

Heart Failure 2012

CONGRESS ORGANISED BY THE HEART FAILURE ASSOCIATION OF THE ESC TOGETHER WITH THE ANNUAL CONGRESS OF THE EUROPEAN SECTION OF THE INTERNATIONAL SOCIETY FOR HEART RESEARCH AND THE ESC WORKING GROUP ON MYOCARDIAL FUNCTION

FINAL PROGRAMME

BELGRADE
SERBIA
19-22 MAY



www.escardio.org/HFA

CARDIOLOGISTS - INTERNISTS - GENERAL PRACTITIONERS - PHYSICIANS - BASIC SCIENTISTS
EPIDEMIOLOGISTS - NURSES - INDUSTRY AFFILIATES - HEALTH CARE PROVIDERS



Myocardial Function
ESC Working Group



ISHR
International Society for Heart Research
European Section



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to sign up**

www.escardio.org/HFA



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Welcome Address

Dear friends and colleagues,

The Heart Failure Association of the European Society of Cardiology, the European Section of the International Society for Heart Research and the ESC Working Group on Myocardial Function are pleased to welcome you to the Heart Failure Congress 2012, here in Belgrade. The aim of our joint Scientific Committee is to create an exciting forum for both clinicians and scientists to present, hear, exchange and discuss the most up-to-date research and clinical findings in heart failure.

The programme has been carefully planned to provide state-of-the-art information about all aspects of heart failure - from basic science, through diagnostic strategies (including imaging and biomarkers), pharmacological and device therapy, disease monitoring (both biochemical and technological) and organisation of care (with special focus on the role of nurses, pharmacists and remote monitoring).

Integration of pharmacology and technology in the era of personalised heart failure management will be the overarching theme of the programme (including the management of co-morbidities, risk models, decision support systems and cell therapy), with the interpretation and application of the latest clinical trial results given centre stage. Based on delegates' feedback from previous meetings, we have ensured that these topics will be covered in a variety of formats (expert lectures in plenary sessions, interactive educational sessions with case presentations, debates and original scientific contributions) by colleagues from many different countries. Participation of young cardiologists will also be stimulated and supported through the Young Investigator Award sessions for basic and clinical research and International Heart Failure Societies' joint sessions.

For those working clinically, our main objective is to provide the knowledge required for your everyday practice, including the use of devices and technologies (ICD, CRT, LVADs). Our faculty will provide a practical and international perspective, incorporating the latest ESC and brand new Heart Failure guidelines. For those whose principal concern is research, sessions dedicated to the advances in the field of biomarkers, bio-imaging, and cell therapy will be of special interest.

Our host city, Belgrade, is one of the most exciting and rapidly developing European capitals, famous for its natural beauty, cultural events and hospitality. It will delight you with its two rivers, beautiful lake, many monuments, parks and charming restaurants.

Thank you for being with us in Belgrade. Enjoy your time, learn something new, meet peers, colleagues and friends, and help us prepare an informative and rewarding programme in future years by giving your feedback!

Yours sincerely,

P. Ponikowski (Wroclaw, PL),
HFA President

P. Seferovic (Belgrade, RS),
Heart Failure 2012 Scientific Chairperson

J. Riley (London, GB),
HFA Nurse Representative

T. Eschenhagen (Hamburg, DE),
President ISHR European Section

S.D. Anker (Berlin, DE),
HFA President-Elect

Z. Papp (Debrecen, HU),
HFA Basic Sciences Representative

I. Ekman (Gothenburg, SE),
HFA Nurse Representative

D. Hilfiker-Kleiner (Hannover, DE),
Chairperson ESC WG on Myocardial
Function

Organising Committee

Board of the Heart Failure Association of the ESC (2010 - 2012)

P. Ponikowski FESC (Wroclaw, PL)
S.D. Anker FESC (Berlin, DE)
J.J.V. McMurray FESC (Glasgow, GB)
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T. McDonagh FESC (London, GB)
C. Maack (Homburg/Saar, DE)
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Immediate Past-President
Chairperson Clinical Section
Chairperson Basic Sciences Section
Secretary
Treasurer

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P. Seferovic FESC (Belgrade, RS)

Ex-officio

D. van Veldhuisen FESC (NL) - *Editor in Chief of the European Journal of Heart Failure*

Sui Generi

K. Dickstein FESC (Stavanger, NO), G. Hasenfuss FESC (Gottingen, DE), A. Shah FESC (London, GB)

Council of the International Society for Heart Research - European Section

T. Eschenhagen FESC (Hamburg, DE)
S. Harding FESC (London, GB)
P. Ferdinandy (Szeged, HU)

President
Past-President
President-Elect

ESC Working Group on Myocardial Function

D. Hilfiker-Kleiner FESC (Hannover, DE)
J. Bauersachs FESC (Hannover, DE)
J.L. Balligand FESC (Brussels, BE)

Chairperson
Vice-Chairperson & Treasurer
Past-Chairperson

Local Committee

N. Cemerlic Adic FESC (Novi Sad, RS)
M. Deljanin Ilic FESC (Nis, RS)
D. Gaita FESC (Timisoara, RO)
V. Kanjuh (Belgrade, RS)
M. Lainscak FESC (Golnik, SI)
R. Maksimovic (Belgrade, RS)
D. Milicic FESC (Zagreb, HR)

V. Mitrovic FESC (Bad Nauheim, DE)
A.N. Neskovic FESC (Belgrade, RS)
S. Pavlovic FESC (Belgrade, RS)
A.D. Ristic FESC (Belgrade, RS)
G. Stankovic FESC (Belgrade, RS)
Z. Vasiljevic FESC (Belgrade, RS)



European Society of Cardiology (ESC)

2035 Route des Colles - Les Templiers
06903 Sophia Antipolis - France
Tel: + 33 4 92 94 76 00

Email: HFsecretariat@escardio.org

Web Site: www.escardio.org

Heart Failure Association of the ESC

ESC Specialty Centre

Tel: + 33 4 92 94 76 00

Email: hfa@escardio.org

Web Site: www.escardio.org/HFA



A to Z Information

Abstract CD-ROM

All accepted abstracts will be published on the Abstract CD-Rom. This can be obtained at the Medtronic stand (B100) in the Exhibition. Hand in the voucher in your congress bag to collect your copy.



Automated Teller Machine (ATM)

Several ATMs are located in front of rooms Pancevo and Subotica.

Certificate of Attendance

A Certificate of Attendance will be given out to eligible participants at the registration desks from Monday 21 May at 12:00.

City information

The Belgrade Convention Bureau will be happy to welcome you in the Registration area and provide you with all information you might require for your stay: restaurants, sightseeing, taxi reservation, just ask!

Cloakroom, Luggage and Poster Storage

The cloakroom, luggage and poster storage is located in the registration area. It is free of charge and will be open at the following times:

Saturday 19 May	12:00 - 21:00
Sunday 20 May	07:30 - 18:30
Monday 21 May	07:30 - 18:30
Tuesday 22 May	07:30 - 13:00

CME Credits



The Heart Failure 2012 Congress is accredited by the European Board for Accreditation in Cardiology (EBAC) for **17 hours of External CME credits**.

Each participant should claim only those hours of credit that have actually been spent in the educational activity.

EBAC works in cooperation with the European Accreditation Council for Continuing Medical Education (EACCME) which is an institution of the European Union of Medical Specialists (UEMS). EBAC credits are recognised by the American Medical Association towards the Physician's Recognition Award (PRA). Detailed instructions for converting these credits to AMA PRA Category 1 Credits are available on the AMA website.

EBAC Certificates will be available at the Registration desks from Monday 21 May at 12:00.

Coffee Breaks

From Sunday morning to Tuesday morning, complimentary buffets are located in the Exhibition Area during break hours.

Congress Badge

The congress badge gives access to the congress from Saturday 19 May to Tuesday 22 May 2012. For security reasons, please have your badge visible at all times during the congress. Lost badges: a fixed price of **€45** will be charged for the replacement of lost badges at the Registration Assistance desks.

IMPORTANT INFORMATION

Please note that by scanning your badge on Exhibition Stands or at the entrance of an Industry Educational session, you accept that the company may contact you, using your contact details as submitted to the European Society of Cardiology.

Currency

The Serbian currency is the Serbian Dinar, abbreviated as RSD. Credit cards (Visa, Eurocard, MasterCard and Diners Club) are accepted in most shops and ATMs are widely available in the city centre. A bureau de change is also available in the Congress Centre, in front of room Nis.

E-slides

Catch highlight presentations hot off the press. The Scientific Committee has specially chosen a number of presentations to be available online for immediate consultation during and after the Congress.

Visit www.escardio.org/HFA (Scientific Reports)

Exhibition

The Exhibition will feature commercial exhibitors and will be open at the following times:

Saturday 19 May	12:00 - 21:00
Sunday 20 May	09:00 - 18:00
Monday 21 May	09:00 - 18:00

Heart Failure Societies & WGs Corner

Meet your National Heart Failure Society/Working Group in the Exhibition. Find out more about the Heart Failure network and what it can do for you.

NEW!

HFA Members Lounge

Looking for a relaxing place with Wifi connexion where you can meet your friends? Become an HFA Online or Full Member and get access to the HFA Members Lounge. Visit the ESC/HFA stand to discover the HFA Membership Services.

A to Z Information

Insurance and Liability

The conference organiser, the HFA of the ESC and the Sava Centar cannot be held liable for personal injury or any loss or damage to the belongings of conference participants, either during or as a result of the conference. Please check the validity of your own insurance.

Language

The official conference language is English. All lectures and presentations will be held in English, except six special local language sessions. No translation will be provided.

Lunch

Cash bars with snacks and salads will be available throughout the Exhibition and a Restaurant will be open near room Pancevo on the following schedule:

Sunday 20 May 12:00 - 14:00
Monday 21 May 12:00 - 14:00

Poster Area / Poster Sessions

Posters will be presented during half-day sessions from Sunday 20 to Tuesday 22 May.

The posters will be on display between 08:30-12:30 for morning sessions and between 14:00-18:00 for afternoon sessions. The presenters should be available by the poster during the coffee breaks in order to discuss their research with the audience.

The poster area is open during the following times:

Sunday 20 May 08:00 - 18:00
Monday 21 May 08:00 - 18:00
Tuesday 22 May 08:00 - 12:30

Poster Certificate

Get your poster presentation certificate from the Poster Assistance Desk on the day you are presenting.

Programme Changes / Date of print

The organisers cannot be held liable for any changes in the programme due to external or unforeseen circumstances.

Date of print is April 2012.

Public Transportation

Bus lines 17, 18, 67, 88, 94, 95 and 601 as well as tram lines 7, 9, 11 and 13 connect the Sava Centar with various stops within the city.

Registration

The Heart Failure 2012 registration fees entitle delegates to the following:

- Entry to all scientific sessions and the Exhibition
- Entry to the Opening Ceremony and Opening Cocktail on Saturday 19 May 2012
- A copy of the Final Programme and the Abstract CD-Rom
- Refreshment breaks from Sunday 20 May to Tuesday 22 May 2012

All counters located in the registration area will be open on the following schedule:

Friday 18 May	14:00 - 18:00
Saturday 19 May	08:30 - 18:30
Sunday 20 May	07:30 - 18:30
Monday 21 May	07:30 - 18:30
Tuesday 22 May	07:30 - 13:00

Speaker Service Centre

All speakers giving a presentation in the scientific sessions are requested to upload and validate their presentation in the Speaker Service Centre (SSC) on Level 1, a minimum of **3 hours before** the session starts or the day before if the session is at 08:30.

SSC opening hours:

Saturday 19 May 12:00 - 18:30
Sunday 20 May 07:30 - 18:30
Monday 21 May 07:30 - 18:30
Tuesday 22 May 07:30 - 13:00

Taxis

Taxis are available throughout the city of Belgrade, especially at the airport, train stations and hotels. There will be taxis outside the Congress Centre for Heart Failure 2012 participants. Average fare to the city centre is: 700 RSD approximately 6,50€.

Web Corner

An Internet Corner is located in the Exhibition and indicated on the Building Floor Plan (page 12). It is free of charge for all registered participants.

The Heart Failure Association of the ESC

NEW MEMBERSHIP SERVICES

Whether you are seeking an educational programme that will help advance your career, access to the latest developments in the field of heart failure or are interested in increasing your involvement within our professional organisation, the Heart Failure Association has membership packages that will assist you to meet your goals.

Special Membership offer for congress attendees ONLY
Visit the HFA/ESC stand in the Exhibition

Education for your professional development

Online education

High quality e-learning courses - focus on academic content, expert opinion and practical case studies and earn your **EBAC CME credits** wherever you are. The programme follows the latest guidelines and the new Heart Failure Curriculum.

Annual Congress

Covering every aspect of heart failure with an average of **70 scientific sessions** and additional industry supported sessions, the HFA congress attracts **over 3,000 international heart failure professionals**. The Heart Failure Congress is EBAC accredited and favours education, networking and knowledge thanks to an international faculty of 180 experts and the presentation of more than 1 000 abstracts.

Educational Training Programmes

Focused on specific areas of heart failure, these EBAC accredited events are a unique opportunity to **learn and interact** in a small group.

The next Course is on 27-29 September 2012 at the European Heart House near Nice (France) and will concentrate on diastolic heart failure. Further information available on www.escardio.org/HFA

Fellowships

The objective of HFA's fellowship programme is to **offer career enhancement and international experience**, thus encouraging advances in the field of heart failure.

- 2 HFA Research Fellowships: 60k€ for 2 years - Deadline to submit your application: **30 June 2012**
- 2 Nurse Training Fellowships: 24k€ for 1 year - Deadline to submit your application: **31 October 2012**

Heart Failure Curriculum

Find out what you need to know: the new Heart Failure Curriculum, written and assessed by an HFA Task Force, is a comprehensive guide to the theoretical aspects of heart failure. Soon to be published in the European Journal of Heart Failure, the HFA recommends wide distribution of this document. Educational material will follow publication. Download on www.escardio.org/HFA

Winter Research Meeting

This annual translational basic science meeting is widely regarded as the premier meeting of its type in Europe. It combines presentations with highly interactive discussions debating the latest progress in the field. As the meeting is limited to 120 participants, **researchers and students have excellent opportunities to discuss science with senior faculty members**, both formally and informally.

The Heart Failure Association of the ESC

Advancing the field of heart failure

HFA Committees & Study Groups

Our interests cover the wide spectrum of heart failure. Committees meet regularly to organise educational programmes, events, workshops and publish consensus documents as well as position papers.



Publication

The European Journal of Heart Failure: the most popular heart failure journal, with the highest Impact Factor, dedicated to the expansion and dissemination of knowledge in its field. The journal is a monthly publication with an **Impact Factor of 4.512** (2010).

Guidelines: the ESC often calls upon HFA expertise to contribute to the update and/or creation of ESC Clinical Practice Guidelines.

Registries: the HFA runs registries with the EURObservational Programme of the ESC.

Advocacy - The HFA is your voice in the political arena

The prevalence of heart failure is underestimated by EU politicians and policy makers and unfamiliar to the general public. A united approach across and beyond Europe is needed to raise awareness by:

- Increasing the understanding of heart failure and available treatment options
- Positioning heart failure as a serious health threat
- Defending early diagnosis, treatment availability and better quality of life for all patients
- Identifying heart failure educational gaps in countries
- Developing international consensus papers

The HFA has already developed **several initiatives to raise heart failure** awareness throughout the population of Europe.

www.heartfailurematters.org - The patient website

Help your patients to understand and live with heart failure. **50 000 visitors per month** already consult the site in 6 languages: English, German, Spanish, French, Russian and Dutch. Soon a version in Arabic will be available.

Key features include:

- Simple, concise information and navigation
- Captivating animations explaining heart failure
- Video interviews with patients
- Useful downloadable tools



Heart Failure Awareness Day

Inaugurated in 2010, this public event is in its 3rd edition in 2012. Designed to **raise awareness about the importance of recognising heart failure**, getting an accurate diagnosis and receiving optimal treatment, these information days reach populations all over Europe.

Last year, 35 Heart Failure Societies and Working Groups took part:

Austria, Belgium, Bosnia & Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Great Britain, Greece, Israel, Italy, Latvia, Lebanon, Lithuania, Macedonia, Moldova, Morocco, Poland, Portugal, Romania, Russian Federation, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, Ukraine, Hungary.

Scientific Programme

An outstanding programme has been prepared for you, heart failure specialists, to enhance your knowledge, advance your skills and apprise you of the latest developments in your direct and related fields of activity.

The added value of this year's programme is the collaboration with the European Section of ISHR, through a track dedicated to research for both clinicians and researchers. A further collaboration with the ESC WG on Myocardial Function is an opportunity to explore specific topics with dedicated experts.

Our main theme this year:

"Treatment of heart failure: integrating pharmacology and technology".

Reviewing the treatment of congestion, a major unmet need in heart failure, is one of our main objectives. Revisit biomarkers and guidelines oriented towards individual strategies for the most vulnerable patients. Compare your experience with the leading experts in the field of acute heart failure and optimisation of care for the most complex patients. Explore the recent advances in the management of heart failure patients with diabetes, obesity, atrial fibrillation, and ventricular arrhythmias. Translate the results of the latest randomised trials into clinically detectable improved outcomes.

Topics covered in the programme:

- Co-morbidities and heart failure
- Education and Guidelines
- Devices and Technology for heart failure in 2012
- Latest Updates
- Basic Science and Basic Science translated for the clinician

NEW THIS YEAR!

Congress news

Bringing you the latest updates on the scientific programme - Session highlights - Key speaker portraits - Scientific articles - HFA/HF activities - General information - Tips on Belgrade

Get your copy of the congress news distributed every day at the congress venue.

Mobile Application – Heart Failure 2012 at your Fingertips

Take your Final Programme wherever you go!

Download your interactive programme either on your mobile device at

www.escardio.org/HFA or on-site via the WiFi spot available in the Registration Area.

iPhone / iPad



Android



These initiatives are supported by SERVIER
in the form of an independent Educational Grant.

NEW IN THIS YEAR'S PROGRAMME

Guidelines

Come and listen to a first presentation of the ESC Guidelines on the diagnosis & treatment of heart failure - by the HFA Task force involved in the redaction. The Guidelines aim to present all the relevant evidence on a particular clinical issue in order to help physicians weigh the benefits and risks of a particular diagnostic or therapeutic procedure. They will be helpful in everyday clinical decision-making.

Saturday 19 May 2012, 14:30 - 16:00 in Room Belgrade

Scientific Programme

2011 & 2012 Best of the European Journal on Heart Failure and the European Heart Journal

Get an update on key papers published on heart failure in the past year.

Saturday 19 May 2012, 14:30 - 16:00 in Room Novi Sad

Rapid fire sessions: Judges choice

Giving even more visibility to your abstract presentations. Flash presentations on the research highlights. Discussions animated by two experts chairing the session.

These abstracts will be available for further consultation / discussion in the form of a Poster displayed for the entire day of their presentation outside the lecture room.

Sunday 20 May 2012, 11:00 - 12:30 in Room Pirot

Monday 21 May 2012, 11:00 - 12:30 in Room Pirot

NOT TO BE MISSED

Late Breaking Sessions

Presenters will share the very latest results of their research in front of an eager audience. The presentations will be concluded by a review from an expert. One of our most popular sessions at the congress. An opportunity not to be missed!

Sunday 20 May 2012, 16:30 - 18:00 in Room Belgrade

Monday 21 May 2012, 14:15 - 15:45 in Room Belgrade

Highlights sessions

The 2012 Scientific Programme in a nutshell!

- Basic Science - **Tuesday 22 May 2012, 08:30 - 10:00 in Room Subotica**
- Highlights of the Heart Failure 2012 congress - **Tuesday 22 May 2012, 11:00 - 12:30 in Room Belgrade**

Highlights of Tomorrow

Industry representatives will present an overview of their current research programme in heart failure. They will inform the audience about projects in the pipeline and phase II/III trials. Each presentation will be concluded by a panel discussion. Questions from the audience are encouraged.

Monday 21 May 2012, 14:15 - 15:45 in Room Nis

HFA Focus – Case based interactive sessions

Discussions around practical cases by experts who will call upon the audience to react to the management of the case. Sessions will be concluded by recommendations based on the new ESC Guidelines on the diagnosis and treatment of heart failure - 4 sessions, held in **Room Sombor**

SPECIAL SESSIONS

Local Language sessions

Presentations in Serbo-Croatian language (no translation will be provided): 5 sessions covering all themes, held in room Novi Sad and completed by the highlight session on **Tuesday 22 May 2012, 11:00 - 12:30 in Room Novi Sad**

Thromboembolism and antithrombotic therapy for heart failure in sinus rhythm

The evidence from the consensus document on thromboembolism and antithrombotic therapy in heart failure - from the HFA and the ESC Working Group on Thrombosis - will be presented and discussed during the special symposium on **Sunday 20 May, 11:00 - 12:30 in Room Belgrade**

Programme at a glance

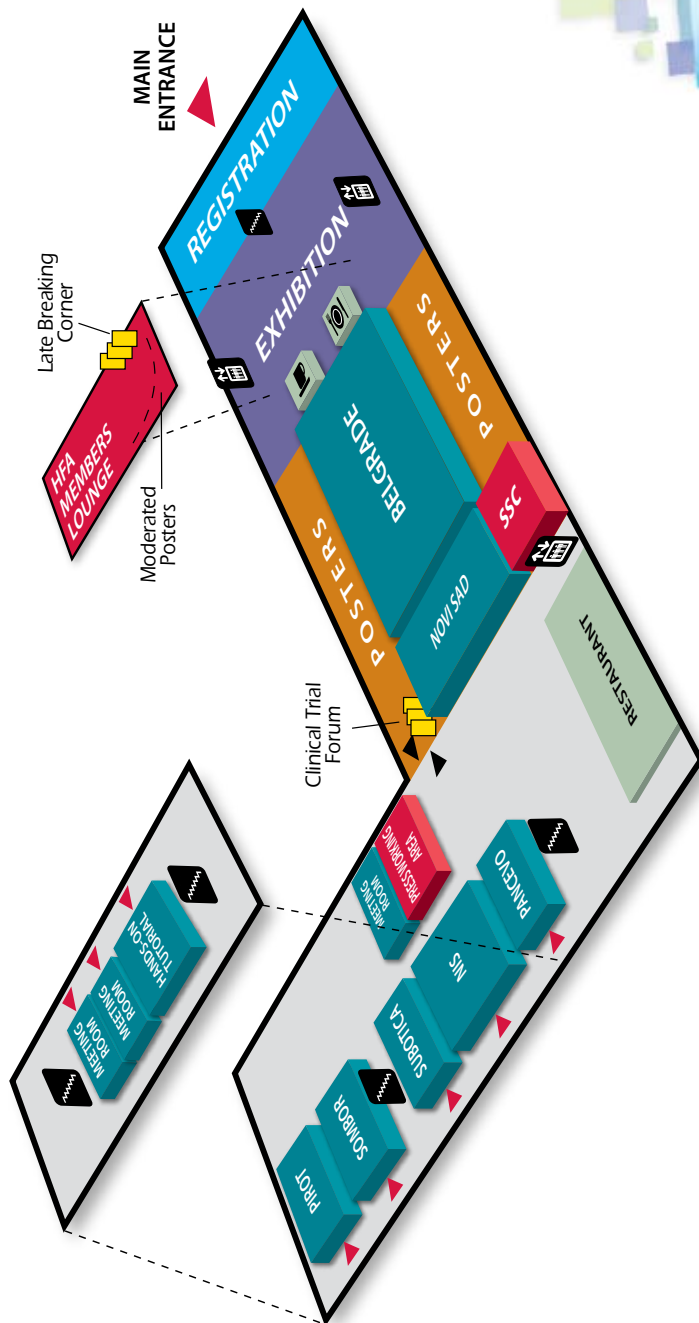
SATURDAY 19 MAY 2012						
	BELGRADE	NOVI SAD	NIS	SOMBOR	PANCEVO	PIROT
14:30 16:00	Guidelines.	2011 & 2012 - Best of the European Journal on Heart Failure and the European Heart Journal.	Heart failure with preserved ejection fraction - Update 2012.			PANCEVO Coronary heart disease in heart failure: what the clinician should know.
16:15 17:15		The use of biomarkers to aid in the management of the heart failure patient. Sponsored by ALERE	Preventing heart failure in 2012 - From evidence to guidelines. Sponsored by Charité University Medicine Berlin			
18:00 - 19:15 Opening ceremony followed by a Welcome Reception						
SUNDAY 20 MAY 2012						
	BELGRADE	NOVI SAD	NIS	SOMBOR	PANCEVO	PIROT
08:30 10:00	Atrial fibrillation and anticoagulation in heart failure.	New therapeutic devices.	Co-morbidities in heart failure: diabetes.	Valvular disease - HFA Focus. Case based interactive session.	Paracrine signaling: who is talking to whom and how long.	Gasotransmitters and oxidative stress in the heart.
11:00	Thromboembolism and antithrombotic therapy for heart failure in sinus rhythm.	10:00 - 11:00 Coffee Break - Exhibition - Poster Session - Moderated Posters Twenty-five years after CONSENSUS - What have we learnt about the RAAS in heart failure?	Arrhythmias in heart failure - HF specialist meets the electrophysiologist.	Managing ischemic cardiomyopathy: new lessons from the STICH trial.	New hope for RNA-based therapies in heart failure.	ISHR Award session
12:30						Lethal myocardial reperfusion injury: beyond mitochondrial permeability transition.
12:45	Maximize cardiac resynchronization therapy/response across the complete care pathway	Update your clinical practice: evidence base for mineralocorticoid receptor antagonists (MRAs) in the management of systolic heart failure.	Galectin-3 finding the disease in heart failure - Concept, status and path forward. Sponsored by BG Medicine		Heart failure prognosis - Which tools when?	Life. Support. LVADs for the new era of heart failure management.
13:45	Sponsored by Medtronic	Sponsored by Pfizer, Ltd.			Sponsored by GE Healthcare	Sponsored by Thoratec Corporation Europe
14:00	Valvular heart disease in heart failure.	Savremena dijagnostika i praćenje bolesnika sa srčanom insuficijencijom.	Heart failure: causes not to miss.	Telemonitoring - Where are we now.	How to approach, treat and manage pregnancy associated heart disease.	Novel aspects of Beta-Adrenergic signaling - Implications for heart failure treatment?
14:15						Young investigator award for basic science.
15:45						
15:45 - 16:30 Coffee Break - Exhibition - Poster Session - Moderated Posters						
16:30	Late breaking trials 1.	Naivaznije poruke za lečenje srčane insuficijencije iz novih preporuka i konsenzus dokumenata Evropskog udruženja kardiologa.	Acute heart failure - Clinical management in 2012.	Imaging heart failure - What clinicians need to know.	Exercise training in heart failure: it's worth the effort!	Judges choice: basic science.
18:00						
18:15		Managing heart failure in the 21st century. Sponsored by SERVIER			Mission possible? Exploring novel therapeutic approaches in acute and chronic heart failure. Sponsored by Novartis	
19:45						

Programme at a glance

MONDAY 21 MAY 2012						
	BELGRADE	NOVI SAD	NIS	SOMBOR	PANCEVO	SUBOTICA
08:30	When drugs fail - Surgical option.	Novine u lečenju srčane insuficijencije.	The added value of biomarkers in heart failure.	Arrhythmias - HFA Focus. Case based interactive session.	Integrative physiology and systems biology for clinicians.	Myocardial regeneration: what cell sources to use?
10:00						
10:00						
11:00		Coffee Break - Exhibition		HFA General Assembly	Poster Session - Moderated Posters	
11:00	Controversies in cardiac resynchronisation therapy.	Neurohumoralna blokada u lečenju srčane insuficijencije: sarani i blokatori beta receptora u fokusu.	Emerging drug therapies for acute heart failure.	When drugs fail - Using devices in heart failure - HFA Focus. Case based interactive session.	Nuclear remodelling and Ca2+ handling: key player in heart failure progression?	Inflammation and autoimmune reactions in heart failure: biomarker, bystander or mediator.
12:30						
12:45		Prevention of stroke in atrial fibrillation: the challenging patient.	Percutaneous mitral valve repair (PMVR) for expanding treatment options in mitral regurgitation.		Iron treatment beyond anaemia - How GHF patients benefit.	Customizing heart failure therapies: past, present, future.
13:45		Sponsored by Bristol-Myers Squibb/Pfizer	Sponsored by Abbott		Sponsored by Vifor Pharma	Sponsored by St. Jude Medical
14:00						
14:15	Late breaking trials 2.	Složena klinička stanja u srčanoj insuficijenciji - prikazi bolesnika.	Highlights of tomorrow.	Lifestyle: frequently asked questions.	Calcium waves, leaks and dangerous currents.	Cancer and the heart.
15:45						
16:30	Co-morbidities in heart failure: cardiorenal syndrome.	New devices for patient monitoring.	What heart failure specialist should know about CRT.	Acute heart failure: difficult cases - HFA Focus. Case based interactive session.	Understanding HF-pEF: lots of news!	New ways in cardioprotective strategies: effects of co-morbidities and their medication.
18:00						
TUESDAY 22 MAY 2012						
	BELGRADE	NOVI SAD	NIS		PANCEVO	SUBOTICA
08:30	Idiopathic dilated cardiomyopathy - Diagnosis and treatment.	Listening and responding to our patients.	Optimal management of cardiogenic shock.		Novel mechanisms of cell death or survival in heart failure.	Highlights of the congress - Basic science.
10:00						
11:00	Highlights of the congress.	Lokalna sesija - Sve najvažnije na kongresu	The real patient: heart failure in the elderly with co-morbidity.	Why haven't we got any new therapy after 30 years of hypertrophy research?		Dysfunctional ion handling in heart failure - Bystander or therapeutic target?
12:30						

Congress Floor Plan

**Access possible only with badge
NO BADGE NO ENTRY!**



HIGHLY ECO-FRIENDLY

SATURDAY



Final Programme and Congress badge
Made of **RECYCLED** paper



ECO BAG
Made of **RECYCLED** material



Abstract CD-Rom sleeve
Made of **RECYCLED** paper



Notepads and pens
Made of **RECYCLED** material

14:30 - 16:00

Special Session

Belgrade

Guidelines.

Chairpersons: F. Zannad (Vandœuvre-Les-Nancy, FR); J.J.V. McMurray (Glasgow, GB)

Education and Guidelines

14:30	Overview of the 2012 heart failure guidelines.	1
	J.J.V. McMurray (Glasgow, GB)	
14:48	Update on diagnosis of heart failure.	2
	F.H. Rutten (Utrecht, NL)	
15:06	Update on pharmacological treatment of heart failure.	3
	A.P. Maggioni (Florence, IT)	
15:24	Update on implanted devices.	4
	K. Dickstein (Stavanger, NO)	
15:42	Update on surgery, mechanical circulatory support and transplantation.	5
	S. Adamopoulos (Athens, GR)	

14:30 - 16:00

Special Session

Novi Sad

2011 & 2012 Best of the European Journal on Heart Failure and the European Heart Journal.

Chairpersons: M. Komajda (Paris, FR); P. Ponikowski (Wroclaw, PL); D.J. van Veldhuisen (Groningen, NL)

14:30	Biomarkers.	6
	A. Maisel (Solana Beach, US)	
14:48	Patient care.	7
	T. Jaarsma (Norrköping, SE)	
15:06	Imaging.	8
	F.J. Pinto (Lisbon, PT)	
15:24	Devices.	9
	D.J. van Veldhuisen (Groningen, NL)	
15:42	Drugs.	10
	H. Krum (Melbourne, AU)	

14:30 - 16:00

Symposium

Nis

Heart failure with preserved ejection fraction – Update 2012.**State of the art****Chairpersons: W.J. Paulus (Amsterdam, NL); D.L. Brutsaert (Kontich, BE)****Latest Updates**

14:30	Pathophysiology of HFpEF – What is new and clinically relevant?	11
	To be announced	
14:48	Diagnosis – Is it really heart failure?	12
	B.M. Pieske (Graz, AT)	
15:06	Biomarkers and imaging – Can they assure the diagnosis?	13
	S. Solomon (Boston, US)	
15:24	Current and future management of HFpEF.	14
	To be announced	
15:42	Panel discussions.	

14:30 - 16:00

Symposium

Pancevo

Coronary heart disease in heart failure: what the clinician should know.**Chairpersons: D. Mann (St. Louis, US); D. Tousoulis (Athens, GR)****Treatment of heart failure - Integrating pharmacology and technology**

14:30	Imaging and myocardial ischemia testing.	15
	G.M.C. Rosano (Rome, IT)	
14:48	Viability testing – Is it necessary?	16
	M. Petrie (Glasgow, GB)	
15:06	New drug treatment.	17
	J.T. Parissis (Athens, GR)	
15:24	Revascularisation.	18
	V. Falk (Zurich, CH)	
15:42	Panel discussions.	

16:15 - 17:15

Satellite Symposium

Novi Sad

The use of biomarkers to aid in the management of the heart failure patient.

Sponsored by ALERE

Chairpersons: A. Maisel (Solana Beach, US); K. McDonald (Dublin, IE)

16:15	Introduction.	19
	K. McDonald (Dublin, IE)	
16:18	The impact of cardio renal syndrome on prognosis in HF.	20
	A. Maisel (Solana Beach, US)	
16:36	Guiding therapy in the complex HF patient.	21
	M. Richards (Christchurch, NZ)	
16:54	The future of home monitoring in HF care.	22
	K. McDonald (Dublin, IE)	
17:12	Closing of the session.	23
	A. Maisel (Solana Beach, US)	

16:15 - 17:15

Satellite Symposium

Nis

Preventing heart failure in 2012 - From evidence to guidelines.

Sponsored by Charité University Medicine Berlin

Chairpersons: S.D. Anker (Berlin, DE); P. Seferovic (Belgrade, RS);

G.S. Filippatos (Athens, GR)

16:15	Risks factors in heart failure – Focus on obesity and insulin resistance.	23A
	G.S. Filippatos (Athens, GR)	
16:27	EPA and anti-arrhythmogenic effects.	23B
	R. Cappato (San Donato, IT)	
16:39	EPA as a treatment in heart failure: trial results.	23C
	V. Mareev (Moscow, RU)	
16:53	What does this mean for the new heart failure guidelines?	23D
	A.P. Maggioni (Florence, IT)	
17:03	Panel discussion.	
	All Speakers	

OPENING CEREMONY

Chairpersons:

P. Ponikowski (Wroclaw, PL)

P. Seferovic (Belgrade, RS)

Welcome to Heart Failure 2012 in Belgrade

P. Seferovic (Belgrade, RS)

Welcome by the President of the Heart Failure Association

P. Ponikowski (Wroclaw, PL)

Welcome by the President of the European Society of Cardiology

M. Komajda (Paris, FR)

An insight into the new heart failure Guidelines

J.J.V. McMurray (Glasgow, GB)

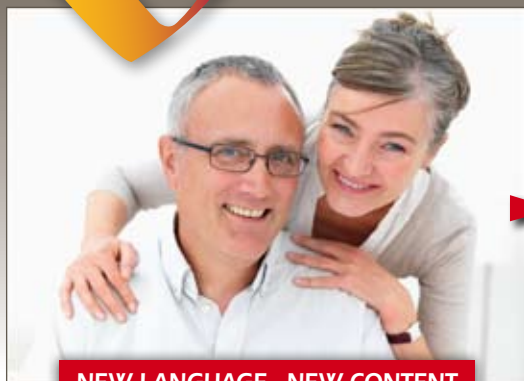
Closing remarks

**The Heart Failure Association of the ESC,
the International Society for Heart Research - European Section
and the ESC Working Group on Myocardial Function
are glad to invite you to
a Welcome Reception in the Exhibition
19:15 - 21:00**



millions of people in the world have heart failure

One website can help them understand their condition
and take the necessary steps to live full and active lives.



NEW LANGUAGE - NEW CONTENT



What are
the warning signs?

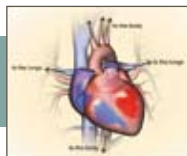
Helping you understand
heart failure

Advice on what
you can do

Tips for living
with heart failure

www.heartfailurematters.org

Captivating animations



Personal experience
videos



Practical patient
information



Downloadable tools



Heartfailurematters.org is an educational website for people with heart failure, their families and carers. It was developed by cardiologists, nurses and primary care physicians from the Heart Failure Association of the European Society of Cardiology.



HANDS-ON TUTORIAL SUNDAY 10:00 - 16:15

Hands-On Tutorial sponsored by ResMed Inc.

Hands-On Tutorial Room

10:00 - 10:45

**Practical aspects of sleep apnea screening and treatment
in heart failure patients**

Teacher:

L. Morin (Saint Priest, FR)

12:30 - 13:15

**Practical aspects of sleep apnea screening and treatment
in heart failure patients**

Teacher:

L. Morin (Saint Priest, FR)

15:30 - 16:15

**Practical aspects of sleep apnea screening and treatment
in heart failure patients**

Teacher:

L. Morin (Saint Priest, FR)

Overall session objectives:

Provide attendees with an overview of the practical aspects of sleep apnea screening and treatment in heart failure patients:

- Why and whom to screen?
- How to perform screening and to integrate it into daily practice?
- Practical aspects of treatment and adherence
- Case examples of sleep apnea screening and treatment in heart failure

08:30 - 10:00

Main Session

Belgrade

Atrial fibrillation and anticoagulation in heart failure.

Chairpersons: J.G.F. Cleland (Kingston Upon Hull, GB); O. Chioncel (Bucharest, RO)

Treatment of heart failure - Integrating pharmacology and technology

08:30	AF: how big is the problem?	24
	A.P. Maggioni (Florence, IT)	
08:48	AF therapy: rate or rhythm control?	25
	G.M.C. Rosano (Rome, IT)	
09:06	AF therapy: when to consider ablation?	26
	A. Goette (Paderborn, DE)	
09:24	Anticoagulation in patients with SR vs AF?	27
	S. Homma (New York, US)	
09:42	Novel anticoagulants and their potential for heart failure patients.	28
	G.Y.H. Lip (Birmingham, GB)	

SUNDAY

08:30 - 10:00

Symposium

Novi Sad

New therapeutic devices.

Chairpersons: S.D. Anker (Berlin, DE); Z. Kalarus (Zabrze, PL)

Devices and technology for heart failure

08:30	Baroreceptor stimulation.	29
	G. Hasenfuss (Göttingen, DE)	
08:40	Vagal nerve stimulation.	30
	F. Zannad (Vandœuvre-Les-Nancy, FR)	
08:50	Phrenic nerve stimulation.	31
	P. Ponikowski (Wrocław, PL)	
09:00	Renal sympathetic denervation.	32
	D. Francis (London, GB)	
09:10	Mitral clip.	33
	O.W. Franzen (Copenhagen, DK)	
09:20	Other devices.	34
	J.R. Teerlink (San Francisco, US)	
09:30	Panel discussions.	

08:30 - 10:00

Symposium

Nis

Co-morbidities in heart failure: diabetes.**Chairpersons: L. Kober (Gentofte, DK); V. Mareev (Moscow, RU)****Co-morbidities and heart failure**

08:30	Diabetic cardiomyopathy: does it exist?	35
	W.J. Paulus (Amsterdam, NL)	
08:48	Consequences of diabetes and insulin resistance in heart failure.	36
	W. Doehner (Berlin, DE)	
09:06	Heart failure and diabetes: the pearls in contemporary treatment.	37
	P. Seferovic (Belgrade, RS)	
09:24	New treatments and trials.	38
	J.J.V. McMurray (Glasgow, GB)	
09:42	Panel discussions.	

08:30 - 10:00

HFA Focus session

Sombor

Valvular disease - HFA Focus.**Case based interactive session****Chairpersons: K. Dickstein (Stavanger, NO); A. Vahanian (Paris, FR)****Panel: M. Metra (Brescia, IT); M.R. Costanzo (Naperville, US)****Education and Guidelines**

	Mitral stenosis.	39
	M.B. Yilmaz (Sivas, TR)	
	Tricuspid regurgitation.	40
	J.P.E. Lassus (Espoo, FI)	
	Mitral regurgitation.	41
	A. Pitsis (Thessaloniki, GR)	

Visit the Exhibition - Coffee Break in the Exhibition Area
Morning Poster Session: Poster Viewing 08:30 - 12:30
& Moderated Posters Session 10:00 - 11:00 See Page 42

08:30 - 10:00

Symposium

Pancevo

Paracrine signaling: who is talking to whom and how long.**Chairpersons: T. Thum (Hannover, DE); D.L. Brutsaert (Kontich, BE)**

Basic Science

08:30	Neuregulin-1 and its potential role in the control of cardiac function.	42
	G.W.A. De Keulenaer (Wilrijk, BE)	
08:48	The importance of the cardiac microenvironment.	43
	D. Hilfiker-Kleiner (Hannover, DE)	
09:06	Cardiac metabolism and angiogenesis.	44
	J. Heincke (Hannover, DE)	
09:24	Myofibroblasts in heart failure – mediators of remodeling and arrhythmogenicity?	45
	B. Maisch (Marburg, DE)	
09:42	Fibroblast myocyte interactions.	46
	S. Engelhardt (Munich, DE)	

SUNDAY

08:30 - 10:00

Symposium

Subotica

Gasotransmitters and oxidative stress in the heart.**Chairpersons: P. Ferdinandy (Szeged, HU); G. Valen (Oslo, NO)**

Basic Science

08:30	Neuronal NO Synthase-Derived NO.	47
	L. Neyses (Manchester, GB)	
08:48	Novel pharmacological approaches targeting NO.	48
	D. Tousoulis (Athens, GR)	
09:06	Hydrogen sulfide signaling in the heart.	49
	M. Bliksoen (Oslo, NO)	
09:24	Carbon monoxide signaling in the heart.	50
	R. Motterlini (Creteil, FR)	
09:42	Modulating NOS uncoupling: a new therapeutic avenue?	51
	A. Moens (Hoensbroek, NL)	

08:30 - 10:00

Nursing Investigators Awards Abstracts

Piot

Nursing investigator award.**Chairpersons:** I. Ekman (Gothenburg, SE); A.F. Mac Callum (Gloucester, GB)**Judges:** A. Parsons (London, GB); B. Riegel (Philadelphia, US)

- 08:30 **Sexual counseling of patients with heart failure: perception of german nurses** 52
N. Kolbe, C. Kugler, W. Schnepf, T. Jaarsma (Witten, DE; Linköping, SE)
- 08:48 **Use of smartphones in person-centred e-health diaries in patients above 75 years** 53
A. Wolf, L.-E. Olsson, K. Swedberg, I. Ekman (Gothenburg, SE)
- 09:06 **Development and testing of an iPad application for teaching self-management to heart failure patients** 54
N. Bashi, J. Howie Esquivel, B. Fredericks, M. Adams, C. Gordon, C. Horton, J. Atherton, R.A. Clark (Brisbane, AU; San Francisco, US)
- 09:24 **The effect of exercise on sleep quality in heart failure** 55
J. Suna, A. Mudge, I. Stewart, A. Scott (Brisbane, AU)
- 09:42 **Experiences of patients with broken-heart syndrome, takotsubo cardiomyopathy** 56
S. Wallstrom, K. Dudas, E. Omerovic, I. Ekman (Gothenburg, SE)

10:10 - 11:00

Special Session

Subotica

ISHR Awards Session.**Distinguished leader award.**

J. Schaper (Bad Nauheim, DE)

748

Outstanding investigator award.

T. Eschenhagen (Hamburg, DE)

749

11:00 - 12:30

Symposium

Belgrade

Thromboembolism and antithrombotic therapy for heart failure in sinus rhythm.**A consensus document from the Heart Failure Association of the ESC and the ESC Working Group on Thrombosis.****Chairpersons:** P. Ponikowski (Wroclaw, PL); G.Y.H. Lip (Birmingham, GB)

- 11:00 **Epidemiology, pathophysiology and clinical assessment.** 57
S. Homma (New York, US)
- 11:22 **Observational studies and older trials.** 58
G.S. Filippatos (Athens, GR)
- 11:45 **What do the randomized trials tell us.** 59
S.D. Anker (Berlin, DE)
- 12:07 **Consensus statements.** 60
P. Ponikowski (Wroclaw, PL); G.Y.H. Lip (Birmingham, GB)

Visit the Late Breaking Corner on the mezzanine above the Exhibition
for more Late Breaking Trials and Research

11:00 - 12:30

Symposium

Novi Sad

Twenty-five years after CONSENSUS – What have we learnt about the RAAS in heart failure?

Chairpersons: A.J.S. Coats (Norwich, GB); B.M. Massie (San Francisco, US)

Treatment of heart failure - Integrating pharmacology and technology

11:00	ACE inhibitors: still the gold standard?	61
	L. Kober (Gentofte, DK)	
11:18	ARBs – What can we conclude?	62
	K. Swedberg (Gothenburg, SE)	
11:36	Aldosterone/MRA – The complete picture?	63
	F. Zannad (Vandœuvre-Les-Nancy, FR)	
11:54	Renin inhibitors: still on trial.	64
	H. Krum (Melbourne, AU)	
12:12	ARNis – More than blocking the RAAS?	65
	J.J.V. McMurray (Glasgow, GB)	

11:00 - 12:30

Symposium

Nis

Arrhythmias in heart failure - HF specialist meets the electrophysiologist.

Cross talk

Chairperson: A. Cohen-Solal (Paris, FR)

Education and Guidelines

Atrial fibrillation.

11:00	Heart failure specialists' view point.	66
	R. Dabrowski (Warsaw, PL)	
11:22	Electrophysiologists' view point.	67
	A. Goette (Paderborn, DE)	

Ventricular tachycardia.

11:45	Heart failure specialists' view point.	68
	To be announced	
12:07	Electrophysiologists' view point.	69
	J. Kautzner (Prague, CZ)	

11:00 - 12:30

Symposium

Sombor

Managing ischemic cardiomyopathy: new lessons from the STICH trial**Chairpersons: S. Gradinac (Belgrade, RS); J.G.F. Cleland (Kingston Upon Hull, GB)**

- 11:00 **Selecting the optimal patient for surgical revascularisation: towards a STICH score.** 70
E. Velazquez (Durham, US)
- 11:18 **Prevalence and prognostic role of right ventricular dysfunction in ischemic heart failure: results from STICH** 71
T. Kukulski (Zabrze, PL)
- 11:36 **Influence of failure to implement assigned treatment (Crossover) on survival in STICH.** 72
T. Doenst (Jena, DE)
- 11:54 **Left ventricular size before and after CABG with and without SVR: ventricular remodeling surgery post-STICH.** 73
J.L. Rouleau (Montreal, CA)
- 12:12 **Panel discussion.**

11:00 - 12:30

Symposium

Pancevo

New hope for RNA-based therapies in heart failure.**Chairpersons: S. Engelhardt (Munich, DE); M. Mayr (London, GB)****Basic Science**

- 11:00 **Targeting non-coding RNAs implicated in cardiomyocyte regeneration.** 74
M. Giacca (Trieste, IT)
- 11:18 **Targeting microRNA implicated in cardiomyocyte function.** 75
L.J. De Windt (Maastricht, NL)
- 11:36 **Targeting fibrosis microRNAs to treat heart failure.** 76
T. Thum (Hannover, DE)
- 11:54 **Correcting gene defects in cardiomyopathies.** 77
L. Carrier (Hamburg, DE)
- 12:12 **Alternative approaches: AAV-mediated gene transfer to treat heart failure.** 78
R.J. Hajjar (New York, US)

11:00 - 12:30

Symposium

Subotica

Lethal myocardial reperfusion injury: beyond mitochondrial permeability transition.**Chairpersons: F. Di Lisa (Padua, IT); R. Schulz (Giessen, DE)**

Basic Science

11:00	Cardiomyocyte cell death: apoptosis, necrosis, autophagy.	79
	D.J. Hausenloy (London, GB)	
11:18	Factors determining the type of cell death during ischemia/reperfusion.	80
	D. Garcia-Dorado Garcia (Barcelona, ES)	
11:36	Microvascular factors in myocardial reperfusion injury.	81
	G. Heusch (Essen, DE)	
11:54	Mitochondrial permeability transition: not only a cell death determinant.	82
	J. Molkentin (Cincinnati, US)	
12:12	Ischemia-reperfusion injury: which therapies after 20 years of research?	83
	H.N. Sabbah (Detroit, US)	

11:00 - 12:30

Oral Abstracts

Piotr

Rapid fire session 1.**Judges choice clinical.****Chairpersons: V. Mareev (Moscow, RU); A.N. Neskovic (Belgrade, RS)**

More abstracts this year to be featured in the Judges Choice Clinical - Rapid fire sessions. Flash presentations on the research's highlights: Aim / Methods / Results - discussions animated by two experts chairing the session. Posters of all presented abstracts will be on display for the whole day in front of the room.

