

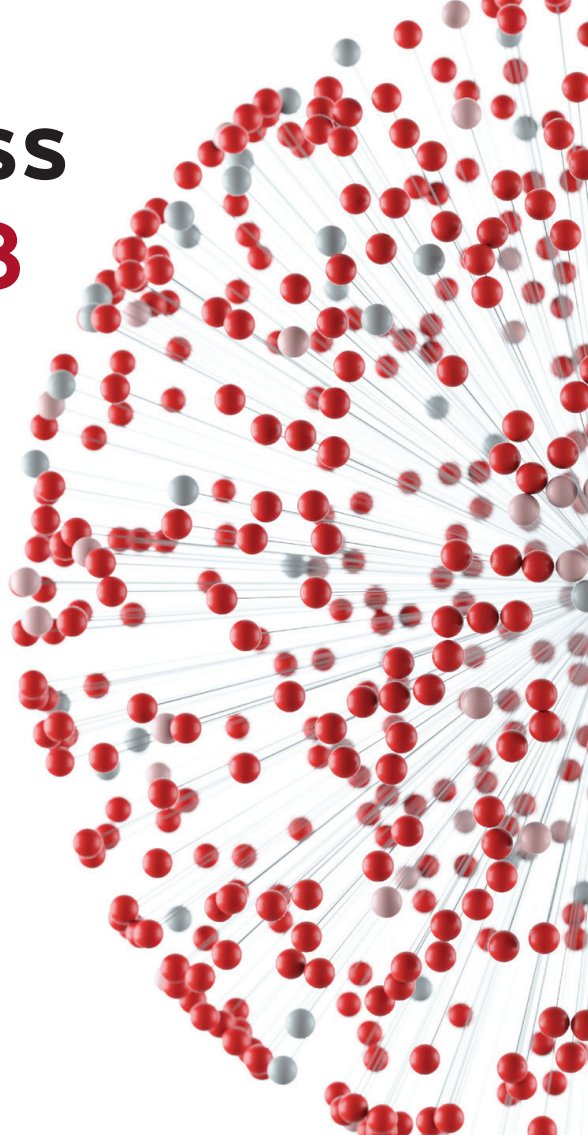
ESC Congress Munich 2018

25-29 August

Where the world of
cardiology comes together

**INDUSTRY
PROGRAMME**

www.escardio.org/ESC2018
#ESCcongress



ACTELION SATELLITE SYMPOSIUM
SUNDAY, 26 AUGUST 2018, 13:00 – 14:00
ROOM ALGIERS – VILLAGE 3

Achieve more in PAH – Translating insights into patient benefits, Volume 1

Marius M. Hoeper (*Co-Chair*), Hannover, Germany
Irene Lang (*Co-Chair*), Vienna, Austria
Nazzareno Galiè, Bologna, Italy
Jean-Luc Vachiéry, Brussels, Belgium

ACTELION SATELLITE SYMPOSIUM
MONDAY, 27 AUGUST 2018, 13:00 – 14:00
ROOM BRUSSELS – VILLAGE 4

Achieve more in PAH – Translating insights into patient benefits, Volume 2

Stephan Rosenkranz (*Co-Chair*), Cologne, Germany
Adam Torbicki (*Co-Chair*), Otwock, Poland
Fabrice Bauer, Rouen, France
Vallerie McLaughlin, Ann Arbor, USA

18009333_ESC_INDUSTRY PROGRAMME_06.2018



ESC Congress 2018, Munich, Germany



Visit the ACTELION BOOTH D700 (Exhibition 2)
to learn more about PAH and to download the Satellite Symposia key slides

25-29 August



Belgrade
Cairo
Damascus
Minsk
San Marino
Tirana
Yerevan

Bern
Stockholm

Bratislava
Copenhagen

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Vienna

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Liubliana

Baku
Moscow

Kiev
Madrid

Munich

Bach
Beethoven
Brahms
Haendel
Schumann

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Digital Health

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Listing as of 29 June 2018

Welcome

Continue your education

Our industry partners are at the very heart of patient care, providing you with the necessary data on products and resources to facilitate your daily practice and improve patient outcomes. The very latest cardiovascular developments will be discussed and debated during the congress - Make sure you share in this experience by attending the following:

Satellite Symposia

Cooperation between clinicians, researchers and the pharmaceutical and technical industries has significantly contributed to a better understanding and management of patients with cardiovascular diseases. This is reflected in a series of Satellite Symposia that will offer you an in-depth view of scientific progress and research in cardiovascular care.

Satellite Symposium - Experts on the Spot

These sessions provide delegates attending or interested in Satellite Symposia Programmes with a further opportunity to question and exchange with topic experts in a concise and interactive format on the session content.

Practical Tutorials

Take home practical techniques and advice from the experts on the application of the latest equipment, devices and therapies relevant to your practice.

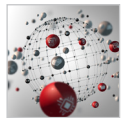
Industry experts will provide delegates with educational sessions and practical demonstrations in the Practical Tutorials Village, located in close vicinity of the Exhibition.

Exhibition

ESC Congress 2018 will host an exhibition area at a prime location in the Congress Centre surrounded by scientific resources. Innovation from industry is an essential part of the Congress favouring debate, learning and exchange. From pharmaceutical products to electronic devices, diagnostic tools to telemedicine, high tech imagery to clinical management software, the exhibition area is a technical and scientific display of current and future healthcare practices, goods and services relevant to the field of cardiology with a strong focus on science and education.

Digital Health @ ESC Congress 2018

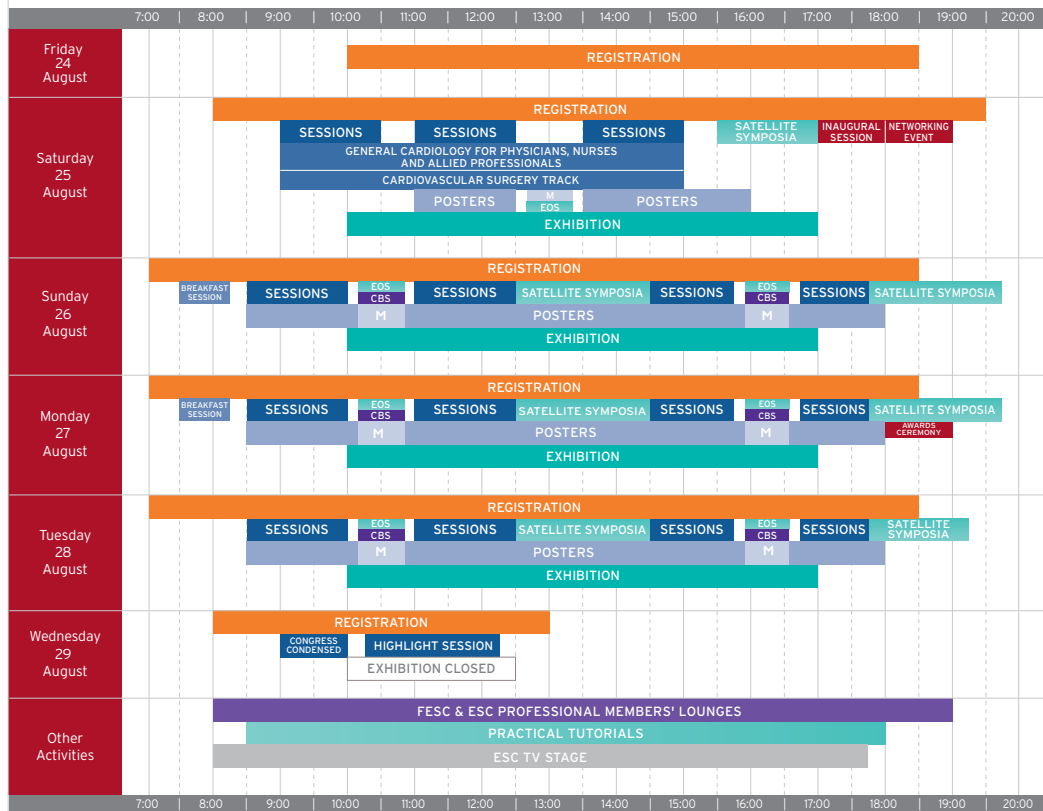
ESC Congress 2018: First call for digital health technology. Want to share your own Digital Health Solution at ESC Congress 2018?



Be part of the exciting NEW Digital Health Area at ESC Congress 2018 in Munich - the world's largest cardiology congress.

This is a unique opportunity to share new ways your hospital or practice is using digital health to advance cardiovascular medicine.

ESC Congress 2018 Schedule





INDUSTRY SPONSORED SESSIONS

- Satellite Symposia
- Satellite Symposia - Experts on the Spot
- Practical Tutorials



European Society of Cardiology



#ESCcongress



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ACTELION SATELLITE SYMPOSIUM

SUNDAY, 26 AUGUST 2018, 13:00 – 14:00

ROOM ALGIERS – VILLAGE 3

Achieve more in PAH – Translating insights into patient benefits, Volume 1

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ACTELION

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OF Janssen-Johnson

ESC Congress 2018, Munich, Germany



Visit the ACTELION BOOTH D700 (Exhibition 2)

to learn more about PAH and to download the Satellite Symposia key slides

SATELLITE SYMPOSIA

SATURDAY 25 AUGUST

15:30 - 16:30 Belgrade - Spotlight Village

Why use percutaneous ventricular assist devices?

Sponsored by Abiomed

15:30 - 16:15 Cairo - Spotlight Village

Have you considered cardiac amyloidosis in your patients?

Sponsored by Pfizer

15:30 - 16:30 Centre Stage - The Hub

Why are we not achieving guideline-recommended RAASi doses in heart failure? Dr Gunther's dilemma

Sponsored by AstraZeneca

Don't miss the complementary Satellite Symposium - Experts on the Spot session scheduled on Sunday 26 August, 16:00-16:30 in Beethoven

15:30 - 16:30 Bach - The Hub

Differential diagnosis of hypertrophic cardiomyopathy - Imaging, genetics & rare causes

Sponsored by Shire

15:30 - 16:30 Brahms - The Hub

PCSK9 inhibition: science, outcomes and guidance

Sponsored by PACE

15:30 - 17:00 Bern - Village 1

Spotlights on optimisation of guideline-supported reperfusion strategies for STEMI

Sponsored by Boehringer Ingelheim

15:30 - 16:30 Stockholm - Village 1

Joining clinical practices: cardiovascular disease and type 2 diabetes

Sponsored by Novo Nordisk A/S

Don't miss the complementary Satellite Symposia - Experts on the Spot sessions scheduled on Sunday 26 August, 13:00-13:45 in Haendel and on Monday 28 August, 16:00-16:30 in Haendel

15:30 - 17:00 Bratislava - Village 2

Reducing cardiovascular mortality in patients with type 2 diabetes: closing the gap between evidence and practice

Sponsored by Boehringer Ingelheim & Eli Lilly and Company Diabetes Alliance

Don't miss the complementary Satellite Symposium - Experts on the Spot session scheduled on Sunday 26 August, 10:15-10:45 in Beethoven

15:30 - 16:30 Copenhagen - Village 2

ESC/ESH Guidelines on BP-lowering treatment: solutions for a new challenge

Sponsored by Menarini Group

15:30 - 16:30 Algiers - Village 3

Emerging evidence-based approaches to reduce residual atherosclerotic risk

Sponsored by Novartis Pharma AG

Don't miss the complementary Satellite Symposium - Experts on the Spot session scheduled on Sunday 26 August, 10:15-10:45 in Brahms

SATELLITE SYMPOSIA

SATURDAY 25 AUGUST

15:30 - 17:00 Vienna - Village 3

GARFIELD-AF: New light shed on atrial fibrillation and its management

Sponsored by Thrombosis Research Institute

15:30 - 16:30 Brussels - Village 4

LDL-c: done deal, next epigenetics?

Sponsored by PACE

15:30 - 16:30 Ljubljana - Village 4

Hypertension-related cardiovascular risks in obesity. New perspective and monitoring technology

Sponsored by Omron Healthcare Europe B.V.

15:30 - 17:00 Baku - Village 5

Translating real world evidence into your clinical practice for your multi-morbid patient

Sponsored by Bayer AG

Don't miss the complementary Satellite Symposium - Experts on the Spot session scheduled on Sunday 26 August, 10:15-10:45 in Haendel

15:30 - 16:45 Moscow - Village 5

Optimised heart failure care throughout the patient journey

Sponsored by SERVIER

Don't miss the complementary Satellite Symposium - Experts on the Spot session scheduled on Sunday 26 August, 10:15-10:45 in Bach

15:30 - 16:30 Kiev - Village 6

Dabigatran use in diverse cardiology settings

Sponsored by Boehringer Ingelheim

Don't miss the complementary Satellite Symposium - Experts on the Spot session scheduled on Sunday 26 August, 10:15-10:45 in Schumann

15:30 - 16:30 Madrid- Village 6

Co-morbidities in chronic heart failure - time for paradigm shifts in the management of hyperkalaemia and iron deficiency

Sponsored by Charité

SATELLITE SYMPOSIA

SUNDAY 26 AUGUST

13:00 - 14:00 Ankara - Spotlight Village

Residual cardiovascular risk after an acute coronary syndrome: identifying, stratifying and managing patients at long term risk of atherothrombotic cardiovascular events

Sponsored by AstraZeneca

Don't miss the complementary Satellite Symposium - Experts on the Spot sessions scheduled on Sunday 26 August, 16:00-16:30 in Beethoven and on Monday 27 August, 10:15 -10:45 in Beethoven

13:00 - 14:00 Minsk - Spotlight Village

Biomarker-based approaches for improved atrial fibrillation management

Sponsored by Roche

13:00 - 14:00 Belgrade - Spotlight Village

Seize the moment to optimize treatment for each patient with heart failure: why, when, and how

Sponsored by Novartis Pharma AG

Don't miss the complementary Satellite Symposium - Experts on the Spot session scheduled on Sunday 26 August, 16:00-16:30 in Haendel

13:00 - 14:00 Cairo - Spotlight Village

Assessing atherosclerosis: risks, goals and strategies to minimize cardiovascular risk post-myocardial infarction

Sponsored by MSD

Don't miss the complementary Satellite Symposium - Experts on the Spot session scheduled on Saturday 25 August, 12:45-13:15 in Bach

18:15 - 19:15 Cairo - Spotlight Village

Hyperuricemia: a key player in multisystemic diseases

Sponsored by Menarini Group

13:00 - 14:00 Damascus - Spotlight Village

Cardiovascular risk reduction and the role of lipoprotein(a): present and future therapeutic options

Sponsored by Cleveland

13:00 - 13:45 San Marino - Spotlight Village

Acoustic pulse thrombolysis treatment for pulmonary embolism patients: rationale, experience and data

Sponsored by EKOS Corporation

13:00 - 14:00 Centre Stage - The Hub

The number 3 - Perfection?: the ideal synthesis even in stable angina management

Sponsored by Menarini Group

SATELLITE SYMPOSIA

SUNDAY 26 AUGUST

13:00 - 14:00 Bach - The Hub

Who needs aspirin? Finding your patient in the world's guidelines

Sponsored by Bayer AG

13:00 - 14:00 Beethoven - The Hub

Deliver outcomes that matter to patients - Connected imaging to treat the complex valves

Sponsored by Siemens Healthineers

13:00 - 14:00 Brahms - The Hub

The role of the implantable loop recorder in the 2018 ESC Syncope Guidelines

Sponsored by Medtronic

13:00 - 14:00 Schumann - The Hub

Current minimally-invasive treatment modalities for heart valve diseases : what is next?

Sponsored by Edwards Lifesciences

13:00 - 14:00 Bern - Village 1

Oral anticoagulation in atrial fibrillation - From evidence-based medicine to daily clinical practice

Sponsored by Daiichi Sankyo

Don't miss the complementary Satellite Symposium - Experts on the Spot session scheduled on Monday 27 August, 10:15-10:45 in Schumann

13:00 - 14:00 Stockholm - Village 1

Advances and investigational devices in heart failure

Sponsored by Medtronic

13:00 - 14:00 Bratislava - Village 2

Optimising cardiovascular outcomes with PCSK9 inhibitors: start now before a potential next MI or stroke!

