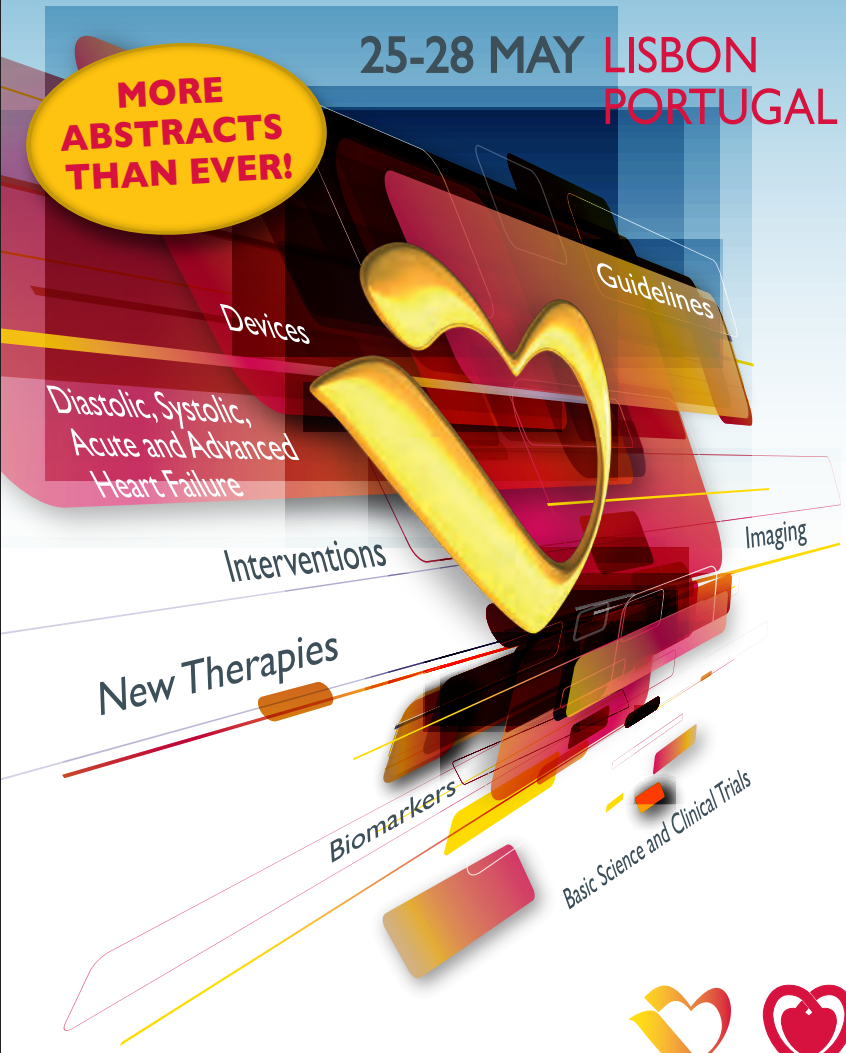
Heart Failure 2013

THE ANNUAL MEETING OF THE HEART FAILURE ASSOCIATION OF THE ESC

ADVANCE PROGRAMME

The Heart Failure Specialist of Tomorrow
From Diagnosis to Intervention

25-28 MAY LISBON PORTUGAL



www.escardio.org/HFA

HEART FAILURE ASSOCIATION OF THE ESC

EUROPEAN SOCIETY OF CARDIOLOGY®

IMPORTANT DEADLINES

21 March 2013
Early registration

15 April 2013
Late Breaking Trials
Late Breaking research:
"Basic Science" & "Clinical Research"

18 April 2013
Late registration

15 May 2013
Last minute registration

More information on
www.escardio.org/HFA
or contact us at:
HFsecretariat@escardio.org



ORGANISING COMMITTEE

Heart Failure 2013 Scientific Programme Committee

B. Pieske FESC (Graz, AT)
Scientific Chairperson

S.D. Anker FESC (Berlin, DE)
President HFA of the ESC (2012 - 2014)

Local committee

D.A. Brito FESC (Lisbon, PT)
Local Host

J. Silva-Cardoso (Porto, PT)
Local Host & President-Elect
Portuguese Society of Cardiology

Fernando Bacal
Brazilian Society of Cardiology

José R. Gonzalez-Juanatey
President-Elect
Spanish Society of Cardiology

Board of the Heart Failure Association (HFA) of the ESC (2012 - 2014)

Stefan Anker (DE)	President
Gerasimos Filippatos (GR)	President Elect
Piotr Ponikowski (PL)	Immediate Past-President
Burkert Pieske (AT)	Chairperson of the Clinical Section
Zoltan Papp (HU)	Chairperson of the Basic Science Section
Petar Seferovic (RS)	Coordinator for National HF Societies & Working Groups
Aldo Maggioni (IT)	Secretary
Frank Ruschitzka (CH)	Treasurer

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Marisa Generosa Crespo-Leiro (ES),
Arno Hoes (NL),
Ekaterini Lambrinou (CY),
Adelino Leite-Moreira (PT),
Viacheslav Mareev (RU),
Theresa McDonagh (UK),
Massimo Piepoli (IT),
Jillian Riley (London, UK)

Basic Sciences Section

Stephane Heymans (NL), Ludwig Neyses (UK), Christoph Maack (DE), Alexandre Mebazaa (FR)

Ex-officio

Dirk van Veldhuisen (NL)

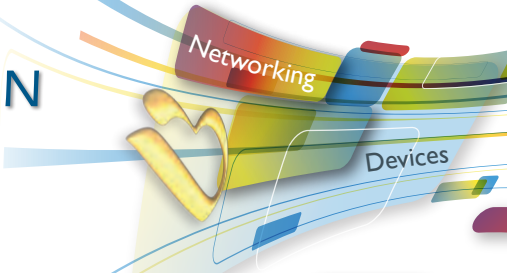
Sui Generi

Kenneth Dickstein (NO), John McMurray (UK), Andrew Coats (UK)

The Heart Failure 2013 Scientific Programme Committee wishes to express its warmest thanks for their contribution to the programme to:

ASEAN Federation of Cardiology ▪ Brazilian Society of Cardiology ▪ China ▪ ESC Working Group on Myocardial Function ▪ Heart Failure Society of America (HFSA) ▪ Japan ▪ Portuguese Society of Cardiology ▪ Spanish Society of Cardiology

INVITATION



Share new insights, improve your knowledge and make new friendships!