11:00	Delayed recovery in peripartum cardiomyopathy: An indication for long-term follow-up and sustained therapy	84
	M. Biteker, E. Ilhan, B. Bozkurt (Istanbul, TR; Houston, US)	
11:05	Effect of intra-aortic balloon counterpulsation support commenced before or after primary percutaneous coronary intervention in cardiogenic shock due to ST-elevation myocardial infarction	85
	E. Omerovic, T. Ramunddal, D. Ioanes, P. Petursson, J. Odenstedt, I. Haraldsson, W. Ridderstrale, O. Angeros, N. Bergh (Gothenburg, SE)	
11:10	Lung impedance-guided preemptive treatment of the patients with acute myocardial infarction for preventing pulmonary congestion-edema improves clinical outcome	86
	M. Shochat, M. Kazatsker, A. Asif, Y. Levy, D. Blondheim, T. Sigalov, I. Dahan, I. Shochat, A. Shotan, S. Meisel (Hadera, IL)	
11:15	Characterization of heart failure patients with preserved ejection fraction in the I-PRESERVE trial who have improved outcomes with irbesartan therapy	87
	D.P. Kao, J.K. Lewsey, B.M. Massie, J. McMurray, P.E. Carson, I.S. Anand, J. Lindenfeld (Denver, San Francisco, Washington and Minneapolis, US; Glasgow, GB)	

11:00 - 12:30

Oral Abstracts

Piotr

- 11:20 **New diastolic stress testing: cardiopulmonary testing with echocardiographic monitoring** 88
I. Nedeljkovic, M. Ostojic, M. Nikolic, O. Nedeljkovic, V. Giga, J. Stepanovic, V. Stojanov, M. Petrovic, B. Beleslin, P. Seferovic (Belgrade, RS)
- 11:25 **Right ventricular dysfunction in heart failure. Prognostic significance and influence on the benefits of cardiac resynchronization therapy in CARE-HF.** 89
T. Damy, S. Ghio, A. Rigby, L. Hittinger, S. Jacob, F. Leyva, J.F. Delgado, T. Vesterlund, L. Tavazzi, J.G.F. Cleland (Creteil, FR; Pavia and Cotignola, IT; Hull and Sutton Coldfield, GB; Maastricht, NL; Madrid, ES; Aalborg, DK)
- 11:30 **Totally epicardial cardiac resynchronization therapy concomitantly with coronary artery bypass grafting in patients with ischemic heart failure: 3-year results of RESCUE study.** 90
A. Romanov, E. Pokushalov, D. Prokhorova, A. Chernyavskiy, V. Shabanov, K. Goscinska-Bis, J. Bis, A. Bochenek, B. Gersak, A. Karaskov (Novosibirsk, RU; Katowice, PL; Ljubljana, SI)
- 11:35 **The relationship between QRS duration and left ventricular mass, volume and scarring on cardiac MRI** 91
A.D. Jakes, C.V. Bourantas, E. Lukaschuk, J. Zhang, T. Bragadeesh, K. Wong, A. Clark, J.G. Cleland (Hull, GB)
- 11:40 **Do patients labeled as heart failure patient in primary care really have heart failure?** 93
M.J.M. Valk, R.H. Rutten, A. Mosterd, A.W. Hoes (Utrecht, NL)
- 11:45 **Rapid left ventricular systolic function improvement after ablation of frequent idiopathic premature ectopic beats / outflow tract ventricular tachycardia** 94
B. Goncharik, A. Mrochek, A. Chasnoits, O. Kovalenko, V. Golenischa, E. Protsenko, Y.U. Persidskich, L. Plaschinskaya (Minsk, BY)
- 11:50 **The activating potential of stimulating anti-beta1-receptor autoantibodies is negatively correlated with systolic LV-function in dilated immune-cardiomyopathy** 95
V. Boivin, A. Schlipp, J. Ullrich, D. Leyh, V. Nikolaev, N. Deubner, M. Lohse, G. Ertl, R. Jahns (Wuerzburg and Göttingen, DE)
- 11:55 **Coronary microvascular dysfunction as an early feature of cardiac involvement in male and female patients with fabry disease** 96
B. Tomberli, A. Fornaro, R. Sciagra, F. Lisi, G. Castelli, I. Olivotto, F. Cecchi (Florence, IT)
- 12:00 **Identification of patients with idiopathic dilated cardiomyopathy and SCD-HeFT inclusion criteria who could be considered for early ICD implantation** 97
A. Pivetta, M. Merlo, C. Lutman, A. Buiatti, M. Zecchin, D. Gregori, G. Barbati, L. Vitali Serdoz, A. Di Lenarda, G. Sinagra (Trieste and Padua, IT)
- 12:05 **Catheter renal denervation in the treatment of patients with advanced heart failure - a pilot study** 98
M. Taborsky, M.L. Lazarova (Olomouc, CZ)
- 12:10 **Prognostic significance of cystatin-C in chronic heart failure: better alone or together with estimated glomerular filtration?** 99
E. Zamora, J. Lupon, M. De Antonio, J. Vila, A. Galan, A. Urrutia, B. Gonzalez, L. Cano, S. Altimir, A. Bayes-Genis (Badalona and Barcelona, ES)

12:45 - 14:00

Satellite Symposium

Belgrade

Maximize cardiac resynchronization therapy response across the complete care pathway.**Sponsored by Medtronic****Chairpersons: S.D. Anker (Berlin, DE); G. Milasinovic (Belgrade, RS)**

12:45	Introduction.	100
	G. Milasinovic (Belgrade, RS)	
12:50	How to select the right patients for device therapy?	101
	K. Dickstein (Stavanger, NO)	
13:10	Automatic continuous adaptation of AV and VV timing.	102
	A. Kloppe (Bochum, DE)	
13:30	Remote monitoring to faster detect clinically important events.	103
	H. Burri (Geneva, CH)	
13:50	Conclusion.	104
	S.D. Anker (Berlin, DE)	

SUNDAY

12:45 - 14:00

Satellite Symposium

Novi Sad

Update your clinical practice: evidence base for mineralocorticoid receptor antagonists (MRAs) in the management of systolic heart failure**Sponsored by Pfizer Ltd.****Chairpersons: F. Zannad (Vandœuvre-Les-Nancy, FR); J.J.V. McMurray (Glasgow, GB)**

12:45	Introduction.	105
	J.J.V. McMurray (Glasgow, GB)	
12:55	Controlling the course of heart failure: challenges and new therapeutic opportunities.	106
	P. Ponikowski (Wrocław, PL)	
13:10	Mechanistic rationale and clinical benefits of MRA use in heart failure.	107
	J. Bauersachs (Hannover, DE)	
13:25	Expanding the evidence base of MRA use to NYHA class II heart failure.	108
	F. Zannad (Vandœuvre-Les-Nancy, FR)	
13:40	Discussion: practical use of MRAs in the management of heart failure: when and how?	109
	All speakers	
13:55	Summary and close.	110
	F. Zannad (Vandœuvre-Les-Nancy, FR)	

12:45 - 13:45

Satellite Symposium

Nis

Galectin-3 finding the disease in heart failure - Concept, status and path forward**Sponsored by BG Medicine****Chairpersons: D.J. van Veldhuisen (Groningen, NL); A. Maisel (Solana Beach, US)**

- | | | |
|-------|---|-----|
| 12:45 | Introduction. | 111 |
| | A. Maisel (Solana Beach, US) | |
| 12:50 | Galectin-3: mediator of aldosterone-induced cardiovascular fibrosis – Results of in vitro and preclinical studies. | 112 |
| | N. Lopez (Nancy, FR) | |
| 13:05 | Galectin-3: clinical update on role of Galectin-3 in heart failure development, progression and management. | 113 |
| | R.A. De Boer (Groningen, NL) | |
| 13:20 | Galectin-3: path from biomarker mediator to drug target. | 114 |
| | J.G.F. Cleland (Kingston Upon Hull, GB) | |
| 13:35 | O & A and conclusion. | 115 |
| | D.J. van Veldhuisen (Groningen, NL) | |

12:45 - 13:45

Satellite Symposium

Pancevo

Heart failure prognosis - Which tools when?**Sponsored by GE Healthcare - Medical Diagnostics****Chairperson: F. Fedele (Rome, IT)**

- | | | |
|-------|---|-----|
| 12:45 | Introduction. | 116 |
| | F. Fedele (Rome, IT) | |
| 12:50 | The limitations of current HF stratification tests (EF/BNP) and guidelines for ICDs. | 117 |
| | F. Fedele (Rome, IT) | |
| 13:05 | MIBG - Latest evidence and thinking. | 118 |
| | E. De Teresa Galvan (Malaga, ES) | |
| 13:25 | MIBG - Practical applications & case studies. | 119 |
| | A. Cohen-Solal (Paris, FR) | |

12:45 - 14:00

Satellite Symposium

Subotica

Life. Support. LVADs for the new era of heart failure management**Sponsored by Thoratec Corporation****Chairpersons: P.J. Mohacsi (Bern, CH); T.A. McDonagh (London, GB)**

12:45	Introduction.	120
	P.J. Mohacsi (Bern, CH)	
12:50	Heart transplant status in Europe.	121
	R. Dorent (Saint Denis La Plaine, FR)	
13:05	The evolving role of the HF cardiologist in building a successful VAD programme.	122
	F. Gustafsson (Copenhagen, DK)	
13:20	LVADs in class III - Are we ready?	123
	L.H. Lund (Stockholm, SE)	
13:35	Optimising medical therapy with a VAD.	124
	E. Goncalvesova (Bratislava, SK)	
13:50	Q&A and conclusion.	125
	T.A. McDonagh (London, GB)	

Discover the HFA online education programme
Demo available on the HFA/ESC Stand

14:15 - 15:45

Symposium

Belgrade

Valvular heart disease in heart failure.**Chairpersons: A. Vahanian (Paris, FR); P.M. Gatzov (Sofia, BG)****Education and Guidelines**

14:15	How to assess valvular heart disease?	126
	A. Vahanian (Paris, FR)	
14:33	Management of mitral regurgitation.	127
	O. Alfieri (Brescia, IT)	
14:51	Management of aortic stenosis.	128
	R. Lange (Munich, DE)	
15:09	Management of tricuspid regurgitation.	129
	A. Pitsis (Thessaloniki, GR)	
15:27	Panel discussions.	

14:15 - 15:45

Local Session

Novi Sad

Savremena dijagnostika i praćenje bolesnika sa srčanom insuficijencijom.**Chairpersons: N. Cemerlic Adic (Sremska Kamenica, RS); D. Vulic (Banja Luka, BA)**

14:15	Kako primeniti biomarkere u dijagnostici i lečenju srčane insuficijencije?	130
	S. Dodic (Sremska Kamenica, RS)	
14:37	Značaj ehokardiografije u proceni bolesnika sa srčanom insuficijencijom.	131
	A.N. Neskovic (Belgrade, RS)	
15:00	Magnetna rezonanca i multi-slajsna kompjuterizovana tomografija u srčanoj insuficijenciji.	132
	R. Maksimovic (Belgrade, RS)	
15:22	Od elektrokardiografije do invazivne dijagnostike u proceni srčane insuficijencije.	133
	V. Vukcevic (Belgrade, RS)	

Get your access to the HFA Members Lounge (wifi access)
Ask on the HFA/ESC Stand

14:15 - 15:45

Symposium

Nis

Heart failure: causes not to miss.

A joint session with Latin America

**Joint with
LATIN AMERICA****Chairpersons: E. Rohde (Porto Alegre, BR); P. Ponikowski (Wroclaw, PL)**

14:15	Non compaction and Tako-Tsubo cardiomyopathy.	134
	To be announced	
14:33	Restrictive.	135
	R. Colque (Cordoba, AR)	
14:51	Peripartum.	136
	P. Seferovic (Belgrade, RS)	
15:09	Chagas syndrome.	137
	E. Rohde (Porto Alegre, BR)	
15:27	Panel discussions.	

14:15 - 15:45

Symposium

Sombor

Telemonitoring - Where are we now.**Chairpersons: J. Riley (London, GB); A. Kavoliuniene (Kaunas, LT)****Devices and technology for heart failure**

14:15	Insights from clinical trials: telemonitoring and nurses.	138
	J. Riley (London, GB)	
14:33	Insights from clinical trials: remote patient management	139
	F. Koehler (Berlin, DE)	
14:51	Active role for patients?	140
	I. Ekman (Gothenburg, SE)	
15:09	Different models for different patients.	141
	S. Von Haehling (Berlin, DE)	
15:27	Why do we need telemonitoring solutions?	142
	J.G.F. Cleland (Kingston Upon Hull, GB)	

14:15 - 15:45

Symposium

Pancevo

How to approach, treat and manage pregnancy associated heart disease.**Chairpersons: A.M. Shah (London, GB); S. Janssens (Leuven, BE)**

Basic science translated for the clinician

- | | | |
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| 14:15 | Definition and epidemiology of pregnancy-associated heart disease. | 143 |
| | M. Schaufelberger (Gothenburg, SE) | |
| 14:33 | Update on the European peri-partum cardiomyopathy registry. | 144 |
| | A. Mebazaa (Paris, FR) | |
| 14:51 | Impaired endothelial to cardiomyocyte cross-talk responsible for slow recovery from PPCM. | 145 |
| | D. Hilfiker-Kleiner (Hannover, DE) | |
| 15:09 | New biomarkers for diagnosis and risk stratification of women with heart disease in pregnancy. | 146 |
| | V. Regitz-Zagrosek (Berlin, DE) | |
| 15:27 | Multi-media approach implementing cutting-edge technology into educational and preventative health programme in women. | 147 |
| | K. Sliwa-Hahnle (Cape Town, ZA) | |

14:15 - 15:45

Symposium

Subotica

Novel aspects of beta-adrenergic signaling – Implications for heart failure treatment?**Chairpersons: J.L. Balligand (Brussels, BE); S.E. Harding (London, GB)**

Basic Science

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| 14:15 | Redistribution of beta-adrenergic receptors in heart failure. | 148 |
| | V.O. Nikolaev (Göttingen, DE) | |
| 14:37 | Role of phosphodiesterase 4 for cardiac arrhythmias. | 149 |
| | G. Vandecasteele (Chatenay-Malabry, FR) | |
| 15:00 | Beta-blockers – old dogs, new tricks? | 150 |
| | C. Maack (Homburg/Saar, DE) | |
| 15:22 | Heart rate and heart rate modulation in HFpEF | 151 |
| | J. van der Velden (Amsterdam, NL) | |

14:15 - 15:45

Young Investigators Awards Abstracts

Pirrot

Young investigator award for basic science.**Chairpersons: T. Thum (Hannover, DE); Z. Papp (Debrecen, HU)****Judges: D.L. Brutsaert (Kontich, BE); L. Neyses (Manchester, GB)**

- 14:15 **Repair of mutant pre-mRNA via spliceosome-mediated RNA trans-splicing in isolated cardiac myocytes and in vivo in a mouse model of hypertrophic cardiomyopathy** 152
D. Khajetoorians, G. Mearini, E. Kraemer, B. Geertz, C. Gedicke-Hornung, T. Eschenhagen, T. Voit, L. Garcia, S. Lorain, L. Carrier (Hamburg, DE; Paris, FR)
- 14:30 **Cardiac AAV6.betaARKct gene therapy ameliorates cardiac function and normalizes neurohumoral signalling in a clinically relevant large animal heart failure model** 153
P. Schlegel, J. Ksienzyk, J. Barthelmes, U. Haberkorn, W.J. Koch, H.A. Katus, P. Most, O.J. Mueller, P.W. Raake (Heidelberg, DE; Philadelphia, US)
- 14:45 **Nucleosomes in heart failure** 154
S.H. Nymo, T. Ueland, C.P. Dahl, E.T. Askevold, L.E. Vinge, L. Gullestad, P. Aukrust, A. Yndestad (Oslo, NO)
- 15:00 **Phospholemman-dependent regulation of the cardiac Na/K ATPase activity is modulated by inhibitor-1 sensitive type-1 phosphatase in both normal physiology and heart failure** 155
D. Pavlovic, K. Wittkopper, J. Howie, W. Fuller, A. El-Armouche, M.J. Shattock (London and Dundee, GB; Göttingen, DE)
- 15:15 **Reversal of the mitochondrial transhydrogenase consumes NADPH during cardiac workload and triggers oxidative stress and maladaptive remodelling** 156
J.R. Loeffler, A. Nickel, J.-C. Reil, A. Von Hardenberg, M. Kohlhaas, M. Hohl, A. Kazakov, I. Bogeski, M. Boehm, C. Maack (Homburg/Saar, DE)
- 15:30 **Decreased left ventricular compliance but preserved left ventricular relaxation in a risk factor-based porcine model of early heart failure with preserved ejection fraction** 157
M. Schwarzl, S. Seiler, P. Steendijk, B. Pieske, H. Post (Graz, AT; Leiden, NL)

Visit the Exhibition - Coffee Break in the Exhibition Area
Morning Poster Session: Poster Viewing 14:00 - 18:00
& Moderated Posters Session 15:45 - 16:30 See Page 60

16:30 - 18:00

Special Session

Belgrade

Late breaking trials 1.**Chairpersons: S.D. Anker (Berlin, DE); K. Swedberg (Gothenburg, SE)****Latest Updates***This session will feature the latest breakthrough in clinical research.**Consult session details in the Congress News, on your Mobile Application or on the website!**Trial Presentations of 10 minutes followed by a discussant review and questions from audience and chairpersons for 5 minutes.*

16:30 - 18:00

Local Session

Novi Sad

Najvažnije poruke za lečenje srčane insuficijencije iz novih preporuka i konsenzus dokumenata Evropskog udruženja kardiologa**Chairpersons: V. Mitrovic (Bad Nauheim, DE); Z. Vasiljevic-Pokrajacic (Belgrade, RS)**

- | | | |
|-------|--|-----|
| 16:30 | Šta je novo u preporukama za srčanu insuficijenciju Evropskog udruženja kardiologa 2012? | 168 |
| | P. Seferovic (Belgrade, RS) | |
| 16:52 | Peripartalna kardiomiopatija. | 169 |
| | M. Deljanin Ilic (Niska Banja, RS) | |
| 17:15 | Lečenje dislipidemija i dijabetesa kod bolesnika sa srčanom insuficijencijom. | 170 |
| | N. Lalic (Belgrade, RS) | |
| 17:37 | Pejsmejkeri, kardioverter defibrilatori i drugi implantabilni uređaji u lečenju srčane insuficijencije. | 171 |
| | G. Milasinovic (Belgrade, RS) | |

16:30 - 18:00

Symposium

Nis

Acute heart failure - Clinical management in 2012.**Chairpersons: M. Gheorghiade (Chicago, US); A. Mebazaa (Paris, FR)****Latest Updates**

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| 16:30 | Pre-hospital treatment. | 172 |
| | F.H. Rutten (Utrecht, NL) | |
| 16:48 | Emergency department management. | 173 |
| | W.F. Peacock (Cleveland, US) | |
| 17:06 | ICU management: special cases of cardiogenic shock. | 174 |
| | M.R. Costanzo (Naperville, US) | |
| 17:24 | In hospital management. | 175 |
| | P. Ponikowski (Wroclaw, PL) | |
| 17:42 | Post discharge management. | 176 |
| | G.S. Filippatos (Athens, GR) | |

16:30 - 18:00

Symposium

Sombor

Imaging heart failure - What clinicians need to know.**Chairperson: F.J. Pinto (Lisbon, PT)****Devices and technology for heart failure**

16:30	Echocardiography – Do we need more than ejection fraction?	177
	B.A. Popescu (Bucharest, RO)	
16:48	CMR: ever necessary?	178
	P.A. Kaufmann (Zurich, CH)	
17:06	Nuclear: still relevant?	179
	A.N. Kitsiou (Athens, GR)	
17:24	PET/CT.	180
	P.G. Camici (Milan, IT)	
17:42	Panel discussions.	

SUNDAY

16:30 - 18:00

Symposium

Pancevo

Exercise training in heart failure: it's worth the effort!**Chairpersons: M.F. Piepoli (Piacenza, IT); D. Gaita (Timisoara, RO)****Basic science translated for the clinician**

16:30	Physical activity and risk of heart failure.	181
	A.J.S. Coats (Norwich, GB)	
16:48	Exercise training and cardiac remodelling.	182
	D.J.G.M. Duncker (Rotterdam, NL)	
17:06	Exercise training and vascular remodelling.	183
	S. Adamopoulos (Athens, GR)	
17:24	Clinical trial evidence for exercise training in heart failure.	184
	C. O'Connor (Durham, US)	
17:42	How to implement exercise training in clinical practice.	185
	V. Conraads (Edegem, BE)	

New HFA Membership Services - Free trial
Go to the HFA/ESC Stand for more information

16:30 - 18:00

Symposium

Subotica

Nuclear and sarcomeric protein alterations leading to heart failure.**Chairpersons: T. Eschenhagen (Hamburg, DE); W.J. Paulus (Amsterdam, NL)****Basic Science**

- 16:30 **ISHR Keith Reimer lecture.** 186
M. Avkiran (London, GB)
- 16:52 **Regional heterogeneity in sarcomere function and cardiac disease.** 187
Z. Papp (Debrecen, HU)
- 17:15 **Impaired Frank-Starling mechanism in hypertrophy and failure?** 188
J. van der Velden (Amsterdam, NL)
- 17:37 **Increased energy usage of the sarcomeres as cause of cardiac hypertrophy.** 189
C. Poggesi (Firenze, IT)

16:30 - 18:00

Oral Abstracts

Piro

Judges choice: basic science.**Chairpersons: C. Maack (Homburg/Saar, DE); V. Melenovsky (Prague, CZ)**

- 16:30 **Right ventricular fresh ischemic damage after fatal traumatic brain injury: a potential explanation for right ventricular dysfunction after heart transplantation** 190
T. Fracasso, P. Meyer, H. Pfeiffer, P. Mangin, C. Sauerland, A. Schmeling (Geneva, CH; Münster, DE)
- 16:45 **Analysis of classical and alternative monocyte/macrophage characteristics in peripheral blood of patients with hypertension and heart failure with preserved ejection fraction** 191
N. Glezeva, V. Voon, C. Watson, K. McDonald, J. Baugh (Dublin, IE)
- 17:00 **Comparative study of the peptide motifs RGD and NGR for in vivo molecular imaging of angiogenesis using positron emission tomography after myocardial ischemia-reperfusion** 192
J. Tillmanns, M. Schneider, D. Fraccarollo, S. Samnick, J. Bauersachs (Hannover and Würzburg, DE)
- 17:15 **The DNA glycosylase Neil3 regulates stem cell recruitment, cell proliferation and DNA repair following myocardial infarction** 193
A.V. Finsen, G.A. Hildrestrand, I. Sjaastad, C.G. Neurater, L. Luna, L. Gullestad, G. Christensen, P. Aukrust, A. Yndestad, M. Bjoraa (Oslo, NO)
- 17:30 **Feedback inhibition by Atf3 is important to modulate the hypertrophic response to endothelin-1 in cardiomyocytes** 194
A. Giraldo, O. Barret, M. Tindall, S.J. Fuller, E. Amirak, B. Bhattacharya, P.H. Sugden, A. Clerk (Reading, GB)
- 17:45 **Protective role of ubiquitin-conjugating enzyme Ube2o against adverse remodeling after myocardial infarction: regulation by gp130-JAK/STAT signaling** 195
A. Haghighi, A. Hilfiker, M. Hoch, B. Stapel, D. Hilfiker-Kleiner (Hannover, DE)

18:15 - 19:45

Satellite Symposium

Novi Sad

Managing heart failure in the 21st centurySponsored by **SERVIER****Chairpersons: P. Ponikowski (Wroclaw, PL); M. Komajda (Paris, FR)**

18:15	Introduction.	196
	P. Ponikowski (Wroclaw, PL)	
18:20	Focus on the 21st century heart failure patient.	197
	G.S. Filippatos (Athens, GR)	
18:40	Key features of the new ESC heart failure guidelines.	198
	J.J.V. McMurray (Glasgow, GB)	
19:00	An update from SHIFT.	199
	M. Komajda (Paris, FR)	
19:20	Patient education: a therapeutic approach to improve heart failure management.	200
	S.D. Anker (Berlin, DE)	
19:40	Conclusion.	201
	M. Komajda (Paris, FR)	

18:15 - 19:45

Satellite Symposium

Pancevo

Mission possible? Exploring novel therapeutic approaches in acute and chronic heart failureSponsored by **Novartis****Chairpersons: M. Metra (Brescia, IT); K. Swedberg (Gothenburg, SE)**

18:15	Welcome and introduction.	202
	M. Metra (Brescia, IT)	
18:20	Guiding heart failure therapy: the pathophysiology of acute and chronic heart failure.	203
	M. Metra (Brescia, IT)	
18:40	Treating acute heart failure differently: an innovative therapeutic approach.	204
	A.A. Voors (Groningen, NL)	
19:10	Taking a new direction in chronic heart failure: the interplay of natriuretic peptides and the RAAS.	205
	J.J.V. McMurray (Glasgow, GB)	
19:35	Forward thinking: discussing the future of heart failure management.	206
	K. Swedberg (Gothenburg, SE)	



MORNING

Moderated Posters Session 1 (10:00 - 11:00)..... Page 42

Poster Session 1 Pages 43 to 117

All Posters will be on display from 08:30 - 12:30

AFTERNOON

Moderated Posters Session 2 (15:45 - 16:30)..... Page 60

Poster Session 2 Pages 61 to 78

All Posters will be on display from 14:00 - 18:00

The Heart Failure Association and the Scientific Programme Committee have developed a programme to highlight young researchers.

The poster will be easily identified with a HFA Young Researcher logo - which should be collected at the Poster Assistance Desk.



Join us in supporting the future of research and advances in all related aspects of heart failure Clinical research / treatment and Basic Science - come and interact with the Cardiologists of tomorrow.

Congratulations to the Young Researchers who obtained, by merit of their research, an HFA or Travel Grant.



08:30 - 12:30

Moderated Posters

Moderated Poster Area

Moderated posters - Session 1 - 10:00-11:00**Chairpersons: D. Glavas (Split, HR); M.G. Crespo-Leiro (La Coruna, ES)**

Moderated posters must be set up between 08:00 - 08:30, removed between 12:30 - 13:00, to be on display between 08:30 - 12:30 in the designated Moderated Poster Area.

These abstracts were chosen for their outstanding quality and will be presented during the Moderated Poster Session between 10:00 and 11:00.

Aetiology of 30 day readmissions following an index admission with heart failure in a real world population

P207

K. Ratib, S. Bradbury, A. Howell, S. Anderson, J. Rushton, J. Cooke, C. Aston, A. Patwala, D.K. Satchithananda (Stoke On Trent, GB)

Community-dwelling frail elderly with shortness of breath: unrecognized heart failure and/or COPD or other diseases?

P208

Y. Van Mourik, L.C.M. Bertens, J.B. Reitsma, K.G.M. Moons, A.W. Hoes, F.H. Rutten (Utrecht, NL)

Impaired renal function at hospital admission is an important predictor in patients with infective endocarditis

P209

C. Koeda, A. Tashiro, T. Itoh, H. Okabayashi, K. Yoshioka, Y. Morino, M. Nakamura (Morioka, JP)

Cardiac resynchronization therapy: does baseline mitral regurgitation grade impact outcome?

P210

M. Cipriani, M. Landolina, M. Lunati, F. Oliva, S. Ghio, A. Vicentini, C. Raineri, C. Campo, S. Bisetti, M. Frigerio (Milano and Pavia, IT)

CircuLite Synergy Micro-Pump: initial European experience for the treatment of ambulatory heart failure patients

P211

D. Burkhoff, F. Rega, M. Strueber, A. Barbone, E. Vitali, B. Meyns (Saddle Brook, US; Leuven, BE; Hannover, DE; Rozzano, IT)

08:30 - 12:30

Poster Session

Poster Area

Poster session 1

Posters must be set up between 08:00 - 08:30, removed between 12:30 - 13:00, to be on display between 08:30 - 12:30.

The presenter should be available by the poster during the coffee break (10:00 to 11:00) in order to discuss the research with the audience.

Acute heart failure

Clinical predictors of in-hospital mortality in patients hospitalized for acute heart failure syndromes admitted to the intensive care unit: insights from the RO-AHFS registry P212

I. Codoiu, O. Chioncel, S. Bubenek, A. Florian, D. Vinereanu, A. Ambrosy, C. Macarie, M. Gheorghiane (Bucharest, RO; Stanford and Chicago, US)

RDW - the rehabilitation of an old marker in acute heart failure P213

L. Marta, M. Peres, F. Valente, N. Cabanelas, M. Alves, D. Durao, G.F. Silva (Santarem, PT)

Healing a broken heart P214

R.O. Darabont, A. Vasilescu, R. Rimbis, D. Vinereanu (Bucharest, RO)

Peripartum cardiomyopathy with trombo-embolic complications - difficult clinical decisions. P215

M. Stepień-Wojno, L. Greszta, M. Banaszewski, I. Michalowska, J. Stepinska (Warsaw, PL)

A significant and good correlation between b-type natriuretic peptide and E:Ea only exists in acutely decompensated heart failure patients who have cardio-renal-anaemia syndrome P216

E. Ridha, S. Price, R. Sharma, R. Senior, A. Lyon, L. Davidson, M.R. Cowie, A. Vazir (London, GB)

Gender-related differences in prognostic factors of in-hospital mortality in patients with acute heart failure P217

J.T. Parissis, N. Kaldoglou, L. Mantziari, I. Ikonomidis, M. Nikolaou, J. Delgado,

A. Mebazaa, M. Anastasiou-Nana, F. Follath (Athens and Thessaloniki, GR; Madrid, ES; Paris, FR; Zurich, CH)

The prognostic significance of pulmonary artery systolic pressure in patients with acute decompensated heart failure P218

D. Aronson, B. Makhoul, Z. Azzam (Haifa, IL)

Ryanodine receptor mutation (R4496C+/-) facilitates myocardial remodeling, heart failure progression and pump failure death in response to pressure overload P219

S. Sedej, A. Schmidt, M. Denegri, S. Walther, F.R. Heinzl, S. Ljubojevic, C. Napolitano, S.G. Priori, J. Kocksamper, B. Pieske (Graz, AT; Pavia, IT; Marburg, DE)

Severe aortic stenosis and coronary disease with left ventricular dysfunction P220

V. Ramos, C. Vieira, S. Ribeiro, C. Galvao, J. Martins, J. Marques, A. Salgado, P. Azevedo, L.M. Pereira, A. Correia (Braga, PT)

Levosimendan use in severe aortic stenosis and cardiogenic shock P221

P. Jorge Perez, M.J. Garcia Gonzalez, M. Carrillo Perez-Tome, E. Arroyo Ucar,

C. Hernandez Garcia, R. Juarez Prera, G. Blanco Palacios, B. Mari, J. Gonzalez, I. Laynez Cerdana (Santa Cruz de Tenerife, ES)

08:30 - 12:30

Poster Session

Poster Area

- How accurate is measurement of blood pressure using a standard sphygmomanometer in patients with heart failure and atrial fibrillation P222
E. Wright, A. Al-Chamali, P. Pellicori, S. Smith, T. Mabote, A. Torabi, P. Costanzo, J.G.F. Cleland (Hull, GB)
- Therapeutic approach with ivabradine in acute STEMI patients in preshock: useful or not? P223
V. Nikolic Heitzler, M. Pavlov, A. Jelic, Z. Babic, N. Bulj (Zagreb, HR)
- Effects of low-dose carperitide for the treatment of acute decompensated heart failure P224
T. Yamaguchi (Tokyo, JP)
- Effect of admission blood pressure on intravenous therapies for acute heart failure P225
T. Tarvasmaki, V.P. Harjola, K. Siirila-Waris, J. Tolonen, M.S. Nieminen, J. Lassus (Helsinki, FI)
- Lung impedance guided preemptive treatment of chronic heart failure patients in the outpatient clinic reduces hospitalizations for acute heart failure and improve survival P226
M. Shochat, M. Kazatsker, A. Asif, Y. Levy, E. Noyman, D. Blondheim, I. Dahan, I. Shochat, A. Shotan, S. Meisel (Hadera, IL)
- Heart failure due to acute mitral regurgitation in a patient with atrial septal defect P227
O.N.A. Nedeljkovic-Arsenovic, M.B.K. Marija Boric-Kostic, B.I. Branislava Ivanovic, D.K.O. Dimitra Kalimanovska-Ostic, M.D.J. Milan Djukic, D.V. Dusan Velimirovic (Belgrade, RS)
- NT pro-BNP as the prognostic factor for early heart failure and complication of acute heart infarction P228
B. Prnjavorac, R. Sejdinovic, E. Ajanovic, J. Mehic, A. Mehmedovic, I. Nedzada, O. Bedak, E. Mujaric (Tesanj and Zenica, BA)
- Apelin treatment attenuates fibrosis development and preserves cardiac contractile function during heart failure progression P229
O. Kunduzova, C. Alfarano, O. Lairez, C. Guilbeau-Frugier, D. Pchejetski, P. Valet, A. Parini (Toulouse, FR)
- Clozapine induced myocarditis and acute heart failure P230
A. Cicovic, M. Alawami, C. Kenedi (Auckland, NZ)
- AssistMe System: data mining in the domain of assist support devices P231
A.B. Babic (Linköping, SE)

Heart failure diagnosis

- Structurally functional ability of heart and ventricular dyssynchrony at a chronic heart failure under the influence of a revascularization of a myocardium of a left ventricle P232
O.A. Osipova, N.N. Pribylova, M.A. Vlasenko, O.A. Vlasenko, A.Y.U. Chetverikova (Belgorod and Kursk, RU; Kharkov, UA)
- The differences in co-morbidities between systolic HF (heart failure) and diastolic HF in a cohort of 345 HF patients attending HF clinic at a university hospital in UK P233
H. Al-Sardar (Southend on Sea, GB)
- Prevalence of anemia in a Saudi population with chronic heart failure P234
R. Odeh, M.B. Bdeir, T. Conboy (Riyadh, SA)
- Heart rate turbulence predicts outcomes in ischemic heart failure P235
O.A. Koval', S.V. Romanenko (Dnipropetrovsk, UA)

08:30 - 12:30 Poster Session Poster Area

Effectiveness of a nurse-led clinic, Riyadh in implementing and adhering to international heart failure management guidelines P236

R. Odeh, M.B. Bdeir, M.R. Fadel (Riyadh, SA)

Validity of body composition assessment by Bio impedance in relation to DEXA P238

N. Ebner, C. Krause, M. Valentova, G. Turhan, A. Sandek, S.D. Anker, S. Von Haehling, W. Doehner (Berlin, DE)

Arrhythmias and treatment

Comparative analysis and correlation of intracardiac hemodynamic parameters and cardiac arrhythmias in patients with acute and chronic myocarditis P239

G.A. Nagaeva (Tashkent, UZ)

Protecting the alcoholic cardiomyopathy patient: bridge to decision with the wearable cardioverter defibrillator P240

N. Bianco, S. Szymkiewicz (Pittsburgh, US)

Aged hypertensive rats benefit from omega-3 fatty acids intake due to up-regulation of cell-to-cell coupling protein, connexin-43 that was associated with suppression of malignant arrhythmias. P241

N. Tribulova, J. Radosinska, B. Bacova, T. Benova, V. Knezl, E. Goncalvesova, L. Urban, R. Hatala, J. Slezak (Bratislava, SK)

Atrial fibrillation

The impact of TNF-a on recurrence of atrial fibrillation in advanced heart failure P242

S. Grigoryan, L.G. Hazarapetyan, A.A. Stepanyan (Yerevan, AM)

Incidence of thromboembolic complications in patients with atrial fibrillation treated with combined antithrombotic therapy P243

S. Novakovic-Anucin, S. Gnip, P. Radovic, V. Canak, L.J. Povazan, G. Mitic (Novi Sad, RS)

Outcome of patients with heart failure stratified by age and heart rhythm in the Hull LifeLab programme P244

J.G.F. Cleland, A.S. Rigby, A. Tageldien, H. Hado, R. Jibran, T. Castiello, P. Pellicori,

D. Cullington, A.L. Clark, K.M. Goode (Kingston Upon Hull, GB)

Chronic kidney disease is an independent predictor of new-onset heart failure in patients with atrial fibrillation P245

M. Polovina, T. Potpara, M. Licina, A. Kocijancic, M.C. Ostojic (Belgrade, RS)

Cancer / Cardiotoxicity

Homocysteine-related compounds induced cardiotoxicity in rat P246

D. Djuric, V. Zivkovic, D. Krstic, V. Jakovljevic (Belgrade and Kragujevac, RS)

Immunochemotherapy-induced heart failure in patients with B-cell chronic lymphocytic leukemia: response to bisoprolol P247

B. Samura (Zaporozhye, UA)

Inhibition of ErbB2-tyrosine kinase domain via the anticancer small-molecule Lapatinib induces milder cardiac dysfunction compared to the anti-ErbB2 antibody Trastuzumab P248

C.G. Tocchetti, C. Coppola, D. Rea, N. Castaldo, L. Guarino, A. Barbieri, G. Piscopo,

C. De Lorenzo, C. Arra, N. Maurea (Naples, IT)

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S. Engeli, W. Utz, S. Haufe, V. Lamounier-Zepter, M. Boschmann, J. Schulz-Menger, J. Jordan (Hannover, Berlin and Dresden, DE)

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O.N. Korneeva, O.M. Drapkina (Moscow, RU)

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S. Mitrovska (Skopje, MK)

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D. Zizek, L. Lipar, I. Zupan, D. Vucicevic, L.R. Scott (Ljubljana, SI; Phoenix, US)

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E. Shantsila, N. Bialuk, D. Navitski, A. Pyrochkin, V. Pyrochkin, P.S. Gill, V. Snezhitskiy, G.Y.H. Lip (Birmingham, GB; Grodno, BY)

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Adrenomedullin: a new prognostic biomarker in decompensated heart failure - preliminary results

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Age- and sex-specific reference limits for serum N-terminal-pro-B-type natriuretic peptide: Comparison of older versus younger healthy Chinese individuals

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X. Jin, J.M. Zhou, M. Fu, J. Zhou, J.B. Ge (Shanghai, CN; Gothenburg, SE)

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D. Popovic, M.C. Ostojic, B. Popovic, M. Petrovic, B. Vujisic-Tesic, I. Nedeljkovic, A. Arandjelovic, M. Banovic, P. Seferovic, S.S. Damjanovic (Belgrade, RS)

Diagnosing acute heart failure in the elderly using N-terminal Pro-BNP

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C.M. Carlsen, L. Kober, O.W. Nielsen (Copenhagen, DK)

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A. Eisen, M. Benderly, S. Behar, U. Goldbourt, M. Haim (Petah Tikva and Tel Hashomer, IL)

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Nursing

Suitability of the Thirst Distress Scale for heart failure patients

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N. Waldreus, R. Hahn, T. Jaarsma (Linköping, SE)

Gender impact on a disease management program with repetitive education and telephone monitoring in patients with chronic heart failure

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F.D.C. Cruz, J.L. Vieira, L.F. Moreira, V.S. Issa, S.A. Ferreira, G.E. Conceicao, F. Bacal, E.A. Bocchi (Sao Paulo, BR)

Population studies / Epidemiology

Trends in prevalence of heart failure in Sweden from 1990 to 2007 by gender

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P. Paren, M. Schauffelberger, L. Björck, G. Lappas, A. Rosengren (Möndal and Gothenburg, SE)

GSTM1 and GSTT1-Null genotypes are associated with higher risk of chronic heart failure among hypertensive and obese individuals

P357

V. Coric, N. Jankovic, S. Radovanovic, S. Suvakov, J. Jakovljevic, T. Djukic, I. Rakocevic, D.V. Simic (Belgrade, RS)

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What are the early cardiovascular (CV) structural and functional abnormalities associated with obesity? P358

M. El Shahawy, M. Entcheva (Sarasota, US)

Syncope in pediatric versus adult patients: does neuromediated syncope be more prevalent and recurrent in the teen population? P359

I. Rangel, J. Freitas, A.S. Correia, A. Sousa, A. Lebreiro, C. Sousa, M. Paiva, M.J. Maciel (Porto, PT)

Heart failure in elderly patients in hospital setting in Bulgaria P360

L. Mircheva, A. Angelov, A. Kisheva, O. Kunchev, Y. Yotov, A. Penev (Varna, BG)

Psychosocial / Ethical concepts / Education

Awareness about heart failure in Slovenia P361

M. Lainscak, M. Letonja, B. Jug, C. Melihen Bartolic, M. Mulej, M. Penko, J. Poles, T. Ravnikar, M. Savnik Iskra, C. Slemenik Pusnik (Golnik, Ptuj, Ljubljana, Nova Gorica, Jesenice, Maribor, Topolsica, Izola, Brezice and Slovenj Gradec, SI)

Quality of life of women with heart failure after cardiovascular rehabilitation P362

D. Marinkovic, M. Deljanin-Ilic, S. Ilic, B. Ilic, V. Nikolic (Nis, RS)

Exercise testing & training

Can we improve the walk test performances by extending its duration and/or estimating the workload spending during the test? P363

C. Berthillot, Z. Raissuni, F. Zores, G. Roul (Strasbourg, FR)

Prognosis

Difference in resource consumption and costs of patients with chronic heart failure with or without mitral regurgitation P365

D. Roggeri, M. Gorini, D. Lucci, L. Tavazzi, G. Misuraca, F. Oliva, M. Senni, P. Mida, A. Vincenzi, A.P. Maggioni (Bergamo, Florence, Cotignola, Cosenza, Milan, Albano Laziale and Monza, IT)

The controversial role of pulmonary vasoreactivity on outcome in advanced chronic heart failure P366

H. Schroetter, D. Stolte, M. Halank, L. Schmiedel, A. Schmeisser, R.H. Strasser (Dresden and Magdeburg, DE)

What is the best cut-off of the left ventricular ejection fraction to predict cardiovascular events in the medium term in patients presenting with non ST-segment elevation acute coronary syndrome? P367

O. Azevedo, N. Marques, J. Mimoso, I. Jesus (Guimaraes and Faro, PT)

Hospital readmission and mortality in patients with chronic cardiorenal syndrome P368

E.R. Makeeva, A.M. Shutov, V.A. Serov, A.A. Strakhov (Ulyanovsk, RU)

Evaluation of heart failure severity and prognosis, using cardiopulmonary exercise testing. Is it always true? P369

T. Lelyavina, M.Y.U. Sitnikova, E.V. Shlyakhto (St. Petersburg, RU)

Morbidity and mortality in patients with short stature admitted with acute coronary syndrome P370

S. Ribeiro, A. Gaspar, C. Vieira, V. Ramos, C.G. Braga, P. Azevedo, M.A. Pereira, A. Correia (Braga, PT)

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Heart rhythm variability and cardiovascular complications of patients with chronic heart failure

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N.A. Kosheleva, A.P. Rebrov (Saratov, RU)

QRS complex duration in predicting survival in left ventricular systolic dysfunction and heart failure

P372

B. Kanazirev (Varna, BG)

Clinical and prognostic impact of resting heart rate in elderly patients admitted with worsening chronic heart failure

P373

M.M. Baluta, A.D. Mateescu, A.M. Mocanu, E. Panaitescu, M.M. Vintila (Bucharest, RO)

A mortality risk score in severe heart failure cause by Chagas disease: a new tool to improve decisions regarding treatment procedures

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J.R. Lanz Luces, G.V. Guimaraes, G.E. Souza, V.S. Issa, S. Ayub-Ferreira, F.D. Cruz, M.S. Alves, E.A. Bocchi (Sao Paulo, BR)

Pathophysiology

Relationships between inferior vena cava collapsibility index and signs and symptoms of chronic heart failure: results from a retrospective observational study.

P375

R. De Vecchis, C. Esposito, C. Ariano, G. Di Biase, A. Fusco, A. Giasi, C. Cioppa, S. Cantatrione (Naples and Somma Vesuviana, IT)

Abnormal parameters of signal averaged ECG and heart failure in acute myocardial infarction

P376

A. Djokovic, S. Radovanovic, B. Milovanovic, I. Zivanovic, S. Hinic, M. Krotin (Belgrade, RS)

Pulmonary hypertension

NRG-1 improves monocrotaline-induced right ventricular and pulmonary endothelial dysfunction

P377

P. Mendes-Ferreira, C. Maia-Rocha, R. Adao, R.J. Cerqueira, M.J. Mendes, A.P. Lourenco, S. Pinho, G.W. De Keulenaer, A.F. Leite-Moreira, C. Bras-Silva (Porto, PT; Antwerp, BE)

Epidemiological profile of pulmonary arterial hypertension in Argentina: insights from HINPULSAR registry

P378

E.R. Perna, M.L. Coronel, D. Echazarreta, R. Sarjanovich, E. Redcozub, C. Botta, A. Lescano, M. Curro, M. Fleitas, C. Toldo (Corrientes, AR)

Dual inhibition of phosphodiesterases type 3 and 5 can reverse reactive and fixed pulmonary hypertension in advanced heart failure patients

P379

N. Piriou, J. Sassier, F. Valleix-Terruin, J. Roy-Giocosa, F. Floch, J.P. Gueffet, J.N. Trochu (Nantes, FR)

Treatment of pulmonary arterial hypertension according with functional class in the Argentinean HINPULSAR Registry

P380

M.L. Coronel, E.R. Perna, D. Echazarreta, G. Einer Allende, J.P. Cimbaro Canella, S. Pereiro, R. Caram, R. Bonafede, P. Coria, F. Diez (Corrientes and Rosario, AR)

Pulmonary hypertension in heart failure patients with reduced versus preserved systolic function; is it the same war or different battle?