Sponsored by Amgen Europe GmbH

Don't miss the complementary Satellite Symposium - Experts on the Spot session scheduled on Monday 27 August, 16:00-16:30 in Brahms

13:00 - 14:00 Algiers - Village 3

Achieve more in pulmonary arterial hypertension - Translating insights into patient benefits, Volume 1

Sponsored by Actelion Pharmaceuticals Ltd

13:00 - 14:00 Brussels - Village 4

Witness a big leap in patient care thanks to echo

Sponsored by Philips Healthcare

SATELLITE SYMPOSIA

SUNDAY 26 AUGUST

13:00 - 14:00 Ljubljana - Village 4

Saving lives beyond adherence

Sponsored by Ferrer Internacional, S.A.

13:00 - 14:00 Baku - Village 5

Rivaroxaban in cardiovascular protection: getting to the heart of the matter

Sponsored by Bayer AG

Don't miss the complementary Satellite Symposium - Experts on the Spot session scheduled on Monday 27 August, 10:15-10:45 in Haendel

18:15 - 19:45 Baku - Village 5

Advances in anticoagulation to improve patient care in atrial fibrillation

Sponsored by Bristol-Myers Squibb and Pfizer Alliance

Don't miss the complementary Satellite Symposium - Experts on the Spot session scheduled on Monday 27 August, 10:15-10:45 in Brahms

13:00 - 14:00 Moscow - Village 5

Treating angina: the way forward

Sponsored by SERVIER

Don't miss the complementary Satellite Symposium - Experts on the Spot session scheduled on Sunday 26 August, 16:00-16:30 in Bach

18:15 - 19:15 Moscow - Village 5

Simple solutions to ensure efficacy in high cardiovascular risk patients

Sponsored by SERVIER

Don't miss the complementary Satellite Symposium - Experts on the Spot session scheduled on Monday 27 August, 10:15-10:45 in Bach

13:00 - 14:00 Kiev - Village 6

Translating trials to clinical practice: is dual therapy the new standard of care for AF patients post-PCI?

Sponsored by Boehringer Ingelheim

Don't miss the complementary Satellite Symposium - Experts on the Spot session scheduled on Sunday 26 August, 16:00-16:30 in Schumann

13:00 - 14:00 Madrid - Village 6

New concepts in vascular protection: exploring the role of antithrombotic therapy

Organised by Medscape Education, supported with an educational grant by Bayer AG

Don't miss the complementary Satellite Symposium - Experts on the Spot session scheduled on Saturday 25 August, 12:45-13:15 in Brahms

SATELLITE SYMPOSIA

MONDAY 27 AUGUST

13:00 - 14:00 Ankara - Spotlight Village

Therapeutic dilemmas in heart failure: debate of the experts

Organised by Medscape Education, supported with an educational grant by Novartis

Don't miss the complementary Satellite Symposium - Experts on the Spot session scheduled on Monday 27 August, 16:00-16:30 in Haendel

13:00 - 14:00 Minsk - Spotlight Village

Initial combination therapy in pulmonary arterial hypertension: a new standard of care?

Sponsored by GlaxoSmithKline

13:00 - 14:00 Belgrade - Spotlight Village

Managing pulmonary embolism according to patient profile in the NOAC era

Sponsored by Bayer AG

Don't miss the complementary Satellite Symposium - Experts on the Spot session scheduled on Monday 27 August, 16:00-16:30 in Bach

13:00 - 14:00 Yerevan - Spotlight Village

PCSK9 inhibition to prevent and treat atherosclerotic cardiovascular disease

Sponsored by Sanofi - Regeneron

13:00 - 14:00 Cairo - Spotlight Village

Implementing the new European hypertension guidelines into clinical practice

Sponsored by Boehringer Ingelheim International GmbH

13:00 - 14:00 Tirana - Spotlight Village

Applying the wearable cardioverter defibrillator in clinical practice

Sponsored by ZOLL

13:00 - 14:00 Damascus - Spotlight Village

A case based approach to the management of complex valvular disease

Sponsored by Cleveland

13:00 - 14:00 San Marino - Spotlight Village

Roundtable discussion with the American Heart Association Editors for Circulation - Cardiovascular imaging and circulation: cardiovascular interventions

Sponsored by Wolters Kluwer

13:00 - 14:00 Centre Stage - The Hub

SGLT2 inhibition and heart failure: a different way of thinking?

Sponsored by AstraZeneca

SATELLITE SYMPOSIA

MONDAY 27 AUGUST

13:00 – 14:00 Bach – The Hub

What is new in implantable cardiac devices?

Sponsored by Medtronic

Don't miss the complementary Satellite Symposium - Experts on the Spot session scheduled on Saturday 25 August, 12:45-13:15 in Haendel

13:00 – 14:00 Beethoven – The Hub

Transforming patient care delivery: high-sensitivity cardiac troponin-i and cardiac imaging for the early diagnosis of myocardial infarction

Sponsored by Siemens Healthineers

13:00 – 14:00 Brahms – The Hub

Evolution of quality of care for aortic stenosis treatment – Are we making progress in Europe?

Sponsored by Edwards Lifesciences

13:00 – 14:00 Haendel – The Hub

Aortic stenosis treatments? I know it all! – You will be surprised...

Sponsored by Medtronic

13:00 – 14:00 Schumann – The Hub

From early diagnosis to targeted therapy – Hereditary ATTR amyloidosis reconsidered

Sponsored Akcea Therapeutics Germany GmbH

13:00 – 14:00 Bern – Village 1

Targeting SGLT2 in clinical cardiology: exploring the benefits in cardiovascular risk, diabetes & heart failure

Organised by PACE, supported with an educational grant by Boehringer Ingelheim

Don't miss the complementary Satellite Symposium - Experts on the Spot session scheduled on Monday 27 August, 16:00-16:30 in Beethoven

13:00 – 14:00 Stockholm – Village 1

Five things cardiologists should know about diabetes

Sponsored by MSD

Don't miss the complementary Satellite Symposium - Experts on the Spot session scheduled on Tuesday 28 August, 10:15-10:45 in Haendel

13:00 – 14:00 Bratislava – Village 2

Spectrum of non-valvular atrial fibrillation: burden of disease

Sponsored by Bristol-Myers Squibb and Pfizer Alliance

Don't miss the complementary Satellite Symposium - Experts on the Spot session scheduled on Tuesday 28 August, 10:15-10:45 in Brahms

13:00 – 14:00 Copenhagen – Village 2

Outcomes of GLP-1 RA in diabetes and cardiovascular disease: what are the key opportunities for cardiology practice?

Organised by PACE - CME - Physicians' Academy for Cardiovascular Education, supported with an educational grant by Novo Nordisk

Don't miss the Satellite Symposium - Experts on the Spot session scheduled on Tuesday 28 August, 13:00-13:45 in Haendel

SATELLITE SYMPOSIA

MONDAY 27 AUGUST

13:00 - 14:00 Algiers - Village 3

Optimising antiplatelet strategies in acute coronary syndrome: where are we now?

Sponsored by Daiichi Sankyo Europe GmbH

Don't miss the complementary Satellite Symposium - Experts on the Spot session scheduled on Tuesday 28 August, 10:15-10:45 in Beethoven

13:00 - 14:00 Vienna - Village 3

Stand up against dyslipidaemia - early prevention with supplement therapy : a paradigm shift

Sponsored by Menarini

13:00 - 14:00 Brussels - Village 4

Achieve more in pulmonary arterial hypertension - Translating insights into patient benefits, Volume 2

Sponsored by Actelion Pharmaceuticals Ltd

13:00 - 14:00 Ljubljana - Village 4

Biomarkers in Cardiology

Sponsored by Roche

13:00 - 14:00 Baku - Village 5

Setting the COMPASS into new directions

Sponsored by Bayer AG

Don't miss the complementary Satellite Symposia - Experts on the Spot sessions scheduled on Sunday 26 August, 16:00-16:30 in Brahms and on Tuesday 28 August, 10:15-10:45 in Bach

18:15 - 19:45 Baku - Village 5

Identifying patients benefiting the most from PCSK9i: highlights from the latest ODYSSEY OUTCOMES data

Sponsored by Sanofi and Regeneron

Don't miss the complementary Satellite Symposia - Experts on the Spot session scheduled on Tuesday 28 August, 10:15-10:45 in Schumann and on Tuesday 28 August, 16:00-16:30 in Beethoven

13:00 - 14:00 Moscow - Village 5

Treatment of ischemic heart disease patients in 2018

Sponsored by SERVIER

13:00 - 14:00 Kiev - Village 6

Anticoagulation and your atrial fibrillation patients: bringing it all together in clinical practice

Sponsored by Boehringer Ingelheim

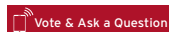
Don't miss the complementary Satellite Symposium - Experts on the Spot session scheduled on Monday 27 August, 16:00-16:30 in Schumann

13:00 - 14:00 Madrid - Village 6

Preventing PE & DVT in heart failure and other medically ill patients: an innovative action plan

Organised by Medscape Education, supported with an educational grant by Portola & NATF

Don't miss the complementary Satellite Symposium - Experts on the Sport session scheduled on Tuesday 28 August, 16:00-16:30 in Schumann



SATELLITE SYMPOSIA

TUESDAY 28 AUGUST

13:00 - 14:00 Ankara - Spotlight Village

LDL-cholesterol and secondary prevention of atherosclerotic disease - When less is definitely more!

Sponsored by Amgen Europe GmbH

Don't miss the complementary Satellite Symposium - Experts on the Spot session scheduled on Tuesday 28 August, 16:00-16:30 in Brahms

13:00 - 14:00 Cairo - Spotlight Village

1 out of 3 hypertension patients remain uncontrolled. Time to find another way down?

Sponsored by Medtronic

Don't miss the complementary Satellite Symposium - Experts on the Spot session scheduled on Saturday 25 August, 12:45-13:15 in Schumann

13:00 - 14:00 Centre Stage - The Hub

Baroreflex activation therapy for resistant hypertension and heart failure: the new piece in the puzzle

Organised by Charité supported with an educational grant from CVRx

13:00 - 14:00 Beethoven - The Hub

Roundtable discussion with the American Heart Association Editors for Circulation - Arrhythmia and electrophysiology and circulation: cardiovascular quality and outcomes

Sponsored by Wolters Kluwer

13:00 - 14:00 Bratislava - Village 2

Guidelines, clinical evidence and real-life practice - How to find your way in managing hypercholesterolaemia?

Sponsored by MYLAN

13:00 - 14:00 Copenhagen - Village 2

Amyloidosis beyond heart failure: paving the way for an early diagnosis

Organised by Medscape Education, supported with an educational grant by Alnylam Pharmaceutical, Inc and Ionis Pharmaceuticals, Inc.

13:00 - 14:00 Vienna - Village 3

Transcatheter mitral valve repair in functional mitral regurgitation : time for evidence!

Sponsored by Abbott

Don't miss the complementary Satellite Symposium - Experts on the Spot session scheduled on Saturday 25 August, 12:45-13:15 in Beethoven

13:00 - 14:00 Brussels - Village 4

New concepts and models in cardiovascular disease risk management

Sponsored by PACE-CME: Physicians' Academy for Cardiovascular Education

13:00 - 14:00 Baku - Village 5

COMMANDER-HF: new directions in the management of thrombotic risks in patients with heart failure?

Sponsored by Bayer AG

Don't miss the complementary Satellite Symposium - Experts on the Spot session scheduled on Tuesday 28 August, 16:00-16:30 in Bach

13:00 - 14:00 Moscow - Village 5

Transforming patient care in venous thromboembolism - the role of non-vitamin K antagonist oral anticoagulants

Sponsored by Bristol-Myers Squibb and Pfizer Alliance

13:00 - 14:00 Madrid - Village 6

Navigating the continuum of care in cardiac arrhythmia management

Organised by Medscape Education, supported with an educational grant by Biosense Webster

SATELLITE SYMPOSIA - EXPERTS ON THE SPOT

SATURDAY 25 AUGUST

12:45 - 13:15 Bach - The Hub

Precision medicine in coronary patients: enhanced risk identification and treatment

Sponsored by MSD

Please refer to the Satellite Symposium session scheduled on Sunday 26 August, 13:00-14:00 in Cairo - Spotlight Village

12:45 - 13:15 Beethoven - The Hub

Treating tricuspid regurgitation : what is new?

Sponsored by Abbott

Please refer to the Satellite Symposium session scheduled on Sunday 26 August, 13:00-14:00 in Vienna - Village 3

12:45 - 13:15 Brahms - The Hub

New concepts in vascular protection: exploring the role of antithrombotic therapy

Sponsored by Medscape

Please refer to the Satellite Symposium session scheduled on Sunday 26 August, 13:00-14:00 in Madrid - Village 6

12:45 - 13:15 Haendel - The Hub

State of the art ICD therapy: Only shock to save a life

Sponsored by Medtronic

Please refer to the Satellite Symposium session scheduled on Monday 27 August, 13:00-14:00 in Bach - The Hub

12:45 - 13:15 Schumann - The Hub

Ambulatory blood pressure monitoring (ABPM): a clinical tool for hypertension diagnosis, risk assessment and therapy evaluation

Sponsored by Medtronic

Please refer to the Satellite Symposium session scheduled on Tuesday 28 August, 13:00-14:00 in Cairo - Spotlight Village

SATELLITE SYMPOSIA - EXPERTS ON THE SPOT

SUNDAY 26 AUGUST

10:15 - 10:45 Bach - The Hub

New opportunities for treating heart failure through fixed dose combinations

Sponsored by SERVIER

Please refer to the Satellite Symposium session scheduled on Saturday 25 August, 15:30-16:45 in Moscow - Village 5

16:00 - 16:30 Bach - The Hub

What if angina recurs after coronary revascularization?

Sponsored by SERVIER

Please refer to the Satellite Symposium session scheduled on Sunday 26 August, 13:00-14:00 in Moscow - Village 5

10:15 - 10:45 Beethoven - The Hub

Reducing premature cardiovascular mortality in patients with type 2 diabetes: best practice in cardiology

Sponsored by Boehringer Ingelheim & Eli Lilly and Company Diabetes Alliance

Please refer to the Satellite Symposium session scheduled on Saturday 25 August, 15:30-17:00 in Bratislava - Village 2

16:00 - 16:30 Beethoven - The Hub

Residual cardiovascular risk after an acute coronary syndrome: identifying, stratifying and managing patients at long term risk of atherothrombotic cardiovascular events

Sponsored by AstraZeneca

Please refer to the Satellite Symposium session scheduled on Sunday 26 August, 13:00-14:00 in Ankara - Spotlight Village

10:15 - 10:45 Brahms - The Hub

Emerging evidence-based approaches to reduce residual atherosclerotic risk - Ask the experts

Sponsored by Novartis Pharma AG

Please refer to the Satellite Symposium session scheduled on Saturday 25 August, 15:30-16:30 in Algiers - Village 3

16:00 - 16:30 Brahms - The Hub

Setting the COMPASS into new directions: who will benefit most in coronary artery disease?

Sponsored by Bayer AG

Please refer to the Satellite Symposium session scheduled on Monday 27 August, 13:00-14:00 in Baku - Village 5

SATELLITE SYMPOSIA - EXPERTS ON THE SPOT

SUNDAY 26 AUGUST

10:15 - 10:45 Haendel - The Hub

Anticoagulation in challenging circumstances: translating the real world evidence data for your multi-morbid patients with atrial fibrillation

Sponsored by Bayer AG

Please refer to the Satellite Symposium session scheduled on Saturday 25 August, 15:30-17:00 in Baku - Village 5

13:00 - 13:45 Haendel - The Hub

Discussion: Glucagon-like peptide-1 receptor agonists and changing paradigms in clinical practice

Sponsored by Novo Nordisk A/S

Please refer to the Satellite Symposium session scheduled on Saturday 25 August, 15:30-16:30 in Stockholm - Village 1

16:00 - 16:30 Haendel - The Hub

Seize the moment to optimize heart failure treatment: why, when, and how? Ask the experts

Sponsored by Novartis Pharma AG

Please refer to the Satellite Symposium session scheduled on Sunday 26 August, 13:00-14:00 in Belgrade - Spotlight Village

10:15 - 10:45 Schumann - The Hub

Uninterrupted NOACs in AF ablation: what have we learned from the clinical trials?

