FINAL PROGRAMME

4th DUBROVNIK CARDIOLOGY HIGHLIGHTS

AN ESC UPDATE PROGRAMME IN CARDIOLOGY

10 - 13/10/15 | HOTEL VALAMAR LACROMA | DUBROVNIK | CROATIA

UNDER THE PATRONAGE OF THE CROATIAN ACADEMY OF SCIENCES AND ARTS
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WWW.DUBROVNIKCARDIOHIGHLIGHTS2015.ORG
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Dear colleagues,

The Dubrovnik Cardiology Highlights is the youngest member of the eSC Update Meetings, belonging to the family of three high-level educational and scientific activities of the eSC: Davos Cardiology Update, Rome Cardiology Forum and Dubrovnik Cardiology Highlights. This year it is going to be held from 10 - 13th October. The Cardiology Highlights started in 2009, as a joint project of the eSC and the Croatian Cardiac Society. All the previous Highlights Meetings attracted a very prestigious International Faculty and an interactive audience from all over the world, with a clear tendency of increasing both the quality of the Programme and the number of Faculty members and participants.

The Meeting is a primarily clinically designed for cardiologists and cardiology fellows, but also for other professionals and specialists taking part in all relevant fields of cardiovascular medicine. The main aim is to provide a comprehensive state-of-the-art overview of contemporary cardiology, including cutting edges in science and clinical practice, with a special emphasis on the newest eSC guidelines and position papers. Beside invited lectures from the leading representatives of various specialties in Cardiology, the Programme will be enriched with a joint Zagreb and Zürich University young cardiologists’ session on challenging heart failure clinical cases.

The second day of the Meeting will be entirely dedicated to Heart Failure and therefore endorsed by the eSC Heart Failure Association. Besides that, a focused session of the ESC Working Group on Coronary Pathology and Microcirculation will also be held, according to our wish to emphasize the importance of the ESC constituent bodies.

This special issue of Cardiologia Croatica — the official journal of the Croatian Cardiac Society, consists of selected original contributions from our participants in the form of abstracts, which will be presented in the form of moderated posters. All these abstracts and their presentations are going to be additionally peer reviewed during the Congress and the best of them awarded at the Closing Session of the Meeting.

It is worth reminding that Cardiology Highlights is a joint project of the European Society of Cardiology and the Croatian Cardiac Society, giving an important recognition to Croatian Cardiology, being thus directly involved in such an important eSC event.

We are particularly proud that this year, for the first time, our Dubrovnik Cardiology Highlights Meeting is organized under the patronage of the Croatian Academy of Sciences and Arts, which represents the most distinguished institution of the scientific and cultural heritage of Croatia.

Sincerely yours,

Professor Davor Miličić, FESC, FACC
Director, 4th Dubrovnik Cardiology Highlights
The ‘4th Dubrovnik Cardiology Highlights — an ESC Update Programme in Cardiology’ is a scientific and educational programme of the ESC, which is organized biannually as a joint project of the European Society of Cardiology and the Croatian Cardiac Society. This 4th Dubrovnik meeting offers a high-level update of major selected topics in cardiovascular medicine presented by the distinguished international Faculty.

LEARNING OBJECTIVES

To present the latest science /from bench to bedside/ with perspective on the practice of cardiovascular medicine. To review current ESC guidelines. To discuss the implications of these presentations through interactive discussion and meet-the-expert sessions. The aim is to provide a high level education, thus the scientific programme covers a broad spectrum of topics including atherosclerosis and risk factors, prevention and rehabilitation of cardiovascular diseases, coronary artery disease, acute coronary syndromes, revascularization strategies, arrhythmias, valvular heart disease and heart failure. Special emphasis will be given to issues in practical implementation of the most recent ESC Practice Guidelines in different fields of cardiovascular medicine.

TARGET AUDIENCE

Dubrovnik Cardiology Highlights are designed for clinicians specialized in cardiology and for cardiology fellows, but also experts in various fields of medicine with interest for cardiology. Beside the traditional state of the art lectures a strong emphasis is placed on interactive education with the aim to provide guidance in everyday practice.
MAIN TOPICS

ACUTE CORONARY SYNDROMES
ACUTE AND CHRONIC HEART FAILURE
ADVANCED HEART FAILURE: HEART TRANSPLANTATION AND MCS
CARDIAC SURGERY AND HYBRID PROCEDURES
CARDIAC IMAGING IN VARIOUS SETTINGS
CARDIOVASCULAR RISK
GROWN UP CONGENITAL HEART DISEASE
INTERVENTIONAL ARRHYTHMOLOGY / ELECTROPHYSIOLOGY
INTERVENTIONAL CARDIOLOGY UPDATE
ISCHAEMIC HEART DISEASE
HIGHLIGHTS IN CARDIOVASCULAR DRUGS’ DEVELOPMENT
NEW ADVANCES IN CARDIAC PACING AND AICD, CRT
PERCUTANEOUS VALVE INTERVENTIONS: TAVR, MITRACLIP
PERIPHERAL VASCULAR DISEASES: DIAGNOSTICS AND TREATMENT
RECENT ADVANCES IN BASIC AND TRANSLATIONAL CARDIOLOGY
ESC GUIDELINES - WHAT IS NEW AND ARE PARADIGMS SHIFTED?
INTERACTIVE CLINICAL CASES
MODERATED POSTERS