P381

N. Salman, B. Zafir, H. Paz, D. Merhavi, O. Amir (Haifa, IL)

08:30 - 12:30 Poster Session Poster Area

Inhaled iloprost is safe and useful for evaluation of pulmonary vascular reactivity in patients with secondary pulmonary hypertension P382

M. Sokolski, J. Biegus, S. Nawrocka, P. Siwolowski, K. Josiak, J. Szachniewicz, R. Zymliński, W. Banasiak, E.A. Jankowska, P. Ponikowski (Wrocław, PL)

Right ventricular function

Right ventricular strain and strain rate by 2D speckle tracking in chronic thromboembolic pulmonary hypertension P383

M. Sunbul, T. Kivrak, A. Kepez, B. Yizdizeli, B. Mutlu (Istanbul, TR)

Shape and size of right chamber by vectorcardiogram in ARVD/C P384

I. Vranic (Belgrade, RS)

Correlation between systolic function of left and right ventricle in patients with advanced heart failure. P385

M. Stamatiadou, N. Kouris, G. Makavos, V. Kostopoulos, K. Paraskevopoulos,

G. Mprepos, N. Vassiliadis, C.D. Olympios (Athens, GR)

Left ventricular function

Reduced intercostal and forearm muscle blood flow and oxygenation during respiratory fatigue in patients with heart failure: evidence for the respiratory metaboreflex P386

A.C. Nobrega, A. Moreno, R. Castro, B. Silva, M.P. Guerra, A. Rezende, R. Abreu, M.S. Anna Junior (Niteroi, BR)

Prevalence and predictors of left ventricular ejection fraction normalization in chronic systolic heart failure P387

B. Ancsin, B. Szabo, M. Dekany, B. Muk, B. Polgar, T. Borsanyi, E. Marosi, R.G. Kiss, N. Nyolczas (Budapest, HU)

Blood pressure pattern as risk factor for isolated diastolic heart failure P388

B. Ivanovic, M.T. Tadic (Belgrade, RS)

The effect of pacemaker lead positioning on left ventricle function and patient functional capacity P389

V. Mitov, A. Jolic, Z. Aleksic, M. Stevic (Zajecar and Nis, RS)

HFpEF - Heart failure with preserved ejection fraction

A risk factor-based porcine model of early heart failure with preserved ejection fraction P390

M. Schwarzl, S. Seiler, P. Steendijk, N. Hamdani, W. Linke, M. Truschnig-Wilders, B. Pieske, H. Post (Graz, AT; Leiden, NL; Bochum, DE)

Levels of BNP, NT-pro BNP and pro-ANP in 1 year after STEMI in patients with preserved LVEF P391

V. Ryabov, T. Suslova, V. Shurupov, I. Kologrivova, E. Nikonova, V. Markov (Tomsk, RU)

Substrate specific impairment of mitochondrial respiration in permeabilized fibers from patients with coronary heart disease vs. valvular disease P392

O.M. Duicu, C. Jusca, S. Trancota, L. Falnita, N.S. Mirica, D. Maximov, O. Fira-Mladinescu, D. Muntean (Timisoara, RO)

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Poster Session

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Ivabradine effect on structural and functional parameters in diastolic and right chronic heart failure patients

P393

L. Castillo-Martinez, J.I.A. Orea-Tejeda, Z. Vazquez-Ortiz, K. Balderas-Munoz, G. Sanchez-Vidal, M. Utrera-Lagunas, M. Vazquez-Duran, A. Gutierrez-Rodriguez, G. Olvera-Mayorga, V. Coria-Ladron De Guevara (Mexico, MX)

Animal models and experimentation

Enhancing eNOS transcription prevents pressure-overload induced ventricular hypertrophy

P394

R. Kietadisorn, Y. Octavia, R. Juni, A. Moens (Maastricht, NL)

Diverse protein kinase A-dependent myofilament protein phosphorylation in the background of regional contractile dysfunction in pacing-induced heart failure

P395

A. Balogh, D. Czuriga, E.T. Pasztor, A. Kovacs, A. Toth, F.A. Recchia, V. Lionetti, Z. Papp (Debrecen, HU; Pisa, IT)

The expression of cholinergic muscarinic receptor 1, and the enzymes involved in the metabolism of acetylcholine in medulla oblongata in male pigs in the course of tachycardia-induced cardiomyopathy

P396

A. Tomaszek, L. Kiczak, J. Bania, M. Zacharski, I. Rybinska, A. Janiszewski, A. Noszczyk-Nowak, U. Paslawska, E.A. Jankowska, P. Ponikowski (Wroclaw, PL)

Low dose isoflurane anesthesia prevents isoprenaline-induced Takotsubo-like left ventricular ballooning in the rat

P397

B. Redfors, Y. Shao, E. Daryoni, M. Scharin Tang, E. Omerovic (Gothenburg, SE)

Peculiarities of myocardial damage caused by immunization with various human myocardial antigens: comparative experimental study.

P398

D.V. Riabenko, V.I. Bobyk, O. Fedorkova, O. Sergienko, T. Kovenia, L.L. Sidorik (Kyiv, UA)

Gene and cell therapy

Long term functional evaluation of epicardially delivered cellularized patches

P399

H. Hamdi, V. Planat-Benard, A. Bel, H.-J. Neamatalla, V. Bellamy, L. Casteilla, M. Puceat, A. Hagege, O. Agbulut, P. Menasche (Toulouse and Paris, FR)

Cardiac adeno-associated virus 9-mediated delivery of nestin-640 prevents myocardial remodeling in a rodent model of post-ischemic heart failure

P400

S.L. Romano, M. Matteucci, L. Zentilin, F. Scebbba, G. Bianchi, A. Pucci, M. Giacca, F.A. Recchia, V. Lionetti (Pisa and Trieste, IT)

Association of polymorphism gene angiotensin-converting enzyme with clinical, structural and functional indexes of the heart in patients with Chronic Heart Failure (CHF)

P401

O. Krasnova, E. Shlyakhto, M. Sitnikova, S. Ivanov, V. Larionova (St. Petersburg, RU)

Ischemia/Reperfusion/Reconditioning/Postconditioning

Magnesium orotate induces cardioprotection against global and regional ischaemia in rat hearts regardless the timing of administration

P402

S.N. Mirica, G. Gheorghiu, O.M. Duicu, A. Anechitei, O. Fira-Mladinescu, D. Angoulvant, D. Muntean (Timisoara, RO; Tours, FR)

08:30 - 12:30	Poster Session	Poster Area
NT- pro BNP and restoration of microvascular function in the infarct-related artery in patients with acute myocardial infarction		P403
D. Trifunovic, S. Stankovic, M. Ostojic, B. Vujisic-Tesic, M. Petrovic, I. Nedeljkovic, M. Banovic, M. Boricic, G. Draganic, M. Tesic (Belgrade, RS)		
PPAR-alpha activation protects myocardium against ischemia/reperfusion injury in isolated rat heart		P404
S. Carnicka, A. Adameova, T. Kelly, M. Nemcekova, M. Ferko, J. Mujkosova, E. Galatou, E. Barlaka, A. Lazou, T. Ravingerova (Bratislava, SK; Thessaloniki, GR)		
The effect of the MMP inhibitor Ilomastat on reperfusion injury		P405
J. Palocz, P. Bencsik, A. Gorbe, G.F. Kocsis, J. Pipis, T. Csont, P. Ferdinandy (Szeged, HU)		
Risk factors of lifestyle alter myocardial resistance to ischemia and interfere with endogenous cardioprotective mechanisms		P406
T. Ravingerova, A. Adameova, S. Carnicka, M. Nemcekova, M. Bartekova, F. Kolar (Bratislava, SK; Prague, CZ)		
Successful «late» primary percutaneous coronary intervention procedure and improvement of left ventricular function: a clinical case study		P407
J. Jankovic, A. Milosevic, M. Tomasevic, V. Vukcevic, B. Stefanovic, Z. Vasiljevic (Belgrade, RS)		
Molecular biology / Genetics		
Danon disease: a family report and detection of a novel LAMP 2 mutation.		P408
D. Miani, M. Iascone, N. Finato, G. Nucifora, L. Pezzoli, M. Moscarda, A. Proclemer (Udine, Bergamo and Rome, IT)		
Involvement of ferritin heavy chain in the preventive effect of metformin against doxorubicin-induced cardiotoxicity.		P409
M.C. Asensio-Lopez, A. Lax, D.A. Pascual-Figal, S. Abenza, M.T. Perez-Martinez, M. Valdes, J. Sanchez-Mas (Murcia, ES)		
A quantitative-PCR protocol rapidly detects aGAL deletions/duplications in patients with Anderson-Fabry disease		P410
N. Marziliano, V. Motta, F. Orsini, N. Sapere, M. Intrieri, P.A. Merlini, M. Gambacort, S. Veronese (Milan and Campobasso, IT.C.reactive protein (CRP) gene polymorphisms: Implication in CRP plasma levels and susceptibility to acute myocardial infarction		P411
S.M.H. Ghaderian, R.E.Z.A. Akbarzadeh Najar, A.S. Tabatabaei Panah (Tehran, IR)		

14:00 - 18:00

Moderated Posters

Moderated Poster Area

Moderated posters - Session 2 - 15:45-16:30**Chairpersons: M. Mamas (Manchester, GB); T. Jaarsma (Norrköping, SE)**

Posters must be set up between 13:30 and 14:00 and removed between 18:00 and 18:30 to be on display between 14:00 - 18:00 in the designated Moderated Poster Area.

These abstracts were chosen for their outstanding quality and will be presented during the Moderated Poster Session between 15:45 and 16:30.

Motivation and perceived control in compliance with exercise recommendations in heart failure patients

P412

M.M.W. Nieuwenhuis, T. Jaarsma, D.J. Van Veldhuisen, M.H.L. Van Der Wal (Groningen, NL; Norrköping, SE)

Effect of a nurse specialist coordinated heart failure clinic in our Medical City on patient adherence to medication

P413

T. Conboy, A. Al Roumi, R. Conboy, M. Al Khateeb (Riyadh, SA)

Are partners to patients with heart failure depressed? Prevalence and factors associated with depressive symptoms in partner of patients with chronic heart failure

P414

A. Stromberg, S. Agren (Linköping, SE)

Older patients have less belief in treatment and fear of consequences of heart failure than younger patients

P415

C. Maher, K. Morgan, S. Fall, B. Travers, M. Ruddy, K. McDonald, H. McGee, V. Maher (Dublin, IE)

An evaluation of Irish nurses experience of undertaking a graduate programme in heart failure nursing

P416

K. Wedgeworth, B. Travers, M. Ryder, K. McDonald (Dublin, IE)

14:00 - 18:00

Poster Session

Poster Area

Poster session 2

Posters must be set up between 13:30 - 14:00, removed between 18:00 - 18:30, to be on display between 14:00 - 18:00.

The presenter should be available by the poster during the coffee break (15:45 to 16:30) in order to discuss the research with the audience.

Acute heart failure

The prevalence and outcome in patients with acute decompensated heart failure with history of hypertension P417

S. Kozhukhov, A. Parkhomenko (Kiev, UA)

Multiple systemic emboli originating from the aorta and left atrium in a patient with reduced left ventricular ejection fraction P418

A. Coumbe, E. Missov (Minneapolis, US)

Anemia does not affect the short-term outcome in acute exacerbation of advanced chronic heart failure P419

L. Skorup, T. Zaninovic-Jurjevic, A. Ruzic, N. Jurjevic, K. Bazdaric, L. Zaputovic, Z. Mavric (Rijeka, HR)

A 1-year registry of patients admitted with acute heart failure: a Saudi experience. P420

A. Soliman, M. Al Qaseer, W. Ahmed, R. Farhat, D. Lee, R. Alshabib, H. El-Samiri, M. Mowla, A. Jelani (Al Ahsa, SA)

Impact of worsening renal function on mortality in acute heart failure P421

S. Hamdi, M. Chakroun, W. Jomaa, A. Hamzaoui, W. Dhawedi, T. Trimech, L. Chaker, K. Ben Hamda, F. Maatouk (Monastir, TN)

Relationship between clinical findings on admission and visiting time in patients with acute heart failure P422

M. Matsushita, A. Shirakabe, T. Shimura, M. Tsurumi, K. Tomita, N. Kobayashi, T. Shinada, N. Hata, K. Mizuno (Chiba and Tokyo, JP)

Clinical significance of acid-base balance at emergency setting in patients with acute heart failure P423

A. Shirakabe, N. Hata, T. Shinada, N. Kobayashi, K. Tomita, M. Tsurumi, M. Matsushita, T. Shimura, K. Asai, K. Mizuno (Tokyo, JP)

Frequency and prognosis of cardiogenic shock requiring circulatory assistance device in the acute phase of STEMI. About 4400 patients in the Regional Acute Myocardial Infarction Registry (ORBI) P424

D. Boulmier, G. Leurent, G. Rouault, E. Filippi, J.P. Haco, P. Druelles, M. Gilard, A. Rialan, B. Moquet, H. Le Breton (Rennes, Quimper, Vannes, Lorient, Brest, Saint Malo and Saint-Brieuc, FR)

Diabetes in acute heart failure and acute coronary syndrome P425

M. Pernicky, M. Karabova, J. Murin (Bratislava, SK)

Incremental value and safety of oral metolazone as an adjunctive strategy with intravenous diuretics for ambulatory treatment in an outpatient setting P426

C.C. Lewis, F. Doyle, S. Egan, C. Raleigh, B. Mcadam (Dublin, IE)

14:00 - 18:00	Poster Session	Poster Area
	Fatal stress-induced cardiomyopathy in a young patient treated with adrenomimetics. Y. Shao, B. Redfors, E. Omerovic (Gothenburg, SE)	P427
	Clinical predictors of intensive care unit admission in patients hospitalized for acute heart failure syndromes: insights from the RO-AHFS registry I. Codoiu, O. Chioncel, D. Vinereanu, D. Filipescu, S. Bubeneck, A. Ambrosy, M. Gheorghiade, C. Macarie (Bucharest, RO; Stanford and Chicago, US)	P428
	Bio-Impedance Monitor (BIM) vest for patients with acutely decompensated heart failure. P. Gastelurrutia, J. Riistama, I. Cuba-Gyllesten, A. Teis, T. Giralt, J. Caffarel, E. Zamora, C. Llibre, J. Lupon, A. Bayes-Genis (Badalona, ES; Eindhoven, NL)	P429
	Levosimendan as an adjunctive medication facilitating dobutamine withdraw. Mortality impact A.C. Pereira Barretto, C.H. Del Carlo, J.N. Cardoso, M.E. Ochiai, M.V. Lima, M. Curiati, A.R. Scipioni, J.A.F. Ramires (Sao Paulo, BR)	P430
	Management of acute heart failure and adherence to guidelines in different clinical presentations T. Tarvasmaki, V.P. Harjola, K. Siirila-Waris, J. Tolonen, M.S. Nieminen, J. Lassus (Helsinki, FI)	P431
	Prediction of tolvaptan efficacy for body weight reduction in patients with cardiac edema-a substudy of QUEST M. Fukunami, M. Matsuzaki, M. Hori, T. Izumi (Osaka, Ube and Sagamihara, JP)	P432
	Acute severe mitral regurgitation caused by ruptured chordae tendineae as the first manifestation of severe coronary artery disease. T. Kovacevic-Preradovic, M. Lovric, S. Srdic, N. Dobrijevic, M. Kozic, D. Trninic, Z. Zivanovic, V. Katic (Banja Luka and Bijeljina, BA)	P433
	The time course of the evolution of pulmonary congestion and edema during ST elevation myocardial infarction M. Shochat, A. Shotan, M. Kazatsker, A. Asif, Y. Levy, D. Blondheim, I. Shochat, I. Dahan, S. Meisel (Hadera, IL)	P434
	Cardiogenic shock after STEMI P. Rodrigues, D. Anjo, M. Santos, N. Pimenta, R. Magalhaes, A. Luz, J. Silveira, H. Carvalho, S. Torres (Porto, PT)	P435
	The prognostic value of hypoalbuminemia in acute heart failure patients L. Bettari, M. Metra, F. Guidetti, N. Pezzali, V. Lazzarini, V. Carubelli, B. Piovanelli, E. Pezzotti, M. Bulgari, L. Dei Cas (Brescia, IT)	P436
	Heart failure diagnosis	
	LV systolic dysfunction in patients who had AMI and its role in the development of CHF V. Dyakonyuk, V. Tashchuk, T. Ilashchuk (Chernivtsi, UA)	P437
	Intestin microbiota in patients with Chronic Heart Failure (CHF) N. Bylova, G.P. Arutyunov, L.I. Kafarskaya, Y.A. Pokrovskiy, Z.A. Zernaya, S.E. Lapochkina (Moscow, RU)	P438
	Characterization of patients with cardiac amyloidosis using cardiac ultrasound. S.-O. Granstam, S.-O. Granstam, S. Rosengren, O. Vedin, G.W. Vikstrom (Uppsala, SE)	P439

14:00 - 18:00 Poster Session Poster Area

- Quantitative 123I MIBG SPECT-CT assessment of cardiac sympathetic innervation: an assessment of a new diagnostic tool for heart failure P440
S. Rispler, A. Frenkel, E. Kuptzov, Y. Brodov, O. Israel, Z. Keidar (Haifa, IL)
- Cirrhotic cardiomyopathy is systolic or diastolic dysfunction? P441
C. Torromeo, A. Calicchia, A. Ruffa, P. Pellicori, M. Di Iorio, O. Riggio, C. Gaudio, M. Merli (Rome, IT; Hull, GB)
- Clinical and prognostic role of flow-mediated vasodilatory response depending on etiology of chronic heart failure P442
I. Shkurat (Kiev, UA)
- Clinical characteristics of lower extremity edema in stage A cardiovascular disease status P444
H. Kataoka (Oita, JP)

Arrhythmias and treatment

- Suppression of frequent PVCs by amiodarone may be associated with left ventricular systolic function improvement in patients with heart failure P445
V. Sousounis, J. Terrovitis, C. Kapelios, A. Ntalianis, E. Kaldara, N. Michelinakis, G. Sainis, Z. Margari, A. Antoniou, J. Nanas (Athens, GR)
- Microvolt T wave alternance, heart rate variability and ventricular late potentials in patients with dilated cardiomyopathy and ventricular premature beats P446
G. Gheorghe, A. Cristea, I.T. Nanea (Bucharest, RO)
- Congenital complete atrio-ventricular block and dilated cardiomyopathy - new light for an old disease P447
M. Paiva, V. Ribeiro, A. Sousa, R. Garcia, A. Vieira, S. Amorim, E. Martins, M. Campelo, J. Silva Cardoso, M.J. Maciel (Porto, PT)

Atrial fibrillation

- Can atrio-ventricular delay optimization reduce atrial fibrillation burden in CRT patients? P448
L. Cipolletta, L. Zuliani, M. Luzi, A. Capucci (Ancona, IT)
- Value of Holter monitoring in patients with cardioembolic stroke P449
C. Castanheira De Sousa, J. Rema, A. Sousa, M. Paiva, A. Lebreiro, I. Rangel, D. Souteiro, P. Chaves, M. Campelo, M.J. Maciel (Porto, PT)
- Catheter ablation vs. rate-control strategy in patients with long-lasting persistent atrial fibrillation: impact to heart failure time course. P450
A.V. Ardashev, E. Zhelyakov, D. Duplyakov, A. Konev, M. Rybachenko, Y.U. Belenkov (Moscow and Samara, RU)
- Heart failure during follow-up is a predictor of progression to permanent arrhythmia in patients with first-diagnosed paroxysmal atrial fibrillation who have a structurally normal heart P451
T.S. Potpara, M.M. Polovina, M.M. Licina, P.M. Seferovic, G.Y.H. Lip (Belgrade, RS; Birmingham, GB)

Cancer / Cardiotoxicity

- Subacute right heart failure caused by a huge occlusive primary cardiac lymphoma P452
T.F. Filali, W. Fehri, M. Mimouni, D. Lahidheb, M. Gommidh, N. Hajlaoui, B. Jedaida, E. Saaidi, A. Hagui, H. Haouala (Tunis, TN)

14:00 - 18:00

Poster Session

Poster Area

A new index to predict trastuzumab-induced cardiac dysfunction

P453

M. Arao, M. Sekine, K. Setsuta (Tokyo, JP)

Tei index is useful to predict left ventricular dysfunction in patients receiving trastuzumab

P454

M. Arao, M. Sekine, K. Setsuta, K. Mizuno (Tokyo, JP)

Hypertrophic cardiomyopathy

Prevalence of sudden cardiac death risk factors among patients with hypertrophic cardiomyopathy

P455

O.O. Bilostotska, V.I. Tseluyko, K.Y. Kinoshenko (Kharkiv, UA)

Effects of beta-adrenoceptor subtypes in adult rat cardiomyocytes altered by expression of cTnI mutant R145G

P456

P. Steinwascher, S. Preilowski, N. Hamdani, L. Pott, A. Muegge, K. Jaquet (Bochum, DE)

Spirito-Maron echocardiographic score: a marker for morphological and physiological assessment of patients with hypertrophic cardiomyopathy

P457

I. Rangel, A. Goncalves, C. Sousa, A.S. Correia, T. Pinho, A. Madureira, E. Martins,

J. Silva-Cardoso, F. Macedo, M.J. Maciel (Porto, PT)

Future arrhythmic events are predicted by severe myocardial fibrosis in hypertrophic cardiomyopathy

P458

C. Prinz, I. Ilic, R. Lehmann, E. Prinz, T. Bitter, J. Vogt, D. Horstkotte, L. Faber

(Bad Oeynhausen, DE; Belgrade, RS)

Dilated cardiomyopathy

ALCAPA syndrome associated with dilatative cardiomyopathy: a case report

P459

Z. Atanasov, L. Veljanovska, B. Bozinovska, I. Milev, S. Idrizi, V. Ampova-Sokolov, Z. Mitrev (Skopje, MK)

Surgical approaches for reverse remodeling of the heart with end-stage DCM (Dilated cardiomyopathy)

P460

L. Rizun, S. Dzemeshevich, V. Raskin, A. Dzemeshevich, M. Malikova, J. Frolova,

T. Voronina (Moscow, RU)

The influence of atorvastatin on the parameters of inflammation, the function of left ventricle, hospitalizations and mortality in patients with dilated cardiomyopathy in five years follow up

P461

A. Bielecka-Dabrowa, J. Rysz, M. Banach (Lodz, PL)

The influence of Sleep apnea syndrome on echocardiographic parameters and pulmonary hemodynamic parameters in patients with dilated cardiomyopathy

P462

D. Kawecki, C. Wojciechowska, K. Krzemien-Wolska, W. Jachec, J. Dola, W. Scierski,

I. Kawecka, B. Morawiec, A. Tomasik, E. Nowalany-Kozielska (Zabrze, PL)

The dynamic of NT-pro BNP in patients with DCM under 6 month observation

P463

V.I. Tseluyko, N.V. Matviichuk, K.Y. Kinoshenko (Kharkiv, UA)

Synergistic application of hyperbaric oxygenation therapy (HBOT) and erythropoietin (EPO) in treatment of chronic heart failure

P464

M. Zivkovic, B. Baskot, S. Tepic, A. Perisic, D. Kovacevic, V.M. Mujovic (Belgrade and Novi Sad, RS)

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Left ventricular reverse remodeling in idiopathic dilated cardiomyopathy: impact of evidence-based treatment over the last 30 years. The experience of the Florence referral center for cardiomyopathies P465

A. Fornaro, G. Castelli, M. Ciaccheri, I. Olivotto, C. Pigozzi, B. Tomberli, G.F. Gensini (Florence, IT)

Time dependent effect of recommended pharmacological therapy in newly diagnosed idiopathic dilated cardiomyopathy and implications for eligibility to cardioverter defibrillator implantation P466

A. Pivetta, M. Merlo, M. Zecchin, C. Lutman, G. Barbati, D. Gregori, A. Di Lenarda, G. Sinagra (Trieste and Padua, IT)

Cardiomyopathy (other)

The relationship of hemoglobin level in blood with parameters of heart rate turbulence and structural haemodynamic indices in dilated cardiomyopathy P467

G.A. Nagaeva (Tashkent, UZ)

heart failure in young adults with corrected transposition of the great vessels by atrial switch P468

J.R. Beramendi Calero, I. Rilo Miranda, I. Solla Ruiz, I. Villanueva Benito, S. Bianco, M.F. Castillo Judez, A. Izaguirre Yarza (San Sebastian, ES)

Trouble never comes alone (case of left ventricular noncompaction complicated by bicuspid aortic valve) P469

A.B. Nogradi, R. Faludi, E. Fodi, A. Szucs, A. Toth, S. Szabados, T. Simor (Pecs and Budapest, HU)

Iron heart, a rare case of restrictive cardiomyopathy P470

H. Rashid, K.H. Jalabadze, T. Todua, I. Lezhava, G. Getmansky, I. Davitashvili, I. Avaliani, K. Etsadashvili, A. Melia (Tbilisi, GE)

Value of orthostatic hypotension as a prognostic bed-side test in heart failure P471

T.M.A. Abdelrahman (Minia, EG)

Outcome of Chagas disease heart failure versus systemic arterial hypertension heart failure P472

R. Bestetti, A.P. Otaviano, A. Cardinalli-Neto, P.R. Nogueira (Sao Jose do Rio Preto, BR)

Autophagy involves cardiomyocytes and cardiac progenitor cells in imatinib related cardiotoxicity P473

S. Cavalli, S. Galati, C. Frati, M. Savi, G. Graiani, C. Lagrasta, D. Madeddu, A. Falco, L. Prezioso, F. Quaini (Parma, IT)

Role of pharmacologic stress test in cirrhotic cardiomyopathy diagnosis P474

J. Guardado, M. Barbosa, V.H. Pereira, M. Fernandes, I. Quelhas, O. Azevedo, F. Canario-Almeida, C. Marinho, J. Cotter, A. Lourenco (Guimaraes, PT)

Cardio-renal syndrome

Circulating cystatin C correlated with the severity in elderly mild to moderate chronic heart failure patients without advanced renal impairment P475

Y. Mitsuke, A. Nakano, H. Uzui, T. Geshi, N. Amaya, T. Morishita, K. Ishida, M. Saga, K. Arakawa, J.D. Lee (Fukui, JP)

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A1-acid glycoprotein levels as predictor of renal and endothelial dysfunction in patients with chronic heart failure and preserved ejection fraction

P476

O. Mytrokhina, O. Kuryata (Dnepropetrovsk, UA)

Cardiotrophin-1 is involved in cardiovascular and renal fibrosis and dysfunction

P477

N. Lopez, A. Rousseau, R. Akhtar, L. Calvier, C. Labat, K. Cruickshank, J. Diez, F. Zannad, P. Lacolley, P. Rossignol (Vandoeuvre-les-Nancy, FR; Manchester, GB; Pamplona, ES)

Co-morbidities (inc COPD, anaemia, cachexia)

Hemoglobin level is associated with the duration of hospital stay in acutely decompensated heart failure patients

P478

C.-W. Goh, H.S. Ahn, S.K. Ryu, H.S. Seo, K.H. Kwon, S.J. Yoon, K.J. Rhee (Seoul, Bucheon and Ilsan, KR)

Inflammatory activity in anemic patients with chronic heart failure and chronic kidney disease

P479

N. Ryndina, G. Tytova (Kharkiv, UA)

Comorbidities on long term prognosis in chronic heart failure. Which one is worse?

P480

M. Nikolaou, J. Parissis, T. Katsoulas, P. Rafouli-Stergiou, F. Kolokathis, M. Athanassiou, E. Rentoukas, M. Anastasiou-Nana, G. Filippatos (Athens, GR)

The prevalence of abnormal thyroid function in a heart failure population.

P481

U. Buckley, E. O'dwyer, N. Mahon (Dublin, IE)

Role of hepcidin in regulation of iron utilisation in heart failure

P482

V. Manglam, A. Sangwaiya, J. Arnold, F. Geoghegan, M. Busbridge, S.D. Rosen (London, GB)

Sleep structure in patients with heart failure III-IV functional class (according to NYHA classification)

P483

L. Korostovtseva, Y.U. Svyryaev, S. Kozlova, Y.U. Sazonova, A. Kozlenok, K. Malikov, A. Konradi, E. Shlyakhto (St. Petersburg, RU)

Catabolic and anabolic signaling in the heart of rats with cancer cachexia compared myocardial infarction

P484

A. Tschirner, S. Palus, A. Haghighia, S. Von Haehling, W. Doehner, D. Hilfiker-Kleiner, T. Force, S.D. Anker, J. Springer (Berlin and Hannover, DE; Philadelphia, US; Rome, IT; Norwich, GB)

Multi compartment body composition analysis in chronic heart failure - air displacement plethysmography, body impedance analysis, dual-x-ray-absorptiometry, and 3d-white light scan analysis

P485

T.D. Trippel, A. Stahn, S. Von Haehling, W. Doehner, V. Tscholl, S. Inkrot, E. Tahirovic, H.C. Gunga, W. Haverkamp, H.D. Duengen (Berlin, DE)

Cytokines and inflammation

The activity of pro-inflammatory cytokines in ischemic heart remodeling.

P486

Y. Bochenina, G.E. Kuznetsov, L.R. Tenchurina (Orenburg, RU)

The prognostic role of adipocytokines and proinflammatory cytokines in the development of heart failure in patients with diabetes mellitus type 2

P487

M.A. Orynychak, N.V. Skrypnyk (Ivano-Frankivsk, UA)

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Impact of TGF-beta on left ventricular function in young adults with mitral valve prolapse P488

E. Malev, E. Zemtsovsky, E. Timofeev, A. Pshepiy, A. Korshunova, S. Reeve
(St. Petersburg, RU)

The NLRP3 inflammasome mediates myocardial ischemia-reperfusion injury P489

A. Yndestad, M. Bliksoen, O. Sandanger, L.E. Vinge, K.A. Fitzgerald, E. Lien, G. Valen,
P. Aukrust, T. Ranheim (Oslo, NO; Worcester, US)

Cardiac resynchronisation therapy / ICD

Major arrhythmic events among ICD patients with congestive heart failure of ischemic or non ischemic origin P490

L. Moretti, R. Marconi, P. Grossi, S. Silenzi (Ascoli Piceno, IT)

Instrumental and laboratory criteria for patients selection for cardiac resynchronization therapy P491

N. Yakush, D. Romanovskiy, A. Kurlianskaya, E. Atroshchenko, Y. Ostrovskiy (Minsk, BY)

Mortality rates and prognostic values with seattle heart failure model in patients who underwent cardiac resynchronization therapy P492

S. Amunts, D. Rinkuniene, S. Bucyte, J. Laukaitiene, A. Puodziukynas (Kaunas, LT)

The role of improvement of diastolic function in non responders to CRT P493

L. Cipolletta, S. Schiavon, M. Luzi, A. Capucci (Ancona, IT)

Development of atrial fibrillation in recipients of cardiac resynchronization therapy: the role of atrial reverse remodelling. P494

V. Marino, C. D'ascia, S. D'ascia, G. Santulli (Naples and Milan, IT; New York, US)

Reaching or exceeding 35% in left ventricular ejection fraction after one year of cardiac resynchronization therapy predicts long term positive outcome. P495

D. Pasqualucci, G. Foti, S. Vargiu, G. Masciocco, F. Turazza, C. Vittori, M. Lunati,
C. Campo, S. Bisetti, M. Frigerio (Milan, IT)

Do fragmented QRS complexes play any prognostic role in CRT patients? P496

L. Cipolletta, M. Oliva, M. Brambatti, M.V. Matassini, F. Guerra, M. Luzi, A. Capucci
(Ancona, IT)

Comparison of the reproducibility of left ventricular outflow tract velocity time integral (LVOT VTI) versus peak velocity (Vmax) as targets for optimisation of VV delay in CRT P497

P.A. Pabari, A. Kyriacou, M. Li Kam Wi, M. Moraldo, J. Mayet, A.D. Hughes, C.H. Manisty,
D.P. Francis (London, GB)

Cardiac resynchronization therapy (CRT): long-term follow-up of patients with severe heart failure P498

C. Prinz, R. Lehmann, C. Felice, E. Prinz, T. Bitter, J. Vogt, D. Horstkotte, L. Faber
(Bad Oeynhausen, DE)

Telemedicine & remote patient management

State of the art of Telemonitoring in Dutch heart failure clinics; not a success story yet P499

A.E. De Vries, T. Jaarma, M.H.L. Van Der Wal, R.M. De Jong, R.B. Van Dijk,
D.J. Van Veldhuisen, H.L. Hillege (Groningen, NL; Linköping, SE)

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The HeartCycle trial of a 3rd generation home telemonitoring system for patients with severe heart failure

P500

J.G.F. Cleland, P. Atkin, K. Slottje, M. Domingo, T. Mabote, X. Navarro, J. Caffarel, H. Reiter, A. Bayes-Genis, C. Zugck (Kingston Upon Hull, GB; Heidelberg, DE; Badalona and Madrid, ES; Eindhoven, NL)

Effect of therapeutic training and active outpatient management in patients with chronic heart failure (three year follow-up)

P501

N.A. Kosheleva, A.P. Rebrov (Saratov, RU)

Evaluation of the feasibility, efficacy and satisfaction of a telemonitoring and videoconference nurse intervention programme for patients with chronic heart failure: a pilot study

P502

G. Gonzalez Robledo, J. Comin-Colet, J.M. Verdu, C. Enjuanes, A. Torrens, P. Ruiz, A. Linas, R. Mendez, C. Ivern, J. Bruguera-Cortada (Barcelona, ES)

Devices

Characteristics of patients readmitted with heart failure after permanent ventricular pacing: a 5-year retrospective study on patients implanted in a tertiary center

P503

V. Odobasa, A.D. Margulescu, C. Siliste, D. Vinereanu (Bucharest, RO)

The role of prolonged mechanical support with counterpulsation in patients with idiopathic dilated cardiomyopathy and advanced stage heart failure

P504

J. Terrovitis, A. Ntalianis, E. Kaldara, J. Kanakakis, P. Siskas, M. Bonios, L. Katsaros, S. Vakrou, D. Kontogiannis, J. Nanas (Athens, GR)

Comparison of pulsatile versus non pulsatile ventricular assist devices, the Gothenburg experience

P505

N. Selimovic, G. Dellgren, U. Kjellman, H. Liden, B. Carlstrom, E. Isaksson (Gothenburg, SE)

Reversal of secondary pulmonary hypertension by continuous-flow left ventricular assist device. Evidence based on Sequential right heart catheterizations.

P506

E. Ammirati, F. Oliva, V. Guida, M. Cipriani, A. Garascia, A. Verde, F. Milazzo, C. Russo, L. Martinelli, M. Gergerio (Milan, IT)

Heart transplantation

Correlations of graft dysfunction after cardiac transplantation.

P507

I. Malek, M. Hegarova, L. Hoskova, M. Podzimkova, T. Gazdic, Z. Dorazilova, L. Voska, J. Pirk (Prague, CZ)

Study of necropsies of patients submitted to heart transplantation: NEHTS -Necropsy Heart Transplantation Study

P508

S.M. Ayub Ferreira, T.N. Valette, L.A. Benvenuti, V.S. Issa, F. Bacal, A. Fiorelli, P. Pomerantzeff, P.R. Chizzola, G.E.C. Sousa, E.A. Bocchi (Sao Paulo, BR)

Prophylactic implantable cardioverter-defibrillator treatment in patients with endstage heart failure listed for heart transplantation

P509

G.M. Froehlich, J.H. Holzmeister, M.H. Hubler, M.W. Wolfrum, S.H. Hubler, F.E. Enseleit, G.N. Noll, V.F. Falk, T.F.L. Luscher, F. Ruschitzka (Zurich, CH; Berlin, DE)

14:00 - 18:00

Poster Session

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Disease management programmes

Preference for symptom versus survival improvement among asian patients with heart failure P510

R. Chen, E. Lee, S. Aziz, P.T. Tan, Y.H. Seow, T.W. Lim, S.C. Seow, P. Chai, R. Wong, C. Lam (Singapore, SG)

Barriers of heart failure nurses and cardiologist in using computer decision support systems in the treatment of heart failure patients P511

A.E. De Vries, M.H.L. Van Der Wal, M.M.W. Nieuwenhuis, R.M. De Jong, R.B. Van Dijk, T. Jaarsma, H.L. Hillege, R.J. Jorna (Groningen, NL; Linköping, SE)

Clinical process maturity assessment for structured improvement of heart failure care - rationale and initial experience P512

M. Cholewa, S. Bankel, H. Graupner, O. Ekinci, P.H. Fischer (Erlangen, DE)

Drug therapy, other

Stimulation of endothelial progenitor cells by statins in chronic heart failure P513

N. Antonio, F. Saraiva, F. Soares, R. Fernandes, A. Paiva, L. Elvas, C. Fontes Ribeiro, L. Goncalves, L.A. Providencia (Coimbra, PT)

Efficacy and safety of ivabradine in acute heart failure P514

M. Satendra, L. Sargento, A.R. Victor, N. Lousada, R. Palma Reis (Lisbon, PT)

Ivabradine is an effective drug in reducing heart rate in acute heart failure by either acute coronary syndrome or acute decompensation of chronic heart failure P515

M. Satendra, L. Sargento, A.R. Victor, N. Lousada, R. Palma Reis (Lisbon, PT)

Experience with levosimendan without loading dose in patients with refractory, advanced chronic heart failure admitted to a cardiology ward. 6-month follow-up P516

R. Mendez, M. Rizzo, J. Comin-Colet, S. Ruiz, A. Torrens, C. Enjuanes, S. Luque, J. Bruguera (Barcelona, ES)

Effects purine (adenosine) receptors activator in women with heart failure and climacteric syndrome P517

I. Knyazkova, A. Bilovol, V. Kozlovskiy (Kharkov, UA)

Haemodynamics/Coronary and peripheral circulation

Correlation between central hemodynamics parameters and angiotensin-converting enzyme (ACE) gene polymorphism in patients with ischemic heart disease (IHD) P518

V.I. Tseluyko, Y.O. Peremot, L.N. Yakovleva, K.Y. Kinoshenko, S.D. Peremot (Kharkiv, UA)

Evaluation of pulmonary arterial Elastance in patients with systolic heart failure using doppler echocardiography P519

S. Taghavi, M. Esmailzadeh, A. Amin, N. Naderi, H. Bakhshandeh Abkenar (Tehran, IR)

Non invasive measurements of Cardiac Output (CO) and Cardiac Power Index (CPI) by whole body bio impedance in patients with heart failure. A report from SICA- HF study (FP7/2007-2013/241558) P520

P. Pellicori, E. Wright, P. Costanzo, S. Smith, S. Rimmer, J. Hobkirk, A. Torabi, T. Mabote, J. Warden, J.G.F. Cleland (Hull, GB)

Relationship between slow TIMI 3 flow, NT-proBNP levels and lesion complexity in patients with acute coronary syndrome treated with primary PCI P521

M. Stachura, P.J. Kwasiborski, G.J. Horszczaruk, A. Cwetsch (Warsaw, PL)

14:00 - 18:00

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Poster Area

The utilization of coronary angiography in the diagnosis of systolic heart failure P522

P. Rubis, J. Stepniewski, M. Kostkiewicz, A. Lesniak-Sobelga, M. Szuksztul, M. Olszowska, P. Podolec (Krakow, PL)

Osler-Weber-Rendu syndrome: the challenging approach to antithrombotic therapy P523

I. Rangel, C. Sousa, S. Oliveira, A. Lebreiro, A. Sousa, A.S. Correia, M. Paiva, V. Ribeiro, F. Melao, M.J. Maciel (Porto, PT)

Hormones / Neurohumoral regulation

Hormone replacement therapy with thyroxin in chronic heart failure patients with euthyroid sick syndrome P524

I. Shatynska-Mytsyk, O. Makar, Y.U. Mytsyk, G. Tshngryan, M. Harbar (Lviv, UA)

IGF-1 / BP3 ratio but not total serum IGF-1 is increased in chronic heart failure P525

M. Arcopinto, D. Sirico, E. Bobbio, J. Isgaard, E. Bossone, M. Volterrani, O. Vriz, G. Limongelli, E. Spina, A. Cittadini (Naples, Cava de' Tirreni, Rome and San Daniele del Friuli, IT; Mora and Gothenburg, SE)

Metabolism / Diabetes mellitus

Insufficient HO1-response to ischemic stress correlates with increased inflammation and reduced EPC survival in diabetic patients P526

Y. Issan, E. Hochhauser, R. Kornowski, D. Leshem-Lev, E. Lev, L. Vanella, N. Puri, M. Laniado-Schwartzman, N. Abraham, E. Porat (Petah Tikva, IL; Toledo and Valhalla, US)

The effect of prolonged creatine deficiency on cardiac energy homeostasis in guanidinoacetate-N-methyltransferase (GAMT) knockout mice P527

D. Aksentijevic, S. Zervou, K. Faller, D. Medway, L. Sebag-Montefiore, C.A. Lygate, S. Neubauer (Oxford, GB)

Heart failure imaging

The value of left ventricular tridimensional global longitudinal strain in the early detection of anthracycline-mediated cardiotoxicity P528

C. Mornos, M. Valcovici, R. Dan, A. Mornos, D. Cozma, A. Ionac, S. Pescariu (Timisoara, RO)

Prognostic value of impaired contractile reserve in predicting outcome in patients with asymptomatic moderate or severe aortic stenosis and preserved ejection fraction P529

M. Banovic, B. Vujisic-Tesic, M. Petrovic, S. Bojic, D. Trifunovic, I. Nedeljkovic, S. Aleksandric, P. Seferovic (Belgrade, RS)

Echocardiographic assessment of systolic right ventricular function in patients with electrocardiographically defined acute right ventricular infarction P530

V.A. Valentina Andova, E.S. Elizabeta Srbinovska-Kostovaska, L.J.G.I. Ljubica Georgievska-Ismail (Skopje, MK)

Impact of left atrial remodeling in the prognosis of patients undergoing cardiac resynchronization therapy P531

F.C. Soares, N. Moreira, N. Antonio, R. Teixeira, F. Saraiva, L. Elvas, R. Martins, A. Oliveira, L. Goncalves, L.A. Providencia (Coimbra, PT)

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Echocardiographic parameters of heart failure in the patients with rheumatic mitral stenosis and arterial hypertension	M.A. Orynychak, O.Y. Paliy (Ivano-Frankivsk, UA)	P532
Echocardiographic data of patients with pulmonary embolism and right heart thrombi	T. Hugues, K. Yaici, N. Saoudi, P. Gibelin (Monaco, MC; Nice, FR)	P533
Diffuse myocardial fibrosis by post-contrast T1-time is closely related to the degree of heart failure	B.A. Marzluf, D. Bonderman, S. Pfaffenberger, E. Ringelspacher, M. Huelsmann, C. Loewe, I.M. Lang, G. Maurer, R. Pacher, J. Mascherbauer (Vienna, AT)	P534
Diabetes is associated with higher cardiac sympathetic denervation in patients with left ventricle dysfunction independently from heart failure status	P. Gargiulo, G. Rengo, G. Pagano, T. Pellegrino, D. Liccario, G. Femminella, C. De Lucia, D. Leosco, A. Cuocolo, P. Perrone Filardi (Naples, IT)	P535
Echocardiographic assessment of jugular vein distensibility in patients with heart failure. Clinical correlates. A report from SICA- HF study (FP7/2007-2013/241558 and FTP/RDST Russia 2007-2012)	P. Pellicori, A. Bennet, P. Costanzo, H. Al-Chamali, E. Wright, S. Smith, J. Zhang, A. Clark, J. Warden, J.G.F. Cleland (Hull, GB)	P536
Electromechanical time delay of right ventricle in patients with heart failure	F.Q. Huang, T.T. Le, L. Zhong, R.S. Tan (Singapore, SG)	P537
Catastrophic mitral prosthesis dehiscence by three-dimensional transesophageal echocardiography	A.O. Ciobanu, S.C. Griffin, S. Bennett, J.G. Cleland, D. Vinereanu (Bucharest, RO; Hull, GB)	P538
Biomarkers		
Regional circulatory plasma concentrations of novel bio-markers	R. Nicholls, D. Ahmed, K.M. Goode, A.L. Clark, J.G.F. Cleland (Kingston Upon Hull, GB)	P539
Myocardial remodelling biomarkers in new onset heart failure and their correlation with diastolic function	R. Andrea, C. Falces, L. Sanchis, M. Morales, M. Sitges, M. Heras, F. Perez-Villa, M. Sabate, J. Brugada (Barcelona, ES)	P540
State of cellular immunity in patients with dilated cardiomyopathy	N.A. Kurbanov, T.A. Abdullaev, S.S. Davirova (Tashkent, UZ)	P541
Serum uric acid and n-terminal pro-brain natriuretic peptide levels as heart failure markers in thyroid diseases	C. Dima Cozma, F. Mitu, C. Dascalu (Iasi, RO)	P542
New and emerging biomarkers of heart failure: can we name them cardiorenal biomarkers?	M. Chit Sazan, A. Amin, M. Chit Sazan (Tehran, IR.N.terminal pro-B-type natriuretic Peptide level is useful to predict early left ventricular hypertrophy regression after aortic valve replacement in patients with severe aortic stenosis	P543
	E.-S. Jeon, M.R. Lee, J.O. Choi, P.W. Park, D.J. Choi, M.C. Cho (Seoul and Cheongju, KR)	P544

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Poster Session

Poster Area

- Clinical and prognostic value of baroreflex sensitivity assessed by a novel, simple method in heart failure patients.** P545
G. Mirizzi, F. Bramanti, M. Varanini, L. Pastormerlo, A. Giannoni, G. Vergaro, L. Bernardi, M. Emdin, C. Passino (Pisa and Pavia, IT)
- Utility of BNP as a prognosis marker in overweight heart failure patients** P546
M. Casal Moura, M. Amorim, M. Carvalho, R. Pimentel, O. Laszczynska, J. Pimenta, J.P. Araujo, M. Alvelos, F. Frioies, P. Bettencourt (Porto, PT)
- In very elderly patients with suspected acute coronary syndrome heart failure is correlated with mild increase of cardiac troponin** P547
N. Despotovic, P. Erceg, D.P. Milosevic, M. Nikolic-Despotovic, G. Loncar, N. Sekularac (Belgrade, RS)
- Uric acid as a predictive biomarker of 30-day outcomes after acute myocardial infarction: a retrospective cohort study** P548
Z. Madzar, Z. Cubranic, S. Matijevic, V. Tomulic, S. Dvornik, M. Zuvic Butorac, L. Zaputovic (Rijeka, HR)
- The prognostic value of cystatine C in patients with acute heart failure** P549
S. Hamdi, M. Mosrati, M. Chakroun, W. Jomaa, K. Ben Hamda, F. Maatouk (Monastir, TN)
- Role of BNP in determining the cause of heart failure** P550
S. Petrovic-Nagorni, S. Ciric Zdravkovic, D. Stanojevic, V. Mitic, V. Atanaskovic, T. Stanojlovic, E. Dimitrijevic, V. Stojanovic (Nis, RS)
- 30-day post discharge BNP levels predict subsequent cardiac events and hospitalizations: a sub-analysis of the Italian RED study** P551
R. Marino, L. Magrini, G. Zampini, V. Russo, I. Lalle, A. Autunno, A. Maisel, P. Clopton, S. Di Somma (Rome, IT; San Diego, US)
- Impact of MR-proADM at changes of physical function after 1-year follow-up in patients with and without diastolic dysfunction and diastolic heart failure** P552
A. Duvinage, C. Disque, R. Stahrenberg, H.-D. Duengen, G. Hasenfuss, B. Pieske, R. Wachter, C. Herrmann-Lingen, F. Edelmann (Göttingen and Berlin, DE; Graz, AT)
- Serum NT-proBNP II is unreliable for screening for heart failure of the breathless patient in atrial fibrillation** P553
A.O. Molajo, P. Davies, J. Spicer, S. Gillespie (Wigan, GB)
- The role of BIPAP ventilation on NT-pro-BNP and free fatty acids in heart failure patients with OSA** P554
R.C.H. Cherneva, D.P. Petrova, O.G. Georgiev, A.D. Cakova, Z.C.H. Cherneva, V.M. Mitev (Sofia, BG)
- Inflammatory cytokines in chronic heart failure** P555
S.H. Nymo, T. Ueland, J. Hulthe, J. Wikstrand, P. Aukrust, A. Yndestad, L. Gullestad (Oslo, NO; Gothenburg, SE)
- Is serum uric acid level an independent predictor of heart failure among patients with coronary artery disease?** P556
A. Eisen, M. Benderly, U. Goldbourt, M. Haim (Petah Tikva, Tel Hashomer and Tel Aviv, IL)
- Cytokine level changes associated with heart failure in patients with ST elevation myocardial infarction after coronary stenting** P557
S.A. Berns, E.A. Shmidt, D.S. Zyкова, E.S. Yuhno, O.V. Chuvichkina, O.L. Barbarash (Kemerovo, RU)

14:00 - 18:00

Poster Session

Poster Area

Nursing

Barriers and facilitators of implementation of a structured home care model in patients with heart failure

P558

A. Stromberg, L. Nasstrom, T. Jaarsma (Linköping, SE)

Population studies / Epidemiology

Long-term outcome of out-patients with suspected heart failure referred for specialist care P559

J.G.F. Cleland, J. Zhang, P. Pellicori, N. Shah, L. Buga, F. Khan, A. Yassin, K. Wong, A.L. Clark, K.M. Goode (Kingston Upon Hull, GB)

Acute heart failure patients with reduced versus preserved ejection fraction:

A sub-study of the Heart Function Assessment Registry Trial in Saudi Arabia (HEARTS)

P560

A. Elasfar, K. Alhabib, T. Kashour, K. Alnemer, G. Hussein, L. Mimish, A. Almasood, W. Alhabeed, S. Alghamdy, M. Alsharari (Riyadh, Tabuk, Jeddah and Medina, SA)

The impact of gender on the treatment of chronic systolic heart failure in clinical practice - results of VIDA-IC

P561

M. Anguita, J. Comin-Colet, F. Formiga, L. Almenar, M. Crespo-Leiro, L. Manzano, J. Chaves, T. De Frutos (Cordoba, Barcelona, Valencia, A Coruña and Madrid, ES)

Veritable prevalence of chronic heart failure in European part of Russian Federation (epidemiological study).

