Heart Failure 2017

and 4th World Congress on Acute Heart Failure

Advance Programme

Paris, France

29 April - 2 May

Heart Failure: rendez-vous with the future

www.escardio.org/HFA

#heartfailure2017
Heart Failure is the world’s leading congress for experts in cardiology to discuss strategies for a universal approach towards the prevention and treatment of heart failure. With the invaluable contribution of experts from around the world, the scientific programme will bring you the latest updates from the field in a variety of Symposia, Debates, Meet the Experts, How-To sessions, Clinical Interactive sessions and outstanding Late-Breaking sessions. Enhance your knowledge with clear take-home messages for direct implementation into your daily practice. Take your “rendez-vous with the future” of heart failure!

Join

6 000+ Healthcare professionals from 100+ countries
250+ Faculty
108 Scientific programme sessions
21 Hours of CME credits in 2016
2 000+ Abstracts submitted
70 Late Breaking Trials submitted
2 000m²+ Exhibition,
47 Industry sessions & workshops

UNIQUE OPPORTUNITY TO LEARN, EXCHANGE AND NETWORK!

The ‘must-attend’ event for

• Anaesthesiologists • Basic scientists • Cardiac nurses • Cardiac physiologists • Cardiac technicians • Cardiologists • Emergency room physicians • Epidemiologists • General physicians • Industry affiliates • Intensivists • Internists • Medical students • Physicians-in-training...
Standard Nurse

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<tr>
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SPECIAL RATES
- €190 PhD students
- €120 Abstract presenters in basic science & nursing

EXCLUSIVE OFFERS FOR LOCAL PROFESSIONALS
- FREE REGISTRATION for ungraduate medical students and presenters of accepted abstracts from France under 35
- REDUCED REGISTRATION for local residents (€200) and local nurses (€120)

Consult the Programme

Scientific Programme & Planner
Consult the programme and search for sessions by day, type, or keywords!
Available on www.escardio.org/heartfailure

Heart Failure 2017 Mobile App
Prepare your congress now:
- View the most updated scientific programme
- Search for sessions, speakers and topics
- Create your personal programme

During the congress
- Receive live notifications
- Ask questions to the chairpersons in all of the sessions
- Vote during the Mobile App interactive sessions

Search for ‘Heart Failure 2017’ in App Store® or Google Play

Heart Failure 2017 Mobile App is supported by SERVIER in the form of an unrestricted educational grant.
Programme Highlights

World Congress on Acute Heart Failure
A dedicated event on acute heart failure, designed for all healthcare professionals who care for and study patients suffering from acute heart failure; this is the place to be for emergency physicians and cardiologists to exchange ideas and experience.

A complete programme on Saturday
• Symposia, educational sessions, Late Breaking Trial presentations...
• Guidelines into Practice sessions: focus on Acute Heart Failure
• Abstract-based sessions including oral presentation & posters
• Industry sessions & workshops

The track continues in the Heart Failure congress programme

Guidelines into Practice
Following the release of the 2016 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure, this track will focus on how to implement the Guidelines into routine management of cardiovascular patients. Based on real clinical cases, these sessions will provide you with the tools to improve your daily practice.

Local Track
Sessions in French and English with French and international experts, dedicated to a local audience of cardiologists, heart failure specialists, general physicians and nurses; joining forces to improve the management of patients with heart failure.

NEW HFA Championships: best challenging cases
The new HFA Championships will confront teams from France, Japan and Poland this year. Each team, composed of a senior and junior heart failure expert and a nurse, will present a challenging case. The audience will vote for the winning team: which team will you support?
**Virtual case area**
Experience a virtual and interactive case on a digital simulator!
Join the experts in the Virtual Case Area for real-life challenging cases:

- Failing or not failing right myocardium?
- A patient with cardiogenic shock
- A patient with infective endocarditis & acute aortic regurgitation
- Young decompensated patient with constrictive pericarditis
- Mysterious myocarditis in a young patient
- Heart transplantation in a HIV-positive patient

**HFA Career Cafe**
The meeting place where the future generation of heart failure specialists interact with the great leaders of their specialty! During individual interviews, the selected applicants will have the privilege to seek career development advice and recommendations from renowned professionals.
Stay tuned: applications will open in January.