It is our great pleasure to invite you to the Heart Failure Congress 2013, which will be held in Lisbon, Portugal from 25 to 28 May 2013.

Organised by the Heart Failure Association of the European Society of Cardiology (HFA of the ESC), the Heart Failure Congress is a unique forum where cardiologists, interventional heart failure specialists, cardiac surgeons, internists, practicing general physicians, basic scientists, epidemiologists, cardiac nurses, industry affiliates and others have the opportunity to meet and exchange ideas and information.

Heart Failure 2013 is an international event open to anyone interested in any aspect of heart failure from epidemiology, through basic and translational science to prevention (reviewing the treatment of hypertension and diabetes), diagnosis (including novel imaging modalities and biomarkers), monitoring (together with remote monitoring), prognostication (risk stratification as well as use of biomarkers), medical and nursing management (including drugs, devices, tele-care and surgery). All of the clinical aspects are reinforced in the HFA Focus - case based sessions. The programme will also include **updates on the latest clinical trials**, reviews of the **best published papers** and a summary of the most important heart failure presentations at the major international cardiology conferences, as well as **joint sessions** held with other international societies. There will also be presentations of new clinically relevant areas, such as diastolic heart failure. **A specific track** will discuss the role of the heart failure specialist of tomorrow looking into interventional cardiology, electrophysiology and cardiac surgery. Additionally, several European Associations and Heart Failure National Societies will offer their contribution to highlight different perspectives of clinical management.

We invite you to use this unique opportunity to present your original research and exchange your experiences in all related heart failure topics. The record number of more than 1 500 abstracts have been submitted, and we will open soon the possibility for submitting late breaking basic and clinical research abstracts. The top ranking abstracts will be presented orally and a large area will be dedicated to poster presentations, the perfect platform to meet peers and colleagues. As in previous years, travel grants will be available to a number of top ranking abstract presenters.

Lively, international Lisbon is the ideal venue for a Congress with our profile and scope. The city's wealth of historical, cultural and social attractions will undoubtedly be the perfect addition to complete your congress experience! Hotel and restaurant prices are very reasonable, and the weather at the end of May should be perfect.

We hope to see you at Heart Failure 2013 in Lisbon. Please make your plans early as this promises to be a congress to remember!

S.D. Anker FESC (Berlin, DE)
President HFA of the ESC
(2012 - 2014)

B. Pieske FESC (Graz, AT)
Scientific Chairperson

J. Silva-Cardoso (Porto, PT)
Local Host & President-Elect
Portuguese Society of Cardiology

D.A. Brito FESC (Lisbon, PT)
Local Host

GENERAL INFORMATION

0

Why should I participate?

- More than 4 000 Heart Failure specialists
- More than 1 500 abstracts will be presented
- Over 100 scientific sessions designed by the scientific committee
- A comprehensive programme with global experts
- A variety of novel industry sponsored sessions
- Latest products & innovations discussed in the commercial exhibition

How to get to Lisbon

Direct flights from major European and surrounding cities:

Amsterdam
Athens
Barcelona
Berlin
Brussels
Casablanca
Copenhagen
Dublin
Frankfurt
Geneva
Istanbul
London
Madrid
Milan
Munich
Nice
Oslo
Paris
Rome
Stockholm
Vienna
Warsaw
Zurich



The Lisboa Congress Centre is located in the heart of Lisbon, in an area easily accessible by bus, tram and taxi and about **15 minutes from the airport**.

Save up to 20% on travel with the Star Alliance™ network*

STAR ALLIANCE
THE AIRLINE NETWORK FOR EARTH

The Star Alliance™ members are pleased to be appointed as the official airline network for HEART FAILURE 2013.
To obtain the Star Alliance™ Conventions Plus discount and for booking office information please visit www.staralliance.com/conventionsplus and

1. Choose "For delegates"
2. Under "Delegates login" enter convention code **OS06A42**
3. Choose one of the participating airlines listed
4. Call the respective reservation contact listed and quote the conventions code OS06A42 when booking the ticket

*Discounts are offered on most published business and economy class fares, excluding website/internet fares, senior and youth fares, group fares and Round the World fares. When making your travel plans please present confirmation of your registration or proof of attendance. Please visit: www.staralliance.com/conventionplus

Annual Meeting of Heart Failure Association of the ESC

ESC Specialty Centre
2035 Route des Colles - Les Templiers
06903 Sophia Antipolis
France

Tel.: +33 (0)4 92 94 76 00
Fax: +33 (0)4 92 94 76 01
Email: HFA@escardio.org
Website: www.escardio.org/HFA

Venue



CENTRO DE CONGRESSOS DE LISBOA
Praça das Indústrias
1300-307 Lisboa,
Portugal

Tel: +(351) 213601400
Website: www.lisboacc.pt

Language

The official language of the Congress is English. All lectures and presentations will be held in English. No translation will be provided.