EBAC CME CREDITS

EUROPEAN BOARD FOR ACCREDITATION IN CARDIOLOGY CME CREDITS

The event ‘4th Dubrovnik Cardiology Highlights — an ESC Update Programme in Cardiology’ is accredited by the European Board for Accreditation in Cardiology /EBAC/ for 21 hours of External CME credits, not including the satellite sessions. Each participant should claim only those hours of credit that have actually been spent in the educational activity. EBAC works according to the quality standards of the European Accreditation Council for Continuing Medical Education /EACCME/, which is an institution of the European Union of Medical Specialists /UEMS/.
PROGRAMME AT A GLANCE
### SATURDAY  10/10/2015

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>15.30 - 17.30</td>
<td>SYMPOSIUM OF THE ESC WG ON CORONARY PATHOPHYSIOLOGY AND MICROCIRCULATION — ‘THE ISACS MEETING’</td>
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<tr>
<td>17.45 - 19.20</td>
<td>CARDIOVASCULAR RISK AND HYPERTENSION</td>
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<td>19.30 - 20.30</td>
<td>WELCOME AND OPENING LECTURES</td>
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<td>20.30 - 22.30</td>
<td>WELCOME RECEPTION</td>
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### SUNDAY  11/10/2015

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<th>Time</th>
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<tr>
<td>08.15 - 10.30</td>
<td>HEART FAILURE – FROM METABOLISM TO NOVEL THERAPIES</td>
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<td>10.45 - 13.20</td>
<td>ADVANCED HEART FAILURE</td>
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<tr>
<td>13.30 - 14.10</td>
<td>MSD SATELLITE SYMPOSIUM</td>
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<td>14.15 - 14.45</td>
<td>BOEHRINGER INGELHEIM SATELLITE SYMPOSIUM</td>
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<td>14.50 - 16.40</td>
<td>TACKLING THE COMPLEXITY OF HEART FAILURE</td>
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<td>16.50 - 18.25</td>
<td>ZAGREB - ZÜRICH FELLOWS INTERACTIVE CASES</td>
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### MONDAY  12/10/2015

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<tr>
<td>08.30 - 10.40</td>
<td>ECHOCARDIOGRAPHY HIGHLIGHTS</td>
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<tr>
<td>11.00 - 12.45</td>
<td>ACUTE CORONARY SYNDROME AND INTERVENTIONAL CARDIOLOGY HIGHLIGHTS</td>
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<td>13.00 - 13.30</td>
<td>PFIZER SATELLITE SYMPOSIUM</td>
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<td>PLIVA SATELLITE SYMPOSIUM</td>
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<td>20.30 - 24.00</td>
<td>GET-TOGETHER DINNER</td>
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### TUESDAY  13/10/2015

<table>
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<th>Time</th>
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<tr>
<td>08.30 - 10.00</td>
<td>SELECTED TOPICS FROM BENCH TO BEDSIDE I</td>
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<tr>
<td>10.15 - 11.45</td>
<td>SELECTED TOPICS FROM BENCH TO BEDSIDE II</td>
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<tr>
<td>12.00 - 13.35</td>
<td>ELECTROPHYSIOLOGY AND PACING</td>
</tr>
<tr>
<td>13.45 - 14.15</td>
<td>CLOSING SESSION: WRAP UP, BEST POSTERS AWARDS</td>
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</table>
15.30 - 17.30  SYMPOSIUM OF THE ESC WG ON CORONARY PATHOPHYSIOLOGY AND MICROCIRCULATION — ‘THE ISACS MEETING’
Chairmen L. Badimon /Barcelona, E/, A. Koller /Budapest, H/, R. Bugiardini /Bologna, I/

15.30 - 15.50  THE ORIGINAL CONCEPT OF ISACS-TC
R. Bugiardini /Bologna, I/

15.50 - 16.05  ANALYZING THE BIG DATA OF EASTERN COUNTRIES
E. Cenko /Bologna, I/

16.05 - 16.20  HUNGARIAN DATA FOR THE ISACS-TC REGISTRY
K. Toth /Pecs, H/

16.20 - 16.35  THE CROATIAN PPCI NETWORK — AN UPDATE
Z. Babić /Zagreb, HR/

16.35 - 16.50  DUAL ANTIPLATELET THERAPY IN HIGH RISK POST MI PATIENTS — TEMPORARY OR FOREVER?
D. Miličić /Zagreb, HR/

16.50 - 17.10  PAST AND FUTURE WG6 POSITION PAPERS: OBESITY, DEPRESSION, EXERCISE
A. Koller – ESC WG6 Chair /Budapest, H/

17.10 - 17.30  DISCUSSION

17.45 - 19.20  CARDIOVASCULAR RISK AND HYPERTENSION
Chairmen K. Kotseva /London, UK/, M. Bergovec /Zagreb, HR/

