-18:00 MCS u ishemijskoj kardiomiopatiji / MCS in ischemic
cardiomyopathy**

Đorđe Stevanović (Kragujevac, RS)

18:00-18:30 Renalna denervacija – Renal denervation – Live in a box

Moderator: Domagoj Marković (Split, HR)



Subota / Saturday, 7.12.2024.



09:00-10:45 AMFITEATAR INSTITUTA U SREMSKOJ KAMENICI

LEČENJE KARDIOGENOG ŠOKA - TEORIJA VS PRAKSA / TREATMENT OF CARDIOGENIC SHOCK - THEORY VS PRACTICE

Predsedavajući / Chairman:

Milovan Petrović (Sr. Kamenica, RS), **Sonja Dimić** (Sr. Kamenica, RS)
Nemanja Đenić (Beograd, RS), **Stevan Keča** (Sr. Kamenica, RS),
Zoran Jović (Beograd, RS), **Saša Kostovski** (Beograd, RS),
Bojan Mihajlović (Sr. Kamenica, RS)

**09:00-09:15 Savremena terapija kardiogenog šoka / Modern therapy
of cardiogenic shock**

Milana Jaraković (Sr. Kamenica, RS)

**09:15-09:30 Mehanička cirkulatorna potpora IABP / Mechanical
circulatory support IABP**

Jelena Radonjić (Sr. Kamenica, RS)

**09:30-09:45 Mehanička cirkulatorna potpora ECMO / Mechanical
circulatory support ECMO**

Snežana Bjelica (Sr. Kamenica, RS)

**09:45-10:00 Mehanička cirkulatorna potpora Impella / Mechanical
circulatory support Impella**

Miloš Trajković (Sr. Kamenica, RS)

INTERVENTNI PRISTUP U LEČENJU KARDIOGENOG ŠOKA / INTERVENTIONAL APPROACH IN TREATMENT OF CARDIOGENIC SHOCK

**10:00-10:15 Primarna PCI u kardiogenom šoku / Primary PCI in
Cardiogenic shock**

Zoran Jović (Beograd, RS)

10:15-10:30 Balon angioplastika aortne valvule kod pacijenata u kardiogenom šoku / Balloon angioplasty of aortic valve in a patient with cardiogenic shock

Nemanja Đenić (Beograd, RS)

10:30-10:45 Mehanička cirkulatorna potpora iz ugla kardiohirurga / Mechanical circulatory support from the view of the Cardiac surgeon

Saša Kostovski (Beograd, RS)

10:45-11:00 Pauza / Pause

11:00-12:15 Prenos intervencije uživo iz sale za kateterizaciju srca IKVBV

PRENOS INTERVENCIJE UŽIVO IZ SALE ZA KATETERIZACIJU SRCA IKVBV

Predsedavajući / Chairman:

Branko Beleslin (Beograd, RS), **Dragan Debeljački** (Sr. Kamenica, RS),

Vladimir Mitov (Zaječar, RS), **Bojan Maričić** (Niš, RS)

11:00-12:15 Slučaj broj 2 – Bifurkaciona lezija / Case No 2 – Bifurcation lesion

Miloš Trajković (Sr. Kamenica, RS), Branislav Crnomarković (Sr. Kamenica, RS)

11:15 - 12:25 AMFITEATAR INSTITUTA U SREMSKOJ KAMENICI

KAKO SAM REŠIO MOJ SLUČAJ / HOW DID I SOLVE MY CASE

Predsedavajući / Chairman:

Branko Beleslin (Beograd, RS), **Dragan Debeljački** (Sr. Kamenica, RS),

Vladimir Mitov (Zaječar, Srbija), **Bojan Maričić** (Niš, RS)

11:15-11:25 Hronični koronarni sindrom-potruga za uzrokom ishemije/ Chronic coronary syndrome- search for the cause of ischemia
Luka Dodić (Beograd, RS)

11:25-11:35 PCI vođen FFR-om uz primenu balona obloženih paklitakse- lom, bez potrebe za implantacijom stenta / FFR guided PCI with paclitaxel DCB, without the need for stent implantation
Vanja Bojić (Beograd, RS)