#hf2013 | European Society of Cardiology | escardiodotorg



Register online on www.escardio.org/HFA

The standard registration fee entitles delegates to the following:

- Entry to all scientific sessions and the Exhibition
- Entry to the Opening Ceremony and Cocktail on Saturday 25 May
- The Final Programme and the Abstract CD-Rom
- Refreshment breaks (from Sunday morning to Tuesday morning)
- 1 year subscription to the European Journal of Heart Failure (valid for 2014 in online version) included in the following fees: standard, nurse and student

Registration fees incl. 23% VAT	Until 21 March 2013	From 22 March to 18 April 2013	From 19 April to 15 May 2013
Standard	€615	€740	€860
Nurse / Student*	€190	€250	€310
Day Ticket	€330	€330	€330

*Applications must be accompanied by a letter from the applicant's Head of Department confirming nurse or student status

Heart Failure Registration:
Tel.: +33 (0)4 92 94 76 12 - Fax: +33 (0)4 92 94 76 10 - Email: HFregistration@escardio.org

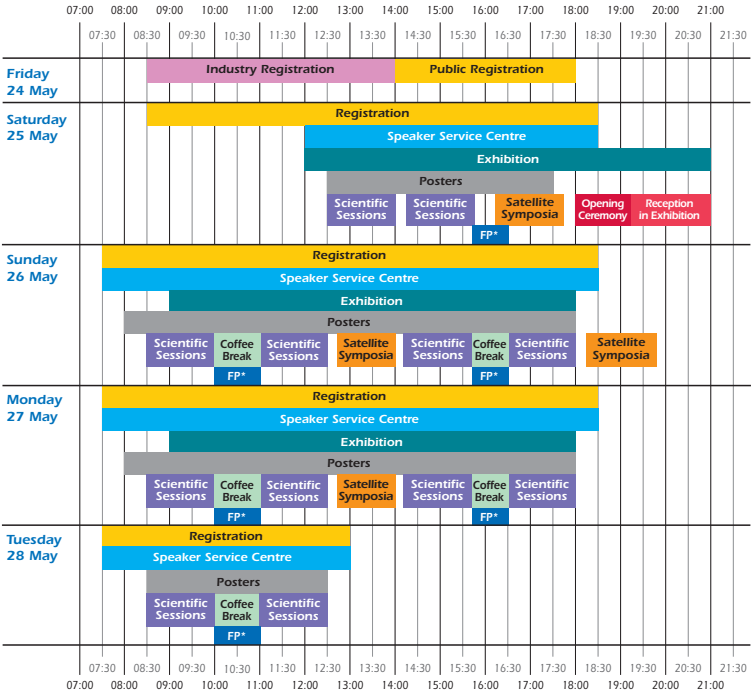
Book your hotel online on www.escardio.org/HFA

The ESC has appointed AIM International as its official Housing Bureau for hotel reservations. AIM International has negotiated discounted rates in selected hotels in Lisbon City Centre.

Rooms will be allocated on a first come - first served basis.

AIM international:
Tel.: +351 213 245 055 - Fax: +351 213 245 051 - Email: Housing-heartfailure2013@aim.eu

Congress Timetable

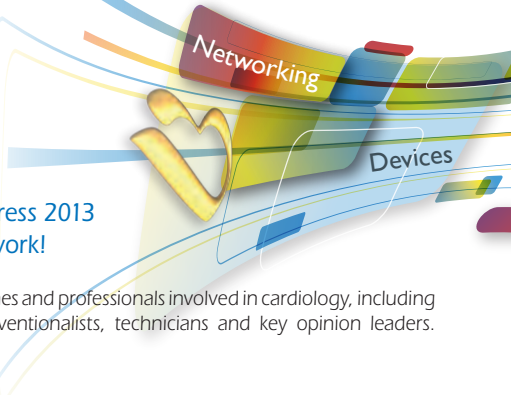


*Featured posters, more information p.11

	LISBOA	EVORA	COIMBRA
Saturday 25 May			
12:30 14:00		2012 & 2013 Best of the European Journal of Heart Failure and European Heart Journal in Heart Failure	Gender, pregnancy and heart failure
14:15 15:45		Ventricular arrhythmias and sudden death in heart failure: modern therapy	Novel diagnostic approaches for HFPEF
16:15 - 17:45			Satellite
18:00 - 19:15			**Opening ceremony followed by**
Sunday 26 May			
08:30 10:00	More on new devices for heart failure	Biomarkers: state-of-art and the future	From Circulatory Support to Transplantation
			Coffee Break - Exhibition
11:00 12:30	Late Breaking trials 1	Atrial fibrillation in heart failure – News in 2013	How to manage arrhythmias in heart failure.
12:45 - 14:00			Satellite
14:15 15:45	Valvular interventions in the heart failure patient	New therapies in acute heart failure	The heart failure patient with Coronary Artery Disease
			Coffee Break - Exhibition
16:30 18:00	What is controversial in the HFA/ESC 2012 Heart Failure Guidelines?	Anticoagulation and antithrombotic therapy in heart failure.	How to treat HFPEF in 2013 – Practical considerations
18:15 - 19:45			Satellite
Monday 27 May			
08:30 10:00	Device therapy in HF news & innovations	The Heart & Cancer	Renal denervation – From heart failure prevention to heart failure therapy?
			Coffee Break - Exhibition
11:00 12:30	Late Breaking trials 2	Imaging in heart failure – Update 2013	Cardiac inotropes and beyond: update 2013
12:45 - 14:00			Satellite
14:15 15:45	HFPEF – Update 2013	New chronic heart failure medications at the horizon	How to manage valvular disease in heart failure
			Coffee Break - Exhibition
16:30 18:00	Meet the trialist – Acute heart failure in 2013		Controversies in the management of heart failure
Tuesday 28 May			
08:30 10:00		U-shape relationship in heart failure	What a busy clinician needs to know about hypertension
			Coffee Break - Exhibition
11:00 12:30		Highlight session	Workshop on treatment development for muscle wasting and cachexia in CHF Session 2 – Trial design, regulatory issues & endpoints