17.45 - 18.05  DEFENSE REACTION — THE TWO-SIDED SWORD OF HYPERTENSION
S. Julius /Ann Arbor, USA/

18.05 - 18.25  ARTERIAL STIFFNESS ACROSS THE CARDIOVASCULAR CONTINUUM
B. Jelaković /Zagreb, HR/

18.25 - 18.45  SMOKING CESSATION: E-CIGARETTES: PROMISE OR THREAT?
C. Jennings /London, UK/

18.45 - 19.05  EUROASPIRE — THE LANDMARK IN EUROPEAN CV PREVENTION
K. Kotseva /London, UK/

19.05 - 19.20  DISCUSSION

19.30 - 20.30  WELCOME AND OPENING LECTURES
Chairmen D. Miličić /Zagreb, HR/, O. Smiseth /Oslo, NO/, T. Gillebert /Ghent, B/

19.30 - 19.45  WELCOME ADDRESSES

19.45 - 20.05  WORLD-WIDE CARDIOVASCULAR DISEASE PREVENTION — CHALLENGES AND OPPORTUNITIES
D. Wood /London, UK/

20.05 - 20.25  HEART FAILURE: DRUGS, TRANSPLANTATION, DEVICES AND MORE
F. Ruschitzka /Zürich, CH/

20.30 - 22.30  WELCOME RECEPTION
<table>
<thead>
<tr>
<th>Time</th>
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</table>
| 08.15 - 10.30 | **HEART FAILURE — FROM METABOLISM TO NOVEL THERAPIES**  
Chairmen: D. Planinc /Zagreb, HR/, P. Seferović /Belgrade, SRB/ |
| 08.15 - 08.30 | **THE GLOBAL BURDEN OF HEART FAILURE**  
D. Miličić /Zagreb, HR/ |
| 08.30 - 08.50 | **MODULATION OF CARDIAC METABOLISM IN HEART FAILURE**  
G. Rosano /Rome, I/ |
| 08.50 - 09.10 | **HEART FAILURE WITH PRESERVED EF: NEW INSIGHTS INTO A DISEASE IN SEARCH OF A THERAPY**  
S. Solomon /Boston, USA/ |
| 09.10 - 09.30 | **NEW THERAPIES FOR HEART FAILURE WITH REDUCED EF**  
G. Rosano /Rome, I/ |
| 09.30 - 09.50 | **ANGIOTENSIN NEPRILYSIN INHIBITION FOR HEART FAILURE: A NEW PARADIGM?**  
S. Solomon /Boston, USA/ |
| 09.50 - 10.10 | **THE RELEVANCE OF MITRAL REGURGITATION IN HEART FAILURE**  
F. Ruschitzka /Zürich, CH/ |
| 10.10 - 10.30 | **DISCUSSION** |

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| 10.45 - 13.20 | **ADVANCED HEART FAILURE**  
Chairmen: F. Ruschitzka /Zürich, CH/, D. Miličić /Zagreb, HR/ |
| 10.45 - 11.00 | **IMPACT OF REDUCED CREATININE CLEARANCE ON EARLY HEART TRANSPLANTATION OUTCOMES**  
H. Gašparović et al /Zagreb, HR/ |
| 11.00 - 11.20 | **NOVEL MEDICATIONS FOR ACUTE HEART FAILURE**  
P. Seferović /Belgrade, SRB/ |
| 11.20 - 11.40 | **HEART TRANSPLANTATION: WHERE DO WE STAND?**  
M. Crespo Leiro /La Coruna, E/ |
| 11.40 - 12.00 | **SURGERY FOR HEART FAILURE: CONVENTIONAL SURGERY VS. HEART TRANSPLANTATION VS. MECHANICAL CIRCULATORY SUPPORT**  
B. Biočina /Zagreb, HR/ |
| 12.00 - 12.20 | **LVAD AS DESTINATION THERAPY: HOW TO CHOOSE APPROPRIATE CANDIDATES?**  
D. Miličić /Zagreb, HR/ |
| 12.20 - 12.40 | **IMPACT OF LOADING CONDITIONS ON PUMP FLOW OPTIMIZATION IN CONTINUOUS FLOW LEFT VENTRICULAR ASSIST DEVICES**  
M. Čikeš /Zagreb, HR/ |
| 12.40 - 13.00 | **TOTAL ARTIFICIAL HEART VS. HEART TRANSPLANTATION: A LONG-TERM SOLUTION TODAY AND TOMORROW**  
I. Knežević /Ljubljana, SLO/ |
| 13.00 - 13.20 | **DISCUSSION** |
13.30 - 14.10  MSD SATELLITE SYMPOSIUM

13.30 - 13.50  IMPROVE-IT: EVEN LOWER IS EVEN BETTER
H. Darius /Berlin, D/

13.50 - 14.10  COMBINATION THERAPY — A MODERN APPROACH TO DYSLIPIDEMIA TREATMENT
M. Čikeš /Zagreb, HR/

Lunch bags will be served during Satellite symposia

14.15 - 14.45  BOEHRINGER INGELHEIM SATELLITE SYMPOSIUM
Moderator Davor Miličić /Zagreb, HR/