P562

I. Fomin, Y.N. Belenkov, V.Y. Mareev, F.T. Ageev, E.G. Artemyeva, E.I. Tarlovskaya, S.S. Yakushin, E.V. Shcherbinina, Y.V. Badin, D.S. Polyakov (Nizhny Novgorod, Moscow, Cheboksary, Kirov and Ryazan, RU)

Young vs adults heart failure, are there real differences?

P563

C. Jimenez Rubio, J. Cano Nieto, A. Romero Gomez, B. Perez Villardon,

A.M. Garcia Bellon, A.M. Gonzalez Gonzalez, J.L. Delgado Prieto, J.M. Perez Ruiz, M. De Mora Martin (Ceuta and Malaga, ES)

Mortality from the heart failure at the Clinic for Internal diseases in the years 2008 and 2009

P564

I. Iveljic, M. Isabegovic, F. Barakovic, M. Tabakovic, Z. Kusjugic, L. Dizdarevic-Hudic (Tuzla, BA)

Psychosocial / Ethical concepts / Education

Secondary care doctors' understanding of evidence-based treatment for heart failure.

P565

R. Dobson, S. Meneely, J. Ball (Prescot, GB)

Heart rate is a key determinant of health-related quality of life in real-world non-selected patients with chronic heart failure

P566

A. Torrens Oses, C. Enjuanes Grau, J. Comin Colet, G. Gonzalez, M. Cladellas, J.M. Verdu, P. Ruiz, J. Brugera Cortada (Barcelona, ES)

Treatment with enhanced external counterpulsation improves cognitive functions in chronic heart failure patients

P567

G. Kozdag, P. Iseri, G. Gokce, G. Ertas, F. Aygun, A. Kutlu, K. Hebert, D. Ural (Kocaeli, Istanbul and Tokat, TR; Miami, US)

14:00 - 18:00

Poster Session

Poster Area

Exercise testing & training

Haemodynamic determinants of exercise intolerance in men with heart failure P568

B. Krakowiak, W. Banasiak, P. Ponikowski, E.A. Jankowska (Wrocław, PL)

Increase in oxygen consumption during early recovery: a new prognostic marker in cardiopulmonary exercise testing in patients with chronic heart failure? P569

J. Verheyen, P.J. Beckers, C. De Maeyer, V.M. Conraads (Antwerp, BE)

Prognosis

Influence in mortality of long-standing right ventricular pacing according to left ventricular ejection fraction, in patients admitted for acute heart failure P570

M.T. Izquierdo De Francisco, J. Nunez, P. Palau, G. Minana, P. Merlos, C. Bonanad, B. Mascarell, A. Ferrero, J. Sanchis, R. Ruiz Granell (Valencia, ES)

What is the prognostic role of the cardiopulmonary exercise test in female patients with chronic heart failure? P571

A.B. Scardovi, R.D.M. De Maria, A. Ferraironi, C.C. Coletta, M.P. Parolini, T.D.G. Di Giacomo, R.R. Ricci (Rome and Milan, IT)

What is the best cut-off of the left ventricular ejection fraction to predict cardiovascular events in the medium term in patients presenting with ST-segment elevation acute coronary syndrome? P572

N. Marques, O. Azevedo, J. Mimoso, I. Jesus (Faro and Guimaraes, PT)

A new tissue Doppler parameter in predicting future development of cardiac events in patients with non-revascularized coronary artery disease P573

C. Mornos, R. Dan, D. Dragulescu, D. Cozma, S. Pescariu, A. Ionac (Timisoara, RO)

Tricuspid regurgitation in a heart failure cohort: risk factors and prognostic implications P574

R. Dierckx, S. Verstreken, M. Goethals, M. De Proft, C. Keppens, E. Boel,

M. Vanderheyden (Aalst, BE) P575

Heart failure and mild changes in renal function P575

H. Martins, F. Saraiva, S. Costa, F. Franco, P. Monteiro, L.A. Providencia (Coimbra, PT)

Correlation between waist circumference and hip circumference in patients with non-ST elevation acute coronary syndrome P576

S. Ribeiro, A. Gaspar, C. Vieira, V. Ramos, C. Braga, P. Azevedo, M.A. Pereira, A. Correia (Braga, PT)

Clinical and neurohormonal predictors of adverse prognosis in adult patients with congenital heart disease. P577

A. Frogoudaki, K. Andreou, J. Parissis, M. Nikolaou, J. Rizos, J. Paraskevaidis, G. Filippatos, M. Anastasiou-Nana (Athens, GR)

Predictors of outcome in chronic heart failure outpatients P578

M. Triggiani, S. Nodari, A. Manerba, G. Milesi, N. Berlinghieri, E. Rocco, L. Lupi, C. Maiandi, C. Ciccarese, L. Dei Cas (Brescia, IT)

Statins in heart failure: prognostic value? P579

M.S. Carvalho, G. Cardoso, A. Ventosa, C. Aguiar, F. Costa, M. Trabulo, J. Ferreira, M. Mendes (Carnaxide, PT)

14:00 - 18:00

Poster Session

Poster Area

Pathophysiology

Proteomic profiling reveals differentially expressed left atrial proteins in a model of tachycardia-induced heart failure P580

C. Birner, A. Dietl, S. Hierl, R. Deutzmann, G. Riegger, A. Luchner (Regensburg, DE)

Platelets aggregation, coagulation and red blood cell distribution width in heart failure: aging aspects P581

L. Malinova, N. Furman, P. Dolotovskaya, L. Akhmadullina, N. Puchinyan, T. Denisova (Saratov, RU)

Pulmonary hypertension

Prognostic value of pulmonary arterial hypertension in patients with acute heart failure P582

P. Merlos, J. Nunez, G. Minana, P. Palau, J. Sanchis, B. Mascarell, E. Santas, L. Bondanza, V. Bodi, J. Chorro (Valencia, ES)

Serum ST2 levels in patients with pulmonary arterial hypertension and their relationship with right ventricular structure and function P583

G. Carlomagno, G. Messalli, V. Mercurio, V. Fazio, A.A. Stanziola, R.M. Melillo, M. Imbriaco, C. Visciano, M. Sofia, S. Fazio (Naples, IT)

Effects of tezoseptan in chronic pulmonary hypertension P584

J.P. Oliveira-Pinto, F. Vasques-Novoa, D. Dulce Fontoura, A.P. Lourenco, A.F. Leite-Moreira (Porto, PT)

Conventional and specific pulmonary arterial hypertension therapy prior to the pulmonary hypertension center referral in the northern-west region of Russia P585

N.S. Goncharova, A.V. Kazimli, A.V. Najmushin, O.M. Moiseeva (St. Petersburg, RU)

Prospective study of mechanisms and predictive biomarkers of functional capacity in pulmonary arterial hypertension P586

J. Silva Marques, S.R. Martins, R. Placido, C. Jorge, C. Calisto, S. Goncalves, S. Ribeiro, J. Carvalho De Sousa, A.G. Almeida, A. Nunes Diogo (Lisbon, PT)

Characterization of pulmonary hypertension and associations in Argentina: Results of HINPULSAR Registry P587

D. Echazarreta, M.L. Coronel, E.R. Perna, R. Colque, G. Cursack, C. Nunez,

L. Lobo Marquez, A. Guerrero, J. Alvarez, P. Acevedo (Corrientes, AR)

Right ventricular function

Four-dimensional echocardiographic assessment of right ventricular remodeling in systemic hypertension P588

A. Sijvic, V. Celic, B. Pencic, A. Majstorovic, M. Tadic, J. Suzic, S. Backovic, I. Ilic, B. Stojcevski (Belgrade, RS)

Right heart echoaparameters with impact on the prognosis in severe CHF P589

H. Schroetter, D.S. Stolte, L. Schmiedel, R.C. Braun-Dullaeus, R.H. Strasser, A. Schmeisser (Dresden and Magdeburg, DE)

Left ventricular function

The impact of age and physical activity level on left ventricular structure, systolic function and metabolism in women P590

D. Jakovljevic, L. Papakonstantinou, R. Taylor, G. Macgowan, M. Trenell (Newcastle upon Tyne, GB)

14:00 - 18:00

Poster Session

Poster Area

- Left ventricle diastolic function in patients with metabolic syndrome treated with atorvastatin P591
M. Susan, R.M. Susan, M. Muntean, C. Tudor, D. Lighezan (Timisoara, RO)
- Q-waves at admission and remodeling of left myocardial ventricle in patients with STEMI treated with primary PCI P592
S. Obradovic, B. Dzudovic, S. Vukotic, I. Djuric, S. Rafajlovski, B. Gligic (Belgrade, RS)
- Left ventricular diastolic function in postmenopausal women P593
N. Lareva, A. Govorin (Chita, RU)
- Difference in statins actions on MPI in patients with acute myocardial infarction with an elevation of the ST segment P594
M.O. Harbar, H.V. Svitlyk, A.Y. Bazylevych, G.V. Tchngryan, I.S. Shatynska-Mytsky, O.R. Makar (Lviv, UA)

HFpEF - Heart failure with preserved ejection fraction

- Matrix Metalloproteinase-1 is differently regulated in patients with heart failure and normal EF compared to reduced EF: a trigger for cardiac dilation P595
D. Westermann, D. Lindner, H.P. Schultheiss, C. Tschoepe (Berlin, DE)
- Prognosis and characteristics of acute heart failure patients with preserved ejection fraction P596
I. Varga, P. Lesny, B. Liska, P. Solik, M. Luknar, S. Babej, E. Goncalvesova (Bratislava, SK)
- Diminished seasonal variation in incidence of heart failure with preserved ejection fraction in a community-based study P597
M. Honma, F. Tanaka, T. Onoda, T. Sakai, O. Nishiyama, M. Onodera, K. Sakata, M. Nakamura (Morioka, JP)
- Diastolic dysfunction in patients with coronary heart disease in population-based study in one of the mountain region of Azerbaijan P598
N.R. Ismayilova (Baku, AZ)

Animal models and experimentation

- Metformin prevents the development of chronic heart failure in the SHHF rat model P599
A.M. Marra, A. Salzano, R. Napoli, M.G. Monti, D. Celentani, G. Aimaretti, J. Isgaard, E. Bossone, L. Sacca', A. Cittadini (Naples and Novara, IT; Gothenburg, SE)
- The levels of aldosterone, TGF-beta 1, and mineralocorticoid receptor during development of experimentally-induced heart failure P600
M. Zacharski, L. Kiczak, A. Tomaszek, J. Bania, I. Rybinska, U. Paslawska, A. Janiszewski, A. Noszczyk-Nowak, P. Ponikowski, E.A. Jankowska (Wroclaw, PL)
- Influence of Apelin-12 on the contractile heart function of rats with isoproterenol-induced cardiac failure P601
S.V. Lakomkin, E.V. Lukoshkova, V.V. Ermishkin, V.L. Lakomkin, A.A. Abramov, V.V. Gramovich, O.N. Vyborov, Z.D. Bepalova, S.N. Tereschenko, V.I. Kapelko (Moscow, RU)
- Protective effects of losartan on adriamycin-induced cardiotoxicity in spontaneously hypertensive rats P602
N. Mihailovic-Stanojevic, D.J. Jovovic, Z. Miloradovic, J. Grujic Milanovic, S. Milanovic, D. Mitrovic, V. Kanjuh, J. Markovic-Lipkovski (Belgrade, RS)

14:00 - 18:00

Poster Session

Poster Area

Cellular biology

Nucleoplasmic [Ca] transients in moderate and severe heart failure P603

S. Ljubojevic, S. Sedej, M. Sacherer, J. Kockskaemper, B. Pieske (Graz, AT; Marburg, DE)

Cardiac aquaporin-4: unexpected role in osmotic challenge? P604

A. Rutkovskiy, M. Olovyanikova, M.-C. Perreault, G. Valen, J. Vaage (Oslo, NO)

Early hypertension-induced alterations of nuclear Ca signalling in ventricular myocytes P605

J. Plackic, F. Pluteanu, J. Kockskaemper (Marburg, DE)

Ischemia / Reperfusion / Reconditioning / Postconditioning

HDL/Spingosine-1-phosphate-induced cardioprotection via the SAFE pathway and the mitochondria P606

S. Pedretti, D. Hacking, M.A. Frias, R.W. James, S. Lecour (Cape Town, ZA; Geneva, CH)

Serum apelin-12 concentration in patients with acute coronary syndrome P607

D. Khatri, O. Pisarenko, S. Tereshchenko, V. Masenko (Moscow, RU)

Bax and Bak are required For mitochondrial permeability transition pore-dependent programmed cellular necrosis P608

J. Karch, J.Q. Kwong, A.R. Burr, M.A. Sargent, J.W. Elrod, P.M. Peixoto,

S. Martinez-Caballero, J. Robbins, K.W. Kinnally, J.D. Molkentin (Cincinnati and New York, US)

Farnesol treatment decreases infarct size in rat hearts: role of the mevalonate pathway P609

G. Szucs, Z. Murlasits, S. Torok, G.F. Kocsis, T. Csont, C. Csonka, P. Ferdinandy (Szeged, HU)

Development and screening of matrix metalloproteinase inhibitors against ischemia reperfusion injury P610

K. Kupai, A. Gorbe, Z.V. Varga, J. Paloczi, R. Gaspar, L. Kovacs, S. Cseh, C.S. Csonka,

T. Csont, P. Ferdinandy (Szeged and Budapest, HU)

Mouse embryonic stem cell-derived cardiomyocyte-based screening platform for cytoprotective molecules against ischemia/reoxygenation injury: cytoprotection by the NO-donor SNAP P611

A. Gorbe, Z.V. Varga, J. Paloczi, S. Rungarunlert, N. Klincumhom, M.K. Pirty,

T. Eschenhagen, A. Dinnyes, T. Csont, P. Ferdinandy (Szeged and Gödöllo, HU; Hamburg, DE)

Prior ischaemic episodes and preconditioning in patients with acute coronary syndrome P612

S. Ribeiro, A. Gaspar, C. Vieira, S. Nabais, S. Rocha, P. Azevedo, M.A. Pereira, A. Correia (Braga, PT)

Molecular biology / Genetics

Statins activate AMPK and preserve LV systolic and diastolic function in a mouse model of metabolic syndrome through anti-fibrotic effects associated rather than direct effects on cardiomyocytes P613

N.H. Hermida, A.M. Markl, J.L. Hamelet, P.H. Herijgers, S.H. Horman, G.N. Noppe, C.B. Beauloye, M.V. Van Bilsen, C.D. Dessy, J.L.B. Balligand (Brussels and Leuven, BE; Maastricht, NL)

14:00 - 18:00

Poster Session

Poster Area

Allelic distribution of aldosterone-syntase receptor in a congestive heart failure Caucasian population.

P614

M. Feola, F. Mussapi, N. Crosetto, D. Vivenza, C. Lo Nigro, A. Vado (Fossano and Cuneo, IT; Cambridge, US)

Frequency of T(-786)C and G(894)T endothelial nitric oxide synthase gene polymorphisms and endothelial-dependent vasodilation in chronic heart failure

P615

L.G. Voronkov, N.G. Gorovenko, I.D. Mazur, I.A. Shkurat (Kyiv, UA)

Alteration of SERCA2a level in cardiomyocytes at postinfarction cardiosclerosis combined with diabetes mellitus

P616

D. Kondrat'eva, S.A. Afanasiev, A.Y. Shamanaev (Tomsk, RU)

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HANDS-ON TUTORIAL MONDAY 10:00 - 16:15

Hands-On Tutorial sponsored by ResMed Inc.

Hands-On Tutorial Room

10:00 - 10:45 **Practical aspects of sleep apnea screening and treatment in heart failure patients**

Teacher:
J. Kolzenburg (Martinsried, DE)

12:30 - 13:15 **Practical aspects of sleep apnea screening and treatment in heart failure patients**

Teacher:
J. Kolzenburg (Martinsried, DE)

15:30 - 16:15 **Practical aspects of sleep apnea screening and treatment in heart failure patients**

Teacher:
J. Kolzenburg (Martinsried, DE)

Overall session objectives:

Provide attendees with an overview of the practical aspects of sleep apnea screening and treatment in heart failure patients:

- Why and whom to screen?
- How to perform screening and to integrate it into daily practice?
- Practical aspects of treatment and adherence
- Case examples of sleep apnea screening and treatment in heart failure

08:30 - 10:00

Main Session

Belgrade

When drugs fail - Surgical option.

A joint session with China

Chairpersons: S.D. Anker (Berlin, DE); S. Hu (Beijing, CN)

**Joint with
CHINA**

Treatment of heart failure - Integrating pharmacology and technology

- | | | |
|-------|---|-----|
| 08:30 | From assist devices to heart transplantation – state of the art 2012 Europe. | 617 |
| | A. Pitsis (Thessaloniki, GR) | |
| 08:52 | Surgical options for the patients failed to drugs: the experience in China. | 618 |
| | S. Hu (Beijing, CN) | |
| 09:15 | Is Ecmo an optimal choice for temporary circulatory support? | 619 |
| | Z. Zhe (Beijing, CN) | |
| 09:37 | Overview on other surgical options including ventricular reshaping - Europe. | 620 |
| | To be announced | |

08:30 - 10:00

Local Session

Novi Sad

Novine u lečenju srčane insuficijencije.

Chairpersons: M. Pavlovic (Nis, RS); E. Raljevic (Sarajevo, BA)

- | | | |
|-------|---|-----|
| 08:30 | Akutna srčana insuficijencija: savremeni terapijski pristup. | 621 |
| | V. Mitrovic (Bad Nauheim, DE) | |
| 08:52 | Savremena medikamentozna terapija hronične srčane insuficijencije. | 622 |
| | D. Milicic (Zagreb, HR) | |
| 09:15 | Nekoronarne perkutane intervencije u lečenju srčane insuficijencije. | 623 |
| | S. Kedev (Škopje, MK) | |
| 09:37 | Značaj kardiohirurgije u lečenju srčane insuficijencije kada nije dostupna transplantacija srca: indikacije, tehnike, dugoročni rezultati. | 624 |
| | N. Radovanovic (Belgrade, RS) | |

08:30 - 10:00

Symposium

Nis

The added value of biomarkers in heart failure.

Chairpersons: W.F. Peacock (Cleveland, US); S. Von Haehling (Berlin, DE)

Treatment of heart failure - Integrating pharmacology and technology

08:30	Application of new biomarkers in daily practice: what evidence is needed?	625
	A.W. Hoes (Utrecht, NL)	
08:48	Pitfalls in use of biomarkers in heart failure.	626
	A.A. Voors (Groningen, NL)	
09:06	Natriuretic peptides: how to use them?	627
	A. Maisel (Solana Beach, US)	
09:24	Biomarkers guided therapy: targeting iron.	628
	W. Doehner (Berlin, DE)	
09:42	Recent additions to the biomarker portfolio.	629
	G.S. Filippatos (Athens, GR)	

08:30 - 10:00

HFA Focus session

Sombor

Arrhythmias - HFA Focus.

Case based interactive session

Chairpersons: K. Dickstein (Stavanger, NO); F. Ruschitzka (Zurich, CH)

Panel: F. Braunschweig (Stockholm, SE); C. Tschoepe (Berlin, DE);

A. Keren (Jerusalem, IL)

Education and Guidelines

	Atrial fibrillation and heart failure.	630
	R. Dabrowski (Warsaw, PL)	
	Elderly patient with MV3-Block LV-produced heart failure.	631
	M. Volterrani (Rome, IT)	
	ICD patient with repeated inappropriate and appropriate shocks.	632
	J. Holzmeister (Zurich, CH)	

08:30 - 10:00

Symposium

Pancevo

Integrative physiology and systems biology for clinicians.

Chairpersons: M. Mayr (London, GB); J.L. Balligand (Brussels, BE)

Basic Science

08:30	Introduction for clinicians.	633
	L. Neyses (Manchester, GB)	
08:52	Systems biological strategies in cardiovascular disease.	634
	M. Oresic (Espoo, FI)	
09:15	Clinical proteomics in cardiovascular disease.	635
	F. Pinet (Lille, FR)	
09:37	Clinical metabolomics of LV remodelling.	636
	M. Mamas (Manchester, GB)	

08:30 - 10:00

Symposium

Subotica

Myocardial regeneration: what cell sources to use?

Chairpersons: T. Eschenhagen (Hamburg, DE); R.J. Hajjar (New York, US)

Basic Science

08:30	Embryonic and gonadal stem cells: where are we in 2012?	638
	W.-H. Zimmermann (Göttingen, DE)	
08:52	IPS cells: potential and pitfalls.	639
	S.E. Harding (London, GB)	
09:15	Myocardial regeneration: do we need cells or the factors that they produce?	640
	K.C. Wollert (Hannover, DE)	
09:37	Clinical perspective of adult bone marrow cell therapy.	641
	S. Janssens (Leuven, BE)	

08:30 - 10:00

Young Investigators Awards Abstracts

Piotr

Young investigator award for clinical research.**Chairperson: V. Mareev (Moscow, RU)****Judges: A. Mebazaa (Paris, FR); P. Seferovic (Belgrade, RS); E.A. Jankowska (Wroclaw, PL)**

- 08:30 **Heart Failure with normal Ejection Fraction (HF_{NEF}): is global longitudinal strain helpful?** 642
P. Pellicori, V. Carubelli, A. Bennet, P. Costanzo, T. Castiello, O. Khaleva, K. Wong, J. Zhang, A. Clark, J. Cleland (Hull, GB)
- 08:45 **Effective renal plasma flow is the primary determinant of renal function decline in chronic heart failure patients - a prospective observational study.** 643
N.F. Schrotten, K. Damman, T.D. Smilde, A.A. Voors, D.J. Van Veldhuisen, H.L. Hillege (Groningen and Emmen, NL)
- 09:00 **Secreted frizzled related protein 3 predicts outcomes in chronic heart failure: a controlled rosuvastatin multinational trial in heart failure (CORONA) substudy** 644
E.T. Askevold, L. Gullestad, S. Nymo, A.E. Michelsen, A. Yndestad, J. Kjekshus, J.J.V. McMurray, P. Aukrust, T. Ueland (Oslo, NO; Glasgow, GB)
- 09:15 **New heart failure biomarkers revealed by capillary electrophoresis coupled to mass spectroscopy** 645
C. Delmas, M. Galinier, M. Berry, A. Turkieh, H. Mischak, F. Desmoulin, F. Smih, P. Rouet (Toulouse, FR; Glasgow, GB)
- 09:30 **Chronic obstructive pulmonary disease does not affect in-hospital mortality in acute heart failure** 646
C. Andreoli, J. Parissis, I. Ikonomidis, P. Rafouli-Stergiou, G. Ambrosio, A. Mebazaa, J. Delgado, G. Filippatos, M. Anastasiou-Nana, F. Follath (Perugia, IT; Athens, GR; Paris, FR; Madrid, ES; Zurich, CH)
- 09:45 **Improvement in coronary blood flow velocity with acute biventricular pacing is predominantly due to an increase in a diastolic backward-travelling decompression (suction) wave** 647
A. Kyriacou, Z.I. Whinnett, S. Sen, P.A. Pabari, I. Wright, P. Kanagaratnam, J. Mayet, A. Hughes, J.E. Davies, D.P. Francis (London, GB)

10:00 - 11:00

Special Session

Sombor

HFA General Assembly

During this meeting, essential information on Association day-to-day affairs will be presented by the Board.

You will also find out more about the 2012-2014 constitution of the Committee.

Visit the Exhibition - Coffee Break in the Exhibition Area
Morning Poster Session: Poster Viewing 08:30 - 12:30
& Moderated Posters Session 10:00 - 11:00 See Page 100

11:00 - 12:30

Main Session

Belgrade

Controversies in cardiac resynchronisation therapy.

Chairperson: K. Dickstein (Stavanger, NO)

Devices and technology for heart failure

- | | | |
|-------|--|-----|
| 11:00 | Atrial fibrillation. | 648 |
| | A. Auricchio (Lugano, CH) | |
| 11:18 | Non left bundle branch block. | 649 |
| | C. Stellbrink (Bielefeld, DE) | |
| 11:36 | When to upgrade a conventional pacemaker. | 650 |
| | C. Linde (Stockholm, SE) | |
| 11:54 | Narrow QRS. | 651 |
| | F. Ruschitzka (Zurich, CH) | |
| 12:12 | Left ventricular ejection fraction >35%. | 652 |
| | To be announced | |

11:00 - 12:30

Local Session

Novi Sad

Neurohumoralna blokada u lečenju srčane insuficijencije: sartani i blokatori beta receptora u fokusu.

Supported by Hemofarm-Stada in the form of an unrestricted educational grant

Chairpersons: M. Dilic (Sarajevo, BA); G. Milasinovic (Belgrade, RS)

- | | | |
|-------|---|-----|
| 11:00 | Dobrodošlica i uvod. | 653 |
| | P. Seferovic (Belgrade, RS) | |
| 11:18 | Blokada aktivacije neurohumoralnog sistema: osnov prevencije i lečenja srčane inšuficijencije. | 654 |
| | D. Jakovljevic (Newcastle Upon Tyne, GB) | |
| 11:36 | Blokatori angiotenzina II: efikasni lekovi sa najmanje sporednih efekata u srčanoj insuficijenciji i hipertenziji. | 655 |
| | V. Mitrovic (Bad Nauheim, DE) | |
| 11:54 | Klinička efikasnost beta-adrenergičke blockade u srčanoj insuficijenciji i hipertenziji. (lecture in Russian). | 656 |
| | V. Mareev (Moscow, RU) | |
| 12:12 | Umesto zaključka: Najvažnije poruke za kliničku praksu. | 657 |
| | P. Seferovic (Belgrade, RS) | |

11:00 - 12:30

Symposium

Nis

Emerging drug therapies for acute heart failure.**Chairpersons: J. Stepinska (Warsaw, PL); G.S. Filippatos (Athens, GR)****Treatment of heart failure - Integrating pharmacology and technology**

11:00	Natriuretic peptide.	658
	G.S. Filippatos (Athens, GR)	
11:18	Relaxin.	659
	M. Metra (Brescia, IT)	
11:36	Guanylate cyclase modulators.	660
	M. Gheorghiade (Chicago, US)	
11:54	RAAS inhibitors.	661
	A.P. Maggioni (Florence, IT)	
12:12	Cardiac myosin activators.	662
	J.R. Teerlink (San Francisco, US)	

11:00 - 12:30

HFA Focus session

Sombor

When drugs fail - Using devices in heart failure - HFA Focus.**A joint session with the Heart Failure Society of America (HFSA)****Chairpersons: S.D. Anker (Berlin, DE); B.M. Massie (San Francisco, US)****Panel.: P. Ponikowski (Wroclaw, PL); D.J. van Veldhuisen (Groningen, NL);****K. Swedberg (Gothenburg, SE); M.R. Costanzo (Naperville, US);****T.L. Force (Philadelphia, US)**

JOINT WITH

**Education and Guidelines**

Presentation of clinical cases.	663
M.R. Costanzo (Naperville, US)	

Get your access to the HFA Members Lounge (wifi access)
Ask on the HFA/ESC Stand

11:00 - 12:30

Symposium

Pancevo

Nuclear remodelling and Ca²⁺ handling: key player in heart failure progression?

Chairpersons: B.M. Pieske (Graz, AT); R. Fischmeister (Chatenay-Malabry, FR)

Basic Science

- | | | |
|-------|--|-----|
| 11:00 | The concept of excitation-transcription coupling. | 664 |
| | D.M. Bers (Davis, US) | |
| 11:18 | Structural remodelling of the nucleus in hypertrophy and heart failure. | 665 |
| | J. Kockskaemper (Marburg, DE) | |
| 11:36 | Altered ion handling of the nucleus in hypertrophy and failure. | 666 |
| | S. Ljubojevic (Graz, AT) | |
| 11:54 | Surface-to nucleus communication: new insights into IP₃-dependent regulation of cardiac remodelling. | 667 |
| | M.D. Bootman (Cambridge, GB) | |
| 12:12 | Biology and therapeutic implications of HDACs in the heart. | 668 |
| | T.A. McKinsey (Denver, US) | |

11:00 - 12:30

Symposium

Subotica

Inflammation and autoimmune reactions in heart failure: biomarker, bystander or mediator.

Chairpersons: M. Fu (Gothenburg, SE); R. Jahns (Wuerzburg, DE)

Basic Science

- | | | |
|-------|---|-----|
| 11:00 | Inflammation and immunity: how it occurs and how to measure it? | 669 |
| | B. Maisch (Marburg, DE) | |
| 11:18 | Metabolic consequences of inflammation in heart failure? | 670 |
| | E.A. Jankowska (Wroclaw, PL) | |
| 11:36 | Autoantibodies – Immunoabsorption and epitope-mimicking cyclic peptides. | 671 |
| | R. Jahns (Wuerzburg, DE) | |
| 11:54 | Toll-like receptors as potential therapeutic targets in cardiac dysfunction. | 672 |
| | D. Mann (St. Louis, US) | |
| 12:12 | Insight from anti-inflammatory and immunoregulatory trials in chronic heart failure. | 673 |
| | L. Gullestad (Oslo, NO) | |

11:00 - 12:30

Oral Abstracts

Pirot

Rapid fire session 2.

Judges choice. Clinical

Chairperson: To be announced

More abstracts this year to be featured in the Judges Choice Clinical - Rapid fire sessions. Flash presentations on the research's highlights: Aim / Methods / Results - discussions animated by two experts chairing the session. Posters of all presented abstracts will be on display for the whole day in front of the room.

- 11:00 **Monitoring arrhythmic risk in stable heart failure patients with soluble ST2** 674
C. Stolen, R. Gerwien, T. Meyer, J.V. Snider (St Paul and San Diego, US)
- 11:05 **The inflammatory biomarker YKL-40 as a new prognostic marker for all-cause mortality in patients with heart failure** 675
M. Harutyunyan, L. Koeber, J.S. Johansen, C.H. Torp-Petersen, M. Christiansen, J. Kastrup (Copenhagen and Herlev, DK)
- 11:10 **CCL21 and fatal outcomes in chronic heart failure: the CORONA and GISSI-HF trials** 676
T. Ueland, S. Nymo, R. Latini, J.J.V. McMurray, J. Kjekshus, A. Yndestad, S. Mason, L. Gullestad, P. Aukrust (Oslo, NO; Milan, IT; Glasgow, GB)
- 11:15 **Changes in plasma ST2 over time adds to prognostic information in chronic heart failure: observations from Val-HeFT** 677
J. Snider, T. Rector, M. Kuskowski, J. Cohn, I. Anand (San Diego and Minneapolis, US)
- 11:20 **Galectin-3 as new biomarker for oxidative and nitrosative stresses in patients with chronic heart failure** 678
Y.V. Shchukin, E.I. Seleznev, I.I. Berezin, E.A. Medvedeva, V.A. Dyachkov, L.N. Slatova (Samara, RU)
- 11:25 **Interaction between age, NT-proBNP and mortality risk may explain why a NT-proBNP guided therapy does not work in the elderly heart failure patient** 679
M. Schou, P. Hildebrandt, L. Videbaek, F. Gustafsson (Hillerod, Frederiksberg, Odense and Copenhagen, DK)
- 11:30 **Burden of comorbidities and medication complexity in heart failure patients significantly increases over a single decade** 680
R.L. Page, J.A. Lindenfeld, R.R. Allen, J.V. Nair (Aurora, US)
- 11:35 **Heart failure as a major cause of prolonged wound healing and increased healthcare cost in older adults with chronic wounds** 681
R.L. Page, T. Luttrell, J.A. Lindenfeld (Aurora and Denver, US)
- 11:40 **Effects of physical exercise training on adipokine expression in diastolic heart failure: results from Ex-DHF-P** 682
T.D. Trippel, F. Edelmann, G. Gelbrich, V. Tscholl, E. Tahirovic, S. Inkrot, R. Wachter, W. Haverkamp, B. Pieske, H.D. Duengen (Berlin, Göttingen and Leipzig, DE; Graz, AT)
- 11:45 **Ivabradine improves clinical outcomes in patients with chronic systolic heart failure taking aldosterone antagonists: findings from SHIFT trial** 683
M. Komajda, M. Bohm, J.S. Borer, I. Ford, L. Tavazzi, A. Tase, K. Swedberg (Paris, FR; Homburg / Saar, DE; Brooklyn, New York, US; Glasgow, GB; Pavia, IT; Pitesti, RO; Gothenburg, SE)

11:00 - 12:30	Oral Abstracts	Pirot
11:50	Ivabradine reduces mortality and major cardiovascular outcomes in chronic systolic heart failure: an analysis in high risk patients in the SHIFT trial M. Boehm, K. Swedberg, M. Komajda, J.S. Borer, I. Ford, J. Reil, J.R. Gonzalez-Juanatey, J. Lopez-Sendon, L. Tavazzi, On Behalf Of Shift Investigators (Hamburg, DE; Gothenburg, SE; Paris, FR; New York, US; Glasgow, GB; Santiago de Compostela and Madrid, ES; Cotignola, IT)	684
11:55	Do Angiotensin Receptor Blockers reduce the risk of new onset heart failure in patients at high cardiovascular risk but without evidence of left ventricular systolic dysfunction? A meta-analysis P. Costanzo, J.G.F. Cleland, E. Vassallo, P. Pellicori, P. Perrone-Filardi (Hull, GB; Naples, IT)	685
12:00	Systematic review of the proportion of heart failure patients reporting side-effects of beta-blockers in whom the medication is genuinely causative: ethical implications for informed consent D.P. Francis, N. Zaman, G.D. Cole, R. Wensel, D.O. Okonko, A.J. Barron (London, GB)	686
12:05	Hypertrophic obstructive cardiomyopathy (HOCM): long-term outcome of percutaneous septal ablation (PTSMA) C. Prinz, M. Schumann, A. Burghardt, H. Seggewiss, O. Oldenburg, D. Horstkotte, L. Faber (Bad Oeynhausen and Schweinfurt, DE)	687
12:10	Role of left ventricular two-dimensional strain measures in predicting ventricular arrhythmic events in chronic heart failure patients A. Puzzovivo, M. Iacoviello, C. Forleo, M.S. Lattarulo, F. Monitillo, V. Marangelli, S. Favale (Bari, IT)	688
12:15	Is heart rate a risk marker in patients with chronic heart failure and concomitant atrial fibrillation? Results from the MAGGIC meta-analysis. D. Castagno, R.N. Doughty, K. Poppe, N. Earle, I. Squire, A.M. Richards, B. Andersson, J.A. Ezekowitz, M. Komajda, J.J.V. McMurray (Turin, IT; Auckland and Christchurch, NZ; Leicester and Glasgow, GB; Gothenburg, SE; Edmonton, CA; Paris, FR)	689

12:45 - 13:45

Satellite Symposium

Novi Sad

Prevention of stroke in atrial fibrillation: the challenging patient

Sponsored by Bristol-Myers Squibb/Pfizer

Chairpersons: P. Ponikowski (Wrocław, PL); D. Atar (Oslo, NO)

- | | | |
|-------|--|-----|
| 12:45 | Welcome and introduction.
P. Ponikowski (Wrocław, PL) | 690 |
| 13:00 | New oral anticoagulants for stroke prevention in atrial fibrillation: clinical trial update.
D. Atar (Oslo, NO) | 691 |
| 13:15 | Stroke prevention in patients with atrial fibrillation and heart failure.
J.J.V. McMurray (Glasgow, GB) | 692 |
| 13:30 | Panel discussion/questions and answers.
D. Atar (Oslo, NO) | 693 |
| 13:40 | Summary and conclusions.
P. Ponikowski (Wrocław, PL) | 694 |

12:45 - 14:00

Satellite Symposium

Nis

Percutaneous mitral valve repair (PMVR) for expanding treatment options in mitral regurgitation

Sponsored by ABBOTT VASCULAR

Chairpersons: A. Vahanian (Paris, FR); G.S. Filippatos (Athens, GR)

- | | | |
|-------|--|-----|
| 12:45 | 5000 patients experience, what are the data telling us.
A. Vahanian (Paris, FR) | 695 |
| 13:00 | Managing your patient before and after a PMVR.
S. Baldus (Hamburg, DE) | 696 |
| 13:15 | Selecting patients for PMVR: screening for success.
N. Wunderlich (Frankfurt, DE) | 697 |
| 13:30 | A practical example of patient referral.
M. Settergren (Stockholm, SE) | 698 |
| 13:45 | PMVR – a promising option for heart failure patients with functional mitral regurgitation.
Panel discussion | |

12:45 - 13:45

Satellite Symposium

Pancevo

Iron treatment beyond anaemia – How CHF patients benefit

Sponsored by Vifor Pharma Ltd

Chairpersons: D.J. van Veldhuisen (Groningen, NL); T.A. McDonagh (London, GB)

12:45	Introduction: treatment of iron deficiency in CHF - a chance to improve patients' lives?	699
	T.A. McDonagh (London, GB)	
12:55	Testing for iron deficiency and anaemia, a standard diagnosis for CHF patients?	700
	K. Dickstein (Stavanger, NO); E.A. Jankowska (Wroclaw, PL)	
13:15	Treatment objectives: what is relevant for the patient?	701
	J. Comin-Colet (Barcelona, ES); I. Macdougall (London, GB)	
13:35	Q&A session.	702
	D.J. van Veldhuisen (Groningen, NL)	

12:45 - 14:00

Satellite Symposium

Subotica

Customizing heart failure therapies: past, present, future

Sponsored by St. Jude Medical

Chairpersons: F. Ruschitzka (Zurich, CH); S.D. Anker (Berlin, DE)

12:45	Introduction.	703
	F. Ruschitzka (Zurich, CH)	
12:50	The evolution of heart failure care.	704
	M.R. Cowie (London, GB)	
13:10	Maximizing CRT-therapy-outcomes of economics.	705
	M. Biffi (Bologna, IT)	
13:30	Promising new technologies.	706
	J.G.F. Cleland (Kingston Upon Hull, GB)	
13:50	Conclusion.	707
	S.D. Anker (Berlin, DE)	

14:15 - 15:45

Special Session

Belgrade

Late breaking trials 2.**Chairpersons: P. Ponikowski (Wroclaw, PL); P. Seferovic (Belgrade, RS)****Latest Updates***This session will feature the latest breakthrough in clinical research.**Consult session details in the Congress News, on your Mobile Application or on the website!**Trial Presentations of 10 minutes followed by a discussant review and questions from audience and chairpersons for 5 minutes.*

14:15 - 15:45

Local Session

Novi Sad

Složena klinička stanja u srčanoj insuficijenciji - prikazi bolesnika.**Chairpersons: V. Kanjuh (Belgrade, RS); S. Dimkovic (Belgrade, RS)**

- | | | |
|-------|---|-----|
| 14:15 | Ishemijski cerebrovaskularni insult i srčana insuficijencija.
To be announced | 718 |
| 14:37 | Prevenција i lečenje bubrežne slabosti kod bolesnika sa srčanom insuficijencijom.
V. Lezajic (Belgrade, RS) | 719 |
| 15:00 | Srce i srčana slabost u autoimunim reumatskim bolestima.
M. Matucci-Cerinic (Florence, IT) | 720 |
| 15:22 | Srčana slabost u plućnoj hipertenziji: etiopatogenetski principi i novi pravci lečenja.
M. Samarzija (Zagreb, HR) | 721 |

14:15 - 15:45

Special Session

Nis

Highlights of tomorrow.**Chairpersons: S.D. Anker (Berlin, DE); F. Ruschitzka (Zurich, CH)***Industry representatives will present highlights of their current programme of research in heart failure and their views about the field more generally.**They will inform the audience about projects in the pipeline and phase II/III trials.**Each presentation will be concluded by panel discussion.**Questions from the audience are encouraged.*

14:15 - 15:45

Symposium

Sombor

Lifestyle: frequently asked questions.

Chairpersons: J. Riley (London, GB); A.W. Hoes (Utrecht, NL); I. Ekman (Gothenburg, SE)

Nursing

14:15	Sex.	729
	T. Jaarsma (Norrköping, SE)	
14:33	Diet.	730
	M. Lainscak (Golnik, SI)	
14:51	Driving and travel.	731
	T.A. McDonagh (London, GB)	
15:09	Exercise.	732
	V. Conraads (Edegem, BE)	
15:27	Panel discussions.	

14:15 - 15:45

Symposium

Pancevo

Calcium waves, leaks and dangerous currents.

Chairpersons: F.R. Heinzel (Graz, AT); L. Neyses (Manchester, GB)

Basic science translated for the clinician

14:15	Roles of RyR2 and SERCA2 in arrhythmogenesis.	733
	D.A. Eisner (Manchester, GB)	
14:37	CaMKII as a critical modulator of SR function.	734
	D.M. Bers (Davis, US)	
15:00	Inherited SR-linked arrhythmias.	735
	E. Schulze-Bahr (Muenster, DE)	
15:22	Translation into clinical arena.	736
	G. Hasenfuss (Göttingen, DE)	

MONDAY

Discover the HFA online education programme
Demo available on the HFA/ESC Stand

14:15 - 15:45

Symposium

Subotica

Cancer and the heart.**Chairpersons: A.M. Shah (London, GB); D. Hilfiker-Kleiner (Hannover, DE)****Basic Science**

- | | | |
|-------|---|-----|
| 14:15 | Cardiac function in cancer patients - What do we know? | 737 |
| | S. Von Haehling (Berlin, DE) | |
| 14:33 | Mechanisms of chemotherapy induced cardiotoxicity. | 738 |
| | T.L. Force (Philadelphia, US) | |
| 14:51 | Using cardiac biomarkers & treating cardiotoxicity in cancer. | 739 |
| | D. Cardinale (Milan, IT) | |
| 15:09 | Progressive loss of cardiac function and muscle in cancer cachexia: time to treat the heart! | 740 |
| | J. Springer (Berlin, DE) | |
| 15:27 | Treating cancer patients with heart failure drugs: clinical data. | 741 |
| | A.J.S. Coats (Norwich, GB) | |

14:15 - 15:45

Special Session

Pirrot

ISHR Award session**Chairpersons: P. Ferdinandy (Szeged, HU); S.E. Harding (London, GB)****Judges: G. Valen (Oslo, NO); R. Fischmeister (Chatenay-Malabry, FR);****J.L. Balligand (Brussels, BE)**

- | | | |
|-------|---|-----|
| 14:15 | Pharmacoeigenetic testing - engineered heart tissue as a model | 742 |
| | J. Stenzig, L.M. Bartholdt, M.N. Hirt, A. Eder, A. Hansen, T. Eschenhagen (Hamburg, DE) | |
| 14:30 | Resting cardiac sympathetic activity modulates cardiomyocyte size by regulating the atrogene MuRF1 and is impaired during aging | 743 |
| | T. Zaglia, G. Milan, M. Franzoso, F. Dabroi, E. Piasentini, S. Schiaffino, M. Sandri, M. Mongillo (Padova, IT) | |
| 14:45 | ALOX5 silencing improves hemodynamic parameters after acute myocardial infarction: a possible role of changes of natriuretic system genes expression | 744 |
| | O. Lisovsky, M. Kuzmenko, V. Gurianova, L. Tumanovska, V. Dosenko, O. Moibenko (Kiev, UA) | |
| 15:00 | Low dose of cocaine infusion increased cardiac vasodilatory properties | 745 |
| | S. Gardier, E. Belin De Chantemele, J.P. Giliberto, D. Morel (Geneva, CH; Augusta, US) | |
| 15:15 | Report from the ISHR / Servier awardee 2011. | 746 |
| | M.A. Schroder (Oxford, GB) | |
| 15:30 | Presentation by the ISHR / Servier awardee 2012. | 747 |
| 15:40 | Announcement of the ISHR Young Investigator Awardees. | |

Visit the Exhibition - Coffee Break in the Exhibition Area
Morning Poster Session: Poster Viewing 14:00 - 18:00
& Moderated Posters Session 15:45 - 16:30 See Page 118

16:30 - 18:00

Main Session

Belgrade

Co-morbidities in heart failure: cardiorenal syndrome.

Chairpersons: A.P. Maggioni (Florence, IT); E.A. Jankowska (Wroclaw, PL)

Co-morbidities and heart failure

- | | | |
|-------|-------------------------------------|-----|
| 16:30 | Definition and epidemiology. | 750 |
| | A.A. Voors (Groningen, NL) | |
| 16:48 | Pathophysiology. | 751 |
| | C. Ronco (Vicenza, IT) | |
| 17:06 | Management. | 752 |
| | J.T. Parissis (Athens, GR) | |
| 17:24 | Anemia and iron deficiency. | 753 |
| | S.D. Anker (Berlin, DE) | |
| 17:42 | Panel discussions. | |

16:30 - 18:00

Symposium

Novi Sad

New devices for patient monitoring.

Chairpersons: F. Koehler (Berlin, DE); P. Seferovic (Belgrade, RS)

Devices and technology for heart failure

- | | | |
|-------|--|-----|
| 16:30 | Fluid balance / Impedance. | 754 |
| | D.J. van Veldhuisen (Groningen, NL) | |
| 16:48 | Haemodynamics sensing. | 755 |
| | M.R. Costanzo (Naperville, US) | |
| 17:06 | Rhythm assessments. | 756 |
| | F. Braunschweig (Stockholm, SE) | |
| 17:24 | Home biomarkers. | 757 |
| | A. Maisel (Solana Beach, US) | |
| 17:42 | How to integrate new device and manage information. | 758 |
| | J.G.F. Cleland (Kingston Upon Hull, GB) | |

16:30 - 18:00

Symposium

Nis

What heart failure specialist should know about CRT.**Chairpersons:** F. Ruschitzka (Zurich, CH); C. Tschoepe (Berlin, DE)**Treatment of heart failure - Integrating pharmacology and technology**

16:30	How to choose the right patient.	759
	K. Dickstein (Stavanger, NO)	
16:48	How to: implantation procedures.	760
	M. Gasparini (Rozzano, IT)	
17:06	How to optimise follow up.	761
	Z. Kalarus (Zabrze, PL)	
17:24	How to handle non-responders.	762
	C. Stellbrink (Bielefeld, DE)	
17:42	Panel discussions.	

16:30 - 18:00

HFA Focus session

Sombor

Acute heart failure: difficult cases - HFA Focus.**Case based interactive session****Chairpersons:** T.A. McDonagh (London, GB); G.S. Filippatos (Athens, GR)**Panel.:** A. Mebazaa (Paris, FR); M. Banaszewski (Warsaw, PL);**M.S. Robalo Martins (Lisbon, PT)****Education and Guidelines**

	Myocarditis presenting as AHF.	764
	R.S. Gardner (Glasgow, GB)	
	Acute heart failure 24 hours after an acute coronary syndrome.	765
	C. Mueller (Basel, CH)	
	Acute heart failure with sudden death.	766
	A. Keren (Jerusalem, IL)	

16:30 - 18:00

Symposium

Pancevo

Understanding HFpEF: lots of news!