- 11:35-11:45 Stenoza LM kod mlađeg pacijenta: PCI vs CABG?/ Stenosis LM in younger patient: PCI vs CABG?**
Stefan Andrejević (Valjevo, RS)
- 11:45-11:55 Neočekivana komplikacija primarne PCI/ unexpected complication of primary PCI**
Mladen Balinovac (Valjevo, RS)
- 11:55-12:05 Bifurkaciona lezija -kako odabrati pravu tehniku?/ Bifurcation laesion- how to choose right technique?**
Nikola Milosavljević (Valjevo, RS)
- 11:05-12:15 Šta se dešava kada mirno more postaje oluja?/ What happens when a calm sea becomes a storm**
Mihajlo Bojanović (Niš, RS)
- 12:15-12:25 Dekstrokardija i STEMI: Dijagnostičke poteškoće u slučaju situs inversus / Dextrocardia and STEMI: Diagnostics difficulties in the case of situs inversus**
Stefan Milenović (Beograd, RS)

12:30 AMFITEATAR INSTITUTA U SREMSKOJ KAMENICI

12:30 ZATVARANJE SIMPOZIJUMA / CLOSING CEREMONY

Mr sci. med. Dragan Debeljački, Načelnik službe za Interventnu kardiologiju IKVBV

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2024 ESC GUIDELINES FOR CCS

**IT'S TIME TO RAISE THE PCI STANDARD.
ANGIOGRAPHY IS NOT ENOUGH.**

**THE USE OF OCT IS NOW RECOMMENDED WHEN PERFORMING
COMPLEX PCI¹**

RECOMMENDATIONS	CLASS	LEVEL
ASSESSMENT OF PROCEDURAL RISKS AND POST-PROCEDURAL OUTCOMES		
Intracoronary imaging guidance by IVUS or OCT is recommended when performing PCI on anatomically complex lesions, in particular left main stem, true bifurcations and long lesions ¹	I	A

**ABBOTT OCT CLINICAL EVIDENCE IS THE FOUNDATION
FOR ESC GUIDELINE RECOMMENDATIONS:**



ILUMIEN IV

OCT-guided PCI significantly reduced stent thrombosis (ST)²

64% LOWER ST²



OCTOBER

OCT-guided PCI of complex bifurcation lesions is superior to angiography-guided PCI for major cardiac adverse events (MACE) at 2 years³

28% LOWER MACE³



RENOVATE-COMPLEX PCI

IVI led to lower risk of composite death from cardiac cause, target vessel-related MR or clinically driven target-vessel revascularization than angiography-guided PCI by 2 years⁴

37% REDUCTION IN TV-MI / CARDIAC MORTALITY⁴

Powered by AI, Ultreon™ 2.0 Software instantly provides you with actionable OCT and angiographic insights, enabling PCI procedural efficiencies and optimal outcome⁵⁻⁹

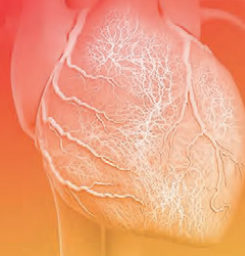


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With Full Physiology^{1,2}



**ANGIOGRAPHY DOESN'T TELL YOU THE FULL STORY.
ASSESSING FULL PHYSIOLOGY LEADS TO BETTER OUTCOMES.**

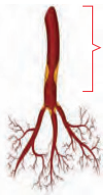
40 TO 60%

of all elective patients undergoing angiography suffer from ischemia and no obstructive coronary artery disease (INOCA)³⁻⁴



UP TO 50%

of INOCA patients might have recurrent angina due to CMD⁴



FFR: Fractional Flow Reserve
RFR: Resting Full-Cycle Ratio



**IMR: Index of
Microcirculatory Resistance**

**CFR: Coronary
Flow Reserve**

ESC GUIDELINES 2024 REFLECT THE IMPORTANCE OF MICROVASCULAR ASSESSMENT AND PREVALENCE OF INOCA/ANOCA⁵

CCS includes not only epicardial but small vessels of the heart or microcirculation.⁵
ANOCA/INOCA is a prevalent factor on clinical spectrum of CCS⁵

Updated ESC guidelines for microvascular assessment

RECOMMENDATIONS	CLASS	LEVEL
Invasive assessment of CFR and/or IMR is recommended to diagnose obstructive CAD or ANOCA/INOCA in patients with an uncertain diagnosis on non-invasive testing ⁵	I	B

Guidelines for epicardial assessment

RECOMMENDATIONS	CLASS	LEVEL
During ICA, selective assessment of functional severity of intermediate diameter stenoses is recommended to guide the decision to revascularize, using FFR or iFR ⁵	I	A

The PressureWire™ X Guidewire used with the CoroFlow† Cardiovascular System is the only solution to assess both epicardial arteries and the microvasculature.^{1,2,6-8}

This easy to use solution provides a full physiology assessment to provide a clear diagnosis and optimize patient treatment.⁷



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