14.15 - 14.30  WHY IS DABI GATRAN A RELIABLE CHOICE IN PATIENTS WITH ATRIAL FIBRILLATION?
Š. Manola /Zagreb, HR/

14.30 - 14.45  ANTICOAGULANT THERAPY: NOAC WITH EFFECT REVERSAL
D. Miličić /Zagreb, HR/

14.50 - 16.40  TACKLING THE COMPLEXITY OF HEART FAILURE
Chairmen M. Lainščak /Celje, SLO/, G. Rosano /Rome, I/

14.50 - 15.10  NUTRITIONAL STATUS, CACHEXIA AND OBESITY — THE RELEVANCE IN HEART FAILURE
S. Anker /Gottingen, D/

15.10 - 15.30  COPD AND HEART FAILURE
M. Lainščak /Celje, SLO/

15.30 - 15.50  UNDERSTANDING RIGHT HEART FAILURE
A. Flammer /Zürich, CH/

15.50 - 16.10  CONTEMPORARY TREATMENT OF PULMONARY HYPERTENSION
R. Naeije /Brussels, B/

16.10 - 16.30  HEART FAILURE IN GUCH: INCREASINGLY COMMON AND THERAPEUTICALLY CHALLENGING
G. Diller /Munster, D/

16.30 - 16.40  DISCUSSION

16.50 - 18.25  ZAGREB – ZÜRICH FELLOWS INTERACTIVE CASES
Chairmen A. Flammer /Zürich, CH/, M. Čikeš /Zagreb, HR/, F. Ruschitzka /Zürich, CH/, D. Miličić /Zagreb, HR/

16.50 - 17.05  INTRODUCTORY LECTURE: THE NEW HEART FAILURE DOCTOR — A MULTIDISCIPLINARY TEAM APPROACH
R. Amstein /Zürich, CH/

17.05 - 17.25  HYPERTENSION IN HEART FAILURE
M. Nägele /Zürich, CH/

17.25 - 17.45  CARDIOGENIC SHOCK IN A PATIENT WITH SEVERE AORTIC STENOSIS: EXPECT THE EXPECTED
I. Planinc /Zagreb, HR/

17.45 - 18.05  ADVANCED HEART FAILURE - WHEN BOTH VENTRICLES FAIL
S. Winnik /Zürich, CH/

18.05 - 18.25  THE CHALLENGES OF ADVANCED HEART FAILURE TREATMENT IN A YOUNG FEMALE PATIENT
N. Jakuš /Zagreb, HR/
### MONDAY 12/10/2015

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>08.30 - 10.40</td>
<td><strong>ECHOCARDIOGRAPHY HIGHLIGHTS</strong></td>
<td>F. Flachskampf /Uppsala, S/, M. Kasner /Berlin, D/</td>
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<td>08.30 - 08.45</td>
<td><strong>LEFT ATRIAL STRAIN — READY FOR PRIME TIME</strong></td>
<td>M. Vrsalović /Zagreb, HR/</td>
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<td>08.45 - 09.05</td>
<td><strong>THE ROLE OF ECHOCARDIOGRAPHY IN THE</strong></td>
<td>T. Gillebert /Ghent, B/</td>
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<tr>
<td>09.05 - 09.25</td>
<td><strong>DIAGNOSIS OF AORTIC STENOSIS: HOW DID A SIMPLE</strong></td>
<td>F. Flachskampf /Uppsala, S/</td>
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<td>09.25 - 09.55</td>
<td><strong>HOW TO APPLY STRAIN IMAGING IN CLINICAL</strong></td>
<td>O. Smiseth /Oslo, NO/</td>
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<td>09.55 - 10.05</td>
<td><strong>CHALLENGES IN CLINICAL ASSESSMENT AND</strong></td>
<td>J. Šeparović Hanževački /Zagreb, HR/</td>
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<td>10.05 - 10.25</td>
<td><strong>HFPEF — WHAT CAN ECHO REVEAL BEHIND CURTAINS?</strong></td>
<td>D. Vinereanu /Bucharest, RO/</td>
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<td>10.25 - 10.40</td>
<td><strong>DISCUSSION</strong></td>
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<td><strong>ACUTE CORONARY SYNDROME AND INTERVENTIONAL CARDIOLOGY HIGHLIGHTS</strong></td>
<td>B. Iung /Bichat, F/, F. Crea /Rome, I/</td>
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<td>11.00 - 11.20</td>
<td><strong>MECHANISMS OF ACS</strong></td>
<td>F. Crea /Rome, I/</td>
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<td>11.20 - 11.35</td>
<td><strong>MECHANICAL CIRCULATORY SUPPORT FOR</strong></td>
<td>B. Skorić /Zagreb, HR/</td>
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<tr>
<td>11.35 - 12.10</td>
<td><strong>TRANSCATHETER TREATMENT OF MITRAL VALVE</strong></td>
<td>B. Iung /Bichat, F/</td>
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<td>11.55 - 12.10</td>
<td><strong>BIFURCATION CORONARY LESIONS: PCI</strong></td>
<td>M. Strozzi /Zagreb, HR/</td>
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<td>12.10 - 12.30</td>
<td><strong>PATIENT SELECTION FOR TAVI — GUIDELINES AND FUTURE CHALLENGES</strong></td>
<td>B. Iung /Bichat, F/</td>
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<td><strong>DISCUSSION</strong></td>
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<td>13.00 - 13.30</td>
<td><strong>PFIZER SATELLITE SYMPOSIUM</strong></td>
<td>D. Miličić /Zagreb, HR/</td>
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<td><strong>THE FUTURE OF STROKE PREVENTION IN NVAF: NOACS FOR ALL?</strong></td>
<td>R. Hatala /Bratislava, SK/</td>
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Lunch bags will be served during Satellite symposia
PLIVA SATELLITE SYMPOSIUM
Moderator D. Miličić /Zagreb, HR/