**Original science in the spotlight**
At the core of the congress: presentation of original scientific research!

The best clinical, basic and translational research has been selected for oral Rapid Fire sessions, Moderated Poster sessions, Poster sessions, and some will compete for awards in the Young Investigator Awards: Clinical & Basic Science, the Nursing Investigator Award and the Clinical Case Competition!
### Late Breaking Trials I

**Acute heart failure**  
*World Congress on Acute Heart Failure*

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| 08:30 - 10:00 | Special Session MONET | **Late Breaking Trials I**  
**Acute heart failure**  
*World Congress on Acute Heart Failure* |

### Organ dysfunction in acute heart failure

**Acute heart failure**  
*World Congress on Acute Heart Failure*

- Kidney.
- Liver and gut.
- Lungs.
- Brain.

### Organ dysfunction in acute heart failure

**Acute heart failure**  
*World Congress on Acute Heart Failure*

- Kidney.
- Liver and gut.
- Lungs.
- Brain.

### Differential diagnosis of dilated cardiomyopathy

**Dilated cardiomyopathy**  
*Cardiomyopathy Track*

- Definition and classification.
- Genetics.
- MRI.
- Endomyocardial biopsy.

### Chronic heart failure - management

**Right ventricular function**  

Patient is male, 69 years old. Recently operated to correct a ruptured aortic aneurism. Shortly after surgery, the patient was hemodynamically stable. Currently, 8 hours post repair, the patient is suffering profound peripheral vasoconstriction, higher oxygen demands, higher inotropic demands and his blood pressure is dropping acutely.
11:00 - 12:00 Guidelines in Daily Practice MONET

Guidelines in Daily Practice I: Atrial fibrillation in heart failure

Acute heart failure
Guidelines into Practice
World Congress on Acute Heart Failure

• Case presentation: atrial fibrillation in heart failure
• What do the guidelines say?
• Gaps in evidence
• Q & A with the audience.
• Conclusion and take-home messages

11:00 - 12:00 Symposium ZOLA

Getting the patient ready for discharge

Acute heart failure
World Congress on Acute Heart Failure

• Optimising heart failure therapies.
• Treat co-morbidities.
• Role of nurse-led programmes.
• Planning the post-discharge journey.
• Any place for novel heart failure therapies?

11:00 - 12:00 Symposium RENOIR

Remote monitoring for heart failure

Telemecine and remote patient management

• Added value in self-care.
• Lessons learned from implantable devices.
• Is hemodynamic monitoring the solution?
• The future.

11:00 - 12:00 Symposium MATISSE

Surveillance post hospitalisation

Chronic heart failure - management

• Programme PRADO: premiers résultats.
• Place de l’infirmier libéral.
• Place de la réadaptation cardiaque.
• Place de la télémédecine.

11:00 - 12:00 Symposium PIAF

Understanding cardiomyopathies. What are the mechanisms?

Cardiomyopathy (other)
Basic Science - Translational
Cardiomyopathy Track

• Peripartum cardiomyopathy.
• Takotsubo syndrome.
• Myocarditis.
• Chagas’ cardiomyopathy.
### Guidelines in Daily Practice

**Guidelines into Practice**
- Case presentation: a patient at hospital discharge
- What do the guidelines say?
- Gaps in evidence
- Q & A with the audience.
- Conclusion and take-home messages
- Case presentation: management in outpatient centre
- What do the Guidelines say?
- Gaps in evidence
- Q & A with the audience.
- Conclusion and take-home messages

### Essentials of congestion in acute heart failure

**Acute heart failure**
*World Congress on Acute Heart Failure*
- Clinical assessment.
- Lung ultrasound.
- Echocardiography.
- Biomarkers.

### Novel drugs in acute heart failure: hurdles, hype and hope

- Serelaxin.
- HNO Donors.
- Omecapit mercabil.
- Elamipretide.
- Vericquat.

### Insuffisance cardiaque systolique évolutive

**Chronic heart failure - management**
- Cas clinique.
- Sur quels paramètres demander une consultation rapide de cardiologie.
- Comment éviter une hospitalisation?
- Sur quels paramètres hospitaliser le patient.
- Quand décider de la sortie du patient.