Chairpersons: B.M. Pieske (Graz, AT); O.A. Smiseth (Oslo, NO)

Basic science translated for the clinician

16:30	Atrial function.	767
	V. Melenovsky (Prague, CZ)	
16:48	New imaging modalities in HFpEF.	768
	E. Kraigher-Krainer (Boston, US)	
17:06	Exercise testing.	769
	M.P. Frenneaux (Aberdeen, GB)	
17:24	Invasive haemodynamics.	770
	R. Wachter (Göttingen, DE)	
17:42	New drugs in the pipeline for HFpEF.	771
	M. Pfeffer (Boston, US)	

16:30 - 18:00

Symposium

Subotica

New ways in cardioprotective strategies: effects of co-morbidities and their medication.

Chairpersons: B.J. Mcdermott (Belfast, GB); G. Heusch (Essen, DE)

Basic Science

16:30	Cardioprotective signaling in aging.	772
	R. Schulz (Giessen, DE)	
16:48	Drug-induced inhibition of endogenous cardioprotection: new safety considerations.	773
	E. Golomb (Tel Aviv, IL)	
17:06	Cardioprotective signaling in diabetes.	774
	D.J. Hausenloy (London, GB)	
17:24	Effects of hyperlipidemia and statins on cardioprotective signalling.	775
	P. Ferdinandy (Szeged, HU)	
17:42	The role of mitochondrial MAO in cardioprotection.	776
	F. Di Lisa (Padua, IT)	

16:30 - 18:00

Symposium

Pirot

Mitochondria in heart failure: an important target for therapy.**Chairpersons: D.M. Bers (Davis, US); C. Maack (Homburg/Saar, DE)****Basic Science**

- | | | |
|-------|--|-----|
| 16:30 | Energy metabolism in heart failure. | 777 |
| | R.F. Ventura-Clapier (Chatenay-Malabry, FR) | |
| 16:52 | Abnormalities of structure and function of mitochondria in heart failure. | 778 |
| | H.N. Sabbah (Detroit, US) | |
| 17:15 | Mitochondria & tissue iron. | 779 |
| | S. Von Haehling (Berlin, DE) | |
| 17:37 | Mitochondria DNA damage and heart failure. | 780 |
| | K. Otsu (Osaka, JP) | |

New HFA Membership Services - Free trial
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MORNING

Moderated Posters Session 3 (10:00 - 11:00).....Page 100

Poster Session 3Pages 101 to 117

All Posters will be on display from 08:30 - 12:30

AFTERNOON

Moderated Posters Session 4 (15:45 - 16:30).....Page 118

Poster Session 4Pages 119 to 136

All Posters will be on display from 14:00 - 18:00

The Heart Failure Association and the Scientific Programme Committee have developed a programme to highlight young researchers.

The poster will be easily identified with a HFA Young Researcher logo - which should be collected at the Poster Assistance Desk.



Join us in supporting the future of research and advances in all related aspects of heart failure Clinical research / treatment and Basic Science - come and interact with the Cardiologists of tomorrow.

Congratulations to the Young Researchers who obtained, by merit of their research, an HFA or Travel Grant.



08:30 - 12:30

Moderated Posters

Moderated Poster Area

Moderated posters - Session 3 - 10:00-11:00

Chairpersons: P.J. Mohacsi (Bern, CH); M. Gheorghiade (Chicago, US)

Moderated posters must be set up between 08:00 - 08:30, removed between 12:30 - 13:00, to be on display between 08:30 - 12:30 in the designated Moderated Poster Area.

These abstracts were chosen for their outstanding quality and will be presented during the Moderated Poster Session between 10:00 and 11:00.

The cardioprotective role of ACE-inhibition in patients with acute myocardial infarction: the SMILE-OVERALL project

P782

C. Borghi, E. Ambrosioni, G. Reggiardo, S. Omboni, S. Bacchelli, D. Degli Esposti (Bologna and Solbiate Arno, Varese, IT)

Prognostic relevance of plasma aldosterone during renin-angiotensin-aldosterone system inhibition in heart failure patients

P783

G. Vergaro, A. Valleggi, L.E. Pastormerlo, G. Mirizzi, S. Chiappino, R. Poletti, L. Padeletti, M. Emdin, C. Passino (Pisa and Florence, IT)

Usefulness of implantable cardioverter defibrillators in patients with left ventricular assist devices

P784

A. Gkouziouta, G. Karavolias, A. Kostopoulou, E. Livanis, S. Adamopoulos (Athens, GR)

Improving survival rates in idiopathic dilated cardiomyopathy: impact of evidence-based treatment over the last 30 years. The experience of the Florence referral center for cardiomyopathies

P785

G. Castelli, A. Fornaro, M. Ciaccheri, I. Olivotto, C. Pigozzi, B. Tomberli, G.F. Gensini (Florence, IT)

Fulminant myocarditis: experience of a single center

P786

S. Secades, C. Corros, M. Martin, J.M. De La Hera, M.L. Rodriguez, B. Diaz, D. Leon, E.M. Benito, A. Renilla, J.L. Lambert (Oviedo, ES)

08:30 - 12:30

Poster Session

Poster Area

Poster session 3

Posters must be set up between 08:00 - 08:30, removed between 12:30 - 13:00, to be on display between 08:30 - 12:30.

The presenter should be available by the poster during the coffee break (10:00 to 11:00) in order to discuss the research with the audience.

Acute heart failure

Atrial fibrillation as a cause of heart failure in patients with hypertension. P787

O. Londono Sanchez, C. Oller (Barcelona, ES)

Liver dysfunction is common and may predict poor outcome in acute heart failure population P788

J. Biegus, R. Zymlinski, M. Sokolski, S. Nawrocka, P. Siwolowski, J. Szachniewicz,

E.A. Jankowska, W. Banasiak, P. Ponikowski (Wroclaw, PL)

Biomarkers in acute heart failure and mortality at six months P789

S. Hamdi, M. Chakroun, W. Jomaa, A. Hamzaoui, W. Dhawedi, T. Trimech, L. Chaker,

K. Ben Hamda, F. Maatouk (Monastir, TN)

Factors related to prolongation of hospitalization and readmission for worsening heart failure P790

A.D. Mateescu, A.M. Mocanu, M.M. Baluta, M.M. Vintila (Bucharest, RO)

Pulmonary tails and thoracic conductance for the detection of pulmonary congestion in patients with advanced heart failure in the acute setting P791

G. Branzi, C. Facchini, G. Malfatto, A. Villani, A. Giglio, M. Facchini, G. Parati (Milan, IT)

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V. Moerman, J. Nimmegeers, H. Vandekerckhove, E. Vandecasteele, Y. Van Belleghem,

M. De Pauw (Ghent, BE)

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R.C. Rimbaz, D. Mihalcea, D. Vinereanu (Bucharest, RO)

Clinical significance of changes in hemoglobin level during first 48 hours of treatment of acute heart failure patients P794

J. Biegus, R. Zymlinski, M. Sokolski, S. Nawrocka, P. Siwolowski, J. Szachniewicz,

E.A. Jankowska, W. Banasiak, P. Ponikowski (Wroclaw, PL)

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N. Moreno, A. Pereira, A. Da Silva Castro, A. Andrade, P. Pinto (Penafiel, PT)

Significant improvement of clinical status during first 24 hours after CRT-D implantation in patient with acutely decompensated chronic heart failure resistant to drugs and revascularization therapy. P796

E. Kremis, L. Greszata, M. Marona, A. Przybylski, M. Banaszewski, J. Stepinska

(Warsaw, PL)

Stress-induced cardiomyopathy in a patient with chronic spinal cord transection at the level of C5: endocrinologically mediated catecholamine toxicity P797

B. Redfors, Y. Shao, E. Omerovic (Gothenburg, SE)

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- NT-proBNP used during treatment of acutely destabilized heart failure** P798
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- Short term prognosis and characteristics of patients hospitalised for acute heart failure in a regional hospital** P799
K. Zeman, L. Pohludkova, J. Parenica, J. Jarkovsky, J. Spinar (Frydek-Mistek and Brno, CZ)
- Lung impedance guided preemptive treatment of evolving pulmonary congestion-edema in course of acute myocardial infarction reduces use of furosemide** P800
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- Pulmonary embolism and specific medical interventions for unstable patients: where is the evidence?** P801
L. Paiva, A.C. Faustino, S. Barra, R. Providencia, F. Caetano, A. Botelho, A. Leitao-Marques (Coimbra, PT)
- Peripartum cardiomyopathy: a disorder requiring high clinical suspicion and evaluation of differential diagnosis** P802
I. Rangel, A. Goncalves, C. Sousa, S. Silva, M. Guimaraes, F. Macedo, P. Bettencourt, M.J. Maciel (Porto, PT)
- Role of 14-3-3 protein against ischemic insult in the mice heart subjected to myocardial infarction** P803
S. Arumugam, A.T. Thandavarayan, F.R. Sari, V.V. Giridharan, V. Soetikno, V. Pitchaimani, M. Harima, K. Suzuki, K. Watanabe (Niigata-shi and Niigata, JP)
- Optimal euvoletic status may be assessed by BUN and body weight change in acute decompensated heart failure (ADHF) patients.** P804
S.H. Kim, S.W. Han, D.J. Choi, J.J. Kim, M.C. Cho, E.S. Jeon, K.H. Ryu (Seoul and Cheongju, KR)
- New definition for stress-induced cardiomyopathy - The Gothenburg Criteria** P805
E. Omerovic (Gothenburg, SE)
- Severe acute aortic insufficiency due to infective endocarditis: a case report** P806
L. Marta, M. Peres, M. Alves, G.F. Silva (Santarem, PT)
- Heart failure diagnosis**
- Combined evaluation of Galectin-3 and NT-proBNP in patients with HF-PEF.** P807
Y. Dubolazova, O. Drapkina (Moscow, RU)
- Left ventricular (LV) structure and function in elderly patients with coronary artery disease** P808
K.A. Bagrii, O.V. Samoilova, O.A. Prikolota, E.V. Schukina (Donetsk, UA)
- Prevalence of metabolic syndrome in patients with heart failure** P809
M. Metalla, S.O. Qirko, E.R.R. Rroshi, M.C. Carcani, M.D. Demiri (Durres and Tirana, AL)
- Correlations between NYHA class of heart failure and E/vp ratio in hypertensive patients with acute myocardial infarction** P810
R. Musetescu, D.M. Toader, A.E. Belu, R. Radu, A.E. Musetescu, M. Popescu (Craiova, RO)

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D. Daunoravicius, A. Jakubauskas, L. Griskevicius, S. Cibiras, E. Zurauskas, V. Maneikiene, J. Celutkienė, K. Rucinskas, A. Jasulaitis, V. Grabauskienė (Vilnius, LT)

Fragmented QRS complexes on 12-lead ECG in patients with heart failure: a marker of lower ejection fraction and dilated ventricle P812

M. Romeyke, A.S. Sheikhzadeh (Bad Segeberg, DE)

Prognostic role of structural changes of large arteries and peripheral blood flow in patients with chronic heart failure P813

I. Shkurat (Kiev, UA)

Arrhythmias and treatment

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L. Lepska, P. Zagrodzon, M. Dudziak, G. Raczak (Gdansk, PL)

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J. Radosinska, V. Knezl, J. Slezak, E. Goncalvesova, L. Urban, R. Hatala, N. Tribulova (Bratislava, SK)

Atrial fibrillation

Some echocardiographic predictors of atrial fibrillation progression P817

S.H.K. Azizov, R.D. Kurbanov, N.U. Zakirov, H.M. Raubjanov (Tashkent, UZ)

The outcome of left ventricular diastolic dysfunction in patients with paroxysmal atrial fibrillation after successful catheter ablation P818

E. Celentano, T. De Potter, L. Stefan, M. Eisenberger, P. Peytchev, P. Geelen (Aalst, BE)

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I. Neroladakis, V. Karasavvidis, G. Savvidis, E. Karagiozakis, M. Voulgaris, P. Folidis,

L. Fragoulidou, K. Stambouli, S. Papadopoulos, G. Karakostas (Kilkis, GR)

2D-speckle-tracking echo-derived strains and their regional distribution pre- and 24 hours post-electrical cardioversion in patients with persistent atrial fibrillation P820

A. Degiovanni, M. Bortnik, G. Dell'era, V. Bolzani, P. Marino (Novara and Casale Monferrato, IT)

Cancer / Cardiotoxicity

Effect of citostatic treatment with trastuzumab over ventricular function in patients with breast cancer P821

C. Jimenez Rubio, J. Cano Nieto, A. Romero Gomez, J. Mora Robles, B. Perez Villardon,

A.M. Garcia Bellon, A.M. Gonzalez Gonzalez, J.L. Delgado Prieto, J.M. Perez Ruiz,

M. De Mora Martin (Ceuta and Malaga, ES)

MT-102, a new Anabolic Catabolic Transforming Agent improves heart function in a rat model of cancer cachexia P822

M. Poetsch, A. Tschirner, S. Palus, J. Beadle, A.J.S. Coats, S.D. Anker, J. Springer (Berlin, DE; Oxford and Norwich, GB)

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Iron deficiency anaemia aggravates doxorubicin-induced heart toxicity in spontaneously hypertensive stroke prone rats

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J.E. Toblli, C. Rivas, G. Cao, J. Giani, F. Dominici (Buenos Aires, AR)

Hypertrophic cardiomyopathy

Analysis of the clinical results in hypertrophic cardiomyopathy treatment with atrioventricular pacing

P824

J.J. Parra Fuertes, J. Molina Martin De Nicolas, B. Rubio Alonso, B. Diaz Anton, S. De Dios Perez, A. Jurado Roman, C. Granda Nistal, S. Mayordomo Gomez, R. Martin Asenjo, J. Rodriguez Garcia (Madrid, ES)

Right atrial enlargement is a marker of left ventricle diastolic dysfunction in patients with hypertrophic cardiomyopathy

P825

C. Castanheira De Sousa, A. Goncalves, I. Rangel, A.S. Correia, F. Macedo, M.J. Maciel (Porto, PT)

How does myocardial fibrosis distribution affect myocardial performance in patients with hypertrophic cardiomyopathy?

P826

A.S. Correia, I. Rangel, C. Sousa, A. Goncalves, T. Pinho, A.J. Madureira, A. Lebreiro, J.S. Cardoso, F. Macedo, M.J. Maciel (Porto, PT)

Long-term prognosis in NYHA class IV patients with obstructive hypertrophic cardiomyopathy

P827

L. Faber, G. Koenig, C. Prinz, O. Oldenburg, D. Horstkotte (Bad Oeynhausen, DE)

Dilated cardiomyopathy

The efficiency of sildenafil at patients with idiopathic right ventricular dilated cardiomyopathy

P828

Y.R. Akhmatov, T.A. Abdullaev, I.A. Tsoi, B.U. Mardanov (Tashkent, UZ)

Pregnancy in a high-risk woman with severe heart failure due to dilated cardiomyopathy (DCM)- therapeutic challenges, management and outcome

P829

K. Kryczka, Z. Dzielinska, A. Przybylski, J. Szczudlik, J. Dangel, M. Konka, K. Czajkowski, J. Rozanski, Z. Bilinska, M. Demkow (Warsaw, PL)

Pheochromocytoma-induced dilated cardiomyopathy: clinical case.

P830

P. Gargiulo, F. Marsico, C. D'amore, C. Marciano, E. Vassallo, O. Scala, D. Ruggiero, T. Losco, G. Savarese, P. Perrone Filardi (Naples, IT)

Evidence of viral infections in patients with dilated cardiomyopathy

P831

Z.. Zhuiko, A.G. Bulgak, V. Kardash, T.V. Amvrosieva, N. Paklonskaya, Z. Bogush, V. Yudina (Minsk, BY)

Predictors of mortality and cardiovascular events in patients with non-ischemic or ischemic cardiomyopathy

P832

A.K. Kurlianskaya, T.L. Denisevich (Minsk, BY)

Reverse myocardial remodeling in patiens with short history of non ischemic heart failure in the four years follow-up.

P833

M. Hegarova, M. Kubanek, A. Jabor, P. Lupinek, I. Malek (Prague, CZ)

Endomyocardial biopsy in identification of inflammatory dilated cardiomyopathy

P834

T. Vaikhanskaya, T. Kurushko, D. Shumovec, T. Amvrosieva, A. Bezruchko, N. Poklonskaya (Minsk, BY)

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Surface expression of Kv4 ion channel is dependent from HMGB1 nuclear factor and SAP97 in cardiomyocytes and malignant cells P835

V. Szuts, T. Szenasi, B. Szalontai, N. Jost, L. Virag, K. Nagy, C.S. Vagvolgyi, J.G.Y. Papp, A. Varro (Szeged, HU)

Cardiomyopathy (other)

Takotsubo cardiomyopathy mimics acute coronary syndrome. P836

S.K. Kaeva, M.M. Miletic, V.A. Andova, S.J. Jordanova, I.D. Danilovska (Skopje, MK)

An unusual case of broken heart syndrome P837

F. Melao, A.T. Freitas, P. Nunes, M.J. Maciel (Porto, PT)

Spironolactone in patients with heart failure: friend or foe? P838

M. Khateeb, M.B. Bdeir, T. Conboy (Riyadh, SA)

Characteristics and outcome of patients with acute myocarditis: long-term follow-up (single center experience) P839

A.N. Kitsiou, G. Papadimitriou, K. Bratis, K. Giannakopoulos, S. Mavrogeni, S. Karas (Athens, GR)

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M. Strachinaru, E. Tran-Ngoc, N. Damry (Brussels, BE)

Gender difference in patients with stress-induced cardiomyopathy P841

S. Lee, H. Yun, E. Kim, M. Soh, L. Jung, W. Kim, J. Ko (Jeonju, KR)

Decreased plasma sphingoid base concentration in patients with systolic heart failure P842

M. Knapp, A. Lisowska, M. Baranowski, J. Gorski, W.J. Musial (Bialystok, PL)

Abnormal myocardial systolic and diastolic myocardial function in obese asymptomatic adolescents P843

G. Bajraktari, A. Batalli-Kepuska, D. Maras, A. Batalli, P. Ibrahimi, F. Jashari, M.Y. Henein (Pristina, KS; London, GB; Umea, SE)

Ejection fraction is a poor predictor of mortality in patients with heart failure P844

R. Sharma, P. Manokar (Chennai, IN)

Cardio-renal syndrome

Predictors of clinical outcome and mortality in patients with cardio-renal syndrome P845

E. Shehu, M. Vavlukis, V. Janakievski, B. Pocesta, H. Taravari, Z. Petkovska, S. Kedev (Skopje, MK)

Effect of levosimendan on markers of renal dysfunction in patients with cardiorenal syndrome P846

P. Rafioli-Stergiou, J. Parissis, V. Bistola, M. Nikolaou, K. Vasiliadis, D. Kremastinos, G. Filippatos, M. Anastasiou-Nana (Athens, GR)

Baseline and worsening renal function during hospitalization in the acute decompensated heart failure clinical profile: an analysis of the RO-AHFS registry P847

A.R. Florian, O. Chioncel, S. Bubenek, D. Vinereanu, A. Ambrosy, C. Macarie, M. Gheorghide (Bucharest, RO; Stanford and Chicago, US)

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Co-morbidities (inc. COPD, anaemia, cachexia)

Assessment of left ventricular performance in patients with COPD

P848

R. Rashad, W.R. Waheed Radwan, S.F. Suzy Fawzy, D.R. Dalia Ragab, M.K. Mervat Khalaf (Cairo, EG)

Clinical, comorbidities and therapeutic particularities in over 75 years old patients with heart failure

P849

R. Avram, S. Laicu, S. Tamasan, C. Vernic, T. Ciocarlie, F. Parv (Timisoara, RO)

Role of anaemia in functional capacity of patients suffering from chronic heart failure in NYHA classes I to III.

P850

R. Lagioia, R. Raimondo, F. Monitillo, P. Guida, M.M. Ciccone, A. Passantino, R. Vaninetti, M.S. Lattarulo, M. Iacoviello, S. Favale (Cassano delle Murge, Tradate and Bari, IT)

Disrupted serotonergic and sympath-adrenal systems in patients with chronic heart failure with and without depression

P851

V. Kirillova (Kazan, RU)

MicroRNA-25 mediates hypercholesterolemia-induced oxidative/nitrosative stress in rat hearts: the role of NADPH oxidase 4

P852

Z.V. Varga, K. Kupai, G. Szucs, J. Paloczi, A. Zvara, A. Gorbe, C. Csonka, G.L. Puskas, P. Ferdinandy, T. Csont (Szeged and Budapest, HU)

Mitral inflow characteristics in patients with liver cirrhosis after transjugular portosystemic shunting

P853

R. Pudil, P. Hulek, V. Safka, J. Vojacek (Hradec Kralove, CZ)

Does the anemia influence the myocardial erythropoietin and its receptors expression in advanced heart failure?

P854

P. Leszek, B. Sochanowicz, K. Brzoska, E. Komuda-Leszek, B. Danko, G. Religa, W. Piotrowski, T. Rywik, J. Rozanski, M. Kruszewski (Warsaw, PL)

Iron deficiency is a key determinant of health-related quality of life in patients with chronic heart failure regardless the anaemia status

P855

C. Enjuanes-Grau, J. Comin-Colet, A. Torrens-Oses, G. Gonzalez-Robledo, M. Cladellas, J.M. Verdu Rotellar, S. Ruiz, J. Bruguera-Cortada (Barcelona, ES)

Cytokines and inflammation

Comparative study of quantitative levels of autoantibodies against tyrosyl-tRNA synthetase and its separate domains at congestive heart failure of different origin

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D.V. Riabenko, I.U.I.U. Kondratiuk, V.I. Bobyk, L.L. Sidorik, A.I. Kornelyuk (Kyiv, UA)

Resveratrol may play a protective role in endothelin-1-induced cardiomyocyte hypertrophy

P858

W.H. Yin (Taipei, TW)

Selective blockade of interleukin-6 receptor improves cardiac dysfunction and left ventricular remodeling in experimental viral cardiomyopathy

P859

P.M. Becher, D. Westermann, D. Lindner, K. Savvatis, H.P. Schultheiss, C. Tschoepe (Berlin, DE)

Cardiac resynchronisation therapy / ICD

Clinical outcome after implantation of cardiac defibrillator

P860

S. Raspopovic, B. Kircanski, G. Nikcevic, V. Jovanovic, S. Djordjevic, N. Radovanovic, M. Zivkovic, V. Bisenic, S.U. Pavlovic, G. Milasinovic (Belgrade, RS)

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Fragmented QRS (fQRS) is the predictor of response to cardiac resynchronization therapy (CRT) in nonischemic dilated cardiomyopathy (DCMP) with narrow QRS
J.H. Lee, J.B. Kim, W.S. Kim, K.S. Kim, E.Y. Choi, B.Y. Joung, M.H. Lee (Seoul, KR) P861

Clinical determinants of the physiological parameters monitored by electronic implantable cardiac devices in heart failure patients P863

N. Cortez-Dias, M. Valente, D. Silva, P. Carrilho-Ferreira, P. Martins, S. Sobral, C. Coelho, A. Bernardes, L. Carpinteiro, J. Sousa (Lisbon, PT)

Cardiac resynchronisation therapy in patients with atrial fibrillation P864

A. Eisen, R. Nevzorov, G. Goldenberg, H. Kuznitz, A. Porter, G. Golovtznier, B. Strasberg, M. Haim (Petah Tikva, IL)

Left ventricular preejection period does not follow improvement of ventricular dyssynchrony in responders to cardiac resynchronization therapy P865

M. Petrovic, M.Z. Petrovic, B. Vujisic-Tesic, G. Milasinovic, D. Trifunovic, I. Nedeljkovic, M. Tesic, I. Petrovic, M. Banovic, M. Ostojic (Belgrade, RS)

[18F]-FDG cardiac positron emission tomography for prediction the response of cardiac resynchronization therapy in patients with dilated cardiomyopathy P866

D.V. Ryzhkova, M.A. Trukshina, V.S. Pavlova, M.Y. Sitnikova (St. Petersburg, RU)

Lack of response to cardiac resynchronization therapy in patients with right bundle branch block is associated to ischemic scarring P867

A. Valle-Munoz, J. Estornell-Erill, M. Corbi-Pascual, E. Lucas-Inarejos, O. Fabregat-Andres, P. Garcia-Gonzalez, J. Restrepo-Calle, A. Quesada-Dorador, R. Paya-Serrano, F. Ridocci Soriano (Albacete and Valencia, ES)

Long-term results after cardiac resynchronization therapy with or without surgical revascularization in patients with ischemic heart failure and left ventricle dyssynchrony. P868

A. Romanov, E. Pokushalov, A. Chernyavskiy, D. Prokhorova, Y. Syrtseva, V. Shabanov, I. Stenin, A. Karaskov (Novosibirsk, RU)

Influence of cardiac resynchronization therapy on mitral regurgitation in patients with central and eccentric retrograde mitral blood flow and different mitral coaptation depths P869

R. Marchenko, S. Durmanov, A. Kozlov, N. Makarova, D. Maksimov, R. Morozov (Penza, RU)

Cardiac resynchronization therapy: do women benefit more than men? Answer from real world. P870

M. Cipriani, M. Lunati, M. Landolina, F. Oliva, G. Misuraca, G. Di Tano, R. Rordorf, S. Guidotti, C. Campo, S. Bissetti (Milan, IT)

Telemedicine & remote patient management

Telemonitoring prediction alarms for detecting upcoming decompensations in heart failure patients using daily weight and trans-thoracic impedance measures. P871

I.G.L. Cuba Gyllensten, A.G. Bonomi, H. Reiter, O. Amft (Eindhoven, NL)

A tailored on-line education and coaching program to increase compliance of heart failure patients P872

W. Stut, C. Deighan, W. Armitage, M. Clark, T. Jaarsma (Eindhoven, NL; Edinburgh, GB; Linköping, SE)

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Very-low-dose therapy in anticoagulation of patients with mechanical heart valve replacement supported by telemedicine, results of study ESCAT III

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H. Koertke, T. Feige, S. Secer (Bad Oeynhausen, DE)

Remote monitoring of ICDs and CRT-Ds: our experience

P874

A. Creta, V. Calabrese, G. Di Giovanni, D. Grieco, D. Ricciardi, G. Di Sciascio (Rome, IT)

Devices

Evaluation of short-term changes in body fluid status by a novel method using a commercially available weight and body-fat analyzer: observations from patients under maintenance hemodialysis

P875

H. Kataoka (Oita, JP)

Acute effects of adaptive servo ventilation on hemodynamics and neurohumoral factors in patients with chronic heart failure

P876

G. Hamano, H. Miura, H. Inui, K. Miyazaki, Y. Kohama, M. Koide, K. Hirooka, Y. Koretsune,

H. Kusuoka, Y. Yasumura (Osaka, JP)

Survival after continuous-flow left ventricular assist device (LVAD) implantation versus heart transplantation (HTx): an Italian single-centre experience.

P877

E. Ammirati, F. Oliva, V. Guida, C. Vittori, A. Verde, M. Cipriani, C. Russo, R. Paino,

L. Martinelli, M. Frigerio (Milan, IT)

Augmentation of cardiac stroke work and reduction of energy consumption by a physiological cardiac assist device that works synchronously with the heart, in sheep with acute or chronic failure

P878

A. Landesberg, A. Shenhav, E. Konyukhov, R. Shofti, Y. Vaknin, O. Lichtenstein (Haifa, IL)

Sympathetic neuronal integrity assessed by cardiac MIBG scintigraphy in left ventricular assist device recipients: a single center experience

P879

G. Coutance, F. Balmont, S. Costo, A. Belin, R. Sabatier, A. Pellissier, D. Agostini (Caen, FR)

Ventricular assist device - VAD - implant for Chagas disease

P880

S.K. Martins, H. Benedetti, P.M. Sallum, R.B. Santos, L.K. Martins, V.S. Andrade,

J. Pinheiro Jr, J.L. Moraes, F.C.C. Mendonca (Sao Paulo, BR)

Mechanical circulatory support programme - a one centre experience

P881

J. Samardzic, M. Petricevic, B. Biocina, B. Skoric, H. Gasparovic, M. Cikes, D. Lovric,

V. Ivancan, S. Konosic, D. Milicic (Zagreb, HR)

Heart transplantation

Severe biventricular hypertrophy and congestive heart failure resulting in a combined heart and hepatic transplantation

P882

B. Rubio Alonso, A. Jurado Roman, J. Molina Martin De Nicolas, B. Diaz Anton,

E. Barrios Garrido- Lestache, R. Martin Asenjo, J. Delgado Jimenez, P. Escribano Subias,

M.A. Gomez Sanchez, M.J. Ruiz Cano (Madrid, ES)

Are there differences in cytomegalovirus infection rates according to calcineurin inhibitors?

P883

M. Rodriguez-Serrano, I.J. Sanchez Lazaro, L. Almenar-Bonet, L. Martinez-Dolz,

E. Rosello-Lleti, F. Buendia-Fuentes, M. Portoles-Sanz, M. Rivera-Otero, A. Salvador-Sanz

(Valencia, ES)

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The influence of ventricular assist devices on long term post transplant outcomes: a single center experience P884
N. Selimovic, G. Dellgren, U. Kjellman, H. Liden, B. Carlstrom, E. Isaksson (Gothenburg, SE)

Disease management programmes

General practitioners perception of heart failure services in Ireland highlights ready access to diagnostics and opinion as major deficiency P885

P. Marsden, J. Gallagher, M. Ledwidge, D. Weakliam, C. Collins, M. O'riordan, B. White, K. McDonald (Dublin, IE)

Cost effectiveness of ivabradine in heart failure patients - an analysis from Serbian perspective P887

J. Mihajlovic, D. Brkic, P. Seferovic, D. Sakac, D. Zivkov-Saponja, I. Ponjevic (Belgrade, Sremska Kamenica and Sombor, RS)

Heart failure - after discharge reassessment and care P888

C. Guedes, R. Simoes, M. Miranda, E. Sousa, L.P. Tavares (Santa Maria da Feira, PT)

Drug therapy, other

Cardiac safety and tolerability, and effects on cardiac function, of tafamidis in patients with non-V30M TTR-FAP P889

T. Damy, D.P. Judge, A. Dogan, K. Berthet, V. Plante-Bordeneuve (Creteil and Paris, FR; Baltimore and Rochester, US)

Levosimendan and dobutamine are almost equally effective in improving myocardial systolic parameters P890

Y. Cavusoglu, A. Nadir, K.U. Mert, F. Mutlu, T. Ulus, A. Birdane, B. Gorenec, A. Unalir (Eskisehir, TR)

Gender-related differences in the prescription of life-saving medications in patients with acute heart failure. P891

N. Kaldoglou, J.T. Parissis, L. Matziari, I. Ikonomidis, M. Nikolaou, P. Rafouli-Stergiou, A. Mebazaa, J. Delgado, M. Anastasiou-Nana, F. Follath (Athens and Thessaloniki, GR; Paris, FR; Madrid, ES; Zurich, CH)

Cabergoline-related risk of heart valve disease: a systematic review and meta-analysis from 11 observational studies P892

R. De Vecchis, A. Ciccarelli, C. Esposito, G. Di Biase, C. Ariano (Naples and Somma Vesuviana, IT)

Outpatients repeated infusion of levosimendan in end stage chronic heart failure: efficacy and safety. P893

S. Longoni, G. Bartesaghi, A. Pozzi, C. Minoia, F. Morandi, J.A. Salerno (Varese, IT)

Aortic ventricle shape changes in patients with chronic heart failure having suffered myocardial infarction P894

O.N. Kurochkina, E. Yerusheva (Syktivkar, RU)

First year of implementation of a heart failure unit in a university hospital P895

C. Fernandez-Vivancos, I. Mendez, A. Castro, A. Diaz, F.J. Rivera, G. Brunstein, P. Garcia De Vinuesa, R.J. Hidalgo, J.M. Cruz (Seville, ES)

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Poster Session

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Hormones / Neurohumoral regulation

Erythropoietin and erythropoietin receptor expression in failing human hearts P896

P. Leszek, B. Sochanowicz, K. Brzoska, E. Komuda-Leszek, W. Piotrowski, T. Rywik, M. Kusmierczyk, J. Rozanski, M. Kruszewski (Warsaw, PL)

Cardiovascular autonomic function in hyperthyroid patients P897

S. Yadav, R. Khadka, K. Agrawal, R. Maskey, M. Lamsal, B.H. Paudel (Dharan, NP)

Metabolism / Diabetes mellitus

Mitofusin 2 tethers mitochondria to the sarcoplasmic reticulum and controls calcium transmission and mitochondrial redox state P898

M. Kohlhaas, M. Meiser, G. Csordas, Y. Chen, G.W. Dorn, C. Maack (Philadelphia and St. Louis, US; Homburg/Saar, DE)

Impact of diabetes on left ventricular function, heart rate variability and QT dispersion in patients with stable angina P899

V. Stoickov, S. Ilic, M. Deljanin Ilic (Nis, RS)

Endogenous protection of myocardial cell energetics in hypoxia and acute diabetes: role of calcium, mitochondrial signaling and Ca IX expression P900

A. Ziegelhoffer, M. Ferko, J. Mujkosova, M. Cagalinec, I. Waczulikova, T. Ravingerova, D. Kincelova, T. Goliasova, S. Pastorekova, B. Ziegelhoffer (Bratislava, SK; Leipzig, DE)

Heart failure imaging

Independent role of left ventricular two-dimensional strain measures in predicting mortality of patients affected by chronic heart failure P901

A. Puzovivo, M. Iacoviello, C. Forleo, M.S. Lattarulo, F. Monitillo, V. Marangelli, S. Favale (Bari, IT)

The importance of assessing left atrial parameters in patients with acute coronary syndrome: how and why? P902

I. Campos Moreira De Almeida, F. Caetano, A. Quaresma, J. Trigo, A. Botelho, P. Mota, A. Leitao-Marques (Coimbra, PT)

Impact of cardiac resynchronization therapy on left atrial geometry: a prospective study P903

N. Moreira, F. Soares, N. Antonio, R. Teixeira, L. Elvas, R. Martins, A.J. Barbosa, M.J. Ferreira, L.A. Providencia (Coimbra, PT)

Acute myocardial infarction as form of presentation of left atrial giant myxoma P904

L. Marta, M. Peres, M. Alves, G.F. Silva (Santarem, PT)

Evaluation of echocardiographic parameters according to their ability to predict outcome in patients with chronic heart failure with left ventricular dysfunction P905

C.M. Santos, M.S. Carvalho, R. Ribeiras, P.R. Santos, G. Cardoso, J. Abecasis, A. Ventosa, C. Aguiar, M.J. Andrade, M. Mendes (Lisbon, PT)

Mitral annulus time intervals for assessment of left ventricular systolic function in ischemic cardiomyopathy P906

I. Shehata, M. Al-Awady, M. Al-Cekelly, M. Al-Daydamony (Zagazig, EG)

Relationship of myocardial sympathetic nervous activity assessed by 123I MIBG and cardiac function in patients with HF P907

M. Kostkiewicz, W. Szot, A. Lesniak-Sobelga, T. Misalski-Jamka, P. Podolec (Krakow, PL)

08:30 - 12:30 Poster Session Poster Area

Diffuse myocardial fibrosis in adults late after palliation of transposition of the great arteries and relation to parameters of heart failure severity P908

C.M. Plymen, D.M. Sado, A.P. Bolger, P.D. Lambiase, A.M. Taylor, M.L. Hughes, J.C. Moon (London and Leicester, GB)

Incidence of left ventricular thrombus in patients with severe ischaemic left ventricular systolic dysfunction P909

F. Papalia, A.M. Mozid, L.C. Davies, A. Mathur (London, GB)

Validating markers of mechanical dyssynchrony by experimental manipulation of interventricular timings: what is needed to make them a reasonable prospect for CRT selection? P910

P.A. Pabari, A. Kyriacou, M. Moraldo, A.D. Hughes, J. Mayet, C.H. Manisty, D.P. Francis (London, GB)

Biomarkers

Associations of methylarginines and homoarginine with diastolic dysfunction in patients at cardiovascular risk with preserved left ventricular ejection fraction P911

A. Tomaschitz, S. Pilz, F. Edelmann, A. Meinitzer, G. Gelbrich, R. Stahrenberg, H.D. Duengen, A. Schmidt, R. Wachter, B. Pieske (Graz, AT; Göttingen, Leipzig and Berlin, DE)

Serum adrenomedullin levels in patients with end-stage renal disease: the impact of interdialytic interval P912

E. Tzatzaki, G. Giannakoulas, V. Kamperidis, D. Kapoukranidou, K. Tsilonis, D. Kosmidis, Z. Pappa, P. Sarafidis, H. Karvounis, I. Styliadis (Thessaloniki, GR)

Analysis of potential heart failure biomarkers in patients with dilated cardiomyopathy P913

A. Bielecka-Dabrowa, J. Rysz, M. Banach (Lodz, PL)

Relationship between the cytokine concentration and severity of heart failure P914

T.A. Abdullaev, N.A. Kurbanov, Y.K. Rakhimova (Tashkent, UZ)

Mean plaquet volume: relation with acute pulmonary embolism severity P915

A. Fernandes, S. Barra, L. Paiva, A. Faustino, G. Costa, J. Trigo, A. Leitao Marques (Coimbra, PT)

Prognostic implications of red cell distribution width in patients with acute heart failure P916

M. Olivares, J. Nunez, J. Sanchis, G. Minana, P. Palau, V. Bodi, S. Madero, M. Pellicer, P. Merlos, A. Llacer (Valencia, ES)

Combined use of multi-biomarkers to improve the prediction of death in systolic heart failure in the elderly - a prospective study with 3 years follow-up P917

J. Jensen, C.B. Bjurman (Gothenburg, SE)

Clinical and prognostic implications of the new high sensitivity troponin assay in acutely decompensated heart failure P918

I. Papadakis, J.T. Parissis, N. Kaldoglou, C. Varounis, P. Psarogiannakopoulos, V. Stassinis, A. Zerva, A. Dima, G. Filippatos, M. Anastasiou-Nana (Athens, GR)

Body mass index, NT-proBNP level and five year survival of patients with coronary artery disease and heart failure P919

E. Nikolaychuk, N.A. Korelskaia, E.A. Bazhenova, O.A. Berkovich, E.I. Baranova, E.V. Shlyakhto (St. Petersburg, RU)

08:30 - 12:30

Poster Session

Poster Area

Nerve growth factor: a potential novel biomarker in heart failure

P920

E. D'elia, A. Pascale, N. Marchesi, M. Augello, L. Calvillo, A. Mortara, S. Govoni, E. Vanoli (Monza, Pavia and Milan, IT)

A reverse epidemiology: low plasma levels of leptin are associated with cardiovascular events in long term follow-up

P921

L. Vida Simiti, I. Apahidean, M. Stoia (Cluj-Napoca, RO)

Cystatin C influence on in-hospital outcomes of coronary artery bypass grafting in patients with acute coronary syndrome and polyvascular atherosclerotic disease

P922

K. Shafranskaya, V.V. Kashtalov, O.L. Barbarash (Kemerovo, RU)

Predictive value BNP measurements in the course of BNP guided treatment of CHF patients

P923

M. Shochat, A. Shotan, M. Kazatsker, A. Asif, Y. Levy, E. Noyman, D. Blondheim, I. Dahan, I. Shochat, S. Meisel (Hadera, IL)

The added value of natriuretic peptides and ECG for the diagnosis of severe cardiac dysfunction in very elderly patients

P924

B. Vaes, B. Boland, C. Scavee, S. Henrard, G. Van Pottelbergh, C. Mathei, A. Pasquet, J.L. Vanoverschelde, N. Speybroeck, J. Degryse (Brussels, BE)

Combining of the level of B-type natriuretic peptide in plasma and parameters of tissue Doppler in an evaluation of left ventricle diastolic dysfunction

P925

D. Bastac (Zajecar, RS)

NT-proBNP level in patients with abdominal obesity and different body mass index

P926

E. Bazhenova, O. Belyaeva, A. Berezina, E. Nikolaychuk, N. Korelskaya, D. Kolodina, V. Kirmos, O. Berkovich, E. Baranova, E. Shlyakhto (St. Petersburg, RU)

NT-proBNP predicts mode of cardiovascular death in decompensated heart failure patients

P927

N. Solomakhina, S.V. Pavlushina (Moscow, RU)

Galectin-3: does it play a role in left ventricular remodelling after myocardial infarction?

P928

R.A.P. Weir, S. Clements, T. Steedman, L.L. Ng, I.B. Squire, H.J. Dargie, J.J.V. McMurray (East Kilbride, Glasgow and Leicester, GB)

Matrix metalloproteinase level can predict left ventricular remodeling and systolic dysfunction after myocardial infarction

P929

M. Abdelhamid, A. El Faramawy, H. Gabr, W. Ammar, F. Al Enizi, H. El Hossary (Cairo, EG)

Nursing

HF patient education: patient- or nurse-centered

P930

K. Ylonen, J. Heikkila (Jyväskylä, FI)

Population studies / Epidemiology

Identification of patients in the supportive and palliative phase of heart failure reduces hospitalisation

P931

R. Beadle, A. Shufflebotham, A. Howell, S. Anderson, J. Rushton, S. Kay, C. Hookey, A. Patwala, D.K. Satchithananda (Stoke On Trent, GB)

08:30 - 12:30 Poster Session Poster Area

The impact of gender on health-related quality of life in patients with chronic heart failure: results of a cross-sectional multicenter evaluation in Spain P932

J. Comin-Colet, M. Anguita, F. Formiga, L. Almenar, M. Crespo-Leiro, L. Manzano,

J. Chaves, T. De Frutos (Barcelona, Cordoba, Valencia, A Coruña and Madrid, ES)

Distribution of end-stage heart failure patients in a single heart transplant center country P933

P. Soos, E. Belicza, D. Becker, L. Kiss, K. Karlocai, Z. Szabolcs, B. Merkely (Budapest, HU)

Heart failure in chronic dialysis patients P934

D. Loncar, M. Tabakovic, D. Hadzovic, E. Smajic, E. Brkic, D. Masic (Tuzla, BA)

5-year monitoring of epidemiological situation considering congestive heart failure P935

E.A. Smirnova, S.S. Yakushin (Ryazan, RU)

Clinical profile of heart failure with preserved ejection fraction in a Romanian general hospital P936

D.T. Zdrenghea, O. Penciu, G. Gusetu, A. Sitar-Taut, D. Pop (Cluj-Napoca, RO)

Psychosocial / Ethical concepts / Education

Psychological distress problems in patients with heart failure P937

T. Suzuki, T. Shiga, N. Hagiwara (Tokyo, JP)

Impact of the name «heart failure» on illness perception- comparison of two populations P938

C.M. Maher, K. Morgan, S. Fall, B. Travers, M. Ruddy, K. McDonald, H. McGee, V. Maher

(Dublin, IE)

Exercise testing & training

Nordic walking enables a safe increase in exercise intensity and may be a more effective training method than walking without poles in patients with HF and healthy subjects P939

A. Lejczak, K. Josiak, K. Wegrzynowska-Teodorczyk, E. Rudzinska, W. Banasiak,

E.A. Jankowska, M. Wozniowski, P. Ponikowski (Wroclaw, PL)

High intensity interval exercise training program improves quality of life and exercise capacity without significant effect on left ventricular function, in patients with chronic heart failure. P940

C. Chrysoshoou, G. Tsitsinakis, D. Tsiachris, A. Tsantilas, J. Vogiatzis, E. Herouvim,

N. Koulouris, C. Pitsavos, D. Tousoulis, C. Stefanadis (Athens, GR)

Influence of cardiac rehabilitation on exercise capacity parameters in cardio-pulmonary exercise test P941

P.B. Balsam, R.Z. Zaczek, R.G. Glowczynska, K.J.F. Filipiak, G.O. Opolski (Warsaw, PL)

Prognosis

Relationship of chest X-ray findings to risk of cardiovascular death or heart failure hospitalization across a broad spectrum of heart failure patients: results from CHARM P942

D. Castagno, H. Skali, M. Takeuchi, K. Swedberg, S. Yusuf, C.B. Granger, S.D. Solomon,

M.A. Pfeffer, J.J.V. McMurray (Boston and Durham, US; Gothenburg, SE; Hamilton, CA;

Glasgow, GB)

Self-rated physical functioning is a predictor of long term mortality in heart failure P943

T. Hoekstra, T. Jaarsma, H. Hillege, D.J. Van Veldhuisen, R. Sanderma, I. Lesman-Leegte (Groningen, NL; Linköping, SE)

08:30 - 12:30	Poster Session	Poster Area
Heart failure with recovered ejection fraction: a special clinical entity		P944
C. Aguiar, M.S. Carvalho, A. Ventosa, G. Cardoso, M. Mendes (Carnaxide, PT)		
Prognostic significance of mild heart failure after a non-ST segment elevation acute myocardial infarction		P945
V. Ramos, S. Rocha, C. Vieira, S. Ribeiro, C. Galvao, J. Martins, J. Marques, P. Azevedo, L.M. Pereira, A. Correia (Braga, PT)		
Prognosis of left ventricular systolic function recovery		P946
F.A. Cunha, C. Paulo, A.S. Silva, R. Pimentel, S. Silva, O. Laszczynska, P. Lourenco, A. Azevedo, F. Frioies, P. Bettencourt (Porto, PT)		
Factors associated with clinical outcomes in patients of 60 years and older with chronic heart failure		P947
V.N. Larina, B.B. Bart (Moscow, RU)		
Microalbuminuria and acute coronary syndrome: a new marker to assess at admission?		P948
S. Ribeiro, A. Gaspar, C. Vieira, V. Ramos, C. Braga, P. Azevedo, M.A. Pereira, A. Correia (Braga, PT)		
TIMI risk score: an outdated risk prediction tool for acute coronary syndrome?		P949
I. Rangel, C. Sousa, J.P. Goncalves, A. Sousa, A.S. Correia, M. Paiva, V. Ribeiro, F. Melao, C. Lopes, M.J. Maciel (Porto, PT)		
Long-term prognosis factors in patients with non-ischemic dilated cardiomyopathy		P950
I. Ruiz Zamora, J.M. Garcia Pinilla, J. Robledo Carmona, L. Morcillo Hidalgo, E. De Teresa Galvan (Malaga, ES)		
Predictors of cardiac death due to congestive heart failure in patients treated with primary coronary intervention for acute myocardial infarction: 30-day follow up period		P951
I. Nedeljkovic, M. Ostojic, B. Vujisic-Tesic, M. Petrovic, D. Trifunovic, V. Giga, J. Stepanovic, A. Djordjevic-Dikic, B. Beleslin, M. Banovic (Belgrade, RS)		
Pathophysiology		
Increased dyssynchrony in calcium removal in ventricular cardiac myocytes from infarcted pig hearts		P952
F.R. Heinzl, F. Hohendanner, N. Macquaide, G. Antoon, K.R. Sipido, B.M. Pieske (Graz, AT; Leuven, BE)		
Clinical predictors of enhanced peripheral chemosensitivity in patients with chronic systolic heart failure - pilot study results		P953
P. Niewinski, Z.J. Engelman, M. Fudim, E.A. Jankowska, W. Banasiak, P. Ponikowski (Wroclaw, PL; Auckland, NZ; Duesseldorf, DE)		
To the question of disturbance of renal hydruretic function in chronic heart failure		P954
L.V. Khorunzha, A.K. Merzon (Donetsk, UA)		
Right ventricular function		
How is the behaviour of pulmonary vascular resistance and right ventricular function in patients with interventricular dyssynchrony consequent to permanent ventricular pacemaker?		P955
A.R. Santos, B. Picarra, A.F. Damasio, D. Neves, P. Semedo, P. Dionisio, R. Matos, M. Leitao, J. Aguiar (Évora, PT)		

08:30 - 12:30 Poster Session Poster Area

Echocardiographic assessment of right ventricular diastolic function in patients on chronic hemodialysis P956

M. Isailovic-Kekovic, P. Kekovic (Prokuplje, RS)

Left ventricular function

Left ventricular diastolic dysfunction in severe heart failure patients P957

M. Petrovic, M.Z. Petrovic, B. Vujisic-Tesic, G. Milasinovic, D. Trifunovic, M. Boricic, M. Tesic, I. Petrovic, M. Tomic-Dragovic, P. Seferovic (Belgrade, RS)

Systolic longitudinal left ventricular function in diabetic patients with pseudonormal mitral flow P958

A. Stevanovic, M. Dekleva, M. Krotin, S. Trajic, N. Paunovic, R. Cvjetan, A. Simic, V. Andric, G. Podnar (Belgrade, RS)

Psoriasis: a localized skin disorder or a systemic inflammatory disease affecting left ventricular myocardial function P959

S.W.G. Bakhoun, S.A. Ali, D.A. Bassiouny, S.M.R. El-Tahlawi, O. Shaker (Cairo, EG)

Effect of haemodialysis on diastolic left ventricular function: a Doppler echocardiographic study P960

P. Kekovic, M. Isailovic - Kekovic (Prokuplje, RS)

Hypertension / LV hypertrophy

Cross-talk between NADPH oxidases and peroxisome proliferator activated receptor-alpha differentially regulates left ventricular hypertrophy via specific activation of key signalling pathways. P961

A. Harvey, E. Robinson, B.J. Mcdermott, D.J. Grieve (Belfast, GB)

In patients with heart failure, does blood pressure predict prognosis similarly in those with and without atrial fibrillation? P962

J.G.F. Cleland, E. Wright, J. Zhang, P. Pellicori, P. Costanzo, T. Mabote, A. Tageldien, N. Sherwi, K. Wong, A.L. Clark (Kingston Upon Hull, GB)

Role of heart rate reduction in the prevention of experimental heart failure: comparison between If-channel blockade and beta-receptor blockade. P963

P.M. Becher, D. Lindner, K. Miteva, K. Savvatis, B. Schmack, S. Van Linthout, D. Westermann, H.P. Schultheiss, C. Tschoepe (Berlin and Heidelberg, DE)

Anemia and left ventricular hypertrophy in hypertensive patients P964

I.M. Mozos, C. Serban, A. Tudor, L. Susan (Timisoara, RO)

HFpEF - Heart failure with preserved ejection fraction

Prevalence of interatrial dyssynchrony in patients with preserved ejection fraction admitted for acute heart failure P965

J.-C. Eicher, A. Mathe, G. Laurent, G. Bertaux, O. Barthez, J.-E. Wolf (Dijon, FR)

Effects of functional electrical stimulation on exercise capacity and echocardiographic markers of diastolic function in heart failure patients with preserved systolic function P966

A. Karavidas, J.T. Parissis, X. Driva, S. Arapi, M. Nikolaou, V. Pirgakis, G. Filippatos, M. Anastasiou-Nana (Athens, GR)

08:30 - 12:30

Poster Session

Poster Area

Frequency of pulmonary hypertension in patients with heart failure with preserved ejection fraction

P967

C.C. Diaconu, D. Bartos, E. Badila, M. Hostiu, A. Daraban (Bucharest, RO)

Effect of ivabradine on endothelial function in diastolic and right heart failure patients

P968

J.I.A. Orea-Tejeda, K. Balderas-Munoz, L. Castillo-Martinez, G. Sanchez-Vidal, O. Infante-Vazquez, M. Utrera-Lagunas, R. Martinez-Memije, B. Becerra-Luna, E. Colin-Ramirez, N. Sanchez Ortiz (Mexico City, MX)

Animal models and experimentation

Inhibition of cannabinoid receptor-1 reduces arterial stiffness in the rat model of heart failure

P969

S. Slavic, R. Kemnitz, L. Paulis, J. Baulmann, T. Unger, E. Kaschina (Vienna, AT; Berlin and Lübeck, DE; Bratislava, SK)

Chronic activation of the adenosine A1-receptor by the partial A1 receptor agonist Capadenoson preserves contractility in a volume and pressure overload model of heart failure

P970

A. Baartscheer, B. Albrecht (Amsterdam, NL; Wuppertal, DE)

The effects of melatonin on heart and aorta morphology in experimental metabolic syndrome.