Sponsored by Boehringer Ingelheim

Please refer to the Satellite Symposium session scheduled on Saturday 25 August, 15:30-16:30 in Kiev - Village 6

16:00 - 16:30 Schumann - The Hub

Bringing order to complexity: antithrombotic regimens for atrial fibrillation patients who underwent percutaneous coronary intervention

Sponsored by Boehringer Ingelheim

Please refer to the Satellite Symposium session scheduled on Sunday 26 August, 13:00-14:00 in Kiev - Village 6

SATELLITE SYMPOSIA - EXPERTS ON THE SPOT

MONDAY 27 AUGUST

10:15 - 10:45 Bach - The Hub

Evolving approaches to the management of hypertension: combination therapy for all?

Sponsored by SERVIER

Please refer to the Satellite Symposium session scheduled on Sunday 26 August, 18:15-19:15 in Moscow - Village 5

16:00 - 16:30 Bach - The Hub

Pulmonary embolism home treatment - Who and when?

Sponsored by Bayer AG

Please refer to the Satellite Symposium session scheduled on Monday 27 August, 13:00-14:00 in Belgrade - Spotlight Village

10:15 - 10:45 Beethoven - The Hub

Residual cardiovascular risk after an acute coronary syndrome: identifying, stratifying and managing patients at long term risk of atherothrombotic cardiovascular events

Sponsored by AstraZeneca

Please refer to the Satellite Symposium session scheduled on Sunday 26 August, 13:00-14:00 in Ankara - Spotlight Village

16:00 - 16:30 Beethoven - The Hub

Targeting SGLT2 in clinical cardiology: discussing the benefits in cardiovascular risk, diabetes & heart failure

Organised by PACE-CME, Physicians' Academy for Cardiovascular Education, supported with an educational grant from Boehringer Ingelheim/Lilly
Please refer to the Satellite Symposium session scheduled on Monday 27 August, 13:00-14:00 in Bern - Village 1

10:15 - 10:45 Brahms - The Hub

Atrial fibrillation patients who develop acute coronary syndrome: Is there a role for aspirin?

Sponsored by Bristol-Myers Squibb and Pfizer Alliance
Please refer to the Satellite Symposium session scheduled on Sunday 26 August, 18:15-19:45 in Baku - Village 5

16:00 - 16:30 Brahms - The Hub

Optimising cardiovascular outcomes with PCSK9 inhibitors: start now before a potential next MI or stroke!

Sponsored by Amgen Europe GmbH

Please refer to the Satellite Symposium session scheduled on Sunday 26 August, 13:00-14:00 in Bratislava - Village 2

SATELLITE SYMPOSIA - EXPERTS ON THE SPOT

MONDAY 27 AUGUST

10:15 - 10:45 Haendel - The Hub

Rivaroxaban in cardiovascular protection: getting to the heart of the matter

Sponsored by Bayer AG

Please refer to the Satellite Symposium session scheduled on Sunday 26 August, 13:00-14:00 in Baku - Village 5

16:00 - 16:30 Haendel - The Hub

Dilemmas in heart failure management: what do the experts say?

Organised by Medscape Education, supported with an educational grant by Novartis Pharma AG

Please refer to the Satellite Symposium session scheduled on Monday 27 August, 13:00-14:00 in Ankara - Spotlight Village

10:15 - 10:45 Schumann - The Hub

Oral Anticoagulation in atrial fibrillation - translating clinical trial data into daily practice

Sponsored by Daiichi Sankyo Europe GmbH

Please refer to the Satellite Symposium session scheduled on Sunday 26 August, 13:00-14:00 in Bern - Village 1

16:00 - 16:30 Schumann - The Hub

NOACs and reversal: let's discuss our clinical experience

Sponsored by Boehringer Ingelheim

Please refer to the Satellite Symposium session scheduled on Monday 27 August, 13:00-14:00 in Kiev - Village 6

SATELLITE SYMPOSIA - EXPERTS ON THE SPOT

TUESDAY 28 AUGUST

10:15 - 10:45 Bach - The Hub

Setting the COMPASS into new directions: Reducing risk in coronary artery disease and peripheral artery disease

Sponsored by Bayer AG

Please refer to the Satellite Symposium session scheduled on Monday 27 August, 13:00-14:00 in Baku - Village 5

16:00 - 16:30 Bach - The Hub

New directions in antithrombotic management of high risk in patients

Sponsored by Bayer AG

Please refer to the Satellite Symposium session scheduled on Tuesday 28 August, 13:00-14:00 in Baku - Village 5

10:15 - 10:45 Beethoven - The Hub

Anticoagulation and cancer: will recent evidence change the clinical practice?

Sponsored by Daiichi Sankyo Europe GmbH

Please refer to the Satellite Symposium session scheduled on Monday 27 August, 13:00-14:00 in Algiers - Village 3

16:00 - 16:30 Beethoven - The Hub

From guidelines to real life practices in lipid management: how to empower patients for better treatment adherence

Sponsored by Sanofi and Regeneron

Please refer to the Satellite Symposium session scheduled on Monday 27 August, 18:15-19:45 in Baku - Village 5

10:15 - 10:45 Brahms - The Hub

Practical tips to improve anticoagulation management in atrial fibrillation

Sponsored by Bristol-Myers Squibb and Pfizer Alliance

Please refer to the Satellite Symposium session scheduled on Monday 27 August, 13:00-14:00 in Bratislava - Village 2

16:00 - 16:30 Brahms - The Hub

LDL-cholesterol and secondary prevention of atherosclerotic disease - When less is definitely more!

Sponsored by Amgen Europe GmbH

Please refer to the Satellite Symposium session scheduled on Tuesday 28 August, 13:00-14:00 in Ankara - Spotlight Village

SATELLITE SYMPOSIA - EXPERTS ON THE SPOT

TUESDAY 28 AUGUST

10:15 - 10:45 Haendel - The Hub

The future of SGLT2 Inhibitor Cardiovascular Outcomes trials: what are we hoping to learn?

Sponsored by MSD

Please refer to the Satellite Symposium session scheduled on Monday 27 August, 13:00-14:00 in Stockholm - Village 1

13:00 - 13:45 Haendel - The Hub

Outcomes of GLP-1 RA in diabetes and cardiovascular disease - Discussing the key opportunities for cardiology practice?

Organised by PACE-CME, Physicians' Academy for Cardiovascular Education, supported with an educational grant from Novo Nordisk

Please refer to the Satellite Symposium scheduled on Monday 27 August, 13:00-14:00 in Copenhagen - Village 2

16:00 - 16:30 Haendel - The Hub

New dimensions in the management of cardiovascular disease in type 2 diabetes

Sponsored by Novo Nordisk A/S

Please refer to the Satellite Symposium session scheduled on Saturday 25 August, 15:30-16:30 in Stockholm - Village 1

10:15 - 10:45 Schumann - The Hub

From ODYSSEY OUTCOMES results to clinical practice: Identifying patients who benefit most from PCSK9 inhibition

Sponsored by Sanofi and Regeneron

Please refer to the Satellite Symposium session scheduled on Monday 27 August, 18:15-19:45 in Baku - Village 5

16:00 - 16:30 Schumann - The Hub

Preventing PE & DVT in heart failure and other medically ill patients: an innovative action plan

Organised by Medscape Education, supported with an educational grant by Portola & NATF

Please refer to the Satellite Symposium session scheduled on Monday 27 August, 13:00-14:00 in Madrid - Village 6



PRACTICAL TUTORIALS



Registrations are recommended at the sponsor booth or in front of the rooms.

Pfizer

Practical
Tutorials 1

Pfizer

Sunday 26 August	11:00-11:45	How to approach anticoagulation in patients with atrial fibrillation and a low CHA2DS2-VASc score
	11:45-12:30	How to approach anticoagulation in patients with atrial fibrillation and renal impairment
	13:15-14:00	How to approach anticoagulation in patients with sub-clinical atrial fibrillation
	16:00-16:45	How to approach anticoagulation in patients with atrial fibrillation and a prior stroke
	17:00-17:45	How to approach anticoagulation in frail patients with atrial fibrillation
Monday 27 August	11:00-11:45	How to approach anticoagulation in patients with symptomatic atrial fibrillation
	11:45-12:30	How to approach anticoagulation in patients with atrial fibrillation undergoing cardioversion
	16:00-16:45	How to approach anticoagulation in patients with atrial fibrillation at high bleeding risk: Asian perspective
	17:00-17:45	How to approach anticoagulation in elderly patients with atrial fibrillation

PRACTICAL TUTORIALS



Registrations are recommended at the sponsor booth or in front of the rooms.

Philips

Practical Tutorials 2

Philips

Sunday 26 August

9:00-10:00	Improving the work in the Cath Lab - Fusion imaging and anatomical modelling on cart of an echo system
10:30-11:30	Is echo ready for the comprehensive analysis of the left heart chambers?
12:00-12:30	Echo, CT and MR workflows in the cardiovascular image and information management solution
14:00-15:00	Echo, CT and MR workflows in the cardiovascular image and information management solution
15:30-16:30	Is echo ready for the comprehensive analysis of the left heart chambers?
17:00-18:00	Improving the work in the Cath Lab - Fusion imaging and anatomical modelling on cart of an echo system

Monday 27 August

09:00-10:00	Revealing new insights through electronic plane rotation and adjustable multiplane imaging
10:30-11:30	Revealing new insights through electronic plane rotation and adjustable multiplane imaging
12:00-13:00	Photorealistic visualization - The heart like you've never seen it before
14:00-15:00	Photorealistic visualization - The heart like you've never seen it before
15:30-16:30	Is echo ready for the comprehensive analysis of the left heart chambers?
17:00-18:00	Improving the work in the Cath Lab - Fusion imaging and anatomical modelling on cart of an echo system

Tuesday 28 August

09:00-10:00	Revealing new insights through electronic plane rotation and adjustable multiplane imaging
10:30-11:30	Is echo ready for the comprehensive analysis of the left heart chambers?
12:00-13:00	Photorealistic visualization - The heart like you've never seen it before
14:00-15:00	Photorealistic visualization - The heart like you've never seen it before
15:30-16:30	How to measure global longitudinal strain in clinical routine
17:00-18:00	How to measure global longitudinal strain in clinical routine

PRACTICAL TUTORIALS



Registrations are recommended at the sponsor booth or in front of the rooms.

Siemens Healthineers

**Practical
Tutorials 3****Siemens Healthineers**

Saturday 25 August 10:00 - 17:00 Innovations along the clinical pathway

Sunday 26 August 10:00 - 17:00 Innovations along the clinical pathway

Monday 27 August 10:00 - 17:00 Innovations along the clinical pathway

Tuesday 28 August 10:00 - 17:00 Innovations along the clinical pathway

PRACTICAL TUTORIALS



Registrations are recommended at the sponsor booth or in front of the rooms.

Practical Tutorials 4

Siemens Healthineers

Saturday 25 August

10:00-11:30

Spectral cardiac CT imaging

12:00-13:30

Assessing anatomy and measuring volumes and flow accurately, quickly and reproducibly by 3D echocardiography

14:00-15:30

Cardiac CT for guiding minimal invasive interventions in heart disease

16:00-17:00

Artificial Intelligence technology for TTE and TEE to deliver measurement reproducibility and accelerate workflow

Sunday 26 August

10:00-11:30

Cardiac CT for guiding minimal invasive interventions in heart disease

12:00-13:30

Assessing anatomy and measuring volumes and flow accurately, quickly and reproducibly by 3D echocardiography

14:00-15:30

Cardiac magnetic resonance imaging in ischemic heart disease

16:00-17:00

Cardiac MR powered by Cloud and Artificial Intelligence (AI) to accelerate clinical workflow

Monday 27 August

10:00-11:30

Assessing anatomy and measuring volumes and flow accurately, quickly and reproducibly by 3D echocardiography

12:00-13:30

Coronary CT angiography - indication, examination and interpretation

14:00-15:30

Cardiac magnetic resonance imaging in cardiomyopathies

16:00-17:00

Turning complex data into actionable data through a Cardiology dashboard

Tuesday 28 August

10:00-11:30

Coronary CT angiography - indication, examination and interpretation

12:00-13:30

Cardiac magnetic resonance imaging in ischemic heart disease

14:00-15:30

Artificial Intelligence technology for TTE and TEE to deliver measurement reproducibility and accelerate workflow

PRACTICAL TUTORIALS



Registrations are recommended at the sponsor booth or in front of the rooms.

Canon

**Practical
Tutorials 5****Canon****Saturday 25
August****13:00-14:00**

CT Myocardial Perfusion in clinical practice

14:00-15:00

Assessment of cardiac function by echocardiography in oncology

**Sunday 26
August****11:30-12:30**

CT myocardial perfusion in clinical practice

13:00-14:00

CT-FFR case review

14:30-15:30

2D and 3D wall motion tracking in clinical practice

**Monday 27
August****11:30-12:30**

CT-FFR case review

13:00-14:00

Cardiac remodelling in athletes

15:00-16:00

Fusion 3D ultrasound wall motion tracking and coronary CT

**Tuesday 28
August****10:00-11:00**

Dedicated workflow for CT TAVI planning

11:30-12:30**14:00-15:00**

Cardiac function in athletes

PRACTICAL TUTORIALS



Registrations are recommended at the sponsor booth or in front of the rooms.

Orion Pharma

Practical Tutorials 6

Orion Pharma

Sunday 26 August

10:00-10:30

Inotropes in acute heart failure: from guidelines to practical use - Guidelines and patient characteristics

10:30-11:00

Inotropes in acute heart failure: from guidelines to practical use - Therapeutic options and clinical practice

11:30-12:00

Acute heart failure related to acute coronary syndromes: is there a role for inodilators? - Patient characteristics

12:00-12:30

Acute heart failure related to acute coronary syndromes: is there a role for inodilators? - Therapeutic options and clinical practice

13:00-13:30

Inodilators and renal function: How to avoid kidney dysfunction in acute heart failure? - Cardio-renal syndrome

13:30-14:00

Inodilators and renal function: How to avoid kidney dysfunction in acute heart failure? - Therapeutic options and clinical practice

14:30-15:00

Inotropes or inodilators in HFrEF: what to use, on whom, when and how? - What is available?

15:00-15:30

Inotropes or inodilators in HFrEF: what to use, on whom, when and how? - Therapeutic options and clinical practice

16:00-16:30

Repetitive use of Inodilators in advanced heart failure - Patient characteristics

16:30-17:00

Repetitive use of Inodilators in advanced heart failure - Therapeutic options and clinical practice

Monday 27 August

10:00-10:30

Inotropes in acute heart failure: from guidelines to practical use - Guidelines and patient characteristics

PRACTICAL TUTORIALS



Registrations are recommended at the sponsor booth or in front of the rooms.

Orion Pharma

Practical Tutorials 6

Orion Pharma

Monday 27 August

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Inotropes in acute heart failure: from guidelines to practical use - Therapeutic options and clinical practice

PRACTICAL TUTORIALS



Registrations are recommended at the sponsor booth or in front of the rooms.

Orion Pharma

Practical Tutorials 6

Orion Pharma

Tuesday 28 August

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Repetitive use of Inodilators in advanced heart failure - Patient characteristics

16:30-17:00

Repetitive use of Inodilators in advanced heart failure - Therapeutic options and clinical practice

PRACTICAL TUTORIALS



Registrations are recommended at the sponsor booth or in front of the rooms.

ResMed

Practical
Tutorials 7

ResMed

Sunday 26
August

10:00-11:00

The diagnosis of sleep apnoea, why should cardiologists do it ?

15:00-16:00

Sleep apnoea, what happens after the diagnosis? What are the therapy options?

Monday 27
August

10:00-11:00

Sleep apnoea, what happens after the diagnosis? What are the therapeutic options?

15:00-16:00

The diagnosis of sleep apnoea, why cardiologists should do it?

Why are we not achieving guideline-recommended RAASi doses in heart failure?

- Dr Gunther's dilemma

Saturday, 25th August 2018

15:30–16:30

Centre Stage – The Hub

THIS IS AN ASTRAZENECA SATELLITE SYMPOSIUM

TREAT

↑K⁺?