### Novel aspects of hereditary cardiomyopathies

**Cardiomyopathy (other)**
*Basic Science - Translational Cardiomyopathy Track*
- Overview.
- Titin truncations.
- Genomic control in dilated cardiomyopathy.
- Impact of genetics on heart failure management.
### Symposium HUGO

**Dilemmas in the dosing of HFrEF drugs**

- Uptitrate RAASi before sacubitril/valsartan.
- HFrEF and heart rate: beta-blockers and ivabradine.
- Renin-angiotensin inhibitors in patients with concomitant renal dysfunction.
- Titrating diuretics in chronic heart failure.

### Symposium MONET

**Acute right heart failure**

*World Congress on Acute Heart Failure*

- Diagnosis.
- Pharmacological therapy.
- Volume optimisation.
- Surgical options.

### HFA Focus session ZOLA

**Challenging clinical scenarios in acute heart failure**

*World Congress on Acute Heart Failure*

- Mobile App Interactive Session.
- Myocardial ischemia and pulmonary edema.
- Myocardial ischemia and pulmonary edema - panel discussion.
- “Wet and cold” patient.
- “Wet and cold” patient - Panel discussion.

### Symposium RENOIR

**Controversies in cardiac resynchronisation therapy**

*Devices / CRT / ICD / Surgery*

- Who is most likely to benefit from CRT?
- Optimising response to CRT: tips and tricks
- Atrial fibrillation.
- CRT-D or CRT-P.

### Symposium MATISSE

**Quand envisager une thérapeutique lourde?**

*Advanced heart failure*

- Assistance ventriculaire: pour qui et quand?
- Préparation psychologique des patients.
- Préparation technique des infirmières.
- Suivi à domicile des patients avec assistance.
### 16:30 - 17:30 Symposium PIAF

**Cancer and the heart**

**Cancer and anti-cancer drugs - cardiotoxicity - cachexia**

*Basic Science - Translational*

- Clinical perspective.
- Metabolic aspects.
- Obesity and chemotherapy toxicity.
- Cardiac and onco-microRNAs.

### 16:30 - 17:30 Symposium AGORA I

**Attention needed for co-morbidities**

**Co-morbidities**

- How to approach COPD in heart failure.
- Sarcopenia and frailty in heart failure: from skeletal muscle to fat and back.
- Deficiencies in trace elements beyond iron: to treat or not to treat.

### 17:45 - 19:00 Special Event HUGO

**Inaugural Session**
Late Breaking Trials II

**Symposium** MONET

**08:30 - 10:00**

**Hot topics in diabetes and heart failure**

**Co-morbidities - other**

- Diabetes-related cardiomyopathy.
- Sudden cardiac death.
- Glucose lowering drugs and cardiovascular outcome.
- Revascularisation.

**Symposium** ZOLA

**08:30 - 10:00**

**What a busy clinician should know about heart failure with preserved ejection fraction?**

**Chronic heart failure - other**

- Diagnosis and prognosis.
- What went wrong in previous trials.
- It's just the co-morbidities?
- Novel treatments on the horizon.

**Symposium** RENOIR

**08:30 - 10:00**

**Amyloidosis: don’t miss it**

**HFpEF - Heart failure with preserved ejection fraction**

**Cardiomyopathy Track**

- Cardiac amyloidosis: one or three diseases.
- Multiple cardiac imaging techniques: advantage and limitation.
- How to treat with cardiologic tools?
- Novel therapies: hope or dream?

**Symposium** MATISSE

**08:30 - 10:00**

**Acute heart failure: immediate management**

**Acute heart failure**

**World Congress on Acute Heart Failure**

- First minutes: how to evaluate patient severity?
- Biomarkers for the early diagnosis in acute heart failure.
- Ultrasound: exploring heart and lung.
- Early management after hospital discharge.