13.45 - 14.15
ACETYLSALICYLIC ACID IN PREVENTION AND TREATMENT OF CARDIOVASCULAR DISEASES
A. Knežević /Zadar, HR/

13.55 - 14.05
LOW-DOSE ACETYLSALICYLIC ACID — EFFICACY AND SAFETY IN CORONARY HEART DISEASE
K. Štambuk /Zagreb, HR/

14.05 - 14.15
ACETYLSALICYLIC ACID AND GASTROINTESTINAL ENDOSCOPY REVISITED: A TIME FOR PARADIGM SHIFT
H. Ivecović /Zagreb, HR/

14.30 - 16.30 NOVEL ESC GUIDELINES AND RECOMMENDATIONS
Chairmen T. Gillebert /Ghent, B/, O. Smiseth /Oslo, N/

14.30 - 14.50
A TOUR OF THE LATEST ECHOCARDIOGRAPHIC CHAMBER QUANTIFICATION GUIDELINES
F. Flachskampf /Uppsala, S/

14.50 - 15.10
ESC 2015 PULMONARY HYPERTENSION GUIDELINES
T. Gillebert /Ghent, B/

15.10 - 15.30
ESC 2015 GUIDELINES ON ARRHYTHMIAS AND SCD
R. Hatala /Bratislava, SK/

15.30 - 15.50
SECONDARY PREVENTION THROUGH CARDIAC REHABILITATION: FROM KNOWLEDGE TO IMPLEMENTATION /EACPR POSITION PAPER/
D. Gaita /Temisoara, RO/

15.50 - 16.10
NEW APPROACH IN ‘RULE IN – RULE OUT’ ALGORITHMS USING HIGH SENSITIVE CARDIAC TROPOVIN T IN PATIENTS WITH SUSPECTED AMI — FOCUS ON THE NEW ESC NSTEMI GUIDELINES
M. Müller-Hennessen /Heidelberg, D/

16.10 - 16.30
DISCUSSION

16.45 - 18.15 GROWN UP CONGENITAL HEART DISEASE
Chairmen G. Diller /Munster, D/, A. Šmalcelj /Zagreb, HR/

16.45 - 17.00
CASE REPORT
M. Brida /Zagreb, HR/

17.00 - 17.20
CARDIAC ADAPTATIONS TO CHILDHOOD DISEASE AND IMPLICATIONS FOR ADULT LIFE
M. Koželj /Ljubljana, SLO/

17.20 - 17.40
CONTEMPORARY CHALLENGES IN THE CARE OF GUCH PATIENTS
G. Diller /Munster, D/

17.40 - 18.00
PHYSICAL EFFORT AND PREGNANCY IN GUCH PATIENTS
M. Strozzi /Zagreb, HR/

18.00 - 18.15
DISCUSSION

20.30 - 24.00
GET-TOGETHER DINNER
### SELECTED TOPICS — FROM BENCH TO BEDSIDE I
Chairmen L. Badimon /Barcelona, E/, G. Gensini /Florence, I/

- **08.30 - 08.50**
  - Evidence-Based Medicine, Knowledge Based Medicine and Precision Medicine
  - G. Gensini /Florence, I/

- **08.50 - 09.10**
  - Novel Tools and Risk Score for Early Detection of Cardiovascular Disease
  - M. El Shahawy /Sarasota, USA/

- **09.10 - 09.30**
  - New Biomarkers in Cardiology
  - L. Badimon /Barcelona, E/

- **09.30 - 09.50**
  - Future Research in Cardiovascular Risk Management in Diabetic Patients
  - Z. Fras /Ljubljana, SLO/

- **09.50 - 10.00**
  - Discussion

### SELECTED TOPICS — FROM BENCH TO BEDSIDE II
Chairmen R. Bugiardini /Bologna, I/, Lj. Banfić /Zagreb, HR/

- **10.15 - 11.15**
  - Recent Advances in the Use of Stem Cells in Cardiology
  - Ž. Bošnjak /Milwaukee, USA/

- **11.15 - 11.35**
  - Discussion

### ELECTROPHYSIOLOGY AND PACING
Chairmen R. Hatala /Bratislava, SK/, D. Delić Brkljačić /Zagreb, HR/

- **12.00 - 12.20**
  - Implantable Defibrillators — Story of Majesty of Life and Dignity of Dying
  - R. Hatala /Bratislava, SK/