**CHANGE
RAASi
dose?**

**DO
NOTHING?**

By the end of this Satellite Symposium, participants will understand:

- Hyperkalaemia is a barrier to effective management of HF and can occur in up to ~30% of these patients¹
- A common treatment response to hyperkalaemia is to adjust RAASi therapy, which could result in ~60% of patients with HF receiving submaximal doses,² and may lead to poor outcomes
- What features of a novel K⁺ binder are important to consider when managing hyperkalaemia in patients receiving life-saving RAASi therapy

CKD, chronic kidney disease; HF, heart failure; RAASi, renin-angiotensin-aldosterone system inhibitor

1. Vardeny O, et al. *Circ Heart Fail* 2014;7:573–579;

2. Epstein M, et al. *Am J Manag Care* 2015;21(Suppl 11): S212–S220

Duration	Session title	Presenter
15:30–15:40	Chair's introduction: Let's meet Dr Gunther	Prof. Andrew Coats (UK/Australia)
15:40–15:55	Dr Gunther's approach to HF management: Does he need to worry about achieving guideline-recommended RAASi doses?	Prof. Andrew Coats (UK/Australia)
15:55–16:20	Which features of a novel K ⁺ binder should Dr Gunther consider when managing hyperkalaemia in his patients?	Prof. Mikhail Kosiborod (USA) and Assoc. Prof. David Packham (Australia)
16:20–16:30	Overcoming barriers to optimal management of HF and CKD (Panel discussion)	All faculty



This programme is accredited by the European Board for Accreditation in Cardiology (EBAC) for 1 hour of external CME credit (s). Each participant should claim only those hours of credit that have actually been spent in the educational activity.



Organised by:
**Academic Medical
Center, Amsterdam**
Course Director:
Prof John JP Kastelein

EBAC ACCREDITED SATELLITE SYMPOSIUM TO BE HELD DURING ESC CONGRESS 2018, MUNICH, GERMANY

PCSK9 inhibition: Science, outcomes & guidance



SATURDAY, AUGUST 25, 2018, 15:30 – 16:30 HRS, BRAHMS - THE HUB

In co-operation with



Physicians' Academy
for Cardiovascular Education

Supported by educational grants from Amgen and Sanofi-Regeneron.
The scientific programme has not been influenced in any way by its sponsors.

"In compliance with EBAC guidelines, all speakers/chairpersons participating in this programme have disclosed or indicated potential conflicts of interest which might cause a bias in the presentations. The Organising Committee/ Course Director is responsible for ensuring that all potential conflicts of interest relevant to the event are declared to the audience prior to the CME activities."

SANOFI  **REGENERON**

AMGEN

EBAC Accredited Satellite Symposium to be held during ESC Congress 2018, Munich, Germany

PCSK9 inhibition: Science, outcomes & guidance

SATURDAY, AUGUST 25, 2018, 15:30 – 16:30 HRS • BRAHMS - THE HUB

AGENDA

15:30 – 15:35 **Introduction**

John JP Kastelein, MD – *Amsterdam, The Netherlands*

Philip Barter, MD – *Sydney, Australia*

15:35 – 15:50 **PCSK9 as target for treatment: The genetic validation**

Brian Ference, MD – *Cambridge, United Kingdom*

15:50 – 16:10 **Novel PCSK9 outcomes in perspective: Lessons from FOURIER & ODYSSEY**

Jennifer Robinson, MD - *Iowa, USA*

16:10 – 16:25 **Targeting PCSK9 in clinical practice: Guidance & future**

John JP Kastelein, MD - *Amsterdam, The Netherlands*

16:25 – 16:30 **Discussion & summary**

Educational objectives:

- Understand the unmet need for additional LDL-C-lowering therapies beyond current optimal statin-based therapy as a strategy for addressing lipid-related CV risk in patients at increased CV risk and with FH
- Understand the mechanisms and potential applications of emerging therapies to lower LDL through novel approaches that can be used in combination with statin therapy
- Describe the potential impact of PCSK9-based therapies in development in patients who require additional LDL-C reduction
- Explore treatment options in a statin-intolerant high risk patient in order to reach LDL-C goal
- Compare and evaluate evidence from recent clinical trials of novel agents in clinical development and assess their impact on lipids and cardiovascular risk

YOU are invited to the Novo Nordisk Satellite Symposium

Joining clinical practices:

*cardiovascular disease
and type 2 diabetes*

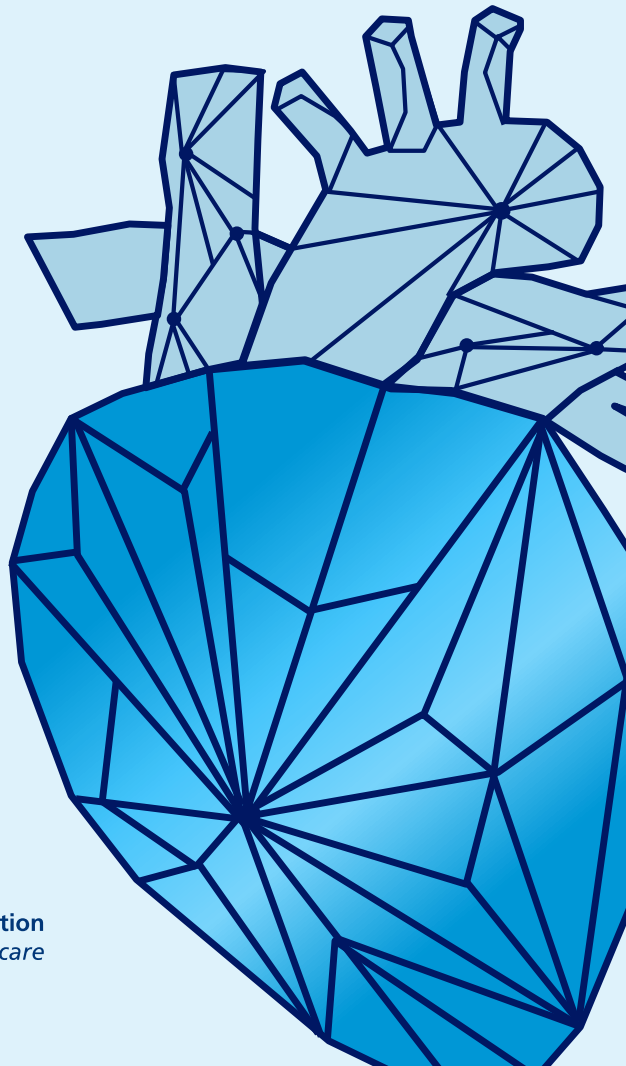
Saturday 25 August 2018

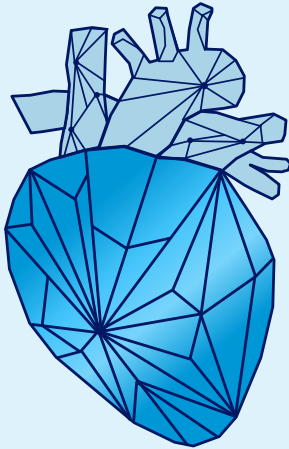
15.30–16.30

Stockholm Village 1

WE HOPE TO SEE YOU THERE!

Building collaboration
to create new dimensions in patient care





Building collaboration

to create new dimensions in patient care

**Novo Nordisk is a
leader in diabetes care**

Please visit us at **booth B700**
in the exhibition area to hear more





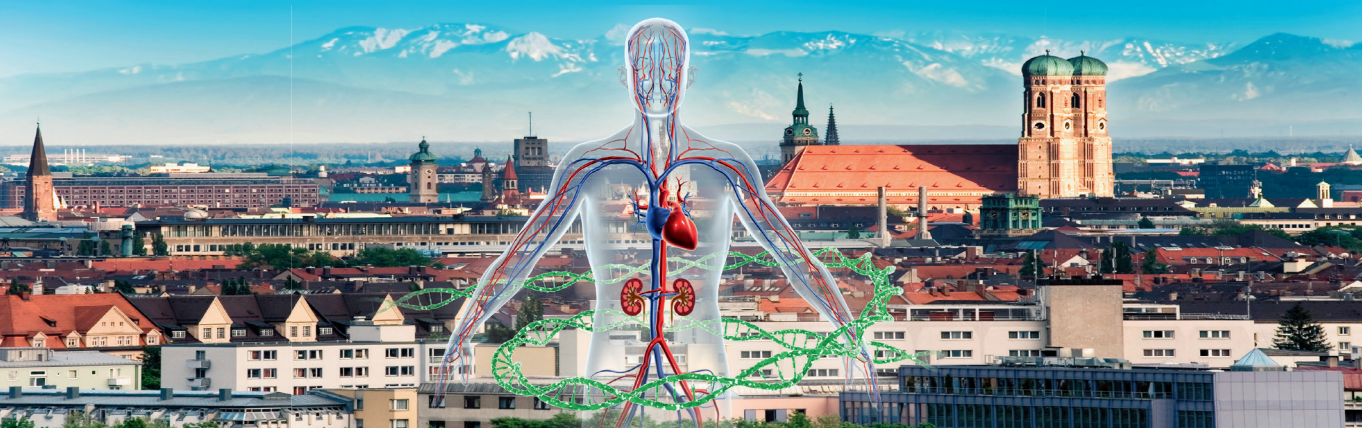
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Organised by:
**Academic Medical
Center, Amsterdam**
Course Director:
Prof John JP Kastelein

EBAC ACCREDITED SATELLITE SYMPOSIUM TO BE HELD DURING ESC CONGRESS 2018, MUNICH, GERMANY

LDL-c: Done deal, next epigenetics?



SATURDAY, AUGUST 25, 2018 • 15:30 – 16:30 HRS, BRUSSELS - VILLAGE 4

In co-operation with



Physicians' Academy
for Cardiovascular Education

Supported by an educational grant from Resverlogix.

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LDL-c: Done deal, next epigenetics?

SATURDAY, AUGUST 25, 2018, 15:30 – 16:30 HRS • BRUSSELS - VILLAGE 4

AGENDA

Co-chairmen

Kausik Ray, MD – *London, United Kingdom*

Ulrich Laufs, MD – *Leipzig, Germany*

15:30 – 15:35

Introduction

Ulrich Laufs, MD – *Leipzig, Germany*

15:35 – 15:50

The real residual risk in patients with CVD & diabetes: The promise of epigenetics

Erik Stroes, MD – *Amsterdam, The Netherlands*

15:50 – 16:10

Understanding epigenetics: The potential rationale for BET inhibition in management of CVD

Jorge Plutzky, MD – *Boston, USA*

16:10 – 16:25

A clinical view on BET inhibition in targeting residual risk in CVD and diabetes

Kausik Ray, MD

16:25 – 16:30

Discussion & summary

Kausik Ray, MD

Ulrich Laufs, MD

Educational objectives:

- To summarise the epidemiology and pathophysiology of patients at high cardiovascular risk with diabetes
- To understand the origin of the high residual cardiovascular risk in patients with diabetes and CVD
- To review how BET inhibition affects gene expression via epigenetic mechanisms, as a novel strategy to improve outcomes in CVD
- To update and review current clinical research programmes evaluating the role of epigenetic regulation of gene expression in CVD management

JOIN US

**Ambulatory Blood
Pressure Monitoring:**
A clinical tool for
hypertension diagnosis,
risk assessment, and
therapy evaluation



Satellite Symposium — Experts on the Spot
Sponsored by Medtronic

Medtronic
Further, Together

Session highlights:

- Understand the value of ABPM as a clinical tool for both diagnosis and evaluation of therapeutic intervention
- Understand the diurnal variation in blood pressure and the temporal association with cardiovascular risk
- Understand how drugs and novel therapies can impact diurnal patterns of hypertension

Saturday, 25 August
12:45-13:15
Schumann — The Hub

Chairperson

Raymond Townsend

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06/2018

AGENDA

12:45

Introduction and Goals

Raymond Townsend

12:50

Blood Pressure Variability and Cardiovascular Risk. Focus on Diurnal Changes.

Gianfranco Parati

13:00

Impact of Novel Therapies and Drugs on Diurnal Patterns of Hypertension

Kazuomi Kario

13:10

Summary and Audience Discussion

Raymond Townsend



This programme is accredited by the European Board for Accreditation in Cardiology (EBAC) for "2" hour(s) of external CME credit(s). Each participant should claim only those hours of credit that have been spent in the educational activity.

Organised by: University Hospital of Umeå, Sweden
Course Director: Ulf Näsland, Professor of Cardiology



EBAC ACCREDITED SATELLITE SYMPOSIUM HELD DURING THE ESC CONGRESS 2018

This is an EBAC Accredited Satellite Symposium including two interactive EBAC Accredited Satellite Symposia – Experts on the Spot sessions. Participants attending all three sessions will be entitled to receive 2 CME credits and those attending any combination of two sessions or the main session will be entitled to receive 1 CME credit.

Residual Cardiovascular Risk after an Acute Coronary Syndrome:

Identifying, Stratifying and Managing Patients at Long Term Risk of Atherothrombotic Cardiovascular Events

Sunday 26th August | 13.00 – 14.00 | Ankara – Spotlight Village

Chairpersons

Stefan James | Sweden

Dominick Angiolillo | US

Faculty

Stephen Nicholls | Australia

Marc Bonaca | US

SATELLITE SYMPOSIUM - EXPERTS ON THE SPOT:

Join the Professors for further discussion and debate at Beethoven - The Hub

Dominick Angiolillo with Marc Bonaca

Sunday 26th August | 16.00 – 16.30

Stephen Nicholls with Stefan James

Monday 27th August | 10.15 – 10.45

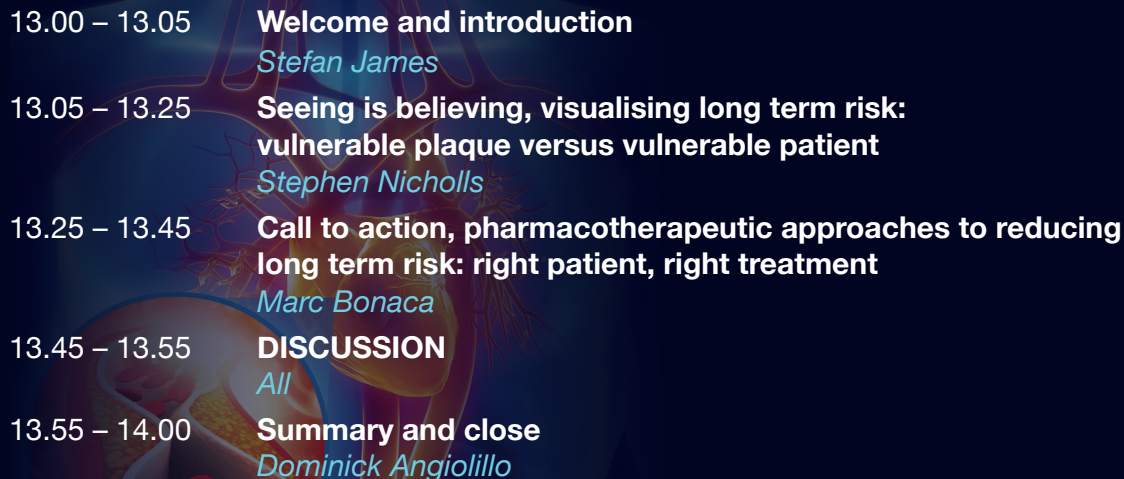
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PROGRAMME

Sunday **26th August** | **13.00 – 14.00** | Ankara – Spotlight Village

- 
- 13.00 – 13.05 **Welcome and introduction**
Stefan James
- 13.05 – 13.25 **Seeing is believing, visualising long term risk:
vulnerable plaque versus vulnerable patient**
Stephen Nicholls
- 13.25 – 13.45 **Call to action, pharmacotherapeutic approaches to reducing
long term risk: right patient, right treatment**
Marc Bonaca
- 13.45 – 13.55 **DISCUSSION**
All
- 13.55 – 14.00 **Summary and close**
Dominick Angiolillo

LEARNING OBJECTIVES

- To review the aetiology and prevalence of enduring cardiovascular risk in patients with established atherothrombotic disease
- To explore novel intra- and extra-coronary approaches to imaging and evaluating the vulnerable atherosclerotic plaque and their utility in stratifying risk of future events
- To review controversies in selecting optimal duration of dual antiplatelet therapy in patients with coronary artery disease: balancing the risk of ischaemic and bleeding events

**Join us
for an engaging
discussion!**

**Satellite Symposium
– Experts on the spot**

*GLP-1RAs and changing
paradigms in clinical practice*

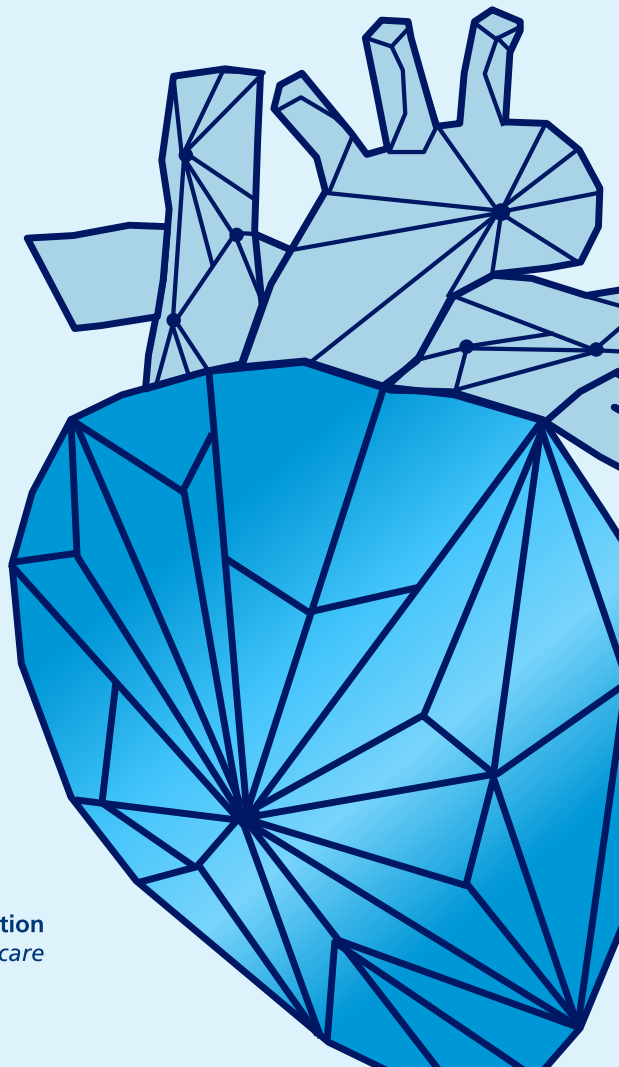
Sunday 26 August 2018

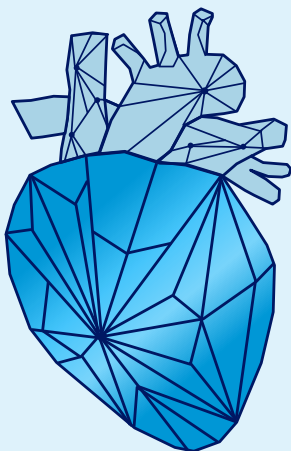
13.00–13.45

Haendel – The Hub

WE HOPE TO SEE YOU THERE!