**Symposium** PIAF

**08:30 - 10:00**

**Novel drugs: how do they work?**

**Chronic heart failure - diuretics, fluid status and drug therapy**

**Basic Science - Translational**

- Neprilysin inhibition.
- Empagliflozin (SGLT-2 inhibition).
- Serelaxin
- Potassium binders.
- Beta-3 Agonists.
## 10:00 - 11:00 How-to Session

**VIRTUAL CASES AREA**

### Virtual case 2: a patient with cardiogenic shock

### Acute heart failure - management

Patient was referred to hospital due to persistent cardiogenic shock. With positive inotropic treatment, Levosimendan, and negative balance, patient was stabilized. HF treatment was started and patient was referred to intermediate care. Despite treatment, patient did not improve and evaluation for VADs implantation and TPL was started. However, patient deteriorated and was referred to the ICU again.

### 11:00 - 12:30 Guidelines in Daily Practice

**HUGO**

#### Guidelines in Daily Practice III: pharmacological management based on LVEF

**Guidelines into Practice**
- Case presentation: worsening HFrEF
- What do the guidelines say?
- Gaps in evidence.
- Q&A with the audience.
- Conclusion and take-home messages
- Case presentation: dyspnea and HFmrEF
- What do the Guidelines say?
- Gaps in evidence.
- Q&A with the audience.
- Conclusion and take-home messages

### 11:00 - 12:30 Symposium

**MONET**

#### Therapy of cardiogenic shock

### Acute heart failure

**World Congress on Acute Heart Failure**
- The pitfalls of catecholamines.
- Inotropes: a double-edged sword.
- When drugs alone are not enough - Mechanical circulatory support
- Panel discussion.

### 11:00 - 12:30 Symposium

**ZOLA**

#### Cardio-oncology: a partnership between heart failure specialists and oncologists

**Cancer and anti-cancer drugs - cardiotoxicity - cachexia**
- Cancer therapy - Cardiovascular complications.
- How to prevent cardiotoxicity of cancer therapies?
- The heart failure patient scheduled for chemotherapy.
- Setting up a cardio-oncology service.

### 11:00 - 12:30 Symposium

**MATISSE**

#### Allez les Bleus! Groundbreaking French contributions to cardiology

**Devices / CRT / ICD / Surgery**

**Local Track**
- Resynchronisation therapy.
- TAVI.
- Atrial fibrillation ablation.
- The CARMAT experience.
### 11:00 - 12:30 Symposium PIAF

**Diabetes, obesity and the heart**

**Metabolism - Diabetes mellitus - Obesity**

**Basic Science - Translational**

- Substrate metabolism in diabetes and heart failure.
- Natriuretic peptides controlling lipid metabolism.
- The emerging role of ketone bodies for cardiac energetics.
- Epigenetic control of glucose metabolism.

### 14:15 - 15:45 Symposium HUGO

**How the results of recent randomized clinical trials will impact our practice**

**Chronic heart failure - other**

- A TRUE tale of early vasodilator therapy in acute heart failure.
- STICH – The best revascularisation strategy in ischemic cardiomyopathy is… ?
- EMPAREG-OUTCOME - Sugar in, sugar out?
- A SPRINT to better prevention of heart failure.

### 14:15 - 15:45 HFA Focus session MONET

**Management of comorbidities in chronic heart failure**

**Co-morbidities**

- Mobile App - Voting
  - Mobile App Interactive Session.
  - Sleep apnea.
  - Sleep apnea - Panel discussion.
  - Diabetes.
  - Diabetes - Panel discussion.
  - Severe renal dysfunction.
  - Severe renal dysfunction - Panel discussion.

### 14:15 - 15:45 Special Session ZOLA

**The year’s best papers on heart failure**

**European Heart Journal / European Journal of Heart Failure / ESC- Heart Failure**

The aim of the session is to outline the best articles published last year in Eur Heart J, Eur J Heart Fail and ESC- Heart Failure regarding the different areas of heart failure research

- Imaging.
- Biomarkers.
- Medical therapy.
- Devices.

### 14:15 - 15:45 Symposium RENOIR

**New home-based strategies to improve physical exercise in heart failure patients**

**Exercise testing and training**

- Home-based rehabilitation.
- Barriers and facilitators of adherence to physical activity.
- Beyond ‘Pokemon-go’: using games to get more active.
- Yoga.
14:15 - 15:45 Special Session MATISSE

50th anniversary of Heart Transplantation

Advanced heart failure
- Looking back, looking forward.
- Where are the limits to heart transplantation?
- Are ventricular systems the future?
- Will we be ever able to cure heart failure?