- **12.20 - 13.00**
  - PVC and VT in Structurally Normal Hearts
  - Š. Manola /Zagreb, HR/

- **13.00 - 13.20**
  - Subcutaneous Defibrillator Technology
  - R. Cappato /Milano, I/

- **13.20 - 13.35**
  - Discussion

### CLOSING SESSION: WRAP UP, BEST POSTERS AWARDS
Chairmen D. Milčić /Zagreb, HR/, O. Smiseth /Oslo, NO/, T. Gillebert /Ghent, B/, D. Gaita /Temisoara, RO/, Z. Fras /Ljubljana, SLO/, M. Čikeš /Zagreb, HR/

- **13.45 - 14.15**
  - Lunch will be served in the Auditorium
The posters highlighted in **bold** have been chosen for moderated poster presentations /7 min for the presentation and 3 min for the discussion/ within the noted sessions. All abstracts are published in the supplement of Cardiologia Croatica — a member of the ESC national societies cardiovascular journals.

**SUNDAY 11/10/2015 13:15 - 14:45**

**Chairmen** T. Gilbert /Ghent, B/, D. Gaita /Temisoara, RO/, M. Lainščak /Ljubljana, SI/, K. Štambuk /Zagreb, HR/

**HEART FAILURE**

1. **Is there a difference in release of high sensitive troponin I and brain natriuretic peptide in acute heart failure with reduced and preserved ejection fraction?**

2. **National trends in heart failure hospitalization and mortality in Slovenia.**
   Farkas J, Omersa D, Erzen I, Lainscak M /Ljubljana, Celje, SI/

3. **Management of heart failure in family medicine.**
   Tusek Bunc K /Maribor, SI/

4. **The relevance of biomarkers 1 year after heart transplantation: is there increased predictive value of high sensitive troponin?**

5. **Can preoperative platelet count predict overall mortality in patients implanted with a left ventricular assist device?**

**CARDIAC IMAGING**

6. **Influence of body mass index on survival and length of hospital stay in heart transplantation versus left ventricular assist device recipients.**

7. **Atypical cause of purulent pericarditis.**

8. **Is mitral regurgitation a predictor of left atrial thrombosis in patients with atrial fibrillation?**

9. **Adenosine stress test in characterization of ischemic heart disease.**
   Boban M, Raljevic D, Pehar Pejcinovic V, Persic V /Opatija, HR/

10. **A case report of asymptomatic transient biventricular dysfunction after pericardiocentesis: importance of echocardiographic follow-up.**
    Ivanac Vranesic I, Vrkc Kirhmajer M, Putarek K, Banfic LJ /Zagreb, HR/

11. **Atypical presentation in type A aortic dissection: a case report.**
    Kostova N, Otljanska M, Kostov /Skopje, MK/

12. **Saphenous vein graft aneurysm nineteen years after aortocoronary bypass surgery: a case report.**
    Krpan M, Miovske Z /Zagreb, HR/

13. **Cardiac magnetic resonance imaging in separation of athlete’s heart from cardiomyopathy.**
    Persic V, Pehar Pejcinovic V, Raljevic D, Boban M /Opatija, HR/
### CARDIOVASCULAR PREVENTION AND REHABILITION

14. Working ability and coronary heart disease. 
   Alfirevic Z, Barac K /Zagreb, HR/


17. Which characteristics contribute to health-related quality of life in patients with coronary heart disease? Tusek Bunc K /Maribor, SI/


### PERIPHERAL VASCULAR DISEASES: DIAGNOSTICS AND TREATMENT


26. Correlation between thromboembolic score and anteroposterior diameter of left atrium and left ventricle ejection fraction in patients with atrial fibrillation. Lazic S, Markovic S, Sipic M, Lazic B /KosovskaMitrovica, Pristina, KV/

27. Thromboprophylaxis in various clinical forms of atrial fibrillation. Markovic S, Lazic S, Sipic M, Lazic B /Pristina, KosovskaMitrovica, KV/


29. Rotational angiography with 3D reconstruction: new imaging method in electrophysiology in University Hospital Centre Zagreb. Puljevic M, Puljevic D, Pezo-Nikolic B, Velagic V /Zagreb, HR/


33. Optimal treatment strategy using appropriate use criteria. Gabaldo K, Prvulovic D, Vujeva B, Hadzibegovic I /SlavonskiBrod, HR/
**SATURDAY | 10/10/2015**

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<td>OPENING CEREMONY</td>
<td>Hotel Valamar Lacroma</td>
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<td>20.30 - 22.30</td>
<td>WELCOME RECEPTION</td>
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**MONDAY | 12/10/2015**

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<td>20.30 - 24.00</td>
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**ACCOMPANYING PERSONS PROGRAMME**

Agency Spektar putovanja will offer optional tours for accompanying persons. Please visit the registration desk to sign up for the tour.

**DUBROVNIK CITY TOUR**

**Half day morning tour**

Dubrovnik, magnificent city from the UNESCO List of Cultural Heritage will amuse you with its almost two kilometers in length, Dubrovnik’s city walls which are among the best preserved and most attractive on this planet, and a walk along them is an absolute must. The defenses were built between the 8th and the 16th century. The walls were strengthened by myriad towers and bastions, and were never breached - the Republic of Dubrovnik only fell after Napoleon’s armies were invited in on condition that they would respect its independence.