P971

O. Pechanova, J. Parohova, S. Vrankova, A. Barta, M. Kovacsova, P. Janega (Bratislava, SK)

Direct effects of two porphyrin compounds on oxidative phosphorylation in isolated rat heart mitochondria

P972

S.L. Trancota, C. Enache, O.M. Duicu, E. Fagadar-Cosma, D. Muntean (Timisoara, RO)

Cell Signalling

Advanced glycation end products mediate direct myocardial effects through a reactive oxygen species dependent process

P973

Z. Hegab, S. Gibbons, T.M.A. Mohammed, L. Neyses, M.A. Mamas (Manchester, GB)

Antioxidant rich red palm oil can enhance cell-to-cell communication in spontaneously hypertensive rats.

P974

C. Viczenczova, B. Bacova, J. Radosinska, V. Knezl, V. Dosenko, T. Benova, J. Van Rooyen, N. Tribulova (Bratislava, SK; Kyiv, UA; Bellville, ZA)

Autocrine/paracrine signaling via adenosine a1 receptor is arrhythmogenic in the developing heart.

P975

E.R. Robin, J.S. Sabourin, E.R. Raddatz (Lausanne, CH)

Ischemia / Reperfusion / Reconditioning / Postconditioning

The role of nitric oxide donors as pharmacological postconditioning agents.

P976

I. Andreadou, A. Georgakopoulos, S.I. Bibli, A. Zoga, M. Koufaki, D.T.H. Kremastinos, M. Anastasiou-Nana, E.K. Iliodromitis (Athens, GR)

Evaluation of novel structural analogues of apelin-12 in myocardial ischemia and reperfusion injury

P977

Y. Pelogeikina, O. Pisarenko, V. Shulzhenko, L. Serebryakova, O. Tskitishvili, I. Studneva, D. Khatri, Z. Bespalova, M. Sidorova (Moscow, RU)

08:30 - 12:30 Poster Session Poster Area

Active reperfusion strategy in young patients with ST-elevation myocardial infarction results in good short and long-term outcomes P978

O. Miroyubova, A. Iakovleva (Arkhangelsk, RU)

Mitochondrial protein S-nitrosation at reperfusion protects the mouse heart against ischemia-reperfusion injury P979

C. Methner, E.T. Chouchani, R.A.J. Smith, M.P. Murphy, T. Krieg (Cambridge, GB; Otago, NZ)

Late preconditioning or bioflavonoid treatment prevent up-regulation of 5-lipoxygenase expression and translocation in left and right heart ventricles after ischemia and reperfusion P980

A. Portnychenko, O. Moybenko, M. Vasilenko, T. Lapikova-Bryginska (Kyiv, UA)

Maturation and gender influence susceptibility of langendorff-perfused rat heart to ischemia-reperfusion injury. P981

V. Ledvenyiova, D. Pancza, J. Matejikova, T. Ravingerova (Bratislava, SK)

Does temporary coronary sinus occlusion initiate the SAFE pathway? P982

P. Wadowski, M. Andreas, C. Khazen, T. Vukovich, K. Aumayr, A. Jusic, D. Milasinovic, N. Pfisterer, N. Khatami, W. Mohl (Vienna, AT)

Molecular biology / Genetics

Interstitial fibrosis and overexpression TGF-beta signaling pathway in end-stage heart failure P983

M. Szperl, A. Parulski, E. Stankiewicz, M. Franaszczyk, M. Roszczyrko, M. Fedorowicz, A. Rozanski (Warsaw, PL)

Does I/D ACE gene polymorphism influence selected echocardiographic and clinical parameters of heart failure in patients after myocardial infarction treated with ACE inhibitors? P984

L. Polak, A. Ledakowicz-Polak, M. Zielinska, K. Chizynski (Lodz, PL)

Is the expression of peroxisome proliferator-activated receptor gamma in patients with ischemic heart disease after coronary bypass grafting a predictor of heart failure development? Preliminary data P985

I. Wojtkowska, J. Siedlecki, Z. Juraszinski Z.A. Tysarowski, M. Marona, L. Greszata, J. Rozanski, J. Stepinska (Warsaw, PL)

A meta-analysis on anticancer drugs cardiotoxicity P986

E. Greco, R. Greco (Belvedere M.mo and Milan, IT)

14:00 - 18:00

Moderated Posters

Moderated Poster Area

Moderated posters - Session 4 - 15:45-16:30

Chairperson: G. Hasenfuss (Göttingen, DE)

Posters must be set up between 13:30 and 14:00 and removed between 18:00 and 18:30 to be on display between 14:00 - 18:00 in the designated Moderated Poster Area.

These abstracts were chosen for their outstanding quality and will be presented during the Moderated Poster Session between 15:45 and 16:30.

- Increased afterload induces pathological cardiac hypertrophy in engineered heart tissue** P987
M.N. Hirt, L.M. Bartholdt, N.A. Soerensen, J. Stenzig, S. Schaaf, A. Eder, A. Hansen, T. Eschenhagen (Hamburg, DE)
- Effects of digitoxin on myocardial remodeling in an experimental fibrosis model** P988
C. Mady, L. Tavares, F. Ramires, F. Pessoa, A. Oliveira, J. Ferreira Filho, R. Correa, V. Salemi (Sao Paulo, BR)
- Microvascular resistance as a novel outcome measure in ischemic heart disease.** P989
S.J. Jansen Of Lorkeers, S. Koudstaal, T.I.G. Van Der Spoel, T.P. Van De Hoef, P.A. Doevendans, M. Siebes, J.J. Piek, S.A.J. Chamuleau (Utrecht and Amsterdam, NL)
- Hypoxia induced epigenetic modifications in cardiac fibroblasts are associated with a myofibroblast like phenotype** P990
C.J. Watson, C. Robinson, M. Xu, P. Collier, R. Neary, M. Ledwidge, K. McDonald, J. Baugh (Dublin, IE)
- Sympathetic endothelin A receptors regulate cardiomyocyte hypertrophy** P991
L.H. Lehmann, M.M. Kreusser, S.J. Buss, S. Hardt, M. Yanagisawa, H.A. Katus, J. Backs (Heidelberg, DE; Dallas, US)
- Reduced efficiency of energy conversion into work by intact papillary muscles from ACTC E99K transgenic compared to wild type mice** P992
W. Song, S.B. Marston, R. Woledge, N. Curtin (London, GB)
- Reno-cardial cross-talk in stimulating beta-1 antibody-induced cardiomyopathy** P993
S. Hartmann, R. Schneider, C. Held, C. Zechmeister, C. Bitterer, M.J. Lohse, G. Ertl, R. Jahns, V. Boivin (Wuerzburg, DE)
- The induction of mild hypothermia prevents sympathetic activation in-vivo and improves in-vitro myocardial beta-adrenergic responsiveness during experimental sepsis in pigs.** P994
M. Schwarzl, M. Wallner, S. Seiler, S. Huber, P. Steendijk, H. Maechler, M. Truschnig-Wilders, D. Von Lewinski, B. Pieske, H. Post (Graz, AT; Leiden, NL)
- AT2 receptor stimulation improves cardiac function and decreases fibrosis 6 weeks after myocardial infarction in the rat** P995
D. Lauer, S. Slavic, M. Sommerfeld, T. Unger, U.M. Steckelings, E. Kaschina (Berlin, DE)
- Ischemia induces diastolic mechanical dyssynchrony that is ameliorated by left ventricular unloading-Experimental study** P996
I. Pozios, I. Terrovitis, A. Ntalianis, N. Diakos, K. Malliaras, E. Tseliou, L. Katsaros, C. Kapelios, A. Papalois, J. Nanas (Athens, GR)

14:00 - 18:00

Poster Session

Poster Area

Poster session 4

Posters must be set up between 13:30 - 14:00, removed between 18:00 - 18:30, to be on display between 14:00 - 18:00.

The presenter should be available by the poster during the coffee break (15:45 to 16:30) in order to discuss the research with audience.

Acute heart failure

Acute heart failure as first manifestation of adrenal tumor P997

G. Kalpakou, N. Kopanas, Y. Albarazi, P. Stravopodis (Zakynthos, GR)

Quality of life in patients with heart failure P998

S. Kurtalic, F. Barakovic, D.Z. Halilovic, N. Kurtalic, M. Nurkic, N. Mosorovic (Bihac, Tuzla and Lukavac, BA)

Outcome of patients presenting with STEMI and cardiogenic shock- contemporary single center's experience P999

G. Greenberg, A. Assali, H. Assa-Vaknin, D. Brosh, I. Teplitsky, A. Battler, R. Kornowski, E. Lev (Petah Tikva, IL)

Congestive heart failure secondary to intraventricular asynchrony: a curious mechanism. P1000

J. Molina Martin De Nicolas, E. Barrios Garrido-Lestache, B. Diaz Anton, B. Rubio Alonso, C. Granda Nistal, B. Garcia-Aranda Dominguez, J.M. Montero Cabezas, A. Jurado Roman, J.J. Parra Fuertes, R. Martin Aserjo (Madrid, ES)

Trends in publications on stress-induced cardiomyopathy P1001

B. Redfors, Y. Shao, E. Omerovic (Gothenburg, SE)

Clinical and epidemiological characteristics of patients with acute heart failure: gender - dependent survey P1002

I. Potocnjak, T. Bodrozic-Dzadic, I. Smit, M. Milosevic, V. Degoricija (Zagreb, HR)

Characterization of acute heart failure hospitalizations in a portuguese cardiology department P1003

A.C. Gomes, J. Silva Cardoso, L. Azevedo, R. Almeida, T. Pinho, J. Maciel (Porto, PT)

Balloon aortic valvuloplasty in severe aortic stenosis and its impact on pulmonary hypertension, mitral regurgitation and left ventricular systolic function P1004

P. Kogoj, J. Ambrozic, M. Bunc (Ljubljana, SI)

Uric acid, allopurinol therapy and mortality in patients with acute heart failure P1005

F. Malek, P. Ostadal, J. Parenica, J. Jarkovsky, J. Vitovec, P. Widimsky, A. Linhart, A. Kruger, D. Vondrakova, J. Spinar (Prague and Brno, CZ)

Aortic stenosis in shock: how far can we go? P1006

F. Caetano, I. Almeida, L. Seca, A. Botelho, P. Mota, A. Leitao Marques (Coimbra, PT)

Stratification of intensive care patients after open heart surgery P1007

Z. Zhuiko, A. Zhuiko, V. Kardash, O. Krasko (Minsk, BY)

Short and long-term outcome of impedance-guided preemptive therapy provided to prevent pulmonary congestion-edema in the course of acute myocardial infarction P1008

M. Shochat, M. Kazatsker, A. Asif, Y. Levy, T. Sigalov, D. Blondheim, I. Dahan, I. Shochat, A. Shotan, S. Meisel (Hadera, IL)

Left ventricular dysfunction in acute myocardial infarction: are there «good» inotropes? P1009

F. Caetano, I. Almeida, J. Silva, A. Botelho, P. Mota, A. Leitao Marques (Coimbra, PT)

14:00 - 18:00

Poster Session

Poster Area

No effect of Intravenous immunoglobulin (IVIg) on left ventricular remodeling after acute myocardial infarction P1010

L. Gullestad, S. Orn, K. Dickstein, C. Eek, T. Edvardsen, B. Bendz, H.J. Smith, A. Yndestad, T. Ueland, P. Aukrust (Oslo, NO)

Validation of a new questionnaire to measure physical well-being in patients with chronic heart failure (CIBIS-ELD Study) P1011

E. Tahirovic, S. Inkrot, T. Trippel, V. Tscholl, D. Obradovic, D. Jahandar Lashki, M. Osterland, W. Haverkamp, W. Doehner, H.-D. Duengen (Berlin, DE)

Constrictive pericarditis: a major diagnostic challenge P1012

I. Rangel, C. Sousa, R. Lopes, A. Sousa, A.S. Correia, M. Paiva, V. Ribeiro, F. Melao, P.B. Almeida, M.J. Maciel (Porto, PT)

A new radiological score for the verification of evolving pulmonary congestion-edema in the course of acute myocardial infarction P1013

M. Shochat, M. Kazatsker, A. Asif, Y. Levy, E. Noyman, D. Blondheim, I. Dahan, I. Shochat, A. Shotan, S. Meisel (Hadera, IL)

Renal dysfunction and acute heart failure. Preliminary experiments on the use of NGAL as a marker of early renal tubular damage P1014

M. Bonadies, S. Mazzetti, P. Delfino, I. Fracchioni, M. Chioffi, E. D'elia, V. Casali, G. Specchia, A. Mortara (Monza, IT)

Heart failure diagnosis

Prognostic significance of myocardial stress markers in left ventricular remodeling in patients with kidney transplants P1015

N.P. Mitkovskaya, E.A. Grigorenko, O.V. Kalachik (Minsk, BY)

Predictors of ischemic cardiomyopathy in coronary angiography for heart failure with reduced ejection fraction P1016

B. Biselli, E.F. Pessoa De Melo, R.M. Viera De Melo, G.E. Conceicao-Souza, H.B. Ribeiro, E.A. Bocchi, E.E. Ribeiro (Sao Paulo, BR)

An evaluation of NT-proBNP testing in the diagnosis of heart failure P1017

D. Sharma, J.S. Hamilton, M. Smye, P.W. Auld, D.P. Nicholls (Belfast, GB)

Contribution of tissue Doppler in the detection of preclinical diastolic left ventricular dysfunction in moderate aortic stenosis P1018

T.F. Filali, F.W. Fehri, M. Mimouni, D. Lahidheb, M. Gommith, N. Hajlaoui, H. Mahfoudhi, E. Saaidi, A. Hagui, H. Haouala (Tunis, TN)

The nonlinear parameter short time Poincare plot is marker of systolic dysfunction of left ventricle in patients with myocardial infarction P1019

B.M. Milovanovic, R.V. Radivojevic, M.S. Mutavdzin, S.J. Saric, N.J. Ninkovic, Z.I. Zivanovic, R.S. Radovanovic (Belgrade, RS)

A validated score for the assessment of heart failure severity in adults late after Mustard or Senning palliation of transposition of the great arteries P1020

C.M. Plymen, M.L. Hughes, N. Picaut, V.F. Panoulas, J.E. Deanfield, S. Cullen, F. Walker, A.M. Taylor, P.D. Lambiase, A.P. Bolger (London and Leicester, GB)

14:00 - 18:00 Poster Session Poster Area

Arrhythmias and treatment

A rare case of recurrent tachycardia induced cardiomyopathy due to atrial flutter P1021
M. David, S. Rothman, T. Shapiro (Philadelphia, US)

Time course of improvement of left ventricular function after treatment of incessant tachyarrhythmia P1022

S.W. Han, K.H. Ryu, S.H. Kim, H.J. Kim, J.J. Kim, M.M. Lee, M.C. Cho (Seoul, Ilsan and Cheongju, KR)

Hypoxic adaptation and arrhythmia prevention in patients with ischemic cardiomyopathy and chronic heart failure P1023

T. Dubovik, L. Rachok (Minsk, BY)

Angiotensin II-induced Ca²⁺-dependent depolarisations in mouse and human cardiac myocytes. P1024

M. Sacherer, S. Ljubojevic, P. Stiegler, M. Sereinigg, B.M. Pieske, F.R. Heinzel (Graz, AT)

Atrial fibrillation

Cardiopulmonary exercise testing in patients with heart failure and atrial fibrillation under beta-blocker therapy P1025

G. Guimaraes, P.R. Chizzola, I.S. Teixeira-Neto, A.C. Tavares, G.C.E. Souza, S.A. Ferreira, V.S. Issa, J.F.C. Belli, F. Bacal, E.A. Bocchi (Sao Paulo, BR)

Atrial fibrillation, heart failure and sleep apnea:inside the complex relationship P1026

M.V. Matassini, F. Guerra, L. Cipolletta, S. Maffei, M. Brambatti, S. De Luca, A. Capucci (Ancona and Osimo, IT)

Cheyne-Stokes respiration and incident atrial fibrillation in patients with chronic heart failure P1027

T. Bitter, G. Noelker, K.J. Gutleben, J. Vogt, C. Prinz, D. Horstkotte, O. Oldenburg (Bad Oeynhausen, DE)

Predictive factors for new-onset atrial fibrillation in patients hospitalized for acute heart failure syndromes: an analysis of the RO-AHFS registry P1028

I. Codoiu, O. Chioncel, S. Bubenek, R. Capalneau, D. Vinereanu, D.D. Ionescu, A. Ambrosy, C. Macarie, M. Gheorghide (Bucharest, Cluj-Napoca and Craiova, RO; Stanford and Chicago, US)

Cancer / Cardiotoxicity

Imatinib mesylate (IM) induced cardiomyopathy involves resident cardiac progenitor cells P1029

L. Prezioso, M. Savi, C. Frati, G. Graiani, D. Madeddu, S. Cavalli, B. Lorusso, A. Gervasi, D. Moschetti, F. Quaini (Parma, IT)

Ranolazine blunts anthracyclines-cardiotoxicity in experimental models in vitro and in vivo. P1030

C.G. Tocchetti, C. Coppola, D. Rea, G. Piscopo, G. Riccio, A. Barbieri, A. Giudice, C. De Lorenzo, C. Arra, N. Maurea (Naples, IT)

Speckle tracking echocardiography in the early detection of anthracycline-induced cardiotoxicity P1031

C. Mornos, D. Cozma, A. Mornos, L. Petrescu, M. Valcovici, A. Ionac (Timisoara, RO)

14:00 - 18:00

Poster Session

Poster Area

Hypertrophic cardiomyopathy

Eosinophilic myocarditis in a patient with hypertrophic cardiomyopathy P1032

I. Rangel, E. Martins, C. Sousa, A. Sousa, A.S. Correia, M. Paiva, V. Ribeiro, F. Melao, M. Vasconcelos, M.J. Maciel (Porto, PT)

Pharmacological treatment for patients with hypertrophic cardiomyopathy: little evidence, large gaps in knowledge P1033

R. Spoladore, R. D'amato, I. Olivotto, L. D'angelo, D. Piraino, F. Cecchi, P.G. Camici (Milan and Florence, IT)

Tissue Doppler imaging to predict clinical course in hypertrophic cardiomyopathy. Prognostic role and comparison with other clinical and instrumental variables. P1034

G. Finocchiaro, M. Merlo, B. Pinamonti, G. Barbati, A. Pivetta, A. Cocciolo, L. Massa, G. Secoli, F. Lo Giudice, G. Sinagra (Trieste, IT)

Coronary flow reserve on left anterior descending coronary artery in hypertrophic cardiomyopathy: impact of extravascular compressive forces P1035

M. Tesic, A. Djordjevic-Dikic, D. Trifunovic, O. Petrovic, M. Petrovic, M. Boricic, B. Beleslin, M. Ostojic, B. Vujisic-Tesic, P. Seferovic (Belgrade, RS)

Dilated cardiomyopathy

Unusual course of dilated cardiomyopathy P1036

C. Gherghinescu, A.O. Ciobanu, M. Cinteza, D. Vinereanu (Bucharest, RO)

Features of baroreflex functions at patients with dilated cardiomyopathy P1037

T.A. Abdullaev, S.S. Davirova, I.A. Tsoi (Tashkent, UZ)

Dilated cardiomyopathy of toxic etiology: a potentially reversible entity P1038

I. Rangel, M. Amorim, A. Goncalves, C. Sousa, F. Macedo, P. Bettencourt, M.J. Maciel (Porto, PT)

Heart failure in patient with Becker muscular dystrophy P1039

M. Damjanovic, D. Djordjevic-Radojkovic, G. Koracevic, M. Pavlovic, S. Apostolovic, S. Salinger-Martinovic, M. Zivkovic, D. Stanojevic (Nis, RS)

Effect of levosimendan on coronary artery flow reserve in patients with idiopathic dilated cardiomyopathy and advanced heart failure P1040

M. Stamatelatos, N. Kouris, V. Kostopoulos, G. Makavos, E. Kartsagoulis, D. Damaskos, A. Vlahantonis, C.D. Olympios (Athens, GR)

Quetiapine induced peri-partum cardiomyopathy: a case report and review of the literature P1041

R. Shakur, M.K. Kaler, R. Howard (London, GB)

Registry of dilated cardiomyopathy in the Russian Federation. The first results. P1042

E.N. Alaeva, O.Y. Narusov, S.N. Tereshchenko, A.G. Kochetov (Moscow, RU)

Stretch induced inflammation in dilated cardiomyopathy. Role of fibroblasts P1043

D. Westermann, D. Lindner, H.P. Schultheiss, C. Tschoepe (Berlin, DE)

14:00 - 18:00

Poster Session

Poster Area

Cardiomyopathy (other)

A rare cause of dyspnea: an unusual clinical presentation of left ventricular noncompaction P1044

E.M.M. Elena Mejia Martinez, S.M.G. Sandra Mayordomo Gomez, E.B.L. Elvira Barrios Lestache Garride, S.D.P. Santiago De Dios Perez, R.M.A. Roberto Martin Asenjo, A.F.C. Adolfo Fontenla Cerezuela, C.G.N. Carolina Granda Nistal, R.S.A. Ricardo Salgado Aranda, J.P.F. Juan Jose Parra Fuentes, C.S.C. Carlos Saenz De La Calzada (Madrid, ES)

Cardiac resynchronization therapy in a patient with amyloid cardiomyopathy P1045

D. Zizek, M. Cvijic, I. Zupan (Ljubljana, SI)

Impact of obesity on survival and New York Heart Association functional class in patients with systolic heart failure P1046

A. Taiyem, T. Conboy, M. Bdeir (Riyadh, SA)

Correlation of echocardiographic parameters changes with changes in endomyocardial biopsies of the patients with inflammatory cardiomyopathy P1047

J. Krejci, P. Hude, L. Spinarova, V. Zampachova, A. Sirotkova, T. Freiburger, E. Nemcova, H. Poloczkova, L. Pecen (Brno, CZ)

The clinical course of patients with tachycardia induced cardiomyopathy is better compared to patients with idiopathic dilated cardiomyopathy P1048

N. Michelinakis, J. Terrovitis, V. Sousonis, C. Kapelios, E. Kaldara, A. Ntalianis, S. Sventzouri, S. Vakrou, Z. Margari, J. Nanas (Athens, GR)

Left ventricular changes in patients with acromegaly: echocardiographic study P1049

M. Petrovic, B. Vujisic-Tesic, S. Damjanovic, D. Trifunovic Zamaklar, I. Petrovic, O. Ivkovic, I. Nedeljkovic (Belgrade, RS)

Theory of chaos in detecting risk for SCD in ARVD cardiomyopathy P1050

I. Vranic (Belgrade, RS)

Parvovirus B19 genome presence in the myocardium and serological findings in patients with new onset dilated cardiomyopathy P1051

H. Poloczkova, J. Krejci, P. Hude, L. Spinarova, T. Freiburger, E. Nemcova, A. Sirotkova, V. Zampachova (Brno, CZ)

Cardio-renal syndrome

Impaired renal function and ventricular arrhythmia risk in post-infarction heart failure patients P1052

I.M. Mozos, M. Hancu (Timisoara, RO)

Levosimendan treatment compared with standard therapy improves acute cardio-renal syndrome in acute decompensated heart failure. P1053

M.J. Garcia Gonzalez, P. Jorge Perez, B. Mari Lopez, J. Gonzalez Gonzalez, S. Ramos De La Rosa, M. Dorta Martin, E. Sola Gonzalez, A. Sosa Jimenez, A. Lara Padron (S. Cristóbal de La Laguna - Tenerife, ES)

Survival and heart failure therapy in chronic dialysis patients with heart failure with reduced left ventricular ejection fraction P1054

D.A.R. Derthoo, W. Droogne, A. Ciarka, K. Claes, B. Bammens, J. Van Cleemput, J. Vanhaecke, S. Janssens (Leuven, BE)

14:00 - 18:00

Poster Session

Poster Area

Co-morbidities (inc. COPD, anaemia, cachexia)

Aortic stenosis, heart failure and gastrointestinal bleeding: a clinical case P1055

D. Bartos, E. Badila, M. Hostiuc, C.C. Diaconu (Bucharest, RO)

Cachexia associated with chronic obstructive pulmonary disease, and myocardial repercussions. P1056

E.-T. Siniorakis, S. Arvanitakis, N. Pantelis, K. Roussou, P. Pelonis, D. Marinis, N. Marinakis, G. Psatheris, D. Giannopoulos, S. Limberi (Athens, GR)

Anemia management in heart failure patients: data from the observational registry CARMES I. P1057

C. Caira, M.C. Gatto, M. Pagliaro, L. Fratarcangeli, E. Canali, C.A. Centurion Aznaran, R. Di Pietro, V. Di Spirito, G. Ansalone, F. Fedele (Rome and Cassino, IT)

Depression in diastolic heart failure P1058

M.C. Tomescu, A.M. Mavrea, I.M. Citu, M. Andor, A. Pogorevici, I. Korpos-Gyalai (Timisoara, RO)

Is anaemia a factor of bad prognosis in acute heart failure? P1059

A.P. Bohlen Delgado, B. Rodrigues, D. Moreira, L. Ferreira Santos, E. Correia, P. Gama, J. Oliveira Santos (Viseu, PT)

Burden of impaired pulmonary function and their clinical associates in men with systolic heart failure P1060

B. Krakowiak, M. Olesinska, B. Paleczny, K. Ludwikowska, W. Banasiak, P. Ponikowski, E.A. Jankowska (Wroclaw, PL)

Are there any differences between diabetics and non diabetics in chronic heart failure? P1061

M.K. Benjelloun, M. Alj, S. Hellab, R. Habbal (Casablanca, MA)

Functional and absolute iron deficiency: are both detrimental on prognosis of heart failure patients? P1062

M. De Antonio, J. Lupon, J. Comin, A. Galan, A. Urrutia, B. Gonzalez, R. Cabanes, L. Cano, E. Zamora, A. Bayes-Genis (Badalona and Barcelona, ES)

Cytokines and inflammation

Different inflammatory response in STEMI patients treated with PCI according to the infarction related artery and the role of acute mitral regurgitation P1063

I. Djuric, S. Obradovic, B. Dzudovic, R. Romanovic, S. Rusovic, Z. Jovic, B. Gligic (Belgrade, RS)

Peculiarities of chronic heart failure course and prognosis in patients after acute coronary syndrome depending on C-reactive protein level P1064

N. Koziolova, E. Polyanskaya (Perm, RU)

TNF-alpha/TNF- receptor changes in brains of mice with myocardial infarction indicate persistent neuroinflammation P1065

R.G. Schoemaker, C. Pol, M. Zuidwijk, W.S. Simonides, M.J.L. De Jongste, U.L.M. Eisel (Groningen and Amsterdam, NL)

Mitochondrial DNA is a putative activator of cardiac fibroblast toll-like receptor 9 during myocardial infarction P1066

I.K. Ohm, Ø. Sandager, A.V. Finsen, M. Bliksoen, G. Valen, S. Solheim, O.J. Kaasboll, H. Attramadal, A. Yndestad, L.E. Vinge (Oslo, NO)

14:00 - 18:00

Poster Session

Poster Area

Cardiac resynchronisation therapy / ICD

Long term survival of patients with congestive heart failure receiving ICD/CRT-D devices in a district general hospital P1067

L. Moretti, R. Marconi, P. Grossi, S. Silenzi (Ascoli Piceno, IT)

Worsening of tricuspid regurgitation after pacemaker upgrade to CRT-D as an additional factor accelerating the heart failure progress and the need of cardiac transplantation - case presentation P1068

A. Drohomirecka, M. Sobieszczanska-Malek, P. Szymanski, M. Kusmierczyk, T. Zielinski (Warsaw, PL)

Echocardiographic reverse remodeling and normalization of left ventricular systolic function after cardiac resynchronisation therapy in patients with advanced heart failure P1069

M. Petrovic, M.Z. Petrovic, B. Vujisic-Tesic, G. Milasinovic, D. Trifunovic, M. Boricic, M. Tesic, I. Petrovic, G. Draganic, P. Seferovic (Belgrade, RS)

Effectiveness of cardiac resynchronization therapy in elderly patients: the same benefits for an increasing population? P1070

M. Brambatti, F. Guerra, A. Urbinati, M.V. Matassini, A. Barbarossa, L. Cipolletta, A. Capucci (Ancona, IT)

Finger plethysmography guided optimisation of cardiac resynchronisation therapy devices in clinical practice P1071

C. Critoph, A.S. Flett, S. Woldman, M.D. Thomas (London, GB)

Mitral insufficiency reduction in advanced heart failure patients: impact of cardiac resynchronization therapy P1072

M. Petrovic, M.Z. Petrovic, B. Vujisic-Tesic, G. Milasinovic, D. Trifunovic, M. Boricic, I. Petrovic, M. Tesic, O. Petrovic, P. Seferovic (Belgrade, RS)

Prediction of decompensation of heart failure through conjugation of physiological parameters monitored by electronic implantable cardiac devices P1073

M.F. Valente, N. Cortez-Dias, P. Carrilho-Ferreira, P. Martins, S. Sobral, C. Coelho, D. Silva, P. Marques, L. Carpinteiro, J. Sousa (Lisbon, PT)

Effect of programmed heart rate on cardiac function in patients with a cardiac resynchronisation device P1074

A.T. Abdellah, J. Zhang, J. Davis, A. Kallvikbacka-Bennett, M. Nasir, A. Clark, J.G. Cleland (Hull, GB)

Results of a dedicated cardiac resynchronisation therapy optimisation clinic P1075

D. Barker, P.S.E. Davies, S. Hughes, T. Fern, D.J. Wright, A. Rao (Liverpool, GB)

Devices

Arterial stiffness at active and standard conducting in patients with chronic heart failure (three year follow-up) P1076

N.A. Kosheleva, A.P. Rebrov (Saratov, RU)

Predictors of aortic regurgitation after transcatheter aortic valve implantation P1077

G. Silva, J. Mancio, G. Pires De Moraes, E. Pereira, R. Faria, M. Fonseca, A. Rodrigues, A. Braga, L. Simoes, V. Gama (Vila Nova de Gaia, PT)

Intermediate results of the reitan catheter pump heart failure efficacy study P1079

O. Reitan, F. Schersten, T.R. Keeble, M.T. Rothman, R. Hullin, M. Ferrari, H.R. Figulla (Lund, SE; London, GB; Lausanne, CH; Jena, DE)

14:00 - 18:00

Poster Session

Poster Area

Surgery (CABG, valvular, artificial heart, other)

Cardiac surgery in patients under chronic hemodialysis

P1080

T. Anguseva, Z. Mitrev (Skopje, MK)

Is Euroscore II more suitable in patients with low ejection fraction to assess operative mortality risk? Results in a cohort of 3507 patients who underwent Biological Aortic Valve Replacement (BAVR)

P1081

T. Senage, P.H. Bizouarn, R. Gaudin, A. Mugniot, C. Perigaud, O. Habash, D. Duveau, O. Baron, P.H. Despins, J.C. Roussel (Nantes, FR)

The comparison of efficacy and safety of two different antithrombotic regimens in patients with mechanical hearth valve prostheses

P1082

S. Gnip, S. Novakovic-Anucin, V. Canak, P. Radovic, G. Mitic (Novi Sad, RS)

Direct circular repair for left ventricle aneurysm

P1083

Z. Mitrev, T. Anguseva (Skopje, MK)

Heart transplantation

The level of N - gal as a cardiovascular risk marker in heart transplanted patients

P1084

E. Demesova, E. Karvajova, P. Lesny, M. Luknar, P. Solik, I. Varga, E. Goncalvesova (Bratislava, SK)

Heart rate and long term prognosis in heart transplanted patients

P1085

J.M.F. Melero-Ferrer, I.J. Sanchez Lazaro, L. Almenar-Bonet, L. Martinez-Dolz, F. Buendia-Fuentes, E. Rosello-Lleti, M. Portoles-Sanz, M. Rivera-Otero, A. Salvador-Sanz (Valencia, ES)

Has the development of metabolic syndrome influence upon the prognosis in heart transplantation patients?

P1086

I.J. Sanchez Lazaro, L. Almenar-Bonet, L. Martinez-Dolz, J.M. Sanchez-Gomez, M. Portoles-Sanz, E. Rosello-Lleti, M. Rivera-Otero, F. Buendia-Fuentes, A. Salvador-Sanz (Valencia, ES)

Disease management programmes

Hypoalbuminemia as a predictor of worst functional capacity recovery in patients attending cardiac rehabilitation after ACS

P1087

C. Castanheira De Sousa, A. Rocha, I. Rangel, A.S. Correia, A. Sousa, M. Paiva, A. Goncalves, V. Araujo, F. Parada Pereira, M.J. Maciel (Porto, PT)

Long-term insights on exercise capacities in HF-patients enrolled in exercise based CR in the period between 1999 and 2010

P1088

C. Lewinter, C.P. Gale, S. Crouch, P. Doherty, R.J. Lewin, A.S. Hall, L. Kober, J.M. Bland (York and Leeds, GB; Copenhagen, DK)

Improved clinical outcome in patients followed in a hospital-based heart failure center

P1089

I. Gotsman, O. Ezra, D. Zwas, Y. Helman, C. Lotan, A. Keren (Jerusalem, IL)

Diuretics and fluid status management

Differential mortality association of loop diuretic dosage according to blood urea nitrogen and antigen carbohydrate 125 following a hospitalization for acute heart failure

P1090

P. Merlos, G. Palau, G. Minana, J. Sanchis, V. Bodi, B. Mascarell, L. Bondanza, S. Ventura, C. Bonanad, J. Nunez (Valencia, ES)

14:00 - 18:00 Poster Session Poster Area

Strong correlation between intra- and transthoracic impedance in patients with chronic heart failure. P1091

G. Malfatto, F. Della Rosa, A. Villani, R. Brambilla, E. Balla, M. Facchini, G. Parati (Milan, IT)

High furosemide dose is associated with worsening of renal function in patients with chronic heart failure independently of pre-existing chronic kidney disease . P1092

C. Kapelios, E. Kaldara, V. Sousonis, N. Michelinakis, P. Siskas, S. Sventzouri, Z. Margari, A. Ntalianis, J. Terrovitis, J. Nanas (Athens, GR)

The parabola-shaped relation between inferior vena cava collapsibility and estimated glomerular filtration rate in chronic heart failure treated with diuretics: results from a retrospective study P1093

R. De Vecchis, C. Ariano, G. Di Biase, G. Pucciarelli, C. Cioppa, A. Giasi, A. Fusco, S. Cantatrione (Naples and Somma Vesuviana, IT)

Effect of transfer from furosemide to torasemide on tolerability in patients with chronic heart failure NYHA II to IV P1094

S. Tisheva, N. Stancheva, V. Hergedzieva, H. Benov, K. Gospodinov, E. Mekenyan (Pleven, Russe and Veliko Tarnovo, BG)

Torasemide (Trifas) in clinical practice--own experience. P1095

N. Stancheva, S. Tisheva, V. Hergedzieva, H. Benov, S.T. Dimov, K.R. Vassilev (Pleven, Russe and Veliko Tarnovo, BG)

Eplerenone in refractory heart failure P1096

G.A. Ortiz, M.I. Rodriguez Acuna (Capital Federal and Buenos Aires, AR)

Drug therapy, other

Ivabradine treatment prevents dobutamine-induced increase in heart rate in patients with acute decompensated heart failure P1097

Y. Cavusoglu, K.U. Mert, A. Nadir, F. Mutlu, E. Gencer, T. Ulus, A. Birdane, H.U. Yazici (Eskisehir, TR)

Survey of Guideline Adherence for Treatment of Systolic Heart Failure in Real World (SUGAR) P1098

B.S. Yoo, J.O. Choi, S.M. Kang, Y.S. Lee, D.J. Choi (Wonju and Seoul, KR)

Drug treatment in the elderly with heart failure: where is the evidence? P1099

I. Oudejans, A.W. Hoes, N.P.A. Zuithoff, A.A. Voors, A. Mosterd (Helmond, Utrecht, Groningen and Amersfoort, NL)

Statin therapy is associated with reduced content of Monocyte-Platelets-Aggregates in patients with aortic stenosis P1100

C. Pfluecke, D.M. Poitz, M. Christoph, P. Barthel, B. Wagner, S. Quick, S. Ulbrich, G. Simonis, R.H. Strasser, K. Ibrahim (Dresden, DE)

Red-light drugs: using the Delphi method to reach consensus on inappropriate medicines in heart failure P1101

M. Bermingham, K. McDonald, M. Ledwidge (Dublin, IE)

The one-stop heart failure clinic, evidence of improved rates of prescribing evidence-based medical therapy in primary and secondary care P1102

V. Watt, K. Drewry, L. Yates, L. O' Toole, A. Al-Mohammad (Sheffield, GB)

14:00 - 18:00

Poster Session

Poster Area

Hormones / Neurohumoral regulation

The association of glucagon-like peptide 1 (GLP-1) with resting energy expenditure and endothelial function in chronic heart failure

P1103

M. Tacke, N. Ebner, S. Fuelster, M. Valentova, A. Sandek, W. Doechner, S. Anker, S. Von Haehling (Berlin, DE)

Chronic heart failure disrupts the physiological age-related decline of serum testosterone

P1104

A.M. Marra, A. Salzano, M. Arcopinto, D. Sirico, D. Celentani, P. Formisano, S. Piscitelli, O. Vriz, E. Bossone, A. Cittadini (Naples and San Daniele del Friuli, IT)

Metabolism / Diabetes mellitus

In heart failure patients with type 2 diabetes myocardial lipid content correlate inversely with left ventricular function

P1105

R. Nielsen, H. Norrelund, U. Kampmann, W.Y. Kim, S. Ringgaard, M. Schaer, N. Moller, H.E. Botker, H. Wiggers (Aarhus and Viborg, DK; Cleveland, US)

Monoamine oxidase activity promotes oxidative stress and mitochondrial dysfunction in cardiomyocytes exposed to high glucose

P1106

N. Kaludercic, N. Paolocci, F. Di Lisa (Padua, IT; Baltimore, US)

Depressing of diabetes induced endogenous protective mechanisms in membranes of heart mitochondria due to hypercholesterolemia

P1107

M. Ferko, J. Mujksova, A. Adameova, I. Waculikova, T. Ravingerova, A. Ziegelhoffer (Bratislava, SK)

Heart failure imaging

Submaximal dobutamine echocardiograms : which prognostic significance ?

P1109

A. Castro, N. Moreno, P. Almeida, M.C. Queiros, P. Pinto (Penafiel, PT)

Can left atrial longitudinal peak diastolic strain predict cardiac resynchronization therapy response?

P1110

F.C. Soares, N. Moreira, R. Teixeira, N. Antonio, L. Elvas, R. Martins, A. Barbosa, L. Goncalves, L.A. Providencia (Coimbra, PT)

Is there distinctive echocardiographic predictor of severity of diastolic dysfunction in patients with diabetes mellitus?

P1111

L. Georgievska-Ismail, P.Z. Planinka Zafirovska, V.A. Valentina Andova, M.B. Marijan Bosevski (Skopje, MK)

Assessment of left ventricular function by two-dimensional echocardiography speckle tracking in a group of type 2 diabetic asymptomatic patients

P1112

J. Lacalzada Almeida, A. De La Rosa, C. Hernandez, E. Arroyo, M. Izquierdo, A. Barragan, A. Duque, M.J. Garcia, M. Rodriguez, I. Laynez (Santa Cruz de Tenerife, ES)

Atrial work on diastolic dysfunction

P1113

J.R.M. Souza, W. Nadruz, O.R. Coelho (Campinas, BR)

Are there specific MPI SPECT study variables that can distinct ischemic from nonischemic cardiomyopathy?