FARO	GUARDA	GUIMARAES
How to improve heart failure care and investigation in Portugal.		
Imaging in heart failure – Update 2013	From pharmacological management to destination therapy	
Symposia		16:15 - 17:45
a cocktail in the exhibition area		
Diagnosis of heart failure and co-morbidities	Young Investigator Award CLINICAL	Epigenetics of heart failure
Posters Session - Moderated Posters		
Pulmonary hypertension in heart failure	Novel biomarkers in heart failure	The matrix modulates cardiac cell fate in heart failure
Symposia		12:45 - 14:00
Cardiac rehabilitation and exercise training in heart failure.	Telemonitoring in heart failure: what is needed to make this ready for routine use?	Novel concepts for myocardial regeneration
Posters Session - Moderated Posters		
Pharmacological treatment and referral to cardiology.	Nursing Investigator Award	Young Investigator Award BASIC SCIENCE
Symposia		18:15 - 19:45
Management of comorbidities in HF	RAPID FIRE ABSTRACTS	Gene Therapy for HF - Ready for clinic
Posters Session - Moderated Posters		
Management of acute heart failure: 2013 update and perspectives	What's new in Industry	Oxidative stress in heart failure: mechanisms and treatment
Symposia		12:45 - 14:00
Update on myocarditis & pericarditis	Failing hearts and failing brains	Amplifier and economizer in cardiac beta-adrenergic signaling
Posters Session - Moderated Posters		
Heart failure in cardiomyopathies	What you should know about exercise training?	RAPID FIRE ABSTRACTS
HFA/ESC cardiologists of Tomorrow Session: The heart failure specialist of tomorrow	Update on optimised pharmacological management in heart failure with reduced ejection fraction	RAPID FIRE ABSTRACTS
Posters Session - Moderated Posters		
Non-pharmacological management of HFREF	Should I take my medicine?	Highlight Basic & Translational Science

SCIENTIFIC PROGRAMME



Presenting your work at Heart Failure Congress 2013 is a unique & unlimited opportunity to network!

The Heart Failure Congress brings together all the disciplines and professionals involved in cardiology, including doctors, basic scientists, epidemiologists, nurses, interventionalists, technicians and key opinion leaders.

Main topics

This year's spotlight is "**The heart failure specialist of tomorrow - from diagnosis to intervention**" Heart failure diagnosis and therapy is at the core of a number of (sub)disciplines including imaging, invasive cardiology, electrophysiology, and cardiac surgery. In addition, heart failure specialists have to deal with co-morbidities such as renal and pulmonary disease, diabetes, anaemia and depression, to name a few.

What are the requirements for the Heart Failure specialist of tomorrow? Which skills do we need to acquire?

Explore and discuss the essentials of imaging modalities, electrophysiology, valvular and coronary interventions, device therapies that may form the basis for a future interventional Heart Failure specialist.
We will review and discuss current Guidelines from different disciplines that address heart failure and will provide a comprehensive update on new heart failure entities, emerging diagnostic techniques, and therapeutic options.

The new HFA/ESC Recommendations for the Diagnosis of Diastolic Heart Failure will be presented.

Share and translate new knowledge into optimised heart failure management.

Types & tracks

- HFA Focus - case based sessions
- Heart Failure with Preserved Ejection Fraction
- Interventions, Devices and Telemonitoring
- Imaging and Biomarkers
- New and emerging Therapies
- Current evidence based management
- Advanced heart failure management – VAD – Transplant
- Update on valvular disease for the HF specialist
- Basic and Translational Research

Awards

Young Investigators Award (YIA) Sessions - Basic Science and Clinical

A competition designed for abstract submitters / presenters 35 years old or under. Finalists will present their research in oral YIA sessions moderated by two chairpersons and a panel of experts to judge the presentations and determine a First Prize Winner (€ 1 000) and two Runners-Up (€ 250).
YIA abstract presenters will benefit from free registration to the congress.

Nursing Investigator Award (NIA) Session

Submitting the abstract under NIA will automatically entitle you to take part in the Nursing award competition. Selected finalists will present their findings in oral sessions moderated by two chairpersons and a panel of expert judges who will determine a First Prize Winner (€ 1 000) and two Runners-Up (€ 250).
NIA abstract presenters will benefit from free registration to the congress. There is no age limit.

More information about awards on www.escardio.org/HFA

SCIENTIFIC PROGRAMME

Networking opportunities

Hospitals, institutions and companies from around the world are represented in ever-larger numbers. Connect with your fellow attendees to build your own professional network.
Meet, discuss and share with experts from the entire international community in all cardiovascular fields.

Because science, research and great trials are always in the making

Late Breaking Trials
Late Breaking research "Basic Science" & "Clinical Research"
Clinical trial Forum (Posters with update on ongoing Clinical Trials)
DEADLINE 15 APRIL 2013 - More information on www.escardio.org/HFA

Be part of your Congress, participate actively in the Scientific Programme!

Abstract-based Sessions

Oral Abstract Sessions - Basic Science and Clinical
Flash presentations on the research highlights: Aim / Methods / Results, followed by discussions animated by two experts chairing the session.

Moderated Poster sessions: Featured Poster sessions

The content of abstracts considered to be of special interest will be displayed in the form of a poster in a dedicated Moderated Poster Area. Presenters will briefly discuss key points of their research with two moderators in front of an appreciative audience during official coffee breaks. Posters are available for consultation throughout the poster session

NEW Posters: Poster sessions with Moderators

These sessions provide a visual display of research highlights. This format allows for a maximum viewing time of the research and peer to peer interaction. A very popular platform where our community truly comes together to meet and exchange knowledge. To maximise visibility 3 poster sessions will cover 2 days each!

Clinical cases

A session dedicated to presentations of clinical cases. Submit your case under this category for an opportunity to share your experience and interact with your colleagues and peers.

Hands-on tutorials

Industry supported tutorials will provide participants with an opportunity for hands-on, one-on-one learning from leading experts in specific areas of expertise.
These sessions will run between 08:30 to 18:00 from Sunday through Monday and will be limited to 30 participants maximum per session.

EBAC

The Heart Failure Congress 2013 is accredited of **18 External CME credits** by the European Board for Accreditation in Cardiology (EBAC). These credits can be transfered into North American AMA credits on the American Medical Association (AMA).