15:45 - 16:30 How-to Session VIRTUAL CASES AREA

Virtual case 3: a patient with infective endocarditis & acute aortic regurgitation

Acute heart failure - diuretics, fluid status and drug therapy
The patient complains of remittent fever exacerbating in the evening hours since a couple of months, temperature rarely exceeds 38°C, anorexia and weight loss, about 5 Kg in the previous 4 to 5 weeks. Transient global amnesia about two months before, neuroimaging not performed. Current medical therapy is Amlodipine 5 mg once daily, Ramipril 5 mg once daily, Aspirin 100 mg once daily.

16:30 - 18:00 Debate HUGO

The Grand Debate 2: Neprilysin inhibitor - Vasodilators

Mobile App - Voting

LCZ 696 (Sacubitril/Valsartan)
- Ready for prime time as first-line therapy? Introduction.
- Ready for prime time as first-line therapy? PRO.
- Ready for prime time as first-line therapy? CONTRA.
- Rebuttal - PRO.
- Rebuttal - CONTRA.
- Grand finale.

Vasodilators in AHF
- Vasodilators in acute heart failure – the end of the beginning or the beginning of the end: Introduction.
- Vasodilators in acute heart failure: the end of the beginning - PRO.
- Vasodilators in acute heart failure: the beginning of the end - CONTRA.
- Rebuttal - PRO.
- Rebuttal - CONTRA.
- Grand finale.

16:30 - 18:00 Symposium MONET

Heart failure patients with co-morbidities

Chronic heart failure - management
- Diabetes.
- Chronic obstructive pulmonary disease.
- Atrial fibrillation.
- Arterial hypertension.
### Symposium RENOIR

**Emergencies in peripartum cardiomyopathy**

**Acute heart failure**

*Cardiomyopathy Track*

*World Congress on Acute Heart Failure*

- Early diagnosis is critical.
- Acute management.
- Lessons from the HFA international registry.
- Discharge recommendations.

### Symposium PIAF

**Sleep disordered breathing and heart failure – Time to rethink?**

**Sleep disorder breathing**

*Basic Science - Translational*

- Pathophysiology of sleep-disordered breathing.
- Randomized trials in heart failure and sleep apnea.
- The “CPAP rebound” phenomenon.
- Can preclinical models solve the dilemma?
08:30 - 10:00 Special Session HUGO

Late Breaking Trials III

08:30 - 10:00 Symposium MONET

Valvular disease in heart failure: vicious twins

Valvular heart disease (diagnosis, management and interventional therapies)

- Imaging for intervention.
- Management of aortic stenosis.
- Mitral regurgitation: drugs, devices or clip?
- Surgical solutions.

08:30 - 10:00 Symposium ZOLA

Therapy of acute heart failure

Acute heart failure

World Congress on Acute Heart Failure

- Diuretics.
- Vasodilators.
- Inotropes.
- Devices.

08:30 - 10:00 Symposium MATISSE

A practical guide how to manage heart failure with mid-range ejection fraction (HFmrEF)?

Chronic heart failure - diagnosis, pathophysiology

- Definition: what do the guidelines say?
- Diagnosis.
- Treatment.
- Future therapies.

08:30 - 10:00 Symposium PIAF

Arrhythmias in heart failure – What are the mechanisms?

Arrhythmias and treatment

Basic Science - Translational

- High transmural wall stress.
- Aldosterone and TRP channels.
- Microdomain remodeling of cardiac myocytes.
- Cardiac dyssynchrony and the effects of resynchronization.

08:30 - 10:00 Symposium AGORA 1

Ventricular assist systems: success and challenges

Assist devices

- Towards a new HFA definition of advanced heart failure.
- Improving technology and outcomes.
- Ventricular Assist Systems are underutilised.
- LVAS Challenges: complications.
**Virtual case 4: young decompensated patient with constrictive pericarditis**

A 42-years old male with 1-year history of recurrent heart failure hospitalizations was admitted to our department due to decompensated heart failure. During stay in ICU standard pharmacological treatment was administered and the patient improved. On the basis of TTE constrictive pericarditis suspicion was raised. MRI study confirmed the diagnosis. Patient underwent successful pericardiectomy. The case focus on rare cause of heart failure in young patient and role of multi-modality imaging in diagnosis differentiation.