**included** guide, entrance fees

**minimum** 15 pax

**dates** Sunday afternoon 11/10 and Monday afternoon | 12/10

**TRSTENO – STON CITY TOUR**

**Half day tour**

Trsteno can be described as a successful attempt to fit natural characteristics together in order to achieve perfect harmony between man and nature. The village is famous for the two gigantic plane trees, both over 500 years old, which today are the part of the oldest botanical garden in Croatia - the Arboretum. Established at the end of the 15th century, as a summer residence of the Gučetić family, today it presents the finest example of Croatian landscape architecture.

**included** transportation, guide, entrance fees

**minimum** 20 pax

**dates** Monday morning | 12/10
CONGRESS VENUE

HOTEL VALAMAR LACROMA
Ulica Iva Dulčića 34 | Dubrovnik | Croatia

Valamar Lacroma Dubrovnik Hotel, the proud recipient of the prestigious 2013 World Travel Award as ‘Croatia’s Leading Hotel’ and the 2014 World Travel Award as ‘Croatia’s Leading Business Hotel’, is located on the tranquil Babin Kuk peninsula, surrounded by pine tree forests and soothing white pebble beaches. Renowned for its fusion of nature and state of the art facilities, the hotel offers ultra modern rooms and suites, the largest MICE facilities in the area, memorable gastronomic experiences in its gourmet restaurant, a wine bar terrace with panoramic views of the Elaphiti Islands and an abundance of activities to let you create a perfectly balanced holiday in Croatia with an added touch of luxury.

OFFICIAL LANGUAGE

The official language of the Congress is English. No simultaneous translation will be provided.

APPOINTED PCO AGENCY

SPEKTAR PUTOVANJA D.O.O.
Tkalčićeva 15 | 10 000 Zagreb | Croatia
tel 00 385 1 4862 600 | fax 00 385 1 4862 622
e-mail ana.hadjic@spektar-holidays.hr

REGISTRATION DESK AND SLIDE AREA

Hotel Valamar Lacroma
Saturday 10/10 13.00 - 20.00
Sunday 11/10 07.15 - 18.30
Monday 12/10 07.30 - 18.30
Tuesday 13/10 07.30 - 14.15

PRESENTATION GUIDELINES

POWERPOINT CENTRE FOR SPEAKERS

Speakers should sign in at the PowerPoint Centre at least 2 hours before their lecture. The PowerPoint Centre is located in the technical booth at the entrance of the main hall. Technical assistance will be available in the PowerPoint Centre and in the lecture hall.

POSTER PRESENTATIONS

Poster should not exceed 90 cm width x 120 cm height /portrait style/. Each poster will be indicated with an appropriate number on the panel attached to the board with double adhesive tape, provided by the Organizers. A headline strip on the poster at least 20 cm high should include the title, authors and affiliations with lettering of at least 2.5 cm in height. The poster should be designed in such a way that it is readable from a distance of at least 2 m. All posters should be mounted on Saturday afternoon 10/10 and dismantled on Tuesday afternoon 13/10. Selected posters have been chosen for moderated poster presentations /7 min for the presentation and 3 min for the discussion/ within the noted sessions.
AWARDS FOR BEST POSTERS

Three best posters will be chosen by the Poster Grading Committee.

The presenters of the best graded posters will be rewarded as follows:

1st award
Registration fee for the 5th Dubrovnik Cardiology Highlights, September 2017

2nd award
Registration fee for the 24th Annual meeting of the Alpe Adria Association of Cardiology

3rd award
Registration fee for the 11th Congress of the Croatian Cardiac Society, Zagreb, November 2016

REGISTRATION FEES

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<th>Category</th>
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REGISTRATION FEE FOR PARTICIPANTS INCLUDES

Admission to all scientific sessions and exhibition / Conference bag, Final programme and Abstract book / CME credits

ACCREDITATION

Cardiology Highlights is recognized by the following medical societies as accredited continuing education:

EBAC, European Board for Accreditation in Cardiology — 21 CME points / 4, 6, 6, 5 CME points for October 10, 11, 12, 13, respectively, excluding the satellite sessions/

Croatian Medical Chamber
National CME authority of Croatian Medical Chamber is granting European accreditation:
20 points for ‘active’ participation
10 points for ‘passive’ participation

CERTIFICATE OF ATTENDANCE

Certificates of Attendance will be available on request at the end of the Congress at the Registration Desk.

EXHIBITION AREA

Participants are invited to visit the Exhibition area located in the Business Center of the Valamar Lacroma Hotel

Exhibition area opening times
Saturday 10/10 15.30 - 20.00
Sunday 11/10 08.15 - 18.30
Monday 12/10 08.30 - 18.30
Tuesday 13/10 08.30 - 14.00
Dubrovnik is an ancient town with millennial history and on the list of UNESCO world cultural heritage. The city is surrounded by 2 kilometers of walls built between the 11th and 17th century. Dubrovnik ranks among the sunniest towns of Southern Europe. In July it has 12.4 hours of sunshine a day, like Alexandria in Egypt. The vegetation is subtropical /olives, almond, citrus fruit, rosemary, laurel, holms oak, pine, stone pine and cypress/.