EBAC works according to to the quality standards of the European Accreditation Council for Continuing Education (EACCME), which is an institution of the European Union of Medical Specialists (UEMS). Continuing Medical Education (CME) is a programme of educational activities to guarantee the maintenance and upgrading of knowledge, skills and competence following completion of postgraduate training.
CME is an ethical and moral obligation for each doctors throughout his/her professional career, in order to maintain the highest possible professional standards.

SPECIAL SESSIONS - NOT TO BE MISSED!

Saturday 25 May 2013 — 12:30 - 14:00
2012 & 2013 Best of the European Journal of Heart Failure and European Heart Journal in Heart Failure — Room Evora
Opening Ceremony – followed by a cocktail in the exhibition area

Sunday 26 May 2013 — 14:15 - 15:45
The heart failure patient with Coronary Artery Disease — Room Coimbra
- Multi-vessel disease and negative viability testing.
- Chronic Total Occlusion with depressed ejection fraction.
- The NYHA III patient with ischaemic mitral regurgitation.
- Discussions.

Tuesday 28 May 2013 — 11:00 - 12:30
Workshop on treatment development for muscle wasting and cachexia in CHF
Session 2 – Trial design, regulatory issues & endpoints — Room Coimbra

Abstract sessions

Sunday 26 May 2013 — 08:30 - 10:00
YOUNG INVESTIGATOR AWARD - CLINICAL — Room Guarda

Sunday 26 May 2013 — 16:30 - 18:00
YOUNG INVESTIGATOR AWARD - BASIC SCIENCE — Room Guimaraes

Monday 27 May 2013 — 08:30 - 10:00
Rapid Fire Session 1 — Room Guarda

Monday 27 May 2013 — 16:30 - 18:00
Rapid Fire Session 2 — Room Guimaraes

Tuesday 28 May 2013 — 08:30 - 10:00
Rapid Fire Session 3 — Room Guimaraes

Tuesday 28 May 2013 — 11:00 - 12:30
Highlight session — Room Evora

Tuesday 28 May 2013 — 11:00 - 12:30
Highlight Basic & Translational Science — Room Guimaraes

Latest updates

Sunday 26 May 2013 — 11:00 - 12:30
Late Breaking Trials 1 — Room Lisboa

Monday 27 May 2013 — 11:00 - 12:30
Late Breaking Trials 2 — Room Lisboa

Monday 27 May 2013 — 11:00 - 12:30
What's new in Industry? — Room Guarda

ACUTE HEART FAILURE

Sunday 26 May 2013 — 14:15 - 15:45
New therapies in acute heart failure — Room Evora
- Renin inhibitors.
- Relaxin.
- Omecaptiv.
- Ularitide.
- Clevidipine.
- Panel discussion.

Monday 27 May 2013 — 11:00 - 12:30
Cardiac inotropes and beyond: update 2013 — Room Coimbra
- Dobutamine and other catecholamines.
- Levosimendan: an update.
- PDE-3 Inhibition.
- Digoxin.
- New compounds: omecamtiv mercabil and others.
- Clinical perspective: how should inotropes be used today?
- Panel Discussion.

Monday 27 May 2013 — 16:30 - 18:00
Meet the trialist: Acute heart failure in 2013 — Room Lisboa

- The problem of acute heart failure – from epidemiology to endpoints.
- The RELAX results on relaxin: how to explain the surprising mortality effect?
- The TRUE acute heart failure programme with ularitide: lessons learned from RELAX for its rationale and design.
- What now for omecamtiv?
- The importance of speed and avoidance of hypotension in treating acute heart failure – lessons from ASCEND-HF.
- Panel discussion.

ADVANCED HEART FAILURE MANAGEMENT - VAD AND TRANSPLANT

Saturday 25 May 2013 — 14:15 - 15:45
From pharmacological management to destination therapy — Room Guarda

- Inotropic support: intermittent, continous, long-term?
- Short-term circulatory support – IABP and beyond.
- Percutaneously implantable assist devices.
- Long-term support: from bridging to destination therapy.
- When to wean, when to transplant?

Sunday 26 May 2013 — 08:30 - 10:00
From circulatory support to transplantation — Room Coimbra
Joint session with the Spanish Society of Cardiology



- Indications and contraindications for transplantation.
- VADs as bridge to transplant: how to select the patient and the device?
- Management of pre-transplant pulmonary hypertension.
- Immunosupression and immunological monitoring after transplant.
- Current standards for a VAD and transplant programme.

ARRHYTHMIAS

Saturday 25 May 2013 — 14:15 - 15:45
Ventricular arrhythmias and sudden death in heart failure: modern therapy — Room Evora
Joint session with China



- Currents, waves and spirals: pathophysiology of ventricular arrhythmias and pharmacological management.
- Risk stratification: from ectopic beats to ventricular fibrillation.
- Pharmacological management of ventricular arrhythmias.
- Ablation of VTs: when, which patients, epicadial? The trial data.
- Ablation of VTs : The Chinese experience.
- Pacing and ICD: options for all patients?

Sunday 26 May 2013 — 11:00 - 12:30
Atrial fibrillation in heart failure – News in 2013 — Room Evora

- Epidemiology and risk prediction for incident atrial fibrillation in heart failure.
- Pharmacological management of atrial fibrillation in heart failure.
- Cardioversion of atrial fibrillation in heart failure: when and how?
- Ablation for the management of atrial fibrillation in the heart failure patient.
- How to anticoagulate?

Sunday 26 May 2013 — 16:30 - 18:00
Anticoagulation and antithrombotic therapy in heart failure — Room Evora

- Anticoagulation for atrial fibrillation in heart failure: which drug, when, how long?
- Anticoagulation for heart failure in sinus rhythm: trial results and recommendations.
- New antithrombotic agents.
- New antithrombotic agents.
- Triple therapy: when is it necessary, and how to weigh the risk vs benefit.
- Anticoagulation and antiplatelet therapy management in special situations.
- Panel discussion.