**Building collaboration
to create new dimensions in patient care**





Building collaboration

to create new dimensions in patient care

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leader in diabetes care**

Please visit us at **booth B700**
in the exhibition area to hear more



Please Join Us For The Edwards Lifesciences Satellite Symposium:

Current Minimally Invasive Treatment Modalities for Heart Valve Disease: What Is Next?

Sunday, 26 August 2018

13:00 - 14:00

Lecture Room: Schumann - The Hub

-
- Introduction and Learning Objectives, **Martine Gilard**
 - The Burden of Structural Heart Valve Diseases
*Incidence, Prevalence, Treatment Pathways, and Quality of Care in the EU, **Bernard Prendergast***
 - What Are Current and Future Treatment Modalities? A Tailored Approach
*Aortic Stenosis, **Helge Möllmann***
*Mitral Regurgitation, **Azeem Latib***
*Tricuspid Regurgitation, **Gilles Dreyfus***
 - Key Session Takeaways, **Martine Gilard**

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ACTELION SATELLITE SYMPOSIUM

SUNDAY, 26 AUGUST 2018, 13:00 – 14:00, ROOM ALGIERS – VILLAGE 3

**Achieve more in PAH –
Translating insights into patient benefits, Volume 1**

18009333_ESC_INDUSTRY PROGRAMME_06.2018



ESC Congress 2018, Munich, Germany



Visit the ACTELION BOOTH D700 (Exhibition 2)

to learn more about PAH and to download the Satellite Symposia key slides

SUNDAY, 26 AUGUST 2018, 13:00 – 14:00, ROOM ALGIERS – VILLAGE 3

Achieve more in PAH – Translating insights into patient benefits, Volume 1

Co-Chairs

Marius M. Hoeper, Irene Lang

13:00 – 13:05

Introduction

Irene Lang

13:05 – 13:25

**Diagnosis and treatment challenges –
Get it right from the start**

Nazzareno Galiè

13:25 – 13:45

Differential diagnosis in practice – A patient case

Jean-Luc Vachiéry

13:45 – 13:55

Panel discussion

13:55 – 14:00

Closing remarks

Marius M. Hoeper

Lunch will be available inside the lecture room



New Concepts in Vascular Protection

Exploring the Role of
Antithrombotic Therapy

SUNDAY, 26 AUGUST, 2018
13:00 – 14:00

MESSE MÜNCHEN
MESSEGELEND, 81823
MUNICH, GERMANY

LUNCH SATELLITE SYMPOSIUM
ROOM: MADRID – VILLAGE 6

*A panel of international experts, led by
Dr. Keith Fox, discuss the latest clinical data on
the expanding uses of NOACs, specifically the
factor Xa inhibitors, in arterial disease, including
coronary artery disease and heart failure.*

Medscape
EDUCATION

Supported by Bayer AG

CHAIR



**Keith A.A. Fox, MBChB, FRCP,
FMedSci**
Moderator
Professor of Cardiology
University of Edinburgh
Edinburgh, United Kingdom

FACULTY



John W.A. Eikelboom, MBBS, MSc
Associate Professor
Division of Hematology and
Thromboembolism
Department of Medicine
McMaster University
Hamilton, Ontario, Canada



Faiez Zannad, MD, PhD
Professor
Université de Lorraine
Nancy, France

www.medscape.org/townhall/vascular-protection-registration

AGENDA

13:00 – 13:05

Welcome and Introductions

Keith A.A. Fox, MBChB, FRCP, FMedSci

13:05 – 13:20

The Emerging Concept of Vascular Protection: Exploring the Role of Factor Xa Inhibitors

Keith A.A. Fox, MBChB, FRCP, FMedSci

13:20 – 13:35

Arterial Disease and Cardiovascular Health: Assessing the Totality of NOAC Data

John W.A. Eikelboom, MBBS, MSc

13:35 – 13:50

New Paradigms in Vascular Protection: Exploring Heart Failure and CAD

Faiez Zannad, MD, PhD

13:50 – 14:00

Panel Discussion and Q & A

Keith A.A. Fox, MBChB, FRCP, FMedSci

TARGET AUDIENCE

This activity is intended for cardiologists, primary care physicians, and other healthcare professionals who treat patients with or at risk for arterial disease.

LEARNING OBJECTIVES

Upon completion of this activity, participants will

Have increased knowledge regarding the

- Role of factor Xa inhibition in vascular protection
- Clinical data supporting the use of factor Xa inhibitors in coronary artery disease (CAD) and peripheral artery disease (PAD)
- Latest data on the role of factor Xa inhibitors in the setting of heart failure and CAD

Have greater competence related to

- Tailoring antithrombotic therapy for patients with stable vascular disease to reduce risk of recurrence

ACCREDITATION STATEMENT

In support of improving patient care, Medscape, LLC is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

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Held at the
ESC Congress 2018

SATELLITE SYMPOSIUM

THERAPEUTIC DILEMMAS IN HF

THE EXPERTS DEBATE

MONDAY, AUGUST 27, 2018 13:00 – 14:00, ANKARA – SPOTLIGHT VILLAGE, ESC CONGRESS 2018

MODERATORS



Frank Ruschitzka, MD



Mariell Jessup, MD

FACULTY



Carolyn S.P. Lam, MBBS, PhD



Burkert Pieske, MD



Scott D. Solomon, MD

Medscape[®]
LIVE!

Supported by independent funding from

 **NOVARTIS**

AGENDA

13:00-13:05

INTRODUCTION

Frank Ruschitzka, MD – Co-Moderator

13:05-13:23

CASE 1 - IS HFpEF REAL?

Mariell Jessup, MD – Co-Moderator

Carolyn S.P. Lam, MBBS, PhD

Scott D. Solomon, MD

13:23-13:31

QUESTION & ANSWER

Frank Ruschitzka, MD – Co-Moderator

13:31-13:49

***CASE 2 - I DON'T NEED TO ESCALATE
THERAPY WHEN MY HFpEF PATIENTS
ARE STABLE!***

Frank Ruschitzka, MD – Co-Moderator

Mariell Jessup, MD

Burkert Pieske, MD

13:49-13:58

QUESTION & ANSWER

Mariell Jessup, MD – Co-Moderator

13:58-14:00

CONCLUSION

Mariell Jessup, MD – Co-Moderator

EBAC ACCREDITED SATELLITE SYMPOSIUM HELD DURING THE ESC CONGRESS 2018

SGLT2 inhibition and heart failure

A DIFFERENT WAY OF THINKING?

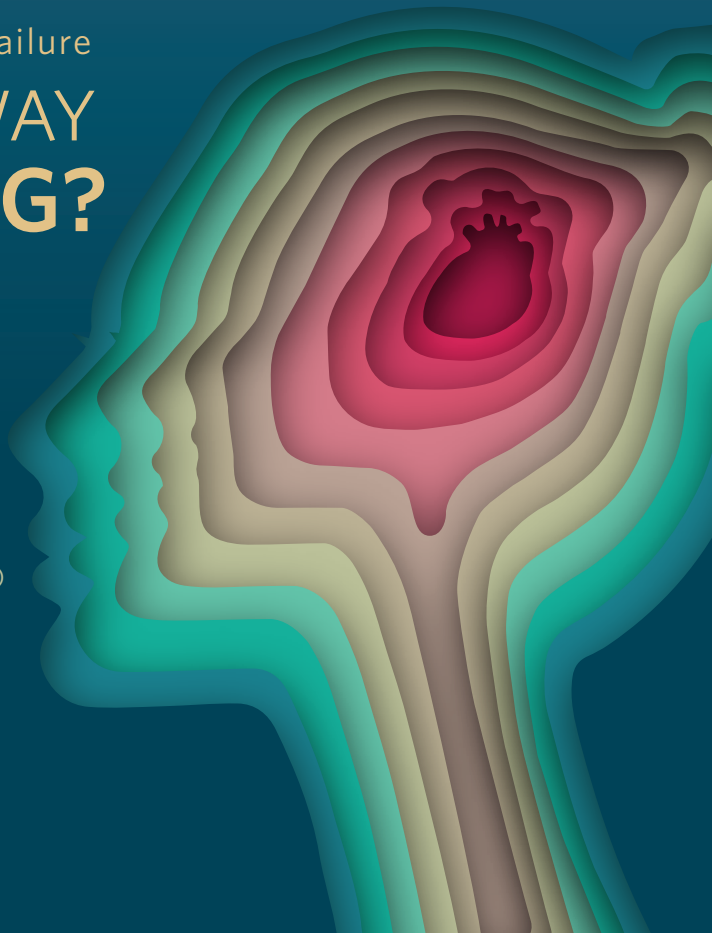
Monday, 27th August 2018
13:00-14:00

Centre Stage - The Hub

Faculty:

Professor Adriaan Voors, Netherlands (Chair)
Dr Matthew Cavender, USA
Professor Theresa McDonagh, UK

Lunch will be provided.
Supported by an educational grant from AstraZeneca.



EBAC ACCREDITED SATELLITE SYMPOSIUM HELD DURING THE ESC CONGRESS 2018

SGLT2 inhibition and heart failure

A DIFFERENT WAY OF THINKING?

**This educational event aims
to help delegates understand:**

- The current unmet needs in the context of heart failure treatment
- The data from CVOTs with SGLT2 inhibitors, including EMPA-REG, CANVAS and DECLARE
- RWE methodology in comparison with RCTs
- The ongoing mechanistic studies with SGLT2 inhibitors which aim to uncover how this drug class affects cardiovascular outcomes

Supported by an educational
grant from AstraZeneca.

DURATION	SESSION	SPEAKER
13:00-13:05	Heart failure: The way things are	Professor Adriaan Voors, Netherlands (Chair)
13:05-13:15	Paving the way forward: Learnings from RCTs	Professor Theresa McDonagh, UK
13:15-13:25	The ways of the (real) world	Dr Matthew Cavender, USA
13:25-13:35	Two ways to go	Dr Matthew Cavender, USA and Professor Theresa McDonagh, UK
13:35-13:45	Uncovering the way things work	Professor Adriaan Voors, Netherlands
13:45-14:00	Which is the way for you?	All faculty

Come meet our experts!

Satellite Symposium – Experts on the spot

*New dimensions in the
management of cardiovascular
disease in type 2 diabetes*

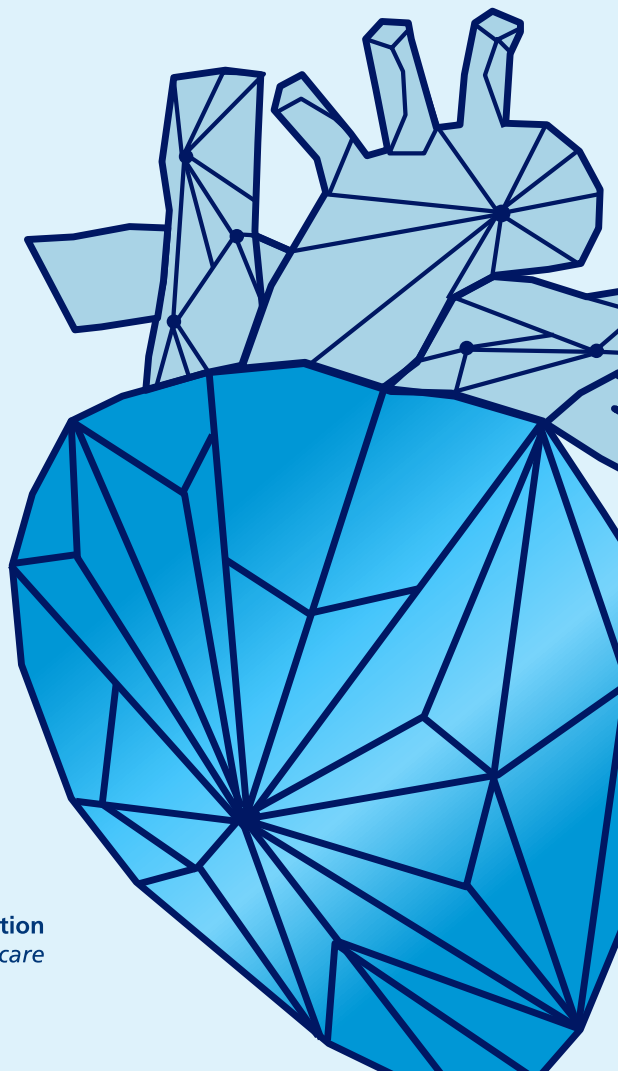
Tuesday 28 August 2018

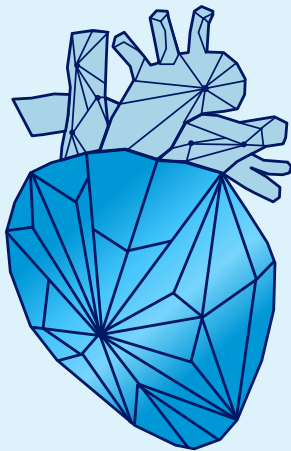
16.00–16.30

Haendel – The Hub

WE HOPE TO SEE YOU THERE!

Building collaboration
to create new dimensions in patient care





Building collaboration

to create new dimensions in patient care

**Novo Nordisk is a
leader in diabetes care**

Please visit us at **booth B700**
in the exhibition area to hear more





This programme is accredited by the European Board for Accreditation in Cardiology (EBAC) for 1 hour of external CME credit (s). Each participant should claim only those hours of credit that have actually been spent in the educational activity.