**Guidelines in Daily Practice IV: co-morbidities: valvular and kidney disease**

*Guidelines into Practice*

- Case presentation: a patient with valvular disease
- What do the guidelines say?
- Gaps in evidence
- Q & A with the audience.
- Conclusion and take-home messages.
- Case presentation: worsening kidney function
- What do the Guidelines say?
- Gaps in evidence
- Q&A
- Conclusion and take-home messages.

**How to use biomarkers in acute heart failure**

*World Congress on Acute Heart Failure*

- Natriuretic peptides.
- Inflammatory markers.
- Troponins.
- Markers of renal function.

**How to tackle congestion**

*World Congress on Acute Heart Failure*

- Decongestion: what are the targets.
- Decongestive therapies.
- Diuretic resistance.
- Ultrafiltration: a bridge over troubled waters?

**How to diagnose and treat myocarditis?**

*Cardiomyopathy Track*

- Diagnosis.
- New imaging, new hopes.
- Treatment.
- The road ahead.
**Monday 1 May 2017**

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<td><strong>MATISSE</strong></td>
<td>Novel aspects in heart transplantation</td>
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<td><strong>Vascular biology, other</strong></td>
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<td>• Japanese Team: a case of acute heart failure.</td>
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<td><strong>MONET</strong></td>
<td>How imaging can guide clinical decision making in heart failure</td>
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<td>• Is it time to replace the measurement of ejection fraction?</td>
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<td>• The right ventricle?</td>
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<td>• Ischemic cardiomyopathy: is viability testing still alive?</td>
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<td>Comorbidities: prequel or sequel to heart failure</td>
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<td>• Concomitant renal failure: how to adjust treatment.</td>
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<td>• Heart failure and angina: from drugs to interventions.</td>
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<td>• Gut microbiota: a novel field of intervention?</td>
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<td>• Sleep disordered breathing: to intervene or not to intervene?</td>
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<td>• Chronic Pain – Selective COX-2 inhibitor or NSAID?</td>
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### 14:15 - 15:45 Symposium MATISSE

**Biomarkers in chronic heart failure**

**Biomarkers**
- New markers of acute kidney injury.
- Long term outcome: ST-2 and/or adrenomedulin.
- What is in the pipeline?
- Biomarkers changed my daily practice!

### 14:15 - 15:45 Symposium PIAF

**A fresh look on iron deficiency in heart failure**

**Anaemia and iron deficiency**

*Basic Science - Translational*
- Iron deficiency: diagnostic dilemmas and therapeutic perspectives.
- Iron deficiency impairs cardiac adaptation to acute and chronic stress.
- Iron deficiency leads to pulmonary vascular remodelling.
- Heart failure is a multi-nutrient deficiency disorder: impact of Iron, copper and selenium

### 15:45 - 16:30 How-to Session VIRTUAL CASES AREA

**Virtual case 5: Mysterious myocarditis in a young patient**

- Diagnostic work-up of inflammatory myocarditis and acute stabilisation
- Indications for endomyocardial biopsy
- Medical treatment of immune mediated myocarditis, discussion of ICD indications
- Description: 39-year old woman was diagnosed acute myocarditis a month earlier. Now she presented with symptoms of acute heart failure. She had pleural effusion, echocardiography showed impaired left ventricular function with LVEF 30%, heterogeneous wall thickness and pericardial effusion.

### 16:30 - 18:00 Debate HUGO

**The Grand Debate 1: ICD – Myocardial revascularisation**

*Devices / CRT / ICD / Surgery*

*Mobile App - Voting*

**Implantable Cardioverter Defibrillator (ICD)**
- Patients with nonischemic heart failure should receive an ICD - Introduction.
- Patients with nonischemic heart failure should receive an ICD - PRO.
- Patients with nonischemic heart failure should receive an ICD - CONTRA.
- Rebuttal - PRO.
- Rebuttal - CONTRA.
- Grand finale.