BASIC SCIENCE – TRANSLATIONAL

Sunday 26 May 2013 — 08:30 - 10:00
Epigenetics of heart failure — Room Guimaraes

- Genome-wide epigenomics of the failing heart.
- Histone modifications in heart failure.
- Promoter methylation in cardiac fibrosis.
- Inherited epigenetics and cardiovascular risk.
- Epigenetics as therapeutic targets.

Sunday 26 May 2013 — 11:00 - 12:30

The matrix modulates cardiac cell fate in heart failure — Room Guimaraes

- Osteonectin and osteoglycin modulate cardiac inflammation and fibrosis in heart failure.
- Syndecans are essential in myocyte hypertrophy and interstitial fibrosis.
- MicroRNA regulation of matrix proteins.
- Thrombospondins regulating myocyte survival and function in heart failure.
- Omics-guided discovery of novel matrix proteins involved in heart failure.

Sunday 26 May 2013 — 14:15 - 15:45

Novel concepts for myocardial regeneration — Room Guimaraes

Joint session with the ESC Working Group on Myocardial Function

- siRNA-induced adult cardiomyocyte regeneration.
- Notch signaling and novel non-coding RNAs in cardiac regeneration.
- Circadian rhythms in cardiac regeneration.
- Stem cell reprogramming of adult cardiomyocytes: cell fusion and mitochondria transfer.
- Cardiac tissue engineering.

Monday 27 May 2013 — 08:30 - 10:00

Gene therapy for heart failure: ready for the clinic? — Room Guimaraes

- Adeno-associated viruses: why are they cardiotropic?
- Corrective gene therapy for monogenic myopathies.
- Gene therapy for acquired heart failure: options and progress in translation.
- Barriers to translation: how to deliver a clinical gene therapy trial.
- Antiarrhythmic positive inotropic gene therapy: a new paradigm for heart failure therapeutics.

Monday 27 May 2013 — 11:00 - 12:30

Oxidative stress in heart failure: mechanisms and treatment — Room Guimaraes

- Mechanisms of mitochondrial ROS production in heart failure.
- Redox-regulation of cell death in heart failure.
- Oxidative myocardial protein alterations.
- Reperfusion injury: targeting ischaemic causes of heart failure.
- Mitochondrial DNA escaping autophagy can cause inflammation and heart failure.

Monday 27 May 2013 — 14:15 - 15:45

Amplifier and economiser in cardiac beta-adrenergic signaling — Room Guimaraes

- PDEs and signal termination upstream of PKA.
- Phosphatases and signal termination downstream of PKA.
- Oxidative activation of PKA and PKG.
- cAMP-responsive triggering of PKA by anchoring proteins.
- Antithetic regulation of histone deacetylases by PKA and CaMKII.

CURRENT EVIDENCE – BASED MANAGEMENT

Saturday 25 May 2013 — 12:30 - 14:00

Gender, pregnancy and heart failure — Room Coimbra

- Heart failure in women vs men: epidemiological differences and similarities.
- Pregnancy-associated heart failure: causes and therapy.
- Management of cardiovascular disease during pregnancy.
- Peripartum cardiomyopathy: definition and diagnosis.
- Peripartum cardiomyopathy: management.

Monday 27 May 2013 — 16:30 - 18:00

What you should know about exercise training — Room Guarda

- What does exercise training do in heart failure?
- Results from clinical trials.
- Gender impact on exercise training?
- Mode of exercise training: interval, high intensity, resistance?
- Exercise in heart failure with preserved ejection fraction.
- Alternatives: anabolics, currents, suction?

Tuesday 28 May 2013 — 08:30 - 10:00

U-shape relationship in heart failure? — Room Evora

- Blood pressure and heart rate: what is optimal and how to reach it?
- HbA1c: how to target therapy of Type II diabetes in heart failure.
- BMI: losing weight or gaining it?
- Sodium (Na) in the diet of FH patients: what advice in 2013?
- Cholesterol and LDI. Managing lipids in heart failure patients.
- Alcohol: a glass of red?

Tuesday 28 May 2013 — 08:30 - 10:00 — Room Guarda

Update on optimised pharmacological management in heart failure with reduced ejection fraction

- How to improve diuretic therapy?
- Combinations of RAAS, beta blockade and Ivabradine.
- How to deal with Class II recommendations.
- How to optimise medication for co-morbidities.
- Whom to include into a heart failure management programme and how?

Tuesday 28 May 2013 — 11:00 - 12:30 — Room Faro

Non-pharmacological management of HFREF

- Nutrition and PUFA: Which evidence?
- Salt restriction?
- Obesity management: from weight loss advice to gastric banding.
- Physical activity and exercise training.
- Telemedicine and heart failure management programmes.
- Recommendations from the ESC 2012 Heart Failure Guidelines.
- Panel discussion.

EDUCATION & GUIDELINES

Sunday 26 May 2013 — 11:00 - 12:30 — Room Coimbra

How to manage arrhythmias in heart failure

Joint session with the Spanish Society of Cardiology

FOCUS 

- HFREF and atrial fibrillation: rhythm control, rate control, ablation?
- Ventricular arrhythmia management in the ICD patient – which drugs, when to ablate?
- The heart failure patient with Bradyarrhythmia: tolerate, pace or synchronise?
- Discussions.

Sunday 26 May 2013 — 16:30 - 18:00 — Room Lisboa

What is controversial in the HFA/ESC 2012 Heart Failure Guidelines?

- Definition and diagnosis.
- Pharmacological management.
- Non-pharmacological management.
- Devices.
- Acute heart failure.
- The gaps in evidence.
- Panel discussion.

Monday 27 May 2013 — 14:15 - 15:45 — Room Coimbra

How to manage valvular disease in heart failure

FOCUS

- Aortic stenosis and heart failure: diagnosis and management.
- Advanced heart failure and functional mitral regurgitation.
- Tricuspid valve insufficiency, pulmonary hypertension and right ventricular failure.
- Discussions.