Organised by:
**Academic Medical
Center, Amsterdam**
Course Director:
Prof John JP Kastelein

EBAC ACCREDITED SATELLITE SYMPOSIUM TO BE HELD DURING ESC CONGRESS 2018, MUNICH, GERMANY

Targeting SGLT2 in clinical cardiology: Exploring the benefits in CV risk, diabetes & heart failure

**Don't miss the
complementary 'Satellite
Symposium - Experts on the
Spot' session on Monday,
August 27, 2018 16:00 – 16:30
hrs – Beethoven - The Hub**

**Lunch
will be
provided**

MONDAY, AUGUST 27, 2018, 13:00 – 14:00 HRS, BERN - VILLAGE 1

In co-operation with



Physicians' Academy
for Cardiovascular Education

Supported by an educational grant from Boehringer Ingelheim/Lilly.
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**Boehringer
Ingelheim**



EBAC Accredited Satellite Symposium to be held during ESC Congress 2018, Munich, Germany

Targeting SGLT2 in clinical cardiology: Exploring the benefits in CV risk, diabetes & heart failure

MONDAY, AUGUST 27, 2018, 13:00 – 14:00 HRS • BERN - VILLAGE 1

AGENDA

13:00 – 13:05 **Introduction**

Francesco Cosentino, MD – *Stockholm, Sweden*

13:05 – 13:20 **SGLT2 inhibition in cardiology: What is the profile of benefit?**

Nikolaus Marx, MD – *Aachen, Germany*

13:20 – 13:35 **Changing focus in diabetes: From glucose to CV risk management**

Stephan Jacob, MD – *Villingen - Schwenningen, Germany*

13:35 – 13:55 **Heart failure & SGLT2: With or without diabetes?**

John McMurray, MD – *Glasgow, United Kingdom*

13:55 – 14:00 **Panel discussion**

Educational objectives:

- Summarise the epidemiology and pathophysiology of patients at increased cardiovascular risk and diabetes
- Describe the effect of multiple interventions that currently are deployed for T2DM on cardiovascular safety and the currently unmet need on impacting cardiovascular outcomes
- To explore mechanisms and common pathways underlying the development of cardiovascular disease and heart failure and the particular risk of patients with diabetes
- To discuss the role of anti-diabetic therapy, in particular the use of SGLT2 inhibitors, in a risk based intervention strategy that targets glucose control and cardiovascular risk factors
- Discuss current and future strategies for practical management and interventions to prevent cardiovascular events in multi-risk patients



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Organised by:
**Academic Medical
Center, Amsterdam**
Course Director:
Prof John JP Kastelein

EBAC ACCREDITED SATELLITE SYMPOSIUM TO BE HELD DURING ESC CONGRESS 2018, MUNICH, GERMANY

Outcomes of GLP-1 RA in diabetes & CVD: What are the key opportunities for cardiology practice?

Lunch
will be
provided

**Don't miss the complementary
'Satellite Symposium - Experts
on the Spot' session on
Tuesday, August 28, 13:00 -
13:45 hrs, Haendel - The Hub**

MONDAY, AUGUST 27, 2018, 13:00 – 14:00 HRS, COPENHAGEN - VILLAGE 2

In co-operation with



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Outcomes of GLP-1 RA in diabetes & CVD: What are the key opportunities for cardiology practice?

MONDAY, AUGUST 27, 2018, 13:00 – 14:00 HRS • COPENHAGEN - VILLAGE 2

AGENDA

13:00 – 13:05 **Introduction**

Thomas F Lüscher, MD – *London, United Kingdom*

13:05 – 13:20 **Diabetes & CVD: Time for a multifactorial approach**

John E Deanfield, MD – *London, United Kingdom*

13:20 – 13:35 **GLP-1 receptor agonists: The cardiovascular benefits beyond glucose control**

Filip K Knop, MD – *Copenhagen, Denmark*

13:35 – 13:55 **Translating GLP-1 trial outcomes to cardiology practice: Which patients will benefit?**

Lars Ryden, MD – *Stockholm, Sweden*

13:55 – 14:00 **Panel discussion**

Thomas F Lüscher, MD - John E Deanfield, MD

Educational objectives:

- Understand the relation between T2DM & Cardiovascular Disease
- Identify the needs for novel approaches targeting T2DM in cardiovascular prevention
- Explore results from recent cardiovascular outcome trials (CVOT) in T2DM
- Discuss potential mechanisms and multifactorial effects of GLP-1 receptor agonists contributing to cardiovascular benefits
- Review results from recent GLP1 RA outcomes trials, such as LEADER on CV and microvascular outcomes
- Discuss practical implications from recent CVOTs on treatment and prevention strategies in patients with CV risk and T2DM

ACTELION SATELLITE SYMPOSIUM

MONDAY, 27 AUGUST 2018, 13:00 – 14:00, ROOM BRUSSELS – VILLAGE 4

**Achieve more in PAH –
Translating insights into patient benefits, Volume 2**

18009333_ESC_INDUSTRY PROGRAMME_06.2018



ESC Congress 2018, Munich, Germany



Visit the ACTELION BOOTH D700 (Exhibition 2)
to learn more about PAH and to download the Satellite Symposia key slides

MONDAY, 27 AUGUST 2018, 13:00 – 14:00, ROOM BRUSSELS – VILLAGE 4

Achieve more in PAH – Translating insights into patient benefits, Volume 2

Co-Chairs

Stephan Rosenkranz, Adam Torbicki

13:00 – 13:05	Introduction	<i>Adam Torbicki</i>
13:05 – 13:25	From risk assessment to treatment strategy – A patient case	<i>Fabrice Bauer</i>
13:25 – 13:45	Assessing risk and optimizing outcomes – What do the data tell us?	<i>Vallerie McLaughlin</i>
13:45 – 13:55	Panel discussion	
13:55 – 14:00	Closing remarks	<i>Stephan Rosenkranz</i>

Lunch will be available inside the lecture room





A Sanofi and Regeneron Satellite Symposium
at ESC Congress 2018, Messe München, Germany

Identifying the patients who may benefit most from **PCSK9i**

**Highlights from the latest
ODYSSEY OUTCOMES data**

27 August 2018, 18:15-19:45
Baku - Village 5

Identifying the patients who may benefit most from PCSK9i

Welcome and introduction

Andreas Zeiher (Germany)

Learnings from the latest PCSK9i results and profiles of patients who may benefit the most

- Post-ACS patients with elevated atherogenic lipid levels
Philippe Gabriel Steg (France)
- Efficacy and safety of alirocumab in ODYSSEY OUTCOMES patients with diabetes
Kausik Ray (UK)
- A comprehensive review of the latest lipid lowering therapies outcomes data
Christopher Cannon (USA)

Clinical implications for post-ACS patients

Shaun Goodman (Canada)

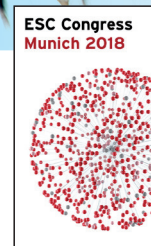
Roundtable: learnings in practice

Panelists

Conclusion and key take-away messages

Andreas Zeiher

Follow the live streamed session at www.escardio.org



Tuesday 28 August 2018, 10:15-10:45
Schumann – The Hub

From ODYSSEY OUTCOMES results to clinical practice: Identifying patients who may benefit most from PCSK9 inhibition

Andreas Zeiher (Germany)
Gregory Schwartz (USA)

Tuesday 28 August 2018, 16:00-16:30
Beethoven – The Hub

From guidelines to real life practices in lipid management: how to empower patients for better treatment adherence

Alberico Catapano (Italy)
Gérard Reach (France)

Preventing PE & DVT in Heart Failure and Other Medically Ill Patients

An Innovative Action Plan

MONDAY, 27 AUGUST, 2018
13:00 – 14:00

MESSE MÜNCHEN,
MESSEGELEND, 81823
MUNICH, GERMANY

LUNCH SATELLITE SYMPOSIUM

ROOM: MADRID – VILLAGE 6

*Join our expert panel as they share the
latest evidence for preventing thrombotic
complications in medically ill patients.*

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*Supported by an independent educational grant
from Portola Pharmaceuticals, Inc.*

CHAIR



Samuel Z. Goldhaber, MD

Professor of Medicine, Harvard Medical School
Interim Chief, Division of Cardiovascular Medicine
Section Head of Vascular Medicine
Brigham and Women's Hospital
Boston, Massachusetts

FACULTY



Samuel A. Berkman, MD

Clinical Professor of Medicine
Division of Hematology/Oncology
The University of California, Los Angeles
Private Practice, Internal Medicine/Hematology
Cedars Sinai Medical Center
Los Angeles, California



C. Michael Gibson, MD

Professor of Medicine, Division of Cardiology
Interventional Cardiology Section
Harvard Medical School
Chief, Clinical Research Cardiovascular Division
Beth Israel Deaconess Medical Center
CEO and President
Baim Institute for Clinical Research
Chairman, PERFUSE Study Group
Boston, Massachusetts



Michael B. Streiff, MD

Professor of Medicine and Pathology
Division of Hematology, Johns Hopkins University
School of Medicine
Medical Director, The Johns Hopkins
Anticoagulation Management Service
Baltimore, Maryland

<https://www.medscape.org/townhall/prevent-vte-stroke-in-hf-registration>

AGENDA

13:00 – 13:05

Welcome and Introductions

Samuel Z. Goldhaber, MD

13:05 – 13:15

Critical Unmet Need for VTE Prophylaxis in Medically Ill Patients: The Vulnerable First Month

Michael B. Streiff, MD

13:15 – 13:30

DOACs to Prevent VTE and Stroke During Hospitalization: Focus on Heart Failure Patients

C. Michael Gibson, MD

13:30 – 13:40

VTE: Prevention of Rehospitalization, Fatal Events, and Special Targeted High-Risk Patient Populations

Samuel Z. Goldhaber, MD

13:40 – 13:50

Management of Major Bleeding: Antidotes for DOACs

Samuel A. Berkman, MD

13:50 – 14:00

Panel Discussion and Q & A

Samuel Z. Goldhaber, MD

TARGET AUDIENCE

This activity is intended for cardiologists, hematology/oncology specialists, and emergency medicine physicians.

LEARNING OBJECTIVES

Upon completion of this activity, participants will

Have increased knowledge regarding the

- Susceptibility of heart failure patients to pulmonary embolism (PE) and deep vein thrombosis (DVT)
- Recommendations to prevent venous thromboembolism (VTE)-related re-hospitalization during the first month after hospital discharge
- Antidotes to manage major bleeding associated with direct oral anticoagulants (DOACs)

ACCREDITATION STATEMENT

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Held at the
ESC Congress 2018



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Education*



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Organised by:
**Academic Medical
Center, Amsterdam**
Course Director:
Prof John JP Kastelein

EBAC ACCREDITED SATELLITE SYMPOSIUM TO BE HELD DURING ESC CONGRESS 2018, MUNICH, GERMANY

New concepts and models in CV risk management



**Lunch
will be
provided**

TUESDAY, AUGUST 28, 2018, 13:00 – 14:00 HRS, BRUSSELS - VILLAGE 4

In co-operation with



Physicians' Academy
for Cardiovascular Education

Supported by an educational grant from Pfizer.
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EBAC Accredited Satellite Symposium to be held during ESC Congress 2018, Munich, Germany

New concepts and models in CV risk management

TUESDAY, AUGUST 28, 2018 13:00 – 14:00 HRS • BRUSSELS - VILLAGE 4

AGENDA

13:00 – 13:05 **Introduction**

John E Deanfield, MD – *London, United Kingdom*
Peter Libby, MD – *Boston, USA*

13:05 – 13:20 **Challenges and models in CV risk management: Start early, invest in your arteries**

John E Deanfield, MD – *London, United Kingdom*

13:20 – 13:35 **LDL-lowering versus LDL eradication; what makes clinical sense?**

John JP Kastelein, MD – *Amsterdam, The Netherlands*

13:35 – 13:50 **Precision medicine and tools in high CV risk patients**

Frank Visseren – *Utrecht, The Netherlands*

13:50 – 14:00 **Panel discussion**

Educational objectives:

- To review the epidemiology and current guidelines on the diagnosis, management, and treatment of patients at increased CV risk
- To understand the medical need for intensive risk interventions in patients at high CV risk, including diabetes
- To discuss new concepts in cardiovascular risk management including earlier and more intensive intervention and integrate scientific evidence from key clinical trials into practice
- To explore the role of new risk calculation models for cardiovascular risk estimation and communication

Navigating the Continuum of Care in Cardiac Arrhythmia Management

Medscape
LIVE!

TUESDAY, 28 AUGUST, 2018
13:00 – 14:00

LUNCH SATELLITE SYMPOSIUM
ROOM: MADRID – VILLAGE 6

Join Dr De Caterina and faculty for an in-depth discussion of cardiac arrhythmia patient care.

Medscape
EDUCATION



CHAIR

Raffaele De Caterina, MD, PhD
Professor of Cardiology
University Hospital
G. d'Annunzio University
Chieti, Italy



FACULTY

Mattias Duytschaever, MD, PhD
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Department of Cardiology
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Bruges, Belgium



Gerhard Hindricks, MD
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University of Leipzig
Heart Center Leipzig
Leipzig, Germany



Gregory Y.H. Lip, MD
Gregory Y. H. Lip, MD
Consultant Cardiologist
Professor of Cardiovascular Medicine
University of Birmingham
Centre for Cardiovascular Sciences
City Hospital
Birmingham, United Kingdom

AGENDA

13:00 – 13:05

Welcome and Introductions

Raffaele De Caterina, MD, PhD

13:05 – 13:25

Clinical Decision Making in the Arrhythmia Patient: A Case Journey

Raffaele De Caterina, MD, PhD

13:25 – 13:55

Moving Beyond Pharmacologic Therapy in Cardiac Arrhythmia Management

Raffaele De Caterina, MD, PhD

Gregory Y.H. Lip, MD

Gerhard Hindricks, MD

Mattias Duytschaever, MD, PhD

13:55 – 14:00

Question Period and Conclusion

Raffaele De Caterina, MD, PhD

TARGET AUDIENCE

This activity is intended for an international audience of non-US cardiologists, primary care physicians, and neurologists.

LEARNING OBJECTIVES

Upon completion of this activity, participants will:

Have increased knowledge regarding the

- Recognition and diagnosis of atrial fibrillation (AF) and its potential clinical sequelae
- Clinical guidelines for AF ablation
- Results of the latest clinical trials on AF ablation

Have greater competence related to

- The role that each ablation technique should play in the management of patients with AF

ACCREDITATION STATEMENT

The Faculty of Pharmaceutical Medicine of the Royal Colleges of Physicians of the United Kingdom (FPM) has reviewed and approved the content of this educational activity and allocated it 1.0 continuing professional development credits (CPD).



*Held at the
ESC Congress 2018*



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*Supported by an independent educational
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DIGITAL HEALTH AREA

- Digital Health Sessions
- Digital Health Floor Plan
- Digital Health List of Exhibitors
- Company and Product Descriptions



European Society of Cardiology

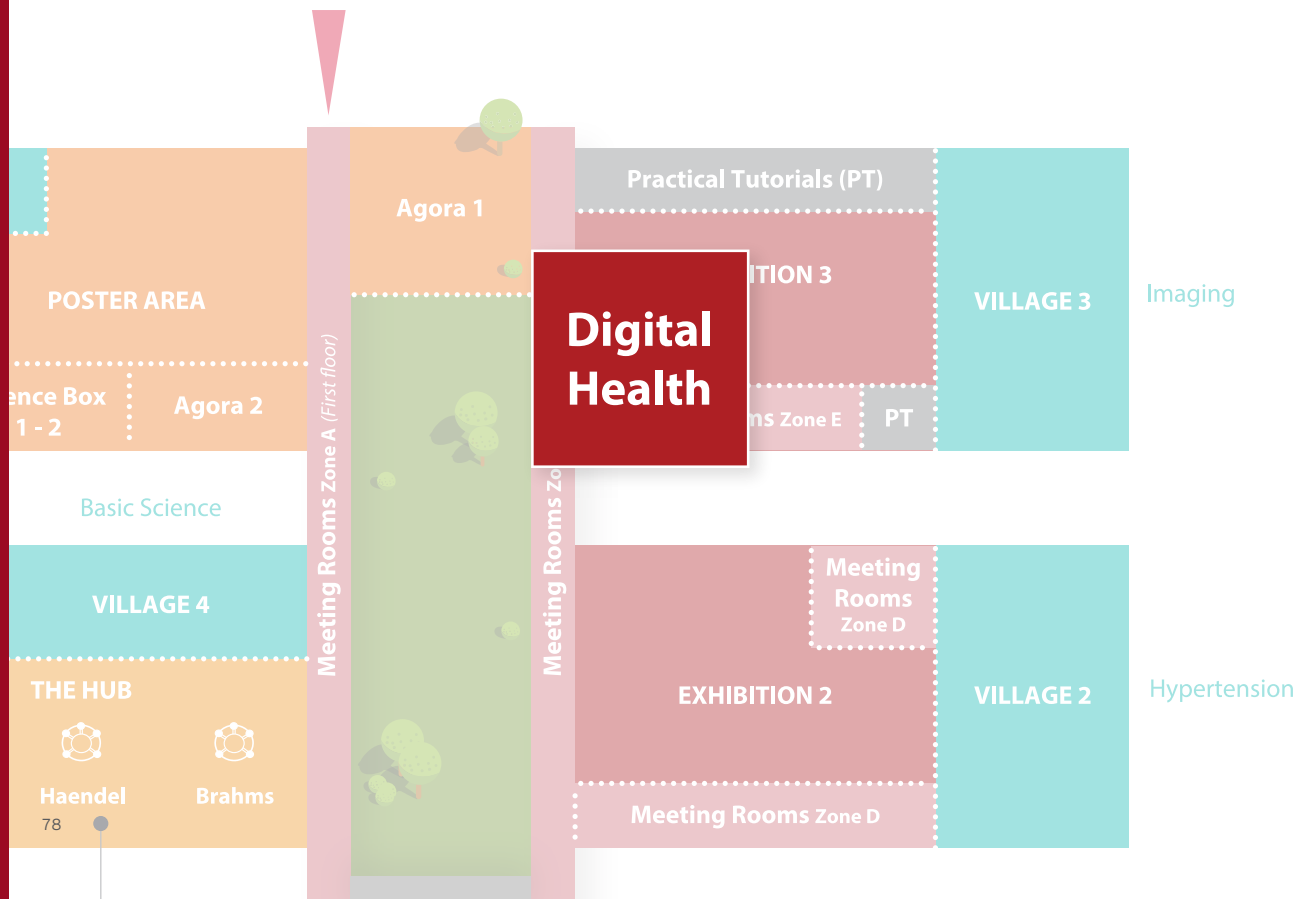


#ESCcongress



escardiodotorg

ACCESS TO/FROM COACH PARKING



Digital Health Area

"2018 will be remembered as one of the milestones in the ESC's history"

Digital Health is a key element of the future for the ESC: last year's congress in Barcelona confirmed this and supported our decision to put even more time and effort into creating a brand **NEW Digital Health Area** for this year's ESC Congress, which will be held in Munich. Our team is doing its utmost to guarantee an unforgettable experience, not only for delegates, but also for exhibitors who support our congress and visit the Digital Health Area.