P1114

M. Vavlukis, D. Popgorceva, V. Majstorov, N. Kostova, I. Peovska, M. Zdravkovska, S. Stojcevski (Skopje, MK)

14:00 - 18:00	Poster Session	Poster Area
Ventricular tachycardia due to pectus excavatum L. Hens, J. Bogaert, D. Nuyens, W. Budts (Leuven, BE)		P1115
In natriuretic peptide era chest X-ray still useful in the evaluation of pulmonary congestion in a pretransplantation heart failure outpatient clinic? M.H. Miglioranza, T. Leiria, R. Sant'anna, M. Rover, A. Mantovani, R. Melo, A. Moraes, C. Weber, C. Feldman, R. Kalil (Porto Alegre, BR)		P1116
Myocardial acceleration during isovolumic contraction in the routine evaluation of right ventricular function N. Moreno, A. Da Silva Castro, R. Sousa, R. Carvalho, M. Pires, A. Andrade, P. Pinto (Penafiel, PT)		P1117
Biomarkers		
Correlation between biomarkers levels and types of postinfarction remodeling according to cardiac magnetic resonance imaging G. Kukharchik, N. Nesterova, A. Pavlova, L. Gaykovaya, N. Mitrofanov, N. Krapivka, T. Vavilova, I. Konstantinova (St. Petersburg, RU)		P1118
Functional impairment and angiogenesis biomarkers in chronic heart failure E. Eleuteri, A. Di Stefano, I. Gnemmi, C. Vicari, P. Giannuzzi (Veruno, IT)		P1119
In-vitro stability of novel bio-markers at room temperature N. Nicholls, D. Ahmed, J. Zhang, K. Goode, A. Rigby, J. Struck, A.L. Clark, K. Wong, J.G.F. Cleland (Hull, GB; Hennigsdorf, DE)		P1120
Short term effect of CRT on biomarkers of cardiac remodelling and fibrosis D. Vondrakova, F. Malek, L. Sedlackova, J. Vranova, P. Ostadal, L. Sediva, J. Petru, J. Skoda, O. Komendova, P. Neuzil (Prague, CZ)		P1121
Markers of coagulation, B-type natriuretic protein levels and their possible interrelationship with aortic valve stenosis I. Burazor, Y. Adler, L. Todorovic, S. Susak, M. Burazor, Z. Perisic, M. Krstic (Nis and Sremska Kamenica, RS; Tel Aviv, IL)		P1122
Hyperglycemia and insuline resistance predict neurohormonal activation and prognosis at early stage of chronic heart failure L.E. Pastormerlo, G. Mirizzi, S. Chiappino, C. Mammini, R. Poletti, A. Gabutti, C. Prontera, C. Passino, M. Emdin (Pisa, IT)		P1123
Use of cardiorenal biomarkers Cystatin-C and NT-proBNP in the early follow up after AHF hospitalisation J. Tolonen, J.P.E. Lassus, K. Siirila-Waris, K. Pulkki, R. Sund, K. Peuhkurinen, M.S. Nieminen, V.P. Harjola (Helsinki, Kuopio and Oulu, FI)		P1124
Combined use of low levels of neutrophil gelatinase-associated lipocalin, CA125, troponin, and natriuretic peptides improves the risk stratification in outpatients with chronic heart failure E.R. Perna, M.L. Coronel, J.P. Cimbaro Canella, S.M. Macin, G. Aristimuno, E.G. Fernandez, J.L. Riera Stival, M. Brizuela, M.F. Medina, B.N. Gonzalez Arjol (Corrientes, AR)		P1125
Prognostic value of increased CA-125 circulating levels in stable heart failure patients A. Mendez Fernandez, J. Ordonez, M. Noguero, N. Ribas, T. Mir, C. Garcia, M.T. Domingo, A. Bayes, S. Mirabet, E. Roig (Barcelona, ES)		P1126

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Poster Session

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- Prognostic value of biochemical stress markers in patients with q-wave myocardial infarction P1127
A. Berezin, T.A. Samura (Zaporozhye, UA)
- Hyponatremia and its prognostic value on heart failure; one year of clinical follow-up data P1128
D.A. Moreira, A.P. Delgado, B.F. Rodrigues, C.E. Correia, L.M. Nunes, J. Oliveira-Santos (Viseu, PT)
- The role of NT-proBNP and glomerular filtration rate in the prediction of fatal and non fatal cardiovascular events in asymptomatic diabetics P1129
A.C. Faustino, L. Paiva, A. Fernandes, R. Providencia, J. Silva, P. Mota, F. Caetano, I. Almeida, M. Costa, A. Leita-Marques (Coimbra, PT)
- Predictors of left ventricular reverse remodeling and subsequent outcome in nonischemic dilated cardiomyopathy P1130
E.-S. Jeon, J.O. Choi, E.Y. Kim, S.C. Lee, D.J. Choi, S.H. Kim (Seoul, KR)
- Relationship between serum N-Terminal Pro-B-Type natriuretic peptide and echocardiographic parameters in elderly adults without known history of heart failure: the Shanghai Heart Health Study P1131
J.M. Zhou, X. Jin, X.T. Cui, M. Fu, J.B. Ge (Shanghai, CN; Gothenburg, SE)
- Role of B-type natriuretic peptide in outpatients with new onset heart failure P1132
L. Sanchis, R. Andrea, C. Falces, M. Morales, M. Sitges, M. Heras, F. Perez-Villa, M. Sabate, J. Brugada (Barcelona, ES)
- Role of peptide natriuretic to detect cardiac abnormalities in transthyretin amyloidosis P1133
T. Damy, J.F. Deux, S. Guendouz, D. Bodez, S. Rappeneau, A. Lamine, N. Benhaiem, J.P. Leflaucheur, L. Hittinger, V. Plante-Bordeneuve (Creteil, FR)
- The association between coronary spasm and BNP and PWV P1134
C. Park, J.N. Na, Y.J. Shin, S.W. Kim, S.W. Han, H.S. Seo, D.J. Oh, J.W. Kim, C.U. Choi, S.I. Lim (Seoul, KR)
- Alarmins S100A8 and S100A9 aggravate the inflammatory immune response in acute myocarditis and inflammatory cardiomyopathy P1135
C. Tschoepe, P.M. Becher, D. Lindner, K. Savvatis, T. Vogl, J. Roth, U. Kuehl, D. Westermann, H.P. Schultheiss (Berlin and Munster, DE)
- Evaluation of myeloperoxidase activity in chronic heart failure P1136
M. Reina Couto, T. Sousa, M. Morato, J. Carvalho, M. Marques, L. Morgado, M.J. Valente, J. Afonso, P. Bettencourt, A.A. Teixeira (Porto, PT)
- Prospective evaluation of endothelin-1 blood levels in pulmonary hypertension P1137
J. Silva Marques, A.C. Sousa, S.R. Martins, R. Placido, M. Miei-ro, S. Ribeiro, S. Goncalves, C. Calisto, A.G. Almeida, A. Nunes Diogo (Lisbon, PT)
- Serum uric acid as a predictor of the six months left ventricle systolic function of patients with acute non-ST-elevation acute coronary syndromes P1138
A. Vulin, R. Jung, B. Radisic, J. Dejanovic, S. Bugarski, K. Pavlovic, N. Cemerlic-Adjic (Sremska Kamenica, RS)

14:00 - 18:00

Poster Session

Poster Area

Nursing

Knowledge about heart failure among Slovenian nurses P1139

T. Zontar, T. Glavic, H. Hostar, B. Hrobat, K. Jansa Trontelj, N. Krize, M. Repas, P. Sirk, B. Turel, M. Lainscak (Golnik, Maribor, Brezice, Jesenice, Ljubljana, Ptuj, Slovenj Gradec, Izola and Nova Gorica, SI)

72 years old, advanced heart failure patient, with preserved function, multi-pathology, social and cultural conditioning issues P1140

M.J. Oyanguren Artola, M.J. Iza, J. Torcal, M. Oses, I. Lekuona, B. Gallego (Bilbao, ES)

Population studies / Epidemiology

Prevalence and outcomes of patients with chronic HF with moderate-severe mitral regurgitation: data from the IN-HF Outcome database P1141

A.P. Maggioni, M. Gorini, D. Lucci, G. Leonardi, A. Ciro', D. Roggeri, M. Senni, G. Misuraca, F. Oliva, L. Tavazzi (Florence, Catania, Monza, Bergamo, Cosenza, Milan and Cotignola, IT)

Real world management of chronic systolic heart failure in Spain - Results of VIDA-IC P1142

M. Anguita, J. Comin-Colet, F. Formiga, L. Almenar, M. Crespo-Leiro, L. Manzano, J. Chaves, T. De Frutos (Cordoba, Barcelona, Valencia, A Coruña and Madrid, ES)

Pathophysiological analysis of clinical characteristics and outcome of patients with chronic heart failure P1143

J. Cinca, X. Borrás, T. Puig, A. Ferrero, R. Vazquez, L. Alonso-Pulpon, J. Delgado, D. Pascual-Fidal, J. Brugada, J.R. Gonzalez-Juanatey (Barcelona, Cadiz, Madrid, Murcia and Santiago de Compostela, ES)

Heart failure and early hospital mortality in patients with acute myocardial infarction with st-segment elevation P1144

G. Kamceva, N. Kamcev, V. Velkoska-Nakova, M. Vavlukis, S. Kedev (Stip and Skopje, MK)

Heart failure in old peoples - gender differences P1145

D. Pop, A. Sitar-Taut, M. Cebanu, D.T. Zdrenghea (Cluj-Napoca, RO)

Psychological status in patients with recurrent (post-operational) angina pectoris complicated by heart failure P1146

S.A. Matskevich, E.S. Atroschenko, O.A. Barbuk, S.P. Solovei, I.S. Karpova (Minsk, BY)

Psychosocial / Ethical concepts / Education

Single centre study examines self management and coping styles in an ambulatory Irish heart failure population - a single centre experience P1147

C.C. Lewis, J. Gallagher, M. Heverin, C. Mchugh, F. Doyle, N. Pender, B. Mcadam (Dublin, IE)

Self-esteem and suicidal risk among subjects with heart failure in a west-african cardiology clinic. P1148

A. Mbakwem, F.O. Aina, C.E. Amadi, A. Akinbode, J. Mokwunye (Lagos, NG)

Exercise testing & training

Compliance to a cardiac rehabilitation program: what benefits and prognosis impact? P1149

I. Rangel, A. Rocha, C. Sousa, A. Sousa, A.S. Correia, M. Paiva, V. Ribeiro, F. Melao, F. Parada-Pereira, M.J. Maciel (Porto, PT)

14:00 - 18:00

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Presence of exercise oscillatory ventilation (EOV) during cardiopulmonary exercise testing (CPET) predicts cardiovascular (CV) death in patients with non-ischemic heart failure (HF)

P1150

T. Kisaka, R. Ozono, Y. Kihara (Hiroshima, JP)

Maximum heart rate among heart failure patients receiving beta-blocker therapy

P1151

G. Guimaraes, M.M.F. Da Silva, I.S. Teixeira-Neto, J.M. Roque, G.E.C. Souza, R.E. Castro, A.C. Tavares, E.A. Bocchi (Sao Paulo, BR)

Prognosis

How important is ventricular rate in heart failure patients with atrial fibrillation

P1152

D. Cullington, A.L. Clark, J.G.F. Cleland (Kingston-Upon-Hull, GB)

Inferior vena cava dimension in patients with chronic heart failure; relationships and prognostic significance

P1153

P. Pellicori, C. Carubelli, J. Zhang, T. Castiello, A. Bennet, O. Khaleva, N. Sherwi, A. Clark, J.G.F. Cleland (Hull, GB)

Prognosis impact of ischemic mitral regurgitation of acute coronary syndromes without st-segment elevation

P1154

V. Ramos, C. Galvao, C. Vieira, J. Martins, S. Ribeiro, A. Gaspar, J. Marques, P. Azevedo, L.M. Pereira, A. Correia (Braga, PT)

The prediction of one-year mortality in congestive heart failure patients: a clinical score

P1155

M. Feola, L. Leto, M. Testa, E. Lombardo, E. Avogadri, S. Piccolo, A. Vado (Fossano, Turin and Cuneo, IT)

Influence of microalbuminuria and inflammation markers on in-hospital and six-month prognosis after acute myocardial infarction

P1156

D. Stanojevic, S. Apostolovic, R. Jankovic Tomasevic, S. Salinger Martinovic, M. Pavlovic, M. Tomasevic, I. Stojanovic, D. Djordjevic Radojkovic, M. Damjanovic, S. Dakic (Nis and Belgrade, RS)

Prognostic value of multimarker diagnostic coefficient for adverse events and heart failure in patients with acute coronary syndromes.

P1157

N.V. Tytarenko, M.P.K. Mykola Kopytsya, N.V.B. Bila, O.L.P. Oparin (Kharkiv, UA)

A prognostic index for heart failure after ICD implantation in ischemic cardiomyopathy.

A new index for non arrhythmic death and heart failure

P1158

L. Antonini, C. Mollica, A. Varveri, V. Pasceri, A. Auriti, F. Leone, C. Pristipino, M. Santini (Rome, IT)

Six minute walk distance and raised filling pressures predict mortality in patients with systolic heart failure

P1159

A. Ahmeti, D. Maras, A. Poniku, P. Ibrahim, F. Jashari, G. Bajraktari, M.Y. Henein (Pristina, KS; London, GB; Umea, SE)

Comparison of the effectiveness of different prognostic scales (Seattle Heart Failure Model, EFFECT, Heywood's model) in patients treated in out-patient heart failure clinic

P1160

L.V. Prokopova, M.Y. Sitnikova, P.A. Fedotov, M.A. Trukshina, S.G. Ivanov, E.A. Lyasnikova, E.V. Yamshicova, E.V. Shlyakhto (St. Petersburg, RU)

14:00 - 18:00	Poster Session	Poster Area
Meta-analyses of survival and hospital readmission in HF patients enrolled in exercise based CR in the period between 1999 and 2010		P1161
C. Lewinter, C.P. Gale, S. Crouch, P.D. Doherty, R.J. Lewin, A.S.H. Hall, L. Kober, J.M. Bland (York and Leeds, GB; Copenhagen, DK)		
The determination of prognosis in heart failure patients with devices		P1162
W.Y. Ding, D. Barker, A. Rao, P.S.E. Davies, D.J. Wright (Liverpool, GB)		
Pathophysiology		
Neurogenic control of circulation in patients with severe heart failure: interconnection between efferent potential and baroreflex regulation of heart rate (study SICA-HF).		P1163
O. Mamontov, S.N. Kozlova, Y.V. Sazonova, A.O. Konradi, E.V. Shlyakhto (St. Petersburg, RU)		
Circulating endothelial progenitor cells, cytokines, growth factors and NT-proBNP in patients with ischemic heart disease and chronic heart failure		P1164
K.A. Khmel'nitskaya, E.V. Shlyakhto (St. Petersburg, RU)		
Right ventricular function		
Assessment of right ventricular systolic function by M- mode and tissue Doppler echocardiography in patients with pulmonary stenosis		P1165
I. Vulicevic, M. Djukic, T. Ilisic, V. Parezanovic, I. Stefanovic, M. Gradinac, B. Stojanovic, V. Milovanovic, S. Ilic, I. Jovanovic (Belgrade, RS)		
Right bundle branch block as predictor of mortality after Chronic Right Heart failure. Right ventricle stress wall.		P1166
C. Torres, S. Pacreu, O. Londono Sanchez (Barcelona, ES)		
Left ventricular function		
Left ventricular rotation in hypertension with or without left ventricular diastolic dysfunction		P1167
A. Majstorovic, V. Celic, B. Pencic, A. Sijivic, J. Suzic, M. Tadic, I. Ilic, S. Backovic, B. Stojcevski (Belgrade, RS)		
Effect of l-citrulline on endothelial and ventricular function in patients with systolic heart failure		P1168
K. Balderas-Munoz, L. Castillo-Martinez, J.I.A. Orea-Tejeda, O. Infante-Vazquez, M. Utrera-Lagunas, R. Martinez-Memije, A.E. Gutierrez-Rodriguez, M. Vazquez-Duran, E. Colin-Ramirez, P. Montano-Hernandez (Mexico City, MX)		
Heart failure with preserved ejection fraction in hypertensive overweight and obese patients		P1169
I. Burazor, S. Stefanovic, L. Todorovic, V. Stefanovic, Y. Adler (Nis and Knjazevac, RS; Tel Aviv, IL)		
Predictive factors for the occurrence of mitral regurgitation in patients with left bundle branch block and its impact on left ventricular function		P1170
E.R. Mustafa, O. Istratoaie (Craiova, RO)		

14:00 - 18:00

Poster Session

Poster Area

Hypertension / LV hypertrophy

The genetics of echocardiographically measured left ventricular size in diabetes: a genome wide association study

P1171

H.M. Parry, L. Donnelly, N. Van Zuydam, C. Palmer, A. Doney, D. Elder, A. Struthers, C. Lang (Dundee, GB)

Effect of spontaneous hypertension on membrane properties and function of rat heart and liver mitochondria: influence of treatment with captopril and nifedipine

P1172

J. Mujksova, M. Ferko, O. Ulicna, I. Waczulikova, B. Ziegelhoffer, A. Ziegelhoffer (Bratislava, SK; Leipzig, DE)

Assessment of left atrial volume and function in hypertensive patients with diastolic dysfunction: volumetric and speckle-tracking analysis

P1173

A. Stevanovic, M. Krotin, M. Dekleva, N. Paunovic, S. Trajic, A. Grdinic, V. Andric, G. Podnar, A. Simic (Belgrade, RS)

The changes of viscosity and deformability indexes of erythrocytes in the patients with arterial hypertension and congestive heart failure after long-term usage of ramipril and losartan

P1174

D. Shorikova, E. Shorikov (Chernivtsy, UA)

Health evaluation of hypertensive patients with heart failure using screening program of the center of health (russia)

P1175

L.G. Oganezova, A.V. Sokolova (Moscow, RU)

HFpEF - Heart failure with preserved ejection fraction

Specialist heart failure clinics: do we reassure patients by giving them a label?

P1176

R. Singh, J.J. Murphy, A. Fuat, G. Brennan, A.P.S. Hungin (Darlington and Durham, GB)

Proteomic analysis reveals a protein with anti-fibrotic potential

P1177

S. Horgan, C. Watson, P. Collier, M. Ledwidge, K. McDonald, J. Baugh (Dublin, IE)

The effect of perindopril treatment on echocardiographic diastolic and systolic functional parameters and serum NT-proBNP values in diastolic heart failure patients

P1178

U. Yuksek, H. Duygu, Z. Akyildiz, U. Kocabas, N. Kahya Eren, R. Berilgen, C. Nazli, O. Ergene (Kastamonu and Izmir, TR)

Phenotype of pulmonary hypertension in patients with heart failure and preserved ejection fraction

P1179

F. Bauer, N. Auquier, B. Kurtz, C.H. Vallet, B. D Here, D. Stepowski, H. Eltchaninoff (Rouen, FR)

Animal models and experimentation

Restoring cardiac gene expression and function by myocardin gene silencing in the porcine model of heart failure

P1180

M. Torrado, R. Iglesias, A. Centeno, E. Lopez, A. Castro-Beiras, A. Mikhailov (La Coruna, ES)

Electrophysiological remodelling and defective calcium handling are associated with alternans in rats with right ventricular failure

P1181

D. Benoist, R. Stones, M. Drinkhill, Z. Yang, S.H. Gilbert, D.S. Steele, O. Bernus, E. White (Bordeaux, FR; Leeds, GB)

14:00 - 18:00 Poster Session Poster Area

Novel rat model reveals important roles for beta-adrenoreceptors, the Gi-protein-pathway and disturbed metabolism in stress-induced cardiomyopathy P1182

B. Redfors, Y. Shao, M. Scharin Tang, J. Boren, E. Omerovic (Gothenburg, SE)

Anti-inflammatory effect of intravenously administered bone marrow cells in a rat model of myocardial infarction P1183

S. Slavic, K. Odoerfer, V. Proell, V. Spielberger, M. Markovic, M. Kleiter, R.G. Erben (Vienna, AT)

Absence of the androgen receptor is associated with increased mortality and impaired cardiac function in response to high doses of catecholamines. P1184

Y. Shao, B. Redfors, A. Wilhelmson, J. Bourghardt, A. Tivesten, E. Omerovic (Gothenburg, SE)

Gene and cell therapy

Case of non-specific systemic inflammatory reaction after intracoronary infusion of bone marrow mononuclear cells (BMMCs) to patient with moderate chronic heart failure (CHF) P1185

S.S. Bazhan, A.V. Sychev, V.I.U. Mareev, A.N. Samko (Moscow, RU)

Genetic aspects of pharmacotherapy of arterial hypertension and chronic heart failure P1186

E.G. Lileeva, A.L.K. Alexander Khokhlov, Y.A.R. Yuliy Riybachkova (Yaroslavl, RU)

Inhibition of endogenous Wnt/beta-catenin following miR-29a upregulation mediates differentiation of cardiac stem cells into cardiomyocytes P1187

A. De Pauw, B. Sekkali, A. Friart, H. Ding, A. Graffeuil, D. Catalucci, D. Hilfiker-Kleiner, J.L. Balligand (Brussels, BE; Milan, IT; Hannover, DE)

RhoA knockdown by RNA interference mediated by liposomal nanomedicine induces efferocytosis which activates death of apoptotic macrophage M1, and inflammation-resolution in advanced atherosclerosis P1188

J. Giannios, D. Staramos (Athens, GR)

Molecular biology / Genetics

Oestrogen-dependent MYLIP regulation leads to reduced contractility in male rodent hearts P1189

G. Kararigas, V. Bito, H. Tinel, B. Albrecht, K.R. Sipido, V. Regitz-Zagrosek (Berlin and Wuppertal, DE; Leuven, BE)

Sex differences in microRNA expression in cardiac hypertrophy. Role of ERbeta P1190

A.M. Queiros, C. Eschen, D. Fliegner, V. Regitz-Zagrosek, H. Sanchez Ruderisch (Berlin, DE)

Features of ACE gene polymorphism in uzbek patients with myocardial infarction P1191

R.D. Kurbanov, G.U. Mullabaeva, J.G. Kevorkova, A.G. Kevorkov (Tashkent, UZ)

Mutations in the beta1-adrenergic receptor gene in patients with heart failure with diabetes mellitus and without it in ukrainian population P1192

M. Udovychenko, I. Rudyk (Kharkiv, UA)

14:00 - 18:00

Poster Session

Poster Area

Vascular biology

- | | |
|---|-------|
| Integrated investigation of the effects of adenosine on endothelial progenitor cells
Y. Devaux, M. Bousquenaud, M. Rolland-Turner, F. Maskali, L. Zhang, P.Y. Marie, F. Azuaje,
D.R. Wagner (Luxembourg, LU; Vandœuvre-Les-Nancy, FR) | P1193 |
| Atorvastatin treatment improves circulating numbers of endothelial progenitor cells
and vascular function in ischemic heart failure
E. Oikonomou, G. Siasos, D. Tousoulis, M. Zaromitidou, K. Zisimos, C. Chrysoshoou,
S. Michalea, S. Kioufis, A.G. Papavassiliou, C. Stefanadis (Athens, GR) | P1194 |
| Association of serum neutrophil gelatinase-associated lipocalin and cystatin-c with
arterial wall properties in patients with heart failure
S. Michalea, G. Siasos, D. Tousoulis, E. Oikonomou, C. Kollia, S. Kioufis, K. Maniatis,
M. Zaromitidou, A.G. Papavassiliou, C. Stefanadis (Athens, GR) | P1195 |
| Uric acid, a causal mediator of vascular disease?
T. Lund, N.T. Boardman, T.G. Jenssen, I. Toft, K. Ytrehus (Tromso, NO) | P1196 |

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HIGHLIGHTS FROM Heart Failure 2012

Treating chronic heart failure comorbidities without harm:
chronic kidney disease

Sunday 26 August 2012
14:00 - 15:30 - Room 52 - Village 5

Chairpersons:

S.D. Anker (Berlin, DE) & F. Ruschitzka (Zurich, CH)

14:00

Heart failure and kidney disease,
frequent coincidence.

F. Hernandez (Durham, US)

14:22

Monitoring of renal function
in heart failure.

A.A. Voors (Groningen, NL)

14:45

Heart failure patient with chronic
kidney disease. How to treat?
The nephrologist's point of view.

I. Macdougall (London, GB)

09:37

Heart failure patient with chronic
kidney disease. How to treat? The
cardiologist's point of view.

E.A. Jankowska (Wroclaw, PL)

08:30 - 10:00

Read with the Experts

Belgrade

Idiopathic dilated cardiomyopathy - Diagnosis and treatment.**Chairpersons: A. Keren (Jerusalem, IL); M. Petrie (Glasgow, GB)****Treatment of heart failure - Integrating pharmacology and technology**

08:30	What is DCM?	1197
	A. Keren (Jerusalem, IL)	
08:52	How should we investigate it?	1198
	M. Volterrani (Rome, IT)	
09:15	How should we treat it?	1199
	M. Petrie (Glasgow, GB)	
09:37	Panel discussions.	

08:30 - 10:00

Symposium

Novi Sad

Listening and responding to our patients.**Chairpersons: T.A. McDonagh (London, GB); A. Wolf (Gothenburg, SE)****Nursing**

08:30	Delivering person-centered care: a new way of organizing care?	1200
	I. Ekman (Gothenburg, SE)	
08:48	Caring for relatives.	1201
	A. Stromberg (Linköping, SE)	
09:06	Providing emotional support.	1202
	N.L.M. Damen (Tilburg, NL)	
09:24	Supporting the expert patient: a new role for technology?	1203
	J. Riley (London, GB)	
09:42	Panel discussions.	

Discover the HFA online education programme
Demo available on the HFA/ESC Stand

08:30 - 10:00

Symposium

Nis

Optimal management of cardiogenic shock.**Chairpersons: A. Mebazaa (Paris, FR); A.D. Ristic (Belgrade, RS)****Treatment of heart failure - Integrating pharmacology and technology**

- | | | |
|-------|---|------|
| 08:30 | Benefits of mechanical ventilation. | 1204 |
| | J. Masip (Barcelona (St. Joan Despí), ES) | |
| 08:48 | Impact of medical management on outcome. | 1205 |
| | M. Metra (Brescia, IT) | |
| 09:06 | Indications of mechanical support. | 1206 |
| | M.R. Costanzo (Naperville, US) | |
| 09:24 | Organ dysfunction. | 1207 |
| | J.P.E. Lassus (Espoo, FI) | |
| 09:42 | Panel discussions. | |

08:30 - 10:00

Symposium

Pancevo

Novel mechanisms of cell death or survival in heart failure.**Chairpersons: F. Di Lisa (Padua, IT); A.M. Shah (London, GB)****Basic Science**

- | | | |
|-------|---|------|
| 08:30 | Mitophagy and sterile inflammation. | 1208 |
| | K. Otsu (Osaka, JP) | |
| 08:52 | The mitochondrial PTP and cell necrosis. | 1209 |
| | J. Molkentin (Cincinnati, US) | |
| 09:15 | The protective neuregulin-1 / Erb axis. | 1210 |
| | G.W.A. De Keulenaer (Wilrijk, BE) | |
| 09:37 | beta3-receptor signaling in myocyte hypertrophy and survival | 1211 |
| | J.L. Balligand (Brussels, BE) | |

08:30 - 10:00

Special Session

Subotica

Highlights of the congress - Basic science.**Chairpersons: B.M. Pieske (Graz, AT); Z. Papp (Debrecen, HU)**

In this session, state-of-the-art basic science will be presented. Abstracts and speakers were selected on the basis of a peer-review process in order to identify presentations with high quality content of interest to a broader audience. Both clinicians and basic scientists are invited to join this session and get an excellent overview on contemporary basic research in the field of Heart Failure.

Visit the Exhibition - Coffee Break in the Exhibition Area
Morning Poster Session: Poster Viewing 08:30 - 12:30
& Moderated Posters Session 10:00 - 11:00 See Page 146

11:00 - 12:30

Special Session

Belgrade

Highlights of the congress.

Chairpersons: S.D. Anker (Berlin, DE); P. Seferovic (Belgrade, RS); P. Ponikowski (Wroclaw, PL)

11:00	Basic science.	1219
	T. Thum (Hannover, DE)	
11:15	Patient care.	1220
	J. Riley (London, GB)	
11:30	Diagnosis / Imaging / Pathophysiology.	1221
	F. Braunschweig (Stockholm, SE)	
11:45	HFpEF: heart failure with preserved ejection fraction.	1222
	C. Tschoepe (Berlin, DE)	
12:00	Drug treatment.	1223
	A.P. Maggioni (Florence, IT)	
12:15	Devices.	1224
	F. Ruschitzka (Zurich, CH)	

11:00 - 12:30

Local Session

Novi Sad

Lokalna sesija - Sve najvažnije na kongresu!

Chairpersons: F. Kenda (Ljubljana, SI); D. Milicic (Zagreb, HR)

11:00	Bazične nauke.	1225
	D. Jakovljevic (Newcastle Upon Tyne, GB)	
11:18	Nega bolesnika.	1226
	M. Lainscak (Golnik, SI)	
11:36	Dijagnostika, vizualizacije metode i patofiziologija.	1227
	L. Jovovic (Belgrade, RS)	
11:54	Medikamentozna terapija.	1228
	A.D. Ristic (Belgrade, RS)	
12:12	Pejsmejkleri, defibrilatori i drugi implantabilni uređaji.	1229
	S.U. Pavlovic (Belgrade, RS)	

New HFA Membership Services - Free trial
Go to the HFA/ESC Stand for more information

11:00 - 12:30

Symposium

Nis

The real patient: heart failure in the elderly with co-morbidity.**Chairpersons: F.H. Rutten (Utrecht, NL); J. Nanas (Athens, GR)**

Co-morbidities and heart failure

- | | | |
|-------|--|------|
| 11:00 | Recognizing slow onset heart failure in the elderly: time for diagnostic algorithms? | 1230 |
| | A.W. Hoes (Utrecht, NL) | |
| 11:18 | How to adjust drug therapy in elderly heart failure patients. | 1231 |
| | C. O'Connor (Durham, US) | |
| 11:36 | Anti-coagulation in elderly heart failure patients. | 1232 |
| | S. Homma (New York, US) | |
| 11:54 | How do we use biomarkers (incl. kidney function) tests in the elderly. | 1233 |
| | C. Ronco (Vicenza, IT) | |
| 12:12 | Palliative care in the elderly patient with HFpEF and multi-morbidity. | 1234 |
| | To be announced | |

11:00 - 12:30

Symposium

Pancevo

Why haven't we got any new therapy after 30 years of hypertrophy research?**Chairpersons: T. Eschenhagen (Hamburg, DE); M. Pfeffer (Boston, US)**

Basic science translated for the clinician

- | | | |
|-------|--|------|
| 11:00 | Insights into hypertrophic remodelling - State of the art. | 1235 |
| | L. Neyses (Manchester, GB) | |
| 11:22 | We are on the right track - Therapeutic success will come. | 1236 |
| | J. Molkentin (Cincinnati, US) | |
| 11:45 | The concept is wrong - No way into new therapies. | 1237 |
| | J.R. Teerlink (San Francisco, US) | |
| 12:07 | Integration from a clinical perspective. | 1238 |
| | M. Pfeffer (Boston, US) | |

Get your access to the HFA Members Lounge (wifi access)
Ask on the HFA/ESC Stand

11:00 - 12:30

Symposium

Subotica

Dysfunctional ion handling in heart failure – Bystander or therapeutic target?**Chairpersons: D.A. Eisner (Manchester, GB); G. Hasenfuss (Göttingen, DE)****Basic Science**

11:00	Dysfunctional ion handling in heart failure - State of the art.	1239
	D.M. Bers (Davis, US)	
11:22	Pharmacological modulation of the NCX – What is the evidence?	1240
	G. Antoons (Graz, AT)	
11:45	NHE1 inhibition in ischemic heart disease - Lost in translation?	1241
	M. Avkiran (London, GB)	
12:07	Alterations of atrial Ca²⁺ handling in heart failure – Cause or consequence for atrial fibrillation?	1242
	U. Schotten (Maastricht, NL)	



MORNING

Moderated Posters Session 5 (10:00 - 11:00)..... Page 146

Poster Session 5 Pages 147 to 162

All Posters will be on display from 08:30 - 12:30

The Heart Failure Association and the Scientific Programme Committee have developed a programme to highlight young researchers.

The poster will be easily identified with a HFA Young Researcher logo - which should be collected at the Poster Assistance Desk.



Join us in supporting the future of research and advances in all related aspects of heart failure Clinical research / treatment and Basic Science - come and interact with the Cardiologists of tomorrow.

Congratulations to the Young Researchers who obtained, by merit of their research, an HFA or Travel Grant.



08:30 - 12:30

Moderated Posters

Moderated Poster Area

Moderated posters - Session 5 - 10:00-11:00**Chairpersons: A.D. Ristic (Belgrade, RS); D. Logeart (Paris, FR)**

Moderated posters must be set up between 08:00 - 08:30, removed between 12:30 - 13:00, to be on display between 08:30 - 12:30 in the designated Moderated Poster Area.

These abstracts were chosen for their outstanding quality and will be presented during the Moderated Poster Session between 10:00 and 11:00.

- Prognostic significance of plasma concentrations of pro-calcitonin in stable patients with suspected heart failure** P1243
J.G.F. Cleland, J. Zhang, J. Hobkirk, P. Pellicori, I.D. Sunderji, H. Hado, A. Bennet, A.L. Clark, K. Wong, K.M. Goode (Kingston Upon Hull, GB)
- Prevalence of symptoms of heart failure and cardiac dysfunction in older patients with type-2 diabetes mellitus. A report from sica-diabetes study** P1244
P. Pellicori, P. Costanzo, J. Zhang, A. Bennett, A. Clark, B.S.P. Savelyich, R. Raghunath, M. Hancocks, J. Warden, J.G.F. Cleland (Hull, GB; Nis, RS)
- Is the Killip classification still relevant? An analysis of 4342 patients in the Regional Acute Myocardial Infarction Registry of Brittany (ORBI).** P1245
G. Leurent, D. Boulmier, E. Fillipi, B. Moquet, G. Rouault, P. Druelles, P.Y. Pennec, J.P. Haco, A. Rialan, H. Le Breton (Rennes, Vannes, Saint Briec, Quimper, Brest, Lorient and Saint-Malo, FR)
- Cardiorenal syndrome and acute coronary syndrome: are all patients at the same risk? The importance of the RIFLE criteria** P1246
I. Campos Moreira De Almeida, F. Caetano, P. Mota, A. Leitao-Marques (Coimbra, PT)
- Long-term survival in patients with cardiac amyloidosis** P1247
G. Finocchiaro, A. Pivetta, M. Merlo, B. Pinamonti, G. Barbati, S. Doimo, E. Santarossa, M. Moretti, R. Bussani, G. Sinagra (Trieste, IT)

08:30 - 12:30

Poster Session

Poster Area

Poster session 5

Posters must be set up between 08:00 - 08:30, removed between 12:30 - 13:00, to be on display between 08:30 - 12:30.

The presenter should be available by the poster during the coffee break (10:00 to 11:00) in order to discuss the research with the audience.

Acute heart failure

Different risk factors for perioperative heart failure in young and elderly patients undergoing abdominal surgery P1248

S.Y. Chu, P.W. Li, W.H. Ding (Beijing, CN)

Differences in characteristics and clinical presentation of patients admitted for acute heart failure with and without chronic allopurinol therapy. Results from AHEAD registry. P1249

D. Vondrakova, F. Malek, P. Ostadal, J. Parenica, J. Jarkovsky, A. Kruger, J. Vitovec, P. Widimsky, A. Linhart, J. Spinar (Prague and Brno, CZ)

Heart failure on admission predicts mortality in very elderly patients with acute myocardial infarction P1250

A. Renilla Gonzalez, M. Barreiro Perez, F. Torres Saura, J.P. Florez Munoz, I. Alvarez Pichel, F. Pun Chinchay, V. Barriaes Alvarez, J.L. Rodriguez Lambert (Oviedo, ES)

Mortality and hospital admissions in acute heart failure, excluding valvular heart disease P1251

A.J. Jordan-Torrent, M. Martinez-Moreno, H. Ruiz-Munoz, A.S. Tamayo-Obregon, D. Jover-Rios, J. Fernandez-Canadas, V. Climent-Paya, F. Sogorb-Garri, F. Garcia De Burgos-De Rico (Alicante and Elche, ES)

Predictors of early and long-term mortality in AMI patients with reduced left ventricular systolic function from Korean AMI (KOMIR) registry P1252

B.S. Yoo, S.H. Lee, J.H. Yoon, J.W. Lee, D.J. Choi, M.H. Jung (Wonju, Seoul and Kwangju, KR)

Association of hyponatremia correction during hospitalization with post-discharge clinical outcome in patients admitted for acute heart failure: an analysis from the Korean Heart Failure (KorHF) regis P1253

S.E. Lee, D.J. Choi, C.H. Yoon, I.Y. Oh, B.H. Oh, E.S. Jeon, J.J. Kim, M.C. Cho, K.H. Ryu, S.C. Chae (Seoul, Cheongju and Daegu, KR)

Improving the course of heart failure by specialists guided treatment P1254

I.P. Irena Petraskiene, B.A. Bozena Avizen, A.K. Ausra Kavoliuniene (Kaunas, LT)

Influence of statin treatment in mortality of patients with acute systolic heart failure and high c-reactive protein levels P1255

A.J. Jordan-Torrent, A.S. Tamayo-Obregon, H. Ruiz-Munoz, M. Martinez-Moreno, D. Jover-Rios, J. Fernandez-Canadas, V. Climent-Paya, F. Sogorb-Garri, F. Garcia De Burgos-De Rico (Alicante and Elche, ES)

Influence of statin treatment in mortality of patients with acute heart failure with preserved ejection fraction and high c-reactive protein levels P1256

A.J. Jordan-Torrent, H. Ruiz-Munoz, M. Martinez-Moreno, A.S. Tamayo-Obregon, D. Jover-Rios, J. Fernandez-Canadas, V. Climent-Paya, F. Sogorb-Garri, F. Garcia De Burgos-De Rico (Alicante and Elche, ES)

08:30 - 12:30

Poster Session

Poster Area

- Beta-blocker therapy in patients with acute decompensated chronic heart failure; patterns of utilization in an emergency hospital P1257
A.M. Daraban, S.A. Frunza, A. Pepene, E. Badila, D. Bartos (Bucharest, RO)
- Continuous intravenous furosemide in older patients with decompensated heart failure: safety and efficacy of a stepped-dose protocol P1258
H.F. McIntyre, A. Storey, J. Barrett, S. Nathan (Hastings, GB)
- Inotropic agents in acute heart failure: contemporary data from the new Italian registry IN-HF outcome P1259
A. Mortara, F. Oliva, G. Cacciato, A. Chinaglia, A. Di Lenarda, M. Metra, M. Senni, R. Urso, A. Maggioni, L. Tavazzi (Monza, Milan, Rome, Turin, Trieste, Brescia, Bergamo, Florence and Cotignola, IT)
- Levosimendan improves regional contractility in post ischemic myocardium in patients with acutely revascularised infarction complicated by decompensated heart failure P1260
T. Husebye, J. Eritslund, H. Arnesen, I. Seljeflot, L. Sandvik, A. Mangschau, R. Bjornerheim, G.O. Andersen (Oslo, NO)
- Cardiogenic shock in the post-operative period - a diagnostic challenge P1261
A. Baptista, P. Magalhaes, H. Ribeiro, C. Ferreira, P. Mateus, R. Margato, S. Carvalho, I. Moreira (Vila Real, PT)
- Acute heart failure caused by rupture of an aneurysm of the noncoronary sinus of valsalva. P1262
T. Kovacevic-Preradovic, S. Srdic, Z. Zivanovic, N. Dobrijevic, D. Trninic, M. Kozic, V. Katic, D. Smiljanic (Banja Luka, BA)
- Serum parathyroid hormone levels predict in-hospital worsening of renal function in acute heart failure patients with clinical scenarios 1 to 3 P1263
T. Sugimoto, K. Mori, K. Moriwaki, M. Horiguchi, T. Takamura, S. Sakabe, A. Kawamura, T. Seko, A. Kasai (Tsu and Ise, JP)
- Neutrophil gelatinase-associated lipocalin (NGAL): correlations and reproducibility of the measures in patients hospitalized for acute heart failure P1264
M. Bonadies, S. Mazzetti, P. Delfino, I. Fracchioni, M. Chioffi, V. Casali, M. Finizio, G. Specchia, A. Mortara (Monza, IT)

Heart failure diagnosis

- The novel trends in the etiology of systolic heart failure P1265
P. Rubis, J. Stepniowski, M. Kostkiewicz, A. Lesniak-Sobelga, M. Szukstul, M. Olszowska, P. Podolec (Krakow, PL)
- Multi-scale entropy in heart failure patients P1266
Y.H. Lin, C. Lin, M.T. Lo, Y.L. Ho, M.F. Chen, C.K. Peng (Taipei, Chungli and Jhongli City, TW; Boston, US)
- Limitations of brain natriuretic peptide diagnostic significance in senile patients with chronic heart failure P1267
L. Malinova, T. Silina, T. Denisova (Saratov, RU)
- Diagnosing heart failure: the role of a community outreach clinic P1268
J. Gallagher, B. Travers, M. Ledwidge, D. Weakliam, A. Buckley, B. White, K. McDonald (Gorey, Dublin, Tullamore and Wexford, IE)

08:30 - 12:30

Poster Session

Poster Area

A method for clinical estimation of left ventricular filling pressures in patients with chronic heart failure P1269

C. Kapelios, J. Terrovitis, G. Sainis, V. Sousonis, N. Michelinakis, S. Sventzouri, S. Vakrou, A. Ntalianis, E. Kaldara, J. Nanas (Athens, GR)

Arrhythmias and treatment

Hyperthyroid rats benefit from red palm oil diet due to suppression of their propensity to malignant arrhythmias P1270

B. Bacova, V. Knezl, C. Vincenzova, S. Pavelka, T. Soukup, J. Van Rooyen, N. Tribulova (Bratislava, SK; Prague, CZ; Bellville, ZA)

Effect of omega-3 polyunsaturated fatty acids on holter ECG parameters of hypertrophic cardiomyopathy patients P1271

O.O. Bilostotska, V.I. Tseluyko, K.Y. Kinoshenko (Kharkiv, UA)

Heart failure and microvolt t-wave alternans in adult patients after tetralogy of Fallot repair. P1272

A. Bartczak, O. Trojnarzka, K. Plaskota, A. Cieplucha, L. Kramer, S. Grajek (Poznan, PL)

Atrial fibrillation

Features of warfarin dose titration in long term atrial fibrillation depending on the severity of heart failure P1273

N.U. Zakirov, R.D. Kurbanov, D. Irisov, S.H.S. Husanov (Tashkent, UZ)

Heart failure and atrial fibrillation: risk factors and cardiovascular comorbidities P1274

E. Abdovic, S. Abdovic, V. Blazevic (Zenica, BA)

Gender related differences in predictors of atrial fibrillation in patients with congestive heart failure P1275

K. Bury, P. Rostoff, K. Nycz, A. Sowa, A. Rys, A. Wrobel, A. Matuszyk, J. Lagan, J. Nessler (Krakow, PL)

Survival in outpatients with heart failure and atrial fibrillation 1999-2010 P1277

J.M.O. Arnold, A. Ignaszewski, J. Howlett, M.-H. Leblanc, P. Liu, A. Kaan, S. Zieroth, H. Haddad, G. Marchiori (London, Vancouver, Calgary, Quebec, Toronto, Winnipeg and Ottawa, CA)

Cancer / Cardiotoxicity

Cardiac complications associated with trastuzumab in the setting of adjuvant chemotherapy for early breast cancer overexpressing human epidermal growth factor receptor type 2 P1278

G. Piotrowski, R. Gawor, R. Slomka, M. Banasiak, P. Strzelecki, M. Maizner, P. Potemski, Z. Gawor (Lodz, PL)

Chemotherapy-induced cardiotoxicity: 4 years' experience at a tertiary centre P1279

G. Murtagh, M. McGarry, J. Crowley, P. Nash (Galway, IE)

Modulating endothelial nitric oxide synthase by folic acid reduces acute doxorubicin-induced cardiotoxicity and mortality P1280

Y. Octavia, R. Kietadisorn, H.J. Crijns, S. Janssens, A.L. Moens (Maastricht, NL; Leuven, BE)

08:30 - 12:30

Poster Session

Poster Area

Hypertrophic cardiomyopathy

A case of successful treatment of hypertrophic cardiomyopathy with congestive heart failure

P1281

N. Krylova, N. Poteschkina (Moscow, RU)

Role of NTproBNP in detecting the haemodynamic risk of atrial fibrillation in hypertrophic cardiomyopathy patients

P1282

O. Istratoaie, I.D. Donoiu (Craiova, RO)

Correlation between late gadolinium enhancement on cardiac magnetic resonance and clinical/echocardiographic features in hypertrophic cardiomyopathy

P1283

G. Finocchiaro, M. Merlo, B. Pinamonti, G. Barbati, G. Vitrella, A. Pivetta, A. Cocciolo, G. Lardieri, M. Cova, G. Sinagra (Trieste, IT)

The study of the effect of genetic peculiarities on pharmacological responses in patients with hypertrophic cardiomyopathy

P1284

S. Komissarova, S.M. Komissarova, N.N. Chakova, E.V. Krupnova, S.S. Niyazova, E.P. Mikhaleiko (Minsk, BY)

Dilated cardiomyopathy

Clinical profile of children with dilated cardiomyopathy and heart failure seen in Kosovo

P1285

R. Bejiqi, R. Retkoceri, H. Bejiqi, A. Retkoceri, N. Zeka, S.H. Surdulli (Prishtina, KS)

Renal function has effect on cardiovascular mortality in patients with dilated cardiomyopathy

P1286

G. Ertas, G. Kozdag, E. Emre, A. Vural, A. Akbulut, D. Ural, O. Goktekin (Istanbul and Kocaeli, TR)

Heart rate turbulence as a predictor of cardiac death in patients with chronic heart failure and dilated nonischemic cardiomyopathy

P1287

L. Lepska, P. Zagozdzon, M. Dudziak, G. Raczak (Gdansk, PL)

Non invasive predictors of improvement in non ischemic dilated cardiomyopathy

P1288

C.A. Wojciechowska, W.P. Jachec, A. Gala, K. Krzemien-Wolska, D. Kawecki, A. Tomasik, E. Nowalany-Kozielecka (Zabrze, PL)

Efficiency of ivabradine at patients with dilated cardiomyopathy

P1289

T.A. Abdullaev, S.H.S. Davirova, B.U. Mardanov (Tashkent, UZ)

Sudden death in idiopathic dilated cardiomyopathy: role of beta-blockers in improving survival rates. The experience of the Florence referral center for cardiomyopathies

P1290

G. Castelli, A. Fornaro, M. Ciaccheri, I. Olivetto, C. Pigozzi, B. Tomberli, G.F. Gensini (Florence, IT)

Cardiomyopathy (other)

Effect of heart rate control on mortality in patients with heart failure

P1292

E.W. Alameen, M.B. Bdeir, I. Farah, T. Conboy (Riyadh, SA)

The first caucasian patient with p.Val122Ile mutated-transthyretin cardiac amyloidosis treated with isolated heart transplantation

P1293

N. Marziliano, E. Ammirati, C. Vittori, P. Pedrotti, F. Orsini, V. Motta, M. Gambacorta, S. Veronese, M. Frigerio, P.A. Merlini (Milan, IT)

08:30 - 12:30	Poster Session	Poster Area
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Cardiac function improves in peripartum cardiomyopathy with the utilization of modern heart failure therapy, but CRT use is low	P1294
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S. Emani, C. Okeefe, N.A. Patel, L. White, A.K. Hasan (Columbus, US)

Long-term follow-up after atrial switch operation for transposition of the great arteries	P1295
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A.S. Correia, A. Sousa, C. Cruz, M.J. Maciel (Porto, PT)

Lack of effect of simvastatin on structural remodeling in animal model of chagas cardiomyopathy	P1296
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B.M. Ianni, F.J.A. Ramires, V.M.C. Salemi, F. Fernandes, A.M. Oliveira, F.G. Pessoa, K.C.B. Fonseca, E. Cunha Neto, C. Mady (Sao Paulo, BR)

Genetic deletion of the plasma membrane calcium ATPase isoform 1 (PMCA1) reveals a cardioprotective role against heart failure	P1297
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M.A. Shaheen, T.M.A. Mohamed, S. Prehar, M. Zi, N.P. Stafford, Y. Wang, M. Lei, C. Austin, L. Neyses, E.J. Cartwright (Manchester, GB)

Left ventricle dyssincrony is a common finding in patients with myotonic dystrophy	P1298
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C. Castanheira De Sousa, I. Rangel, E. Martins, A.S. Correia, G. Nadais, F. Silveira, A. Goncalves, J.C. Silva Cardoso, F. Macedo, M.J. Maciel (Porto, PT)

Cardio-renal syndrome

Chronic kidney disease prevalence rate in patients with chronic heart failure	P1299
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O.N. Kurochkina, E. Yerusheva (Sytytkvar, RU)

The cardio-renal syndrome at the patients with thrombotic thrombocytopenic purpura	P1300
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D. Tasic (Nis, RS)

Treatment with beta-blocker in patient with heart failure with preserved systolic function: influence on microalbuminuria and fibronectine	P1301
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O.V. Kuryata, O.V. Soya, A.O. Miroshnichenko (Dnipropetrovsk, UA)

Markers of immune inflammation, glomerular, tubular renal function in chronic heart failure and chronic heart failure accompanied by chronic kidney disease.	P1302
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I. Mykhailova, A. Bylovol, L. Lapshina, P. Kravchun (Kharkiv, UA)

Hydration status in patients with acute decompensated heart failure and acute kidney injury	P1303
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A. Klimenko, S. Villevalde, M. Efremovtseva, Z.H. Kobalava (Moscow, RU)

Co-morbidities (inc. COPD, anaemia, cachexia)

Chronic obstructive pulmonary disease in patients admitted with heart failure	P1304
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N. Karoli (Saratov, RU)

Impact of chronic obstructive pulmonary disease in patients with acute myocardial infarction	P1305
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A.R. Santos, B. Picarra, M. Celeiro, A. Bento, J. Aguiar, S.P.C. Rnsca (Évora, PT)

Impact of anemia on hospital length of stay among congestive heart failure (CHF) patients	P1306
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N. Haq, B. Clark, A. Chibungu, R. Landis, R. Ziegelstein (Baltimore, US)

Survival and body mass index in ambulatory heart failure outpatients	P1307
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J.M.O. Arnold, J. Howlett, A. Ignaszewski, M.-H. Leblanc, A. Kaan, P. Liu, M. Chan, M. Rajda, G. Marchiori (London, Calgary, Vancouver, Quebec, Toronto, Edmonton and Halifax, CA)