Monday 27 May 2013 — 16:30 - 18:00 — Room Coimbra

Controversies in the management of heart failure

FOCUS

- Chronic heart failure with refractory low-output.
- Congestive heart failure with diuretic resistance.
- Heart failure with preserved ejection fraction and pulmonary hypertension.
- Discussions.

Tuesday 28 May 2013 — 08:30 - 10:00 — Room Faro

HFA/ESC Cardiologists of Tomorrow Session: the heart failure specialist of tomorrow

- Mentoring and training in heart failure specialisation.
- Heart failure as a subspecialty in the United States.
- How could it work in Europe? The HFA heart specialist curriculum.
- Interventions and technologies for the new heart failure specialist.
- Cardiologists of Tomorrow – What do we expect from specialised Heart Failure training?
- Panel Discussion.

ETIOLOGY PHENOTYPES AND CO-MORBIDITIES

Sunday 26 May 2013 — 11:00 - 12:30
Pulmonary hypertension in heart failure — Room Faro

- Pathophysiology of pulmonary hypertension in heart failure.
- Epidemiology and diagnosis of pulmonary hypertension.
- Current management strategies.
- Novel therapies: the concept of PDE5 inhibition.
- Current trials on PDE5 inhibition: RELAX, PITCH and SilHF.

Monday 27 May 2013 — 08:30 - 10:00
The heart and cancer
Joint session with the Heart Failure Society of America (HFSA) and the American Society of Clinical Oncology (ASCO) — Room Evora

- Cancer and heart disease – how big is the problem?
- Treating cancer but harming the heart: experience from completed and ongoing trials.
- Mechanistic insights into anthracycline cardiotoxicity and pharmacological cardioprotection.
- Treating cardiotoxicity: From clinical experience in oncology to guidelines.
- Setting the standards for cardiology related end-points in cancer trials.
- Cardiac drugs and devices for cancer patients: Myth or reality?

Monday 27 May 2013 — 08:30 - 10:00
Management of co-morbidities in heart failure — Room Faro
Joint session with the Brazilian Society of Cardiology



- Pulmonary disease: differential diagnosis and therapy.
- The cardio-renal syndrome.
- Liver dysfunction in heart failure.
- How to optimise diabetes management in heart failure?
- Obesity management in the heart failure patient: walk or cut?

Monday 27 May 2013 — 14:15 - 15:45
Update on myocarditis and pericarditis — Room Faro

- Pathophysiology: virus, inflammation, rare causes.
- Diagnosis: imaging and endomyocardial biopsy.
- Management anitinflammatory, antiviral, emergency therapies.
- Perimyocarditis: how to deal with it?
- (Recurrent) Pericarditis: workup and therapy!

Monday 27 May 2013 — 14:15 - 15:45
Failing hearts and failing brains — Room Guarda

- Pathophysiology: the heart-brain connexion.
- Epidemiological considerations: heart failure vs. stroke.
- Heart failure and stroke: adding insult to injury.
- Cardiac hormones: impact on brain function?
- Heart failure and depression: room for anti-depressive therapy?
- How does heart failure therapy impact on cognitive function?

Monday 27 May 2013 — 14:15 - 15:45
New chronic heart failure medications at the horizon — Room Evora

- New MR antagonists.
- Neprilysin inhibition.
- Adenosine partial agonist.
- PDE 5-Inhibition.
- Soluble guanylatecyclase inhibitors.
- Ranolazine.
- Panel discussion.

Monday 27 May 2013 — 16:30 - 18:00
Heart failure in cardiomyopathies — Room Faro

- Specific heart muscle diseases: amyloid, sarcoid and Fabry heart disease.
- Left ventricular noncompaction.
- Arrhythmogenic right ventricular cardiomyopathy.
- Hypertrophic cardiomyopathy: diagnostic workup and risk stratification.
- Dilated cardiomyopathy: a practical approach towards diagnosis and therapy.

Tuesday 28 May 2013 — 08:30 - 10:00

What a busy clinician needs to know about hypertension

Room Coimbra

Joint session with Japan



- Mechanisms of how hypertension causes heart failure.
- Hypertension: diagnostic procedures and pitfalls.
- ACE-inhibitors vs ARBs in the first line therapy: is this still a question?
- Multi-drug therapy of hypertension: state-of-the-art 2013.
- Emerging pharmacological and non-pharmacological therapies.

HEART FAILURE WITH PRESERVED EJECTION FRACTION

Saturday 25 May 2013 — 14:15 - 15:45

Novel diagnostic approaches for HFPEF

Room Coimbra

- Biomarkers: BNP and beyond.
- New echocardiographic imaging modalities.
- Hemodynamics and the diastolic stress test.
- Cardiac MRI and PET
- What about genetics and metabolomics?
- Integrating new approaches into a revised consensus recommendation.

Sunday 26 May 2013 — 16:30 - 18:00

How to treat HFPEF in 2013: practical considerations

Room Coimbra

Joint session with the ASIAN-HF network and ASEAN Federation of Cardiology



- The general approach: are there ethnic differences?
- Pharmacotherapy: is there any role for ACE-inhibitors, ARBs and Beta-Blockers?
- Specific therapies for specific conditions.
- Is there a role for device therapy?
- Management of major comorbidities.
- Yes, we can! The case for individualised therapy.

Monday 27 May 2013 — 14:15 - 15:45

HFPEF – Update 2013

Room Lisboa

- Pathophysiology.
- Epidemiology.
- Diagnosis.
- Emerging therapies
- Controversial issues.

IMAGING AND BIOMARKERS

Sunday 26 May 2013 — 08:30 - 10:00

Biomarkers: state-of-art and the future

Room Evora

- Biomarker-guided therapy: evidence and ongoing trials.
- GDF-15 and other inflammatory markers.
- Novel Biomarkers in HFPEF: diagnosis and prognosis.
- Update on natriuretic peptides: use and limits.
- Biomarkers as surrogates in heart failure trials.