**STICH (Surgical Treatment for Ischemic Heart Failure)**
- Surgery beats optimal medical therapy in ischemic heart failure - Introduction.
- Surgical revascularisation beats optimal medical therapy in ischemic heart failure - PRO.
- Surgical revascularisation beats optimal medical therapy in ischemic heart failure - CONTRA.
- Rebuttal - PRO.
- Rebuttal - CONTRA.
- Grand finale.
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Symposium</th>
<th>Topic</th>
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<tbody>
<tr>
<td>16:30 - 18:00</td>
<td>Symposium</td>
<td>MONET</td>
<td>Valvular disease is myocardial disease</td>
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<td>Valvular heart disease (diagnosis, management and interventional therapies)</td>
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<td>• How imaging can guide diagnosis and intervention.</td>
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<td>• Functional mitral regurgitation: the road ahead.</td>
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<td>• Percutaneous intervention for the tricuspid valve.</td>
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<td>• Surgery and hybrid procedures.</td>
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<td>16:30 - 18:00</td>
<td>Symposium</td>
<td>ZOLA</td>
<td>Biomarkers in my daily practice</td>
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<td>Acute heart failure</td>
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<td>World Congress on Acute Heart Failure</td>
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<td>• Natriuretic peptide in the emergency room.</td>
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<td>• Troponin in all acute heart failure.</td>
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<td>• Before discharge home.</td>
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<td>• In my outpatients.</td>
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<td>16:30 - 18:00</td>
<td>How-to Session</td>
<td>RENOIR</td>
<td>Challenging heart team decisions in patients with ventricular assist systems</td>
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<td>Assist devices</td>
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<td>• Indications: not too early, not too late.</td>
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<td>• Biventricular failure.</td>
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<td>• Refractory shock?</td>
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<td>• How to manage complications.</td>
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<td>16:30 - 18:00</td>
<td>Symposium</td>
<td>MATISSE</td>
<td>How should co-morbidities in heart failure be treated?</td>
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<td>• How to approach COPD in heart failure.</td>
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<td>• Sarcopenia and frailty in heart failure: from skeletal muscle to fat and back.</td>
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<td>• Mechanisms and therapy of diaphragmatic weakness.</td>
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<td>• All about alcohol and the liver in heart failure.</td>
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<td>16:30 - 18:00</td>
<td>Symposium</td>
<td>PIAF</td>
<td>Highlights of translational medicine</td>
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<td>Chronic heart failure - diuretics, fluid status and drug therapy</td>
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<td>Basic Science - Translational</td>
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<td>Results from the past three workshops of the Translational Research Committee of the HFA</td>
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<td>• State of the art lecture: Title to be confirmed by E. Braunwald</td>
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<td>• Inotropes: a “catch-22”.</td>
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<td>• Targeting fibrosis.</td>
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<td>• Autonomic control of the failing heart.</td>
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Guidelines into Practice

- Case presentation: atrial fibrillation in HFpEF.
- What do the Guidelines say about arrhythmias?
- Gaps in evidence.
- Q&A with the audience.
- Conclusion and take-home messages

- Case presentation: a patient with advanced heart failure
- What do the Guidelines say about devices?
- Gaps in evidence.
- Q&A.
- Conclusion and take-home messages

The right ventricle: the bright side of the moon

- Imaging.
- Impact on organ failure.
- Medical therapy.
- Surgery.

Takotsubo: an acute heart failure syndrome

Cardiomyopathy

Cardiomyopathy Track

- Scope of the problem.
- Diagnosis.
- Treatment.
- HFA recommendations.

Heart and brain interactions in heart failure: mechanisms and therapies

Chronic heart failure - other

- HF and cognitive function - Is the mind blown away?
- HF medications and cerebral side effects and interactions.
- Heart failure patient with stroke – what is important, what is different?
- Reflex control and Stimulation in HF – Do we just need better batteries?
A 65-year old male with HIV infection and a three-vessel coronary artery disease with left ventricular ejection fraction of 30% and severe functional mitral regurgitation was admitted in our institution. Despite maximal medical therapy, defibrillator and mitraclip® implantation, the patient remained symptomatic. After a comprehensive pre-transplant assessment, he was registered on the waiting list. He underwent transplantation with simple one-year outcomes. This case highlights that transplantation may be considered in selected HIV-positive patients in centers with multidisciplinary teams.
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