Location and Promotion?

This year the area will be located at the **entrance of the Exhibition 3**, ensuring optimal visibility and enabling immediate contact between delegates and industry. Furthermore, onsite advertising and additional information in our dedicated Industry Programme booklet will guarantee visitors to the area. The Digital Health Area will also be promoted in our pre-congress advertising formats and will have a dedicated webpage on the ESC website. Additionally, social media will be a key communication channel for advertising our new area.

Digital Health Stage

Our NEW, larger **Digital Health Stage** will be an integral part of the Digital Health Area and will serve as the bedrock for a total of **15 scientific sessions** related to Digital Health. This alone will attract many delegates and allow for meaningful exchange.

Services

A state-of-the-art **meeting place** will also be available to organise business meetings. On top of this, our **wireless internet** connection will be at your disposal for external communications or any web-based needs you may have.

Please join us in our Digital Health Area : together we can make a greater impact!

DIGITAL HEALTH SESSIONS



*All these sessions take place
in the Digital Health Stage*

SATURDAY 25 AUGUST

09:00 - 10:30

e-Health and m-health: hype or here to stay?

11:00 - 12:30

Everyone get ready! Digital Health will change healthcare on a patient and population level.

15:30 - 16:30

Digital Health session

SUNDAY 26 AUGUST

10:05 - 10:50

Coffee Break Session - Digital Health stage

11:00 - 12:30

eCardiology - State of the Heart

15:50 - 16:35

Key steps to innovation in medical devices

MONDAY 27 AUGUST

08:30 - 10:00

Novel technology within cardiology - The role of the nurse

10:05 - 10:50

Coffee Break Session - Digital Health stage

11:00 - 12:30

Digital Health session

14:30 - 15:45

BigData@Hear

15:50 - 16:35

Coffee Break Session - Digital Health stage

DIGITAL HEALTH SESSIONS



*All these sessions take place
in the Digital Health Stage*

TUESDAY 28 AUGUST

08:30 - 10:00

Virtual valve replacement: the next revolution

10:05 - 10:50

Coffee Break Session - Digital Health stage

12:40 - 13:40

Digital Health session

14:30 - 15:45

Digital Health session

15:50 - 16:35

Coffee Break Session - Digital Health stage

SPECIAL SESSIONS

SATURDAY 25 AUGUST

12:40 - 13:20

ESC Paul Hugenoltz lecture for Innovation

SUNDAY 26 AUGUST

12:45 - 13:45

The effect of regulation on innovation

MONDAY 27 AUGUST

12:45 - 13:45

Start-up case studies told by the insider

DIGITAL HEALTH SESSIONS



*All these sessions take place
in the Digital Health Stage*

EXPERT SESSIONS

SUNDAY 26 AUGUST

16:45 - 17:45

Expert Advice - How to integrate imaging in
computerized decision support systems in cardiology

MONDAY 27 AUGUST

16:45 - 17:45

Expert Advice - Big and Deep Data

TUESDAY 28 AUGUST

11:00 - 12:15

Expert Advice - Mobile health in adults with congenital
heart disease

LATE-BREAKING SCIENCE

SATURDAY 25 AUGUST

13:30 - 15:00

Late Breaking Science in Telemedicine

RAPID FIRE ABSTRACT

SUNDAY 26 AUGUST

08:30 - 10:00

Digital health in clinical practice

LIVE DEMOS

Digital Health Innovative solutions and technologies
demonstrations in Digital Health Area - Exhibition 3

- Saturday 25 August at 16:45
- Sunday 26 August at 10:05, 12:45, 15:50
- Monday 27 August at 10:05, 12:45, 15:50
- Tuesday 28 August at 10:05, 12:45



H100

H200

H220

H320

H310

H400



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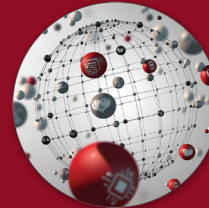
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Digital Health Area

	G282
G280	G285

G290 G295

Digital Health Stage



G350

G320

G310

G300

G330

G340

MR25

MR26

MR27

MR28

LIST OF EXHIBITORS

AliveCor, Ltd.	G312
Cardiomatics	G412
CardioSecur	G201
Coala Life AB	G212
CubileHealth	G213
Diagnosis S,A.	G413
DMS Service	G282
ERKA Kallmeyer Medizintechnik GmbH & Co. KG	G311
FibriCheck	G202
Medimatic Srl	G280
Medtronic	G511/G512
NEWCARD	G211
Preventicus GmbH	G313
Renew health Ltd	G285
Sky Labs	G411
Stratasys GmbH	G290
Vales & Hills BioMedical Tech.Ltd	G295
Wavelet Health	G203

COMPANY AND PRODUCT DESCRIPTIONS

AliveCor Ltd.

G312

58 Herschel Street, SL11PG Slough - United Kingdom
Tel: +44 782 732 6297
Website: www.alivecor.com

Product categories: **Digital Health**
Electrocardiographs
External Holter Equipment

AliveCor pioneers CE marked and FDA-cleared machine learning techniques to enable proactive heart care and is recognized around the world. KardiaMobile is the most clinically validated mobile ECG solution on the market and recommended by leading cardiologists worldwide. KardiaMobile, and KardiaBand, with the Kardia app produce an ECG rhythm strip to aide clinicians in diagnosing arrhythmias and include instant analysis for detecting atrial fibrillation (AF) & Normal Sinus Rhythm in the ECG. KardiaBand is the first FDA-cleared medical device accessory for Apple Watch. AliveCor is a privately-held company headquartered in Mountain View, Calif, USA.

Cardiomatrics

G412

Konarskiego 44/5, Cracow, Malopolska 30-046 - Poland
Tel: +48 570 055 785
Email: marzena.sobas@consonance.tech
Website: www.cardiomatrics.com

Product categories: **Digital Health**
Electrocardiographs
Patient Monitoring System

Cardiomatrics™ is a cloud AI tool for ECG analysis. Simply give us a raw ECG signal and our algorithms will turn it into valuable analysis.

CardioSecur

G201

Wilhelm-Leuschner-Straße 41, 60329 Frankfurt am Main
Hessen - Germany
Tel: +49 699 072 0130
Email: brueckner@cardiosecur.com
Website: www.cardiosecur.com

Product categories: **Digital Health**
Electrocardiographs
Patient Monitoring System

CardioSecur is a product of Personal MedSystems GmbH, a mHealth company from Frankfurt, Germany. CardioSecur is a mobile, smartphone-/tablet-based, clinical-quality ECG using only four electrodes. The cable itself weighs only 50 grams, allowing it to be used any-time and anywhere. CardioSecur is a clinically validated, CE-certified, class IIa medical device and based upon vector electrocardiography (3D-ECG technology). There are two versions of the product available: CardioSecur Active (for private use) and CardioSecur Pro (for use by medical professionals only).

COMPANY AND PRODUCT DESCRIPTIONS

Coala Life AB

Riddargatan 18, 11436 Stockholm - Sweden

Tel: +46 707 906 734

Email: philip@coalalife.com - Website: www.coalalife.com

Product category: Digital Health

Coala Life is a Swedish digital health venture disrupting the field of digital cardiac diagnostics. The company has recently launched a multi-prize winning portfolio of cardiac monitoring solutions based on the Coala Heart Monitor, a cloud-based product and service for real-time analysis of the heart. Solutions are sold direct to individuals as well as to healthcare professionals to enable more efficient and digital cardiac assessments. It's about digitizing the heart by the power and engagement of the individual, and using smart algorithms to help predict and prevent heart disease.

CubileHealth

Grabenweg 72, 6020 Innsbruck - Austria

Tel: +43 660 571 9686

Email: kfritscher@cubilehealth.com - Website: www.cubilehealth.com

Product categories: Digital Health

Non-Invasive Monitor/Testing

At CubileHealth we strongly believe that patients deserve the highest quality of care. Hence, we provide innovative solutions for accurate in-bed patient monitoring in order to prevent acute health events at clinical care settings. With the Cubile Health Monitoring System the safety and well-being of your patients is ensured in a secure and an unobtrusive manner. It

G212

provides 24/7 monitoring of pulse and breathing rate as well as movement and bed exit information. All information is collected via an in-bed monitoring system that is invisible, touchless, and highly integrated.

Diagnosis SA

Gen. W. Andersa 38A, 15-113 Białystok - Poland

Tel: +48 605 654 280

Email: msobolewska@diagnosis.pl - Website: istel.com.pl

Product Categories: Digital Health

Electrocardiographs

Non-Invasive Monitor/Testing

Diagnosis S.A. started its operation in mid 2002. Since the very beginning of its creation, the company's most important value have been the Customers and the people who create the company. It is the specialist knowledge of our employees, their experience and interesting ideas they have brought in, that have enabled a dynamic development of the company, whose key objective is to provide Customers with state-of-the-art products of the highest quality. Diagnosis S.A. started its operation in mid 2002. One of the most recent achievements of Diagnosis is development of an easy-to-operate Istel HR-2000 6-lead ECG Recorder with four built-in electrodes. With the built-in electrodes, patients can easily perform ECG self-examination. This solution allows the patient to carry the device all day long and do a quick self-examination when necessary. The results are sent for analysis to the medical center via device application.

G413

COMPANY AND PRODUCT DESCRIPTIONS

DMS Service

G282

11845 W. Olympic Blvd, Ste 880W, 90064 Los Angeles
CA - United States of America
Website: www.dms-service.com

ERKA Kallmeyer Medizintechnik GmbH & Co. KG

G311

Im Farchet 15, Bad Tölz, Bavaria 83646 - Germany
Tel: +49 804 180 09-0
Email: info@erka.org - Website: www.erka.org

Product categories: **Blood Pressure Measurement**
Equipment
Digital Health
Supplies

Welcome to ERKA. We are a traditional family company that has been developing outstanding medical equipment of the highest precision and quality with great passion for more than 120 years. As the pioneer of mechanical blood pressure measurement, our devices have proven themselves millions of times around the world and set the standard for all future developments.

FibriCheck

G202

Kempische Steenweg 303b27, Hasselt
Limburg 3500 - Belgium - Tel: +32 479 947 917
Email: lars.grieten@fibrichck.com - Website: www.fibrichck.com

Product categories: **Antiarrhythmia**
Digital Health

FibriCheck: a medical-approved smartphone application for ambulatory heart rhythm monitoring aiming to prevent strokes!

FibriCheck is an innovative way to regularly measure the heart rhythm and detect AFib using only a smartphone. Our award-winning app, built around patented, highly accurate measuring and detection algorithms, is a software-only solution, making it extremely accessible and scalable. On top, FibriCheck is the first software only application in Europe that has received its CE accreditation as a medical device (class IIa & ISO13485) to detect irregular heart rhythm disorders by only using the smartphone. It offers users peace of mind and empowers them to actively manage their health thereby preventing strokes.

Medimatic Srl

G280

Viale Cembrano 4C, 16148 Genova, GE - Italy
Tel: +39 010 307 1634

Email: info@medimatic.com - Website: www.medimatic.com

Product categories: **Clinical Database & Research**
Digital Health
Picture Archiving and
Communication Systems

MediMatic is pleased to introduce the latest releases in ComPACS, an innovative, vendor impartial, web enabled, scalable and cost-effective cardiology PACS solution. The product is IHE compliant, allowing for automated workflow in Echo, Cath, MRI, Nuclear and ECG, including scheduling and EMR integration.

You are welcome to visit our booth to discover the new features introduced in 2018, including improved reporting, off-line analysis, web distribution and datamining.

COMPANY AND PRODUCT DESCRIPTIONS

Medtronic International Trading SARL **G511/G512**
Route du Molliau 31, VD 1131, Tolochenaz VD - Switzerland

NEWCARD **G211**
59800 LILLE - France

Tel: 06 21 18 34 58 - Website: www.newcard.fr

Product Category: Digital Health

Newcard offers a home-based tele-monitoring system for patients suffering from chronic heart failure : « 1 Minute for my Heart ». Every day, patients can weight themselves and measure their blood pressure and heart rate using connected objects. This data is analyzed by an algorithm on an on-going basis. In case of a drift, a software will send an early email warning to the cardiologist. He can then take care of his patient to prevent an emergency hospital stay. The data is also available to the patient's healthcare team at all time. Newcard received the French Ministry of Health's approval.

Preventicus GmbH **G313**
Tatzendpromenade 2, Jena, 07745 - Germany
Tel: +49 170 227 2622

Email: dirk.eichler@preventicus.com - Website: www.preventicus.com

Product categories: Digital Health
Non-Invasive Monitor/Testing
Patient Monitoring System

Preventicus provides a certified European cloud service, which performs medical grade heart rhythm analysis, based on pulse wave recordings captured with a standard smartphone camera or smartwatch. Patients do not need extra accessories or devices.

Smartphones are used for AF population screening. Smartwatch application using PPG data are designed for continuous passive 24/7 rhythm analysis for months or years, especially in patients after cryptogenic stroke.

Preventicus connects to your ecosystem: patients measurements will be transferred directly to hospital or doctor information systems.

Preventicus applications, plugins and cloud services are CE marked medical devices and clinically validated in large international multicenter studies.

Renew health Ltd **G285**

IDA Business & Technology Park, Garrycastle, Athlone
Co. Westmeath N37F786 - Ireland - Tel: +35 3906465460
Email: sile.fuery@renewgroup.eu - Website: www.renewhealthlimited.com

Product Categories: Echocardiogram
Sport Cardiology
3D Imaging

Renew Health Limited, the multi award winning connected health medtech company established in 2014, is committed to delivering exciting healthcare solutions to improve patient's lives. Its portfolio includes Zensor™ device to detect Atrial Fibrillation; Renew™ Enhanced Circulation a non-invasive treatment for those suffering from angina and UltraLinq™ a cloud-based medical imaging and data management system.