The City of Dubrovnik is situated in the far south of the Republic of Croatia, from cape Orsula in the east to Brsečine in the west. With the Elaphite archipelago /islands of Šipan, Lopud, Koločep, Olima, Tajan and Jakljan/ it covers an area of 145.35 sq. km and stretches along 20.5 km. The city comprises 51 settlements, 47004 inhabitants, with median density of population of 3281 per sq. km.

Dubrovnik was founded in the 7th century. The city is surrounded by 2 kilometers of walls built between the 11th and 17th centuries. In its millennial history, freedom, independence, sovereignty were the mainstay of Dubrovnik's social system. European crusades, pilgrims to Jerusalem, travel writers, messengers, adventures and those seeking new knowledge and perspective passed through or stayed.

Moreover, they had no regrets. Today in Dubrovnik, they arrive comfortably and easily, by plane, boat or car. Stradun, Dubrovnik's central street, the meeting place of the town, is unique in its beauty. The climate is perhaps a measure of the town. In summer, when it is unbearably hot, it is a pleasure to sit in the deep shade of the town palaces and monasteries, waiting for night to bring a light mistral wind to cool the hot city walls. In the evening, in one of the many restaurants of Dubrovnik, you can try their fish specialties or drink one of the renowned local wines. You will then feel the same heat that fills the people from Dubrovnik: an invitation to enjoyment and song. The famous Bernhard Shaw once said: Those who seek paradise on Earth should come to see Dubrovnik. Therefore, it is the one and only - Dubrovnik.
As you put on your tie before a business meeting or a theatre performance, as you write with your ball point pen, do you ever think of Croatia? Our guess is that you do not. Why should you? However, let us press the point. Your tie is, after all, a direct descendant of the very same cravat that Croatian soldiers, as the French encyclopedia tells us, used to tie around their necks in the 17th century. Moreover, the ball-point pen that you use was invented by S. Penkala, a Croatian engineer who constructed the first ballpoint pen and the first fountain pen in 1906. Indeed, have you ever been to Croatia; because Croatia awaits you with an invitation to spend your precious leisure time in a new, dynamic and entirely different way. Only those who have never visited this Central European country may sometimes feel that we are exaggerating. However, they must be told that images of Croatia painted in words or photographs alike are not the product of imagination or embellishment, despite the unearthly beauty they often reveal. After all, has not the beauty of Croatia been captured in countless books, paintings and photographs? Few people realize that Shakespeare’s Twelfth Night takes place here, or that Carlo Goldoni, Jack London, Eugene Ionesco, to name but a few, were enchanted by the beauty of the Croatian landscape. The famous master of plots and intrigues, Agatha Christie, also had a good reason to find a special place in her heart for Dubrovnik and Split: she spent her second honeymoon there. We could tell many tales of the famous who came here. Some of them are public, some are secret and some are open secrets. Let us, instead, tell the tale of the country they have chosen, not without reason.

Croatia is a place where the Mediterranean, the Alps and the Pannonian plain come together: this country has taken something from each one of them and blended those parts into a unique harmony and a rare beauty. Side by side in Croatia, there are phenomena, which are usually many miles apart. Within a hundred kilometers, you will find the sea, the karst, densely wooded mountains and fertile plains. All those beauties are just a few hour drive away from the European centers on whose traditions, through constant giving and receiving, Croatia has been building its history and culture, past and present. And above all it’s future. If we want to be completely honest: practically nowhere else can you find the sea as clean as the Croatian Adriatic. In Croatia, the beauties of nature are not something one reads about in books. Ecologically, it has one of the best-preserved environments, with as many as seven national parks. Croatia is a country at the historical crossroads, and a land where cultures meet, a land of long tourist traditions, and a land for all seasons. Although there was an independent Croatian principality and Kingdom from the 9th to the 12th century, today Croatia is one of the newest states in Europe. It adopted its constitution on 22 December 1990, and was recognized internationally on 15 January 1992. The international recognition of its sovereignty and its acceptance into the membership of the UN in 1992 marked the end of a crucial period in the establishment of Croatia as a new state in the European and world community. The capital of Croatia is Zagreb, a city of 1 million inhabitants, and the hub of Croatian culture, education and trade. Croatia is rich in natural resources, and is determined to build its future on services and high technology.
The Congress Organizer would like to thank the following sponsors for their generous support:

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Terapijske indikacije: liječenje hipertenzije, liječenje koronarnih bolesti srca (angina pectoris).

Dosiranje i način primjene: Dosiranje: Užitkom. Kod ističuće terapijske indikacije doza bisoprolola je 5 mg jednom dnevno. Ukoliko je potrebno, dozu se može povećati na 10 mg jednom dnevno. Olovalazivna preporuka doza je totalno individuvala i može varirati od 5 do 20 mg jednom dnevno. U zaštitu od sučelja može doći u nekoliko dividiranih primjera.

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