08:30 - 12:30

Poster Session

Poster Area

- Cardiac dysfunction in pauci symptomatic HIV patients: a meta-analysis in the highly active antiretroviral therapy era** P1308
E. Cerrato, F. D'ascenzo, G. Biondi-Zoccai, C. Moretti, S. Frea, W. Grosso Marra, P. Omede', F. Sciuto, I. Sheiban, F. Gaita (Turin and Rome, IT)
- Iron homeostasis in advanced heart failure: the hepcidin link** P1309
P. Leszek, B. Sochanowicz, K. Brzoska, W. Piotrowski, L. Kraj, G. Basak, T. Rywik, B.D. Danko, J. Rozanski, M. Kruszewski (Warsaw, PL)
- A single centre experience of end of life care for heart failure patients** P1310
U. Buckley, E. O'dwyer, R. Mcdevitt, C. Howley, J. O'Neill, K. Ryan, N. Mahon (Dublin, IE)
- The role of anaemia in course of vascular remodeling in patients with ischemic chronic heart failure** P1311
N. Koziolova, A. Chernyavina, M. Surovtseva (Perm, RU)

Cytokines and inflammation

- Dynamics of levels of pro-inflammatory cytokines during and after acute anterior myocardial infarction with ST-segment elevation** P1312
V. Ryabov, T. Suslova, T. Ryabova, V. Markov (Tomsk, RU)
- Dynamics of oxidative stress and immune inflammation in chronic heart failure in patients with coronary artery disease** P1313
I. Mykhailova, A. Bylovol, L. Lapshina, P. Kravchun (Kharkiv, UA)
- A closer look at positive affect and its relation with immune activation in outpatients with heart failure** P1314
C.J. Brouwers, P.M.C. Mommersteeg, I. Nycklicek, A.J.M. Pelle, S. Szabo, B. Westerhuis, J. Denollet (Tilburg, NL)
- Effects of physical exercise training on pro-inflammatory cytokine expression** P1315
T.D. Trippel, F. Edelmann, G. Gelbrich, V. Tscholl, D. Obradovic, S. Inkrot, E. Tahirovic, W. Haverkamp, B. Pieske, H.D. Duengen (Berlin, Göttingen and Leipzig, DE; Graz, AT)

Cardiac resynchronisation therapy / ICD

- Predictors of inappropriate therapies after cardioverter-defibrillator implantation** P1316
C. Galvao Braga, S. Ribeiro, V. Ramos, C. Vieira, J. Martins, C. Braga, S. Paiva, S. Rocha, A. Rebelo, S. Magalhaes (Braga, PT)
- Success in the management of high defibrillation threshold (DFT): ICD with 40 J shock energy and programmable shock vectors** P1317
V. Calabrese, A. Creta, G. Di Giovanni, D. Grieco, F. Marullo, R. Pavese, D. Ricciardi, G. Di Sciascio (Rome, IT)
- Long-term beneficial effect of cardiac resynchronization therapy on reverse remodeling of left ventricle** P1318
G. Kamzola, L. Glazere, I. Ansaberga, D. Juhnveica, M. Vikmane, N. Nesterovics, O. Kalejs, V. Dzerve, A. Erglis (Riga, LV)
- Prediction of response to cardiac resynchronization therapy at patients with non-ischaeic dilated cardiomyopathy using electrocardiographic tools** P1319
T. Vaikhanskaya, I. Sidorenko, T. Kaptsiukh, T. Kurushko (Minsk, BY)
- Cardiac resynchronization in a 1.5 year old girl with dilated cardiomyopathy** P1320
J. Hauser, C. Pees, C. Khazen, D. Zimpfer, I. Michel-Behnke (Vienna, AT)

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Poster Session

Poster Area

The value of mitral regurgitation degree in CRT effectiveness in patients with heart failure P1321
D. Goncharik, Y. Persidskikh, I. Sidorenko, A. Chasnoits, A. Mrochek, V. Halianishcha,
A. Kovalenko, T. Burmistrava (Minsk, BY)

The influence of cardiac resynchronization therapy on echocardiographically
estimated right ventricular dysfunction P1322
S. Salinger Martinovic, Z. Perisic, S. Apostolovic, M. Pavlovic, M. Zivkovic, T. Kostic,
N. Bozinovic, N. Krstic, M. Damjanovic, D. Stanojevic (Nis, RS)

Devices

The danger of inappropriate shocks in ICD patients P1323
M. Paiva, A. Sousa, R. Garcia, A. Lebreiro, A. Correia, C. Sousa, I. Rangel, C. Frutuoso,
J. Campos, M.J. Maciel (Porto, PT)

Reliability of impedance cardiography-derived cardiac output P1324
Z. Raissuni, F. Zores, G. Roul (Strasbourg, FR)

Adaptive servo ventilation improves renal function in patients with chronic heart failure P1325
Y. Takeishi, A. Yoshihisa, S. Suzuki (Fukushima, JP)

Left ventricular assist devices improve cardiac function and physical functional
capacity in patients with severe heart failure P1326
D.G. Jakovljevic, D.A. Brodie, M.I. Trenell, E.J. Birks, M.H. Yacoub, L.B. Tan
(Newcastle upon Tyne, Chalfont St Giles, Harefield and Leeds, GB)

Surgery (CABG, valvular, artificial heart, other)

Rehabilitation after cardiosurgery in Russia: pharmacological, psychological, quality of
life and social aspects P1327
E. Averin, Y. Lopatin (Moscow and Volgograd, RU)

Prevalence of the sleep disordered breathing in patients in the rehabilitation period
after cardiovascular interventions and possibilities of on-line sleep lab. P1328
Z. Sukmarova, I. Fietze, H. Therez, T. Penzel (Berlin, DE)

Preoperative antra-aortic balloon pump in patients undergoing coronary bypass
surgery P1329
T. Anguseva, Z.M. Mitrev, I.M. Milev (Skopje, MK)

What affects the occurrence of heart failure in patients with coronary disease who
were scheduled for elective coronary artery by-pass graft surgery? P1330
B. Orbovic, B. Ivanovic, B. Obrenovic-Kircanski, D. Kalimanovska-Ostic, S. Matic,
V. Radojkovic-Radojevic, S. Stevic-Dzelebdzic, D. Vasic (Belgrade, RS)

Aortic root reconstructive surgery- new created technique P1331
Z. Mitrev, T. Anguseva (Skopje, MK)

Heart transplantation

Generic Cyclosporine A in stable heart transplant recipients P1332
A. Doesch, M. Kraeuter, L. Frankenstein, C. Zugck, P. Ehlermann, T.J. Dengler, H.A. Katus
(Heidelberg, DE)

08:30 - 12:30

Poster Session

Poster Area

Worsening heart function in a recipient of a heart transplant and a history of Chagas disease

P1333

A.C.A. Santos Nussbaum, S. Moreira Ayub-Ferreira, V. Sarli Issa, P. Sampaio Gutierrez, R.H. Barros Dos Santos, P.M.A. Pomerantzeff, F. Bacal, E.A. Bocchi (Sao Paulo, BR)

Old markers, new approach to assessment of risk in advanced heart failure

P1334

K. Kodziszewska, P. Leszek, W. Piotrowski, A. Tarnowska, J. Korewicki (Warsaw, PL)

Disease management programmes

The effect of discharge planning on outcomes in patients admitted with heart failure: systematic review and meta-analysis

P1335

P. Costanzo, J.G.F. Cleland, A. Cheung, R. Calo, P. Pellicori, M. Nikolova-Simons (Hull, GB; Eindhoven, NL; Briarcliff Minor, NY, US)

Effect of a low-carbohydrate diet on clinical status in stable chronic heart failure patients

P1336

D. Gonzalez, L. Castillo, A. Orea, G. Olvera, K. Balderas, M. Utrera, N. Sanchez, C. Santillan, E. Colin, W. Rodriguez (Mexico, MX)

Self efficacy and knowledge of disease in a population with chronic heart failure: our experience

P1337

A. Frisinghelli, M. Palvarini, C. Bizzi, M. Pugolotti, M. Lorusso, M. Veniani (Passirana, IT)

Drug therapy, other

Ivabradine in heart failure patients: value for money in a UK setting driven by clinical benefits

P1338

A. Griffiths, N. Paracha, A. Davies, M.R. Cowie, M. Sculpher (Oxford, London and York, GB)

Effect of IRL-1620 -selective ETB1 agonist in contractility on papillary muscle of rat.

P1339

D. Miranda-Silva, C. Jesus-Lopes, I. Falcao-Pires, A. Moreira-Leite (Porto, PT)

Drug-drug interactions in hospitalized patients with chronic heart failure

P1340

T. Roblek, K. Trobec, A. Mrhar, M. Lainscak (Ljubljana and Golnik, SI)

Long term, intermittent levosimendan administration and its clinical effect on quality of life of patients with advanced heart failure

P1341

K. Tsatiris, E. Mprahos, K. Tsarouhas, N. Tziolas, J. Kogias (Karditsa, GR)

Safety and efficacy of levosimendan in patients with acute myocardial infarction: a single-center experience

P1342

F. Caetano, I. Almeida, J. Silva, A. Botelho, P. Mota, A. Leita Marques (Coimbra, PT)

Beta blockers

Baseline characteristics differences and implementation of therapy guidelines in elderly patients with stable chronic heart failure in Germany and former Yugoslavia. Results from CIBIS ELD study

P1343

S. Apostolovic, R. Jankovic Tomasevic, S. Salinger Martinovic, D. Djordjevic Radojkovic, D. Stanojevic, M. Pavlovic, E. Tahirovic, S. Inkrot, G. Gelbrich, H.D. Dungen (Nis, RS; Berlin and Leipzig, DE)

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Poster Session

Poster Area

Effects of beta-blocker therapy on hs-CRP and NT-proBNP in elderly patients with ischaemic and non-ischaemic heart failure: results from CIBIS-ELD P1344

E. Isenovic, B. Putnikovic, P. Milicevic, T. Trippel, D. Obradovic, V. Tscholl, S. Von Haehling, F. Edelmann, F. Edelmann, W. Haverkamp, H.D. Dungen (Belgrade, RS; Berlin and Göttingen, DE)

The study of efficacy and safety of long-term treatment with high therapeutic doses of carvedilol in patients with congestive heart failure. P1345

D.V. Riabenko, E.V. Onyshchenko, Y.S. Rey, T.M. Korniyenko, E.V. Dmitrichenko (Kyiv, UA)

Carvedilol vascular efficacy trial. Does carvedilol improve left ventricular ejection fraction? P1346

A. Papataxiarchou, N. Grekas, A. Athanassiou (Pikermi, Attica, GR)

Predictors of beta-blocker use at discharge in refractory advanced chronic heart failure patients treated with levosimendan without loading dose P1347

R. Mendez, M. Rizzo, J. Comin-Colet, S. Ruiz, C. Enjuanes, A. Torrens, S. Luque, J. Bruguera (Barcelona, ES)

Clinical and hemodynamic efficacy and safety of long-term treatment of high therapeutic dose of carvedilol in patients with systolic heart failure non-coronary origin P1348

D.V. Riabenko, E.V. Onyshchenko, E.S. Rey, T.M. Korniyenko, E.V. Dmitrichenko (Kyiv, UA)

Endothelial dysfunction correction in patients with chronic heart failure and diabetes mellitus type 2 P1349

S. Salavey, S. Matskevich, I. Karpova, T. Denisevich (Minsk, BY)

Hormones / Neurohumoral regulation

ACE2 levels in patients with systolic heart failure P1350

K. Uri, M. Fagyas, A.B. Kertesz, Z. Csanadi, M. Clemens, G. Sandorfi, I. Manyine Siket, Z. Papp, A. Toth, E. Lizanecz (Debrecen, HU)

Association of increased parathyroid hormone with neuroendocrine activation and endothelial dysfunction in elderly men with heart failure P1351

G. Loncar, B. Bozic, S. Dimkovic, N. Prodanovic, Z. Radojicic, V. Cvorovic, B. Putnikovic, V. Popovic (Belgrade, RS)

Metabolism / Diabetes mellitus

Insulin resistance is highly prevalent and contributes to poor prognosis in nondiabetic patients with heart failure with preserved ejection fraction P1352

Y. Matsue, M. Suzuki, W. Nagahori, M. Ohno, A. Matsumura, Y. Hashimoto (Kamogawa, JP)

Micronutrient intake in patients with heart failure P1353

N. Mckeag, M.M. Lynas, M.C. Mckinley, J.V. Woodside, M.T. Harbinson, P.P. Mckeown (Belfast, GB)

Cardiovascular risk scores as potential markers of subclinical diastolic dysfunction in diabetics P1354

A.C. Faustino, L. Paiva, A. Fernandes, R. Providencia, J. Silva, P. Mota, F. Caetano, I. Almeida, M. Costa, A. Leitao-Marques (Coimbra, PT)

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Poster Session

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Heart failure imaging

Prediction of left ventricular filling pressure by echocardiography in heart transplant recipients P1355

K. Broch, A. Al-Ani, E. Gude, L. Gullestad, S. Aakhus (Oslo and Trondheim, NO)

Left atrial disfunction in patients with diastolic heart failure and normal left ventricular ejection fraction and normal left atrial diameters - echocardiographic assesment of left atrial function P1356

I. Stoian, I. Macarie, O. Chioncel, C. Macarie (Bucharest, RO)

Novel echocardiographic markers of left ventricular function in patients with heart failure: correlation with biomarkers P1358

I. Vlasseros, A. Koumoulidis, D. Tousoulis, V. Katsi, N. Papageorgiou, A. Avgeropoulou, S. Veioglanis, C. Stefanadis, I. Kallikazaros (Athens, GR)

Echocardiographic evaluation of left ventricular function in diabetic and non diabetic patients with acute myocardial infarction P1359

P. Kekovic, M. Isailovic - Kekovic, M. Isailovic - Kekovic (Prokuplje, RS)

Mitral annulus time intervals for assessment of left ventricular systolic function in dilated cardiomyopathy P1360

I. Shehata, M. Al-Awady, M. Al-Cekelly, M. Al-Daydamony (Zagazig, EG)

Determinants of microvascular dysfunction in patients with chest pain without significant coronary artery disease: the role of left ventricular dysfunction, low HDL cholesterol and insulin resistance P1361

R. Liga, C. Vecoli, T. Sampietro, E. Fommei, P. Marraccini, D. Giannessi, P. Iozzo, D. Rovai, A. L'abbate, D. Neglia (Pisa, IT)

Cardiac magnetic resonance with late gadolinium enhancement in the investigation of ischemic etiology of dilated cardiomyopathy P1362

R.M. Vieira De Melo, B. Biselli, E.F. Pessoa De Melo, G.E. Conceicao-Souza, H.B. Ribeiro, E.A. Bocchi, E.E. Ribeiro (Sao Paulo, BR)

Semi-quantitative visual analysis of myocardial perfusion scitigraphy is helpful for differential diagnosis of bundle branch block and myocardial infarction P1363

E.J. Cho, K.Y. Choi, B.J. Kwon, D.B. Kim, S.W. Jang, J.H. Kim (Seoul, KR)

Long-term evolution of scar in patients with heart failure and ischaemic heart disease assessed by gadolinium delayed-enhancement magnetic resonance imaging P1364

N. Sherwi, E. Lukaschuk, J. Zhang, A. Torabi, O. Khaleva, K. Wong, A. Yassin, A.L. Clark, J.G.F. Cleland (Hull, GB)

Biomarkers

High sensitivity ST2 and renal function in ambulatory heart failure patients P1365

A. Bayes-Genis, M. De Antonio, A. Galan, A. Urrutia, E. Zamora, R. Cabanes, L. Cano, C. Diez, R. Coll, J. Lupon (Badalona, ES)

The utility of cardiac biomarkers, conventional echocardiography and tissue Doppler imaging in early detection of future doxorubicin-induced cardiotoxicity P1366

C. Mornos, L. Petrescu, R. Dan, A. Mornos, D. Cozma, A. Ionac, M. Valcovici, S.I. Dragulescu (Timisoara, RO)

08:30 - 12:30	Poster Session	Poster Area
Plasma level of osteopontin as biomarker of cardiac remodelling severity in chronic heart failure patients		P1367
A. Berezin, V. Seden, T.A. Berezina (Zaporozhye and Kherson, UA)		
Relationship of Hyponatremia with BNP, systolic blood pressure, serum creatinin level and dose of diuretic in elderly patients with heart failure		P1368
N.Z.K. Zainal Abidin (Dublin, IE)		
Galectin-3 in MADIT-CRT (Multicenter Automatic Defibrillator Implantation Trial--Cardiac Resynchronization Therapy)		P1369
C. Stolen, A. Adourian, T.E. Meyer, Y. Guo, K.M. Stein, P. Muntendam (St Paul and Waltham, US)		
Direct comparison of high-sensitive Troponin-I and high-sensitive Troponin-T in chronic heart failure: have they the same prognostic value?		P1370
M. De Antonio, J. Lupon, A. Galan, J. Vila, A. Urrutia, E. Zamora, L. Cano, B. Gonzalez, C. Diez, A. Bayes-Genis (Badalona and Barcelona, ES)		
Prevalence and prognostic implication of increased levels of high-sensitive troponin T in outpatients with chronic heart failure		P1371
M.L. Coronel, E.R. Perna, J.P. Cimbaro Canella, S.M. Macin, P. Barrios, C. Gimenez, J. Silveyra, M. Brizuela, L. Borgo, B.N. Gonzalez Arjol (Corrientes, AR)		
Increase of left ventricular myocardial mass index in short and long periods after myocardial infarction is predicted by high dyslipidemia TG/HDL-C ratio and low apoptosis sFas/sFasL ratio		P1372
O. Mirolubova, A. Iakovleva (Arkhangelsk, RU)		
Copeptin is a long term predictor of mortality and rehospitalization for decompensated heart failure - preliminary results		P1373
D. Silva, A. Magalhaes, N. Cortez-Dias, P. Carrilho-Ferreira, D. Pereira, S. Lourenco, P. Aguiar, F. Florindo, A. Nunes Diogo, D. Brito (Lisbon, PT)		
C-reactive protein and its prognostic value on heart failure: does it hold itself?		P1374
D.A. Moreira, A.P. Delgado, B.F. Rodrigues, C.E. Correia, L.M. Nunes, J. Oliveira-Santos (Viseu, PT)		
Relation of plasma aminothiols concentration to functional state of patients with atrial fibrillation		P1375
M.S. Deshko, V.A. Snezhitskiy, A.V. Naumov, E.M. Doroshenko, O.V. Panasiuk, T.S. Dolgoshey, G.A. Madekina (Grodno, BY)		
The impact of confounders on the test performance of natriuretic peptides for cardiac dysfunction in subjects aged 80 and older		P1376
B. Vaes, D. Gruson, G. Van Pottelbergh, A. Pasquet, C. Mathei, W. Adriaensen, N. Rezzoug, J.L. Vanoverschelde, J. Degryse (Brussels, BE)		
Impact of therapy optimisation on the level of biomarkers in patients with acute and decompensated chronic heart failure: rationale and design of the MOLITOR study		P1377
V. Tscholl, E. Tahirovic, T.D. Trippel, S. Inkrot, D. Obradovic, D. Matic, M. Lainscak, S. Apostolovic, W. Haverkamp, H.D. Duengen (Berlin, DE; Belgrade and Nis, RS; Golnik, SI)		

08:30 - 12:30

Poster Session

Poster Area

- The influence of diabetes mellitus on NT-proBNP level in patients with congestive heart failure** P1378
B. Stojcevski, B. Pencic, V. Celic, A. Andric, E. Lebedinski, J. Suzic-Lazic, V. Vukomanovic, A. Majstorovic, A. Sljivic (Belgrade, RS)
- The relationship between body composition and NT-pro- BNP level in patients with heart failure and obesity** P1379
Y.U. Sazonova, Y.U. Svyryaev, A. Konradi, S. Kozlova, E. Shlyakhto (St. Petersburg, RU)
- Induction of Peroxisome proliferator activated receptor gamma coactivator-1alpha predicts ventricular remodeling after ST-segment elevation myocardial infarction** P1380
O. Fabregat Andres, M. Corbi-Pascual, A. Valle-Munoz, M. Ferrando-Beltran, P. Garcia-Gonzalez, M. Mata, J. Estornell-Erill, R. Paya-Serrano, M. Monsalve, F. Ridocci-Soriano (Valencia, Albacete and Madrid, ES)
- GSTM1 and GSTT1 null genotype are associated with higher risk of chronic heart failure among smokers** P1381
N. Jankovic, D.V. Simic, S. Radovanovic, N. Mujovic, A. Kocijancic, P.M. Seferovic, T. Potpara, V. Coric, A. Savic-Radojevic, T. Simic (Belgrade, RS)

Nursing

- Self-efficacy and personal resources among patients with worsening CHF** P1382
A. Wolf, L.-E. Olsson, K. Swedberg, I. Ekman (Gothenburg, SE)

Population studies / Epidemiology

- Secular trends show increased incidence of heart failure with preserved ejection fraction in the male general population of northeast Japan** P1384
M. Honma, F. Tanaka, T. Onoda, K. Sato, T. Sakai, O. Nishiyama, M. Onodera, K. Sakata, M. Nakamura (Morioka, JP)
- Effects of ivabradine in patients with ischemic heart disease and chronic heart failure** P1386
J. Poles, B. Hizar, J. Berkopec, L. Lipar (Topolsica and Ljubljana, SI)
- Impact of heart disease on the clinical outcome of patients hospitalized due to an acute exacerbation of COPD; a 12-month follow-up study.** P1387
L. San Vicente, N. Galofre, J. Oriol, S. Fernandez, E. Kaplinsky, E. Galvez, L. Ortega, G. Beltran, M. Altimira (Badalona, ES)
- Baseline characteristics differences between female patients with stable chronic heart failure from Germany and former Yugoslavia - CIBIS ELD study** P1388
S. Apostolovic, D. Stanojevic, R. Jankovic Tomasevic, D. Djordjevic Radojkovic, M. Tomasevic, M. Pavlovic, E. Tahirovic, S. Inkrot, G. Gelbrich, H.D. Dungen (Nis and Belgrade, RS; Berlin and Leipzig, DE)
- Heart failure in octogenarians five-year differences in hospital presentation** P1389
L. Mircheva, A. Angelov, A. Kisheva, O. Kunchev, Y. Yotov, A. Penev (Varna, BG)

08:30 - 12:30

Poster Session

Poster Area

Psychosocial / Ethical concepts / Education

Socio cultural barriers to device therapy among asian patients with heart failure P1390

E. Lee, R. Chen, S. Aziz, P.T. Tan, Y.H. Seow, W.L. Toon, P. Chai, R. Wong, S.C. Seow, C. Lam (Singapore, SG)

Differences in self-rated versus physician-rated global health in patients with heart failure P1391

S. Inkrot, E. Tahirovic, M. Lainscak, S. Apostolovic, D. Obradovic, V. Tscholl, T. Trippel, M. Osterland, T. Dassen, H.D. Duengen (Berlin, DE; Golnik, SI; Nis, RS)

Exercise testing & training

Impact of cardiac rehabilitation on the chronotropic response to exercise and exercise capacity. P1392

A.S. Correia, A. Rocha, M. Paiva, A. Sousa, I. Rangel, C. Sousa, V. Ribeiro, V. Araujo, F.P. Pereira, M.J. Maciel (Porto, PT)

Exercise capacity in patients with coronary artery disease: what is beyond global left ventricular systolic function? P1393

A.S. Correia, A. Goncalves, A. Rocha, S.A.R.A. Costa, G. Ferreira, C. Sousa, I. Rangel, V. Araujo, F.P. Pereira, M.J. Maciel (Porto, PT)

Effect of school health improve functional and psychological status patients P1394

A.V. Petrisheva, N.A. Koryagina (Perm, RU)

Prognosis

Differences in long-term prognosis between cohorts of HF-patients observed in the EMMACE- 1 and -2 studies P1395

C. Lewinter, J.M. Bland, S. Crouch, P. Doherty, R.J. Lewin, L. Kober, A.S. Hall, C.P. Gale (York and Leeds, GB; Copenhagen, DK)

Lower blood pressure confers worst prognosis only in HF patients with history of hypertension P1396

A.A. Gomes, E. Ferreira, C. Dias, N. Correia, P. Lourenco, S. Silva, O. Laszczynska, J. Pimenta, A. Azevedo, P. Bettencourt (Porto, PT)

Decreased level of triglycerides are associated with a worse outcome in patients with ischemic and non-ischemic heart failure P1397

G. Kozdag, G. Ertas, E. Emre, Y. Akay, U. Celikyurt, G. Gorur, G. Kahraman, T. Sahin, K. Hebert, D. Ural (Kocaeli and Istanbul, TR; Miami, US)

Incidence of left bundle branch block in heart failure outpatients. P1398

V.N. Larina, B.B. Bart, M.G. Golovko, M.P. Mikhaylusova (Moscow, RU)

Differences of long-term prognostic factors in chronic kidney disease patients according to dialysis P1399

S. Lee, H. Yun, E. Kim, M. Soh, L. Jung, W. Kim, J. Ko (Jeonju, KR)

Dilatation of left ventricle and ejection fraction as factors of survival: 10-years follow up of patients with intracoronary thrombolysis in acute myocardial infarction P1400

V. Bisenic, Z.V. Vasiljevic, B.M. Milovanovic, S.D.J. Djordjevic, A.D.J. Djokovic, J.S. Saric, S.R. Radovanovic, B.T. Todric, N.M. Milic, M.K. Krotin (Belgrade, RS)

Comorbidity in somatic practice P1401

A. Skotnikov, A. Vertkin, M. Rumyantsev (Moscow, RU)

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Poster Session

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Pathophysiology

Exaggerated hemodynamic response to hypoxia in patients with heart failure and high peripheral chemosensitivity

P1402

P. Niewinski, Z.J. Engelman, M. Fudim, E.A. Jankowska, W. Banasiak, P. Ponikowski (Wroclaw, PL; Auckland, NZ; Duesseldorf, DE)

Venous pH during exercise in untrained healthy volunteers and patients with chronic heart failure

P1403

T. Lelyavina, M.Y.U. Sitnikova, E.V. Shlyakhto (St. Petersburg, RU)

Pulmonary hypertension

Waveform augmentation calculated from the right ventricular pressure waveform in patients with pulmonary arterial hypertension

P1404

B.G. Vikstrom, B. Kjellstrom (Uppsala and Stockholm, SE)

Nebivolol efficacy in patients with chronic heart failure and pulmonary hypertension due to diastolic dysfunction

P1405

O.V. Koshlataja (Minsk, BY)

Positive pulmonary hypertension reversibility test with nitric oxide but not with nitroprusside indicates better prognosis in patients with dilated cardiomyopathy and pulmonary hypertension

P1406

W.P. Jachec, C.A. Wojciechowska, A. Gala, A. Tomasik, D. Kaweck, K. Krzemien-Wolska, E. Nowalany-Kozielecka (Zabrze, PL)

Right ventricular function

Reverse remodeling of right cardiac chambers after percutaneous atrial septal defect closure

P1407

A. Sousa, A. Lebreiro, A.S. Correia, C. Cruz, P. Almeida, N.P. Oliveira, J.C. Silva, F. Macedo, M.J. Maciel (Porto, PT)

Effects of pulmonary endarterectomy on right-sided echocardiographic parameters and six-minute walk test distances in patients with chronic thromboembolic pulmonary hypertension

P1408

A. Kepez, T. Kivrak, M. Sunbul, E. Eroglu, B. Yildizeli, B. Mutlu (Istanbul, TR)

Sildenafil as a tool for controlling systolic pulmonary artery pressure in patients with Pulmonary Arterial Hypertension

P1409

O. Londono Sanchez, S. Pacreu, L. Paredes (Barcelona, ES)

Left ventricular function

Cross-sectional relationship of Mediterranean type diet to diastolic heart function in chronic heart failure patients

P1410

C. Chrysoshoou, G. Metallinos, I. Kotroyiannis, C. Antoniou, A. Tsantilas, E. Economou, G. Tsitsinakis, C. Stefanadis, D. Tousoulis, C. Stefanadis (Athens, GR)

Impact of right ventricular outflow tract premature beats to myocardial remodeling

P1411

A.V. Ardashev, E. Zhelyakov, M. Rybachenko, A. Konev, Y.U. Belenkov (Moscow, RU)

Myocardial reverse remodeling in non-ischemic dilated cardiomyopathy

P1412

I. Ruiz Zamora, J.M. Garcia Pinilla, I. Rodriguez Bailon, J. Robledo Carmona, E. De Teresa Galvan (Malaga, ES)

08:30 - 12:30	Poster Session	Poster Area
QRS and parameters of left ventricle in patients with systolic heart failure M. Trukshina, M. Sitnikova, E. Shlyakhto (St. Petersburg, RU)		P1413
HFpEF - Heart failure with preserved ejection fraction		
Ventricular-arterial interaction in heart failure with preserved ejection fraction D. Somleva, E. Kinova, N. Spasova, T. Kourteva, A. Goudev (Sofia, BG)		P1414
Structural and functional assessment of the left atrium in hypertensive patients with left ventricle diastolic dysfunction and preserved systolic function L. Agoston-Coldea, S. Lupu, S. Hicea, T. Mocan (Cluj-Napoca, RO)		P1415
Interest of cardiopulmonary exercise testing in patient with heart failure and preserved ejection fraction B. Kurtz, B. D'here, D. Stepowski, C. Vallet, A.M. Mutel, H. Eltchaninoff, F. Bauer (Rouen, FR)		P1416
The rationale of a simple handheld echo protocol to exclude heart failure with preserved ejection fraction in the community T. Erdei, A.G. Fraser (Cardiff, GB)		P1417
Animal models and experimentation		
Gender differences in cardiac remodeling secondary to tachycardia-induced cardiomyopathy in pigs L. Kiczak, A. Tomaszek, J. Bania, M. Zacharski, U. Paslawska, D. Zysko, A. Janiszewski, I. Rybinska, E.A. Jankowska, P. Ponikowski (Wroclaw, PL)		P1418
Alterations in cardiac function in ApoE/LDLR-/- mice fed standard or Low Carbohydrate High Protein (LCHP) diet U. Tyrankiewicz, M. Jablonska, T. Skorka, K. Byk, A. Orzel, E. Maslak, M. Franczyk-Zarow, R.B. Kostogrysz, S. Chlopicki (Krakow, PL)		P1419
Molecular and structural heart remodelling in experimental hypertension: effect of nuclear factor-kappa B inhibition O. Pechanova, S. Vrankova, J. Parohova, A. Barta, M. Kovacsova, P. Janega (Bratislava, SK)		P1420
Myocardial oxidative metabolism in rapid pacing induced heart failure in dogs M. De Pauw, J. Melin, M.L. De Buyzere, G. Heyndrickx (Ghent, Brussels and Aalst, BE)		P1421
Cellular biology		
Role of spinophilin in regulating phosphorylation and function of the cardiac RyR2 P. Wakula, F. Hohendanner, E.M. Gutsch, S. Sedej, F.R. Heinzel, B. Pieske (Graz, AT)		P1422
Role of Notch pathway in regulation of mesenchymal cells from adipose tissue of heart failure patients C. Fortini, N. Bergamin, L. Moretti, A. Caragnano, F. Cecaro, A.P. Beltrami, A. Fucili, D. Cesselli, P. Rizzo, R. Ferrari (Lumezzane, Udine and Ferrara, IT)		P1423
Expression of sodium handling proteins in the young beta1-adrenergic receptor transgenic mice with impaired Na ⁺ homeostasis P. Schoenleitner, F.R. Heinzel, G. Unterer, S. Engelhardt, B. Pieske, P. Wakula (Graz, AT; Munich, DE)		P1424
Alterations in a secretion of key paracrine factors by mesenchymal stem cells in heart failure and co-morbidities I. Minullina, R. Dmitrieva, S. Anisimov, A. Zaritskey (St. Petersburg, RU)		P1425

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Poster Session

Poster Area

Ischemia / Reperfusion / Reconditioning / Postconditioning

Prognostic significance of new-onset atrial fibrillation in patients with left ventricular systolic dysfunction after myocardial infarction treated with primary percutaneous coronary intervention

P1426

L. Savic, I. Mrdovic, J. Perunicic, M. Asanin, G. Krljanac, R. Lasica, M. Matic, Z. Vasiljevic (Belgrade, RS)

Uncoupling proteins in heart function with aging and ischemia-reperfusion

P1427

Y.V. Goshovska, T.V. Shimanskaya, V.F. Sagach (Kiev, UA)

Mitochondrial DNA (mtDNA) is released by ischemia reperfusion of the heart and induces a cardioprotective, inflammatory response

P1428

M. Bliksoen, L.H. Mariero, F. Haugen, T. Ranheim, K. Ytrehus, J.I. Vaage, K.O. Stenslokken, G. Valen (Oslo and Tromsø, NO)

The influence of chronic renal failure on the cardioprotective effect of preconditioning in rats with partial nephrectomy

P1429

M. Sarkozy, F.G. Kocsis, P. Bencsik, M. Pipicz, V.Z. Varga, J. Pipis, J. Paloczi, S.Z. Torok, P. Ferdinandy, T. Csont (Szeged, HU)

Effect of hydrogen sulfide on cardiac function and reperfusion injury

P1430

V.F. Sagach, T.V. Shimanskaya, Y.V. Goshovska (Kiev, UA)

Benefit of coronary revascularization in patients with severe heart failure without angina, 60 cases with 2 years follow up

P1431

L. Vandro, K. Heltai, B. Merkely (Budapest, HU)

In vivo pharmacological postconditioning by hydrogen sulfide through PKG activation

P1432

I. Andreadou, S.I. Bibli, Z. Zhou, A. Zoga, D.T.H. Kremastinos, M. Anastasiou-Nana, E.K. Iliodromitis, A. Papapetropoulos (Athens and Patras, GR)

Vascular biology

Activation of adenosine A2 receptors increases angiogenesis through up-regulation of thrombospondin-1 production by macrophages

P1433

I. Ernens, B. Lenoir, Y. Devaux, D.R. Wagner (Luxembourg, LU)

Monocyte-derived endothelial progenitor cells in systolic heart failure

P1434

E. Shantsila, B.J. Wrigley, A. Shantsila, L.D. Tapp, P.S. Gill, G.Y.H. Lip (Birmingham, GB)

Dose dependent effects of atorvastatin treatment on arterial wall properties and inflammatory process in ischemic heart failure

P1435

E. Oikonomou, G. Siasos, D. Tousoulis, M. Zaromitidou, C. Chrysoshoou, K. Maniatis, S. Michalea, S. Kioufis, A.G. Papavassiliou, C. Stefanadis (Athens, GR)

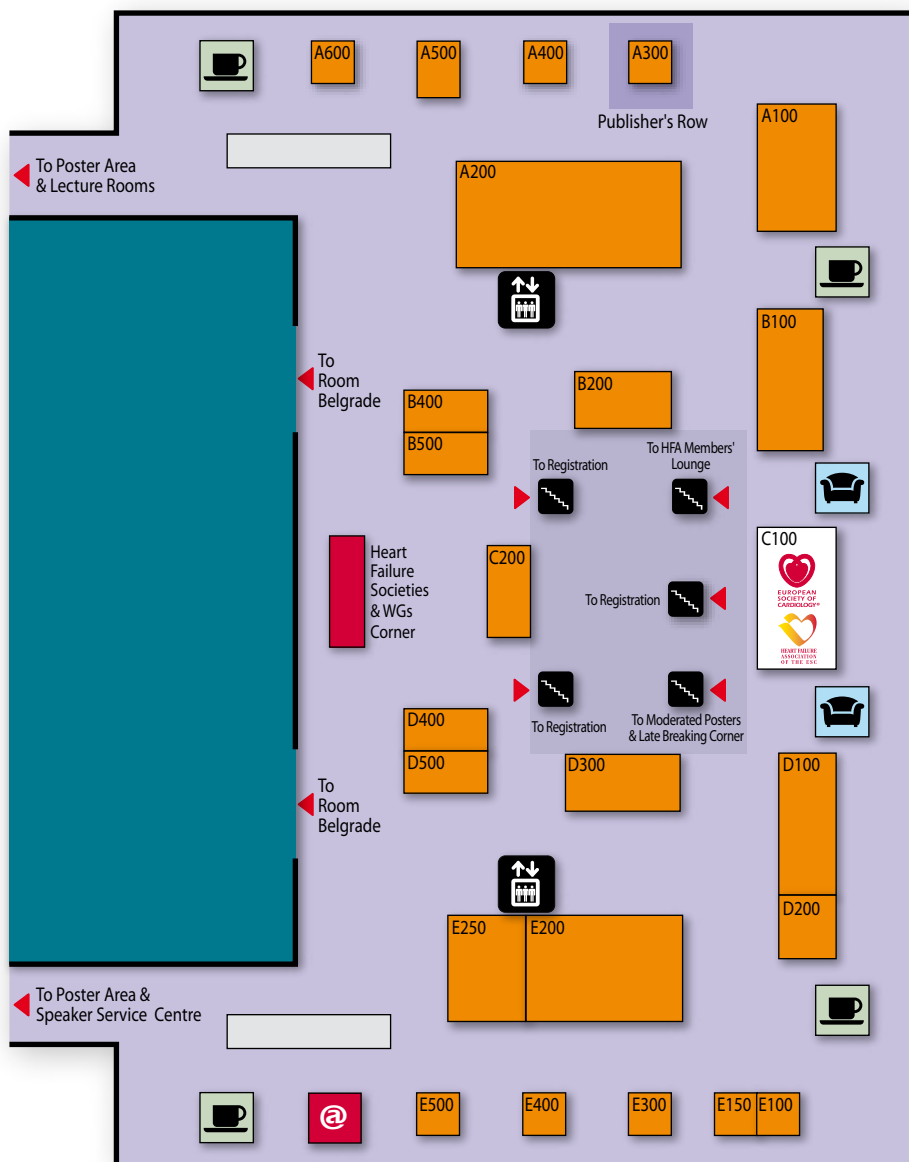
Galectin-3 is a potential mediator of aldosterone effects in vascular remodeling

P1436

L. Calvier, P. Reboul, B. Martin-Fernandez, V. Lahera, Z. Zannad, V. Cachofeiro,

P. Lacolley, P. Rossignol, N. Lopez-Andres (Vandœuvre-Les-Nancy, FR; Madrid, ES)

Exhibition Floor Plan



ALERE
BG Medicine, Inc
BMS/Pfizer Ltd
Boston Scientific
Circulite Inc
European Society of Cardiology
GE Healthcare
Heart Failure Association of the ESC
HeartWare

A600 Lisboa Convention Bureau
B500 Medtronic
E250 Novartis Pharma AG
C200 Oxford University Press
A400 Pfizer Ltd
C100 Philips Healthcare
B200 ResMed Europe
C100 Richter Gedeon
D400 SCHILLER AG

E100 Scisense Systems Inc
B100 Servier
A100 St Jude Medical
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E200 Vifor Pharma Ltd
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D300 ZOLL CMS GmbH
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NEW THIS YEAR!

The Heart Failure Societies and Working Groups Corner

Find out more about your HFA network and the activities
of the following Societies / Working Groups:

The Heart Failure Working Group of the Bulgarian Society of Cardiology

The Heart Failure Working Group of the Hellenic Cardiologic Society

The Israeli Heart Failure society

The Heart Failure Working Group of the Lithuanian Society of Cardiology

The Heart Failure Working Group of the Romanian Society of Cardiology

The Heart Failure Working Group of the Slovenian Society of Cardiology

The Heart failure Working Group of the Swedish Society of Cardiology

The Heart Failure Working Group of the Turkish Society of Cardiology

Exhibitors at Heart Failure 2012:

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ALERE**A600**

Parkmore East Business Park, Ballybrit
Galway
Ireland
Tel: +41 218 047 152

Email: carine.isenegger@alere.com

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610N Lincoln Street
Waltham, MA 02451
United States of America
Tel: +1 781 890 1199
Fax: +1 781 895 1119

Email: communications@bg-medicine.com

Web Site: www.bg-medicine.com

BG Medicine, Inc. is a life sciences company focused on the discovery, development, and commercialization of novel, biomarker-based diagnostics to improve patient outcomes and contain healthcare costs. The Company recently launched the BGM Galectin-3™ test for use in patients with heart failure.

For additional information please visit www.bg-medicine.com and www.galectin-3.com.

Boston Scientific**C200**

55, avenue des Champs Pierreux
92729 Nanterre
France
Tel: +33 1 57 66 80
Fax: + 33 1 57 66 84

Email: isabelle.gaumond@bsci.com

Web Site: www.bostonscientific-international.com/home.bsci

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CircuLite Inc**A400**

250 Pehle Avenue
 Park 80 West, Suite 403
 Saddle Brook, NJ 07663
 United States of America
 Tel: +1 201 543 2430
 Fax: +1 201 543 2015

Email: information@circulite.net

Web Site: www.circulite.net

CircuLite, Inc. (Saddle Brook, NJ and Aachen, Germany) is transforming heart failure treatment with the development of a platform of minimally-invasive, long term partial circulatory support devices. By enabling a proactive and lower-risk treatment approach through supplementing a patient's native cardiac pumping capacity, CircuLite has the potential to improve the quality of life for millions of chronic heart failure patients. CircuLite's Synergy® Micro-Pump, the world's smallest implantable blood pump, weighs 25g and provides up to 4.25 L/min flow.

European Society of Cardiology**C100**

2035 Route des Colles
 Les Templiers - BP 179
 06903 Sophia Antipolis
 France
 Tel: +33 4 92 94 76 00
 Fax: +33 4 92 94 86 69

Email: communications@escardio.org

Web Site: www.escardio.org

The European Society of Cardiology (ESC) represents more than 71,500 cardiology professionals from across Europe and the Mediterranean. The ESC comprises 54 National Cardiac Societies, 19 Working Groups, 5 Associations and 5 Councils. It also includes the distinguished community of ESC Fellows and Nurse Fellows. Its mission is «To reduce the burden of cardiovascular disease in Europe». The ESC achieves this through a series of scientific and educational activities and the ESC Congress, the largest medical meeting in Europe, held this year from 25-29 August 2012 in Munich, Germany.

GE Healthcare**B200**

Pollards Wood
 Nightingales Ln
 HP8 4SP Chalfont, St Giles, Bucks
 United Kingdom
 Tel: +44 149 454 4000

Email: info@gehealthcare.com

Web Site: www.gehealthcare.com

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Heart Failure Association of the ESC**C100**

2035 Route des Colles
 Les Templiers - BP 179
 06903 Sophia Antipolis
 France
 Tel: +33 4 92 94 76 00
 Fax: +33 4 92 94 86 46

Email: hfa@escardio.org

Web Site: www.escardio.org/HFA

The Heart Failure Association (HFA) of the ESC is an association of professionals working together on its mission 'to improve the quality of life and longevity of patients, diagnosis and treatment of heart failure, education and research'.

With more than 5 700 members, the Association is made up of basic, clinical and nurse sections, focused scientific committees and study groups and an exceptional network of national societies.

Interested in joining this active Association? Visit the HFA Stand and discover the membership opportunities.

HeartWare**D400**

205 Newbury Street
 Framingham, MA 01701
 United States of America
 Tel: +1 508 739 0950
 Fax: +1 508 739 0948

Email: klee@heartwareinc.com

Web Site: www.heartware.com

HeartWare, Inc. is developing a family of implantable mechanical circulatory support systems for the treatment of advanced heart failure. HeartWare's lead device, the HeartWare® Ventricular Assist System, incorporates state-of-the-art peripherals and features the only full-output pump designed to be implanted less invasively in the pericardial space. The HeartWare® System is commercially available in Europe and is the subject of a 150-patient US IDE trial.

Lisboa Convention Bureau**E100**

Rua do Arsenal n. 21
 1100-038 Lisboa
 Portugal
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 Fax: +351 210 312 89

Email: atl@visitlisboa.com

Web Site: www.visitlisboa.com

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Route du Molliau 31
1131 Tolochenaz
Switzerland
Tel: +41 218 027 000

Email: christine.dettwiler@medtronic.com
Web Site: www.medtronic.eu

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Forum 1
Novartis Campus
4055 Basel
Switzerland
Tel: +41 613 243 12

Email: christian-claus.roth@novartis.com

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United Kingdom

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Dorking Road, Tadworth, Surrey
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United Kingdom
Tel: +44 130 461 6161

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Philips Healthcare**E500**

Hewlett-Packard-Str. 2
71034 Boeblingen
Germany
Tel: +49 703 146 329 13
Fax: +49 703 146 322 02

Email: Melanie.Sarantos@philips.com
Web Site: www.healthcare.philips.com/goto/motiva

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Fjordveien 1
1363 Høvik
Norway
Tel: +47 671 188 50
Fax: +47 671 188 55

Email: post@resmed.no
Web Site: www.resmed.com

ResMed is a global leader in the development, manufacturing and marketing of medical products for the diagnosis, treatment and management of sleep-disorder breathing. ResMed is committed to increasing education and awareness by supporting leading physicians and researchers exploring the link between SDB and various life-threatening diseases such as heart failure.

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Vladimira Popovica 6
11070 Belgrade
Serbia
Tel: +381 112 608 998
Fax: +381 112 608 958

Email: t.gluscevic@richter.rs
Web Site: www.richter.hu

Richter Gedeon, the largest pharmaceutical factory in Hungary. The Company is present in thirty countries thanks to its four production sites, thirty representative offices, fourteen commercial subsidiaries and wholesale joint ventures.

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Altgasse 68
CH-6341 Baar
Switzerland
Tel: +41 417 664 242
Fax: +41 417 610 880

Email: sales@schiller.ch
Web Site: www.schiller.ch

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Scisense Systems Inc**E150**

3397 White Oak Road - Unit 3
London N6E 3A1
Canada
Tel: +1 519 680 7677
Fax: +1 519 680 7718

Email: info@scisense.com
Web Site: www.scisense.com

Scisense Systems Inc. manufactures micro-sensing devices for cardiac function assessment, specializing in blood pressure, volume, and ECG systems. Our products are designed to the highest quality standards, and are offered with unmatched warranty and customer service. Together with Transonic and Endosomatic Systems, we offer complete solutions for basic science research.

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Servier is a private independent pharmaceutical company.

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St Jude Medical**A500**

Corporate Village
Avenue Da Vinci 11 Box F1
1935 Zaventem
Belgium
Tel: +32 277 468 11
Fax: +32 277 468 43

Email: kgooris@sjm.com

Web Site: www.sjmprofessional.com

St. Jude Medical develops medical technology and services that focus on putting more control into the hands of those who treat cardiac, neurological and chronic pain patients worldwide. The company is dedicated to advancing the practice of medicine by reducing risk wherever possible and contributing to successful outcomes for every patient. Headquartered in St. Paul, Minn., St. Jude Medical employs more than 16,000 people worldwide and has four major focus areas that include: cardiac rhythm management, atrial fibrillation, cardiovascular and neuromodulation.

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Thoratec Corporation**B400**

6035 Stoneridge Drive
Pleasanton, CA 94588
United States of America
Tel: +1 925 847 8600
Fax: +1 925 847 8574

Email: sandie.hastings@thoratec.com

Web Site: www.thoratec.com

Thoratec is a world leader in therapies to address advanced-stage heart failure. The company's products include the HeartMate® LVAS (Left Ventricular Assist System) and Thoratec® VAD (Ventricular Assist Device) with more than 18,000 devices implanted in patients suffering from heart failure. Thoratec also manufactures and distributes the CentriMag® and PediMag®/PediVAS® product lines.

Vifor Pharma Ltd**D100**

Flughofstrasse 61
P.O. Box
8152 Glattbrugg
Switzerland
Tel: +41 588 518 000
Fax: +41 588 518 001

Email: info@viforpharma.com

Web Site: www.viforpharma.com

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SG4 0TJ Hitchin
United Kingdom
Tel: + 44 146 242 4700
Fax: +44 146 242 4701

Email: jdavies@wpi-europe.com

Web Site: www.wpi-europe.com

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Emil-Hoffmann-Strasse 13
50996 Köln
Germany
Tel: +49 223 687 8747
Fax: +49 223 687 8751

Email: hesser@zoll.com

Web Site: www.lifevest.zoll.com

Zoll produces a wearable defibrillator that protects patients from sudden cardiac death.

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