Sunday 26 May 2013 — 11:00 - 12:30

Novel biomarkers in heart failure: targets for therapy?

Room Guarda

- High sensitivity troponins.
- Inflammatory mediators and ST2.
- Cardiorenal markers for heart failure (NGAL, cystatin, NAG).
- Adrenomedulin.
- Galectin-3.
- Multi-marker strategies.
- Panel discussion.

Monday 27 May 2013 — 11:00 - 12:30

Imaging in heart failure: update 2013

Room Evora

- Standpoint: What should we expect from imaging?
- Assessing systolic and diastolic function.
- Quantification of volumes and muscle mass.
- Noninvasive assessment of hemodynamics.
- Imaging the microvasculature in heart failure.
- Imaging the right ventricle.
- Wrap up: Echo, CT, MRI and PET, how to match technology with clinics.

INTERVENTIONS, DEVICES AND TELEMONITORING

Sunday 26 May 2013 — 08:30 - 10:00
More on new devices for heart failure — Room Lisboa

- Update on CRT and ICD therapy for heart failure in 2013.
- Improving on CRT using cardiac contractility modulation? A 10-year retrospective and look to the future
- Pressure monitoring devices: will they help reduce hospitalisations?
- Algysil injection to enhance cardiac contractility physics.
- Springs, splints, nets and more contractility enhancers – what will survive to 2020?
- Devices for HFpEF?!
- Panel Discussion.

Sunday 26 May 2013 — 14:15 - 15:45
Valvular interventions in the heart failure patient — Room Lisboa

- Catheter-based valvular interventions 2013: state-of-the-art.
- TAVI in patients with reduced ejection fraction: benefits and risks.
- Edge-to-edge mitral repair in secondary mitral regurgitation: key in heart failure?
- Alternative catheter-based interventions for the heart failure patient with valve disease.
- Valvular surgery in heart failure: when and for whom?
- Panel discussion.

Monday 27 May 2013 — 08:30 - 10:00
Device therapy in heart failure: news and innovations — Room Lisboa

- Cardiac resynchronisation therapy: are indications changing?
- Optimisation strategies for CRT nonresponders.
- Vagus nerve stimulation: ready for prime time?
- Baroreceptor stimulation: current status.
- Interatrial shunting in HFPEF.
- Technological developments at the horizon.
- Panel Discussion.

Monday 27 May 2013 — 08:30 - 10:00
Renal denervation: from heart failure prevention to heart failure therapy? — Room Coimbra

- Current standards and news in antihypertensive therapy.
- The concept of renal denervation.
- Current status of renal denervation in hypertension.
- Patient selection for renal denervation.
- Renal denervation and heart failure: what is the evidence?

LOCAL SESSIONS (IN ENGLISH)

Saturday 25 May 2013 — 12:30 - 14:00
How to improve heart failure care and investigation in Portugal — Room Faro
Joint session with the Portuguese Society of Cardiology



- Portuguese registries on chronic heart failure and on acute heart failure.
- Creating a heart failure clinic network.
- Myocarditis, hypertrophic cardiomyopathy and Taku-Tsubo cardiomyopathy registries.
- Familial dilated cardiomyopathy registry (FATIMA).
- Developing a network on heart failure clinical investigation.
- Panel discussions.

Saturday 25 May 2013 — 14:15 - 15:45
Imaging in heart failure – update 2013 — Room Faro
Joint session with the Portuguese Society of Cardiology and the Brazilian Society of Cardiology



- Echocardiography: new modalities.
- Assessing valvular anatomy and function.
- Cardiac CT.
- Cardiac MRI: the future gold standard?
- PET scanning.

Sunday 26 May 2013 — 08:30 - 10:00
Diagnosis of heart failure and co-morbidities — Room Faro

FOCUS

- Clinical case 1: diagnosis of heart failure.
- Clinical case 2: heart failure co-morbidities.
- Panel discussions.

Sunday 26 May 2013 — 14:15 - 15:45 — Room Faro

Cardiac rehabilitation and exercise training in heart failure
Joint session with the Portuguese Society of Cardiology

- When.
- How.
- Assessment: cardiopulmonary exercise test.
- Results from randomised trials.
- Overcoming the barriers for the application of exercise training recommendations.

Sunday 26 May 2013 — 16:30 - 18:00 — Room Faro

Pharmacological treatment and referral to cardiology
Joint session with the Portuguese Society of Cardiology

- Clinical case 1: pharmacological treatment of heart failure.
- Clinical case 2: referral of heart failure patients to cardiology.
- Panel discussions.

Monday 27 May 2013 — 11:00 - 12:30 — Room Faro

Management of acute heart failure: 2013 update and perspectives
Joint session with the Portuguese Society of Cardiology,
the Brazilian Society of Cardiology and the Spanish Society of Cardiology

- Setting the stage: review of the ESC Acute Heart Failure guidelines.
- Using diuretics: all the same? All different?
- Which vasodilator and when?
- How to choose the right inotrope.
- When to use a balloon pump or an assist device?

PATIENT CARE

Sunday 26 May 2013 — 14:15 - 15:45 — Room Guarda

Telemonitoring in heart failure: what is needed to make this ready for routine use?

- The case for remote patient monitoring.
- Telemonitoring: the view of the professional.
- Telemonitoring: impact on quality of life?
- Activity monitoring.
- Biomarker Telemonitoring: the next step?
- How will it work in the future?

Sunday 26 May 2013 — 16:30 - 18:00 — Room Guarda

NURSING INVESTIGATOR AWARD

Tuesday 28 May 2013 — 11:00 - 12:30 — Room Guarda

Should I take my medicine?

- Beta-blockers: fatigue; sexual dysfunction; nightmares?
- Non-steroidal anti-inflammatory agents.
- Statin therapy in heart failure: risks versus benefits?
- Statin therapy in heart failure: risks versus benefits?
- Medication perception and adherence.
- Devices and telemedical interventions to improve adherence.



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