COMPANY AND PRODUCT DESCRIPTIONS

Sky Labs

G411

#301-4, C Bldg., Pangyo Digital Center, 242, Pangyo-ro, Bundang-gu, 13487 Gyeonggi-do Seongnam - Korea Republic of
Tel: +82 031 8060 0159

Email: jeenkyum.hong@i-skylabs.com - Website: www.i-skylabs.com

Product Categories: Digital Health

Non-Invasive Monitoring

Patient Monitoring System

Sky Labs is developing a ring-type Cardio Tracker, CART to help continuous monitoring of atrial fibrillation which is difficult to diagnose even in a hospital or in daily life. By simply wearing CART on user's finger, CART continuously detects atrial fibrillation without user intervention. CART detects and records atrial fibrillation, so users can manage their heart health status. In addition, users can track atrial fibrillation and see the results on their smartphone. By tapping CART, users can make event logs and analyze atrial fibrillation data at the moment it occurs. Then such data can help physicians to diagnose atrial fibrillation

Stratasys GmbH

G290

Airport Boulevard B 120, 77836 Rheinmuenster Germany
Tel: +49 722 977 720

Email: emea@stratasys.com - Website: www.stratasys.com

Product category: Digital Health

Stratasys is a global leader in applied additive technology solutions for industries including Aerospace, Automotive, Healthcare, Consumer Products and Education. In the healthcare industry Stratasys 3D printing can improve patient care, reduce operational costs and increase efficiency within

the clinical environment. The Additive Manufacturing Solutions from Stratasys help healthcare professionals to create a new level of patient treatment by having more diagnostic visibility. In addition, additive manufacturing impacts the medical device industry as well because it reduces the time frame for the development of new medical devices. The innovative technology is the binding element within the healthcare industry and provides benefits to all stakeholders.

Vales and Hills BioMedical Tech.Ltd

G295

Buld.46-1,BDA International Business Park, 100176 Beijing China, People's Republic of - Tel: 86 10 67 85 69 41

Email: cathyfeib@vhmedical.com - Website: www.vhec.com

Product Categories: Digital Health

Electrocardiographs

V&H Medical, is located in BEIJING, China. It has been one of the leading developers of PC based ECG technology for over 20 years. V&H keeps giving great resources to approach the edge that comes with the idea of sophisticated simplicity in products design and the discipline of management in quality control. V&H is mostly engaged in PC-ECG, ECG Workstation, ECG Stress Test. V&H's core concept is teamwork on which we have built a truly top-notch team, conceived in collaboration, dedicated to the proposition that we all colleagues working our hearts out toward the goal in rewarding people and society. V&H keeps looking to the future with hope and determination.

COMPANY AND PRODUCT DESCRIPTIONS

Wavelet Health

G203

465 Fairchild Drive, Suite 228, Mountain View

CA 94043 - United States of America - Tel: +1 650 422 0339

Email: cseninger@wavelethealth.com

Website: www.wavelethealth.com

Product categories: **Digital Health**

Non-Invasive Monitor/Testing

Patient Monitoring System

Our focus at Wavelet Health is to help our partners better evaluate therapeutic interventions and new methods of care delivery for their patients. We've partnered with other forward thinking organizations promote the modernization and improvement of health monitoring in clinical settings through the use of wearable and connected devices, machine learning, and cloud computing.



EXHIBITION

Exhibition Opening Hours

Saturday 25 August	10:00 - 17:00
Sunday 26 August	10:00 - 17:00
Monday 27 August	10:00 - 17:00
Tuesday 28 August	10:00 - 17:00
Wednesday 29 August	CLOSED



European Society of Cardiology



#ESCcongress



escardiodotorg

Visit the **ACTELION BOOTH D700 (Exhibition 2)**
to learn more about PAH and to download the Satellite Symposia key slides



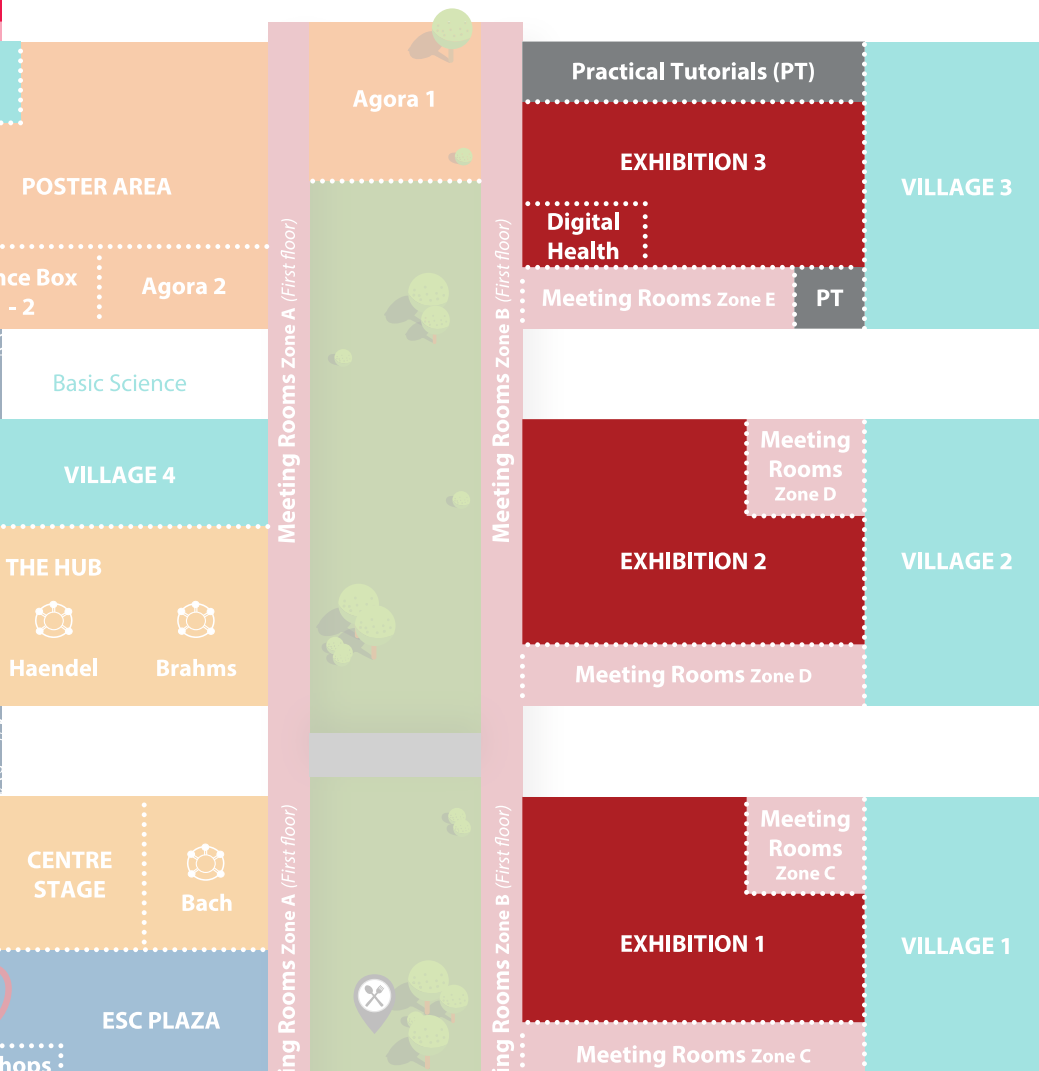
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ESC Congress 2018, Munich, Germany



**ESC Congress
Munich 2018**
25-29 August

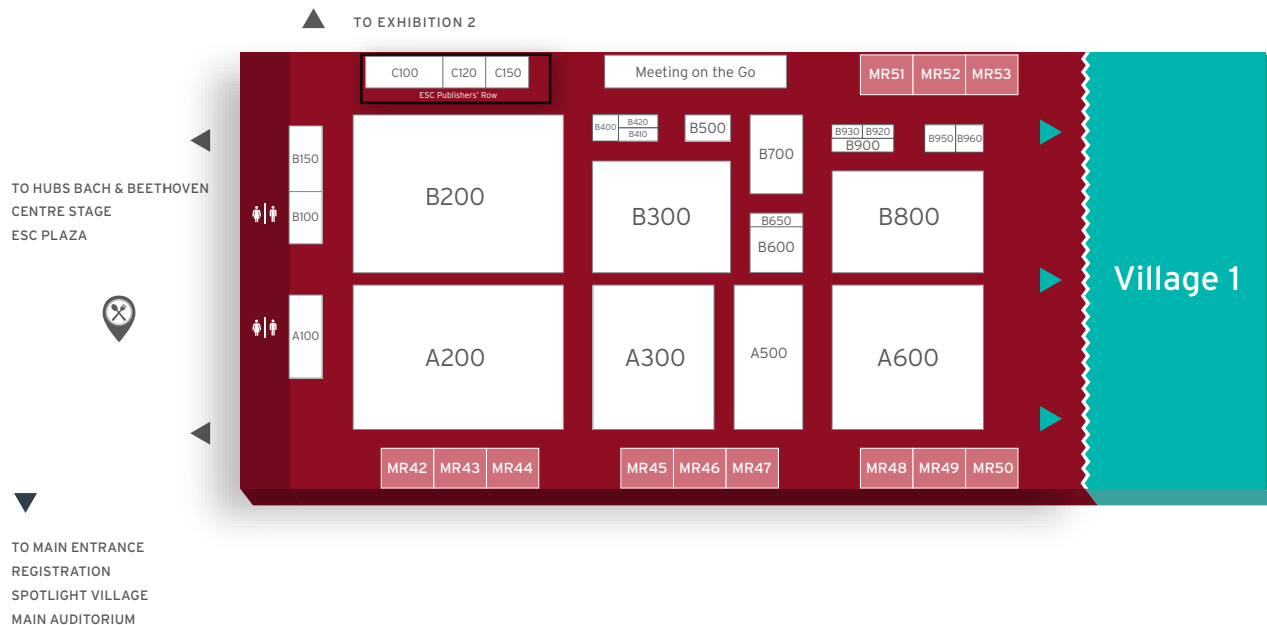


Imaging

Hypertension

Preventive Cardiology &
Cardiovascular Disease in
Special Populations

FLOOR PLAN - EXHIBITION 1



LIST OF EXHIBITORS - EXHIBITION 1

Amgen (Europe) GmbH	A600
Amicus Therapeutics GmbH	B420
AstraZeneca	B300
Bayer AG	B200
CardioSecur	B960
CRI-The Clinical Research Institute GmbH	B900
Daiichi Sankyo Europe GmbH	A300
Edan Instruments, Inc	B650
GlaxoSmithKline PLC	B150
Littmann Stethoscopes	B100
Medscape Cardiology	A500
NorthEast Monitoring Inc	B920
Novo Nordisk A/S	B500/B700
Osaka University/HEARTROID PROJECT	B930
Oxford University Press	C100
Rooti Labs Limited	B950
SAGE Publishing	C120
SANOFI	B800
SCHILLER	A100
SERVIER INTERNATIONAL	A200
SOMNomedics GmbH	B400
Thrombosis Research Institute	B600
TOMTEC IMAGING SYSTEMS GMBH	B410
Wiley	C150

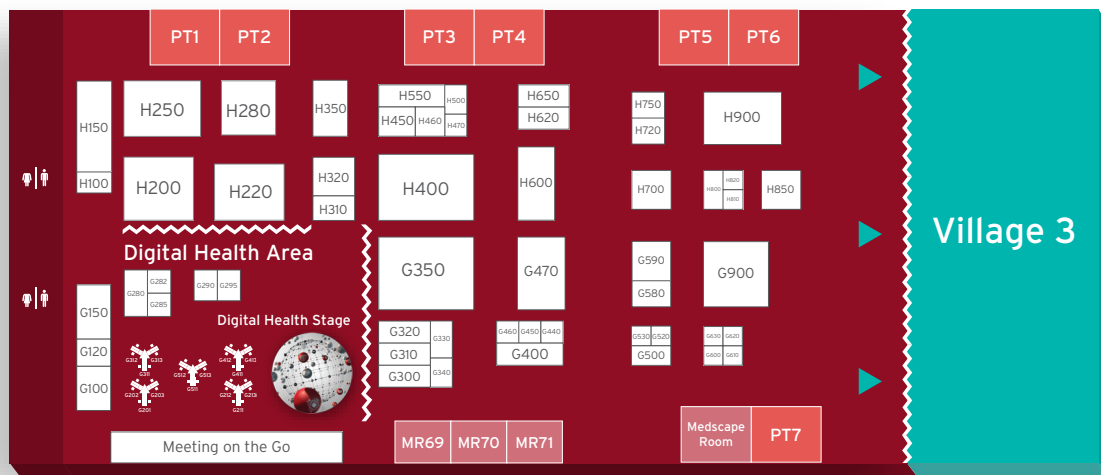
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LIST OF EXHIBITORS - EXHIBITION 2

Acarix A/S	D500	Fleischhacker GmbH & Co.KG	E100
Actelion Pharmaceuticals Ltd	D700	Frontiers	
Aptus Health	F105	Health in Code	F110
BIOTRONIK	D300	I.E.M. GmbH	F100
Bittium	F150	Impulse Dynamics Germany GmbH	E150
Blueprint Genetics Oy	D450	JAMA Network	E730
BMS Pfizer Alliance	D200	Lifetech Scientific Corporation	E120
Boehringer Ingelheim/Boehringer Ingelheim and Lilly Diabetes Alliance	E200	MDPI	E740
Boston Scientific	D270	Medtronic International Trading SARL	E210
BPLab	D550	MENARINI GROUP	D800
BTG Plc.	D230	Microlife AG	D310
Cardia CT Training	E840	Mylan	E600
Cardio Alex	E830	NEJM Group	E800
Cardio Risk	E470	Novartis Pharma AG	D350/E300
CASIS - Cardiac Simulation & Imaging Software	D100	PCR	E450
CD Leycom	F140	Pfizer Inc	D400
CLINICAL RESEARCH MALAYSIA	E820	Physicians' Academy for Cardiovascular Education	D290
Content Ed Net Medicom	E850	Preventicus GmbH	D110
Edwards Lifesciences	E220	ResMed	E420
Elsevier Ltd	E710	Roche Diagnostics International Ltd	E250
Ensense Biomedical Technologies Shanghai	D130	Wisepress Medical Bookshop	E900
Ercules Comunicazioni	E810	Wolters Kluwer Health	E700
European Medical Group	E430	Zenitor Medical Systems AB	F130
Ferrer Internacional SA	E400	Zoll CMS GmbH	D220

FLOOR PLAN - EXHIBITION 3

TO AGORA ROOMS
POSTER AREA
SCIENCE BOX
VILLAGE 6



TO EXHIBITION 2

LIST OF EXHIBITORS - EXHIBITION 3

A&D Company, Limited
 Akcea Therapeutics, Inc.
 Alnylam Pharmaceuticals
 AMEDTEC Medizintechnik Aue GmbH
 ABIOMED
 Beneware Medical
 Beurer GmbH
 Biosense Webster
 BTL zdravotnicka technika a.s
 Canon Medical Systems Europe
 Cardioline SPA
 Charité
 CNSystems Medizintechnik GmbH
 Corpuls | GS Elektromedizinische Geräte
 G. Stemple GmbH
 Covance / Chiltern
 Creavo Medical Technologies Ltd
 custo med GmbH
 DOASENSE GmbH
 FUKUDA DENSHI
 GE Healthcare GmbH
 Haemonetics
 HeartSciences
 Hitachi Medical Systems Europe
 IMEDIPLUS INC.
 Invitalis GmbH
 Medical Imaging Technologies
 MEDITERRANEAN CARDIOLOGY MEETING
 MedSet Medizintechnik GmbH
 Mitsubishi Chemical Europe GmbH
 Medis Medical Imaging Systems BV
 MIDES GmbH
 NORAV Medical GmbH

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G500
H620
H100
H460
H450

OMRON Healthcare Europe B.V.
 Orion Pharma
 PCM Scientific
 PHILIPS
 Portola Pharmaceuticals
 PulmoKard GmbH
 Recordati Spa
 RenalGuard Solutions Inc
 Rontis AG
 Siemens Healthineers
 SOLUSCOPE-LABORATOIRE ANIOS
 Welch Allyn GmbH

DIGITAL HEALTH AREA

AliveCor, Ltd.
 Cardiomatics
 CardioSecur
 Coala Life AB
 CubileHealth
 Diagnosis S.A.
 DMS Service
 ERKA Kallmeyer Medizintechnik
 GmbH & Co. KG
 FibriCheck
 Medimatic Srl
 Medtronic
 NEWCARD
 Preventicus GmbH
 Renew health Ltd
 Sky Labs
 Stratasys GmbH
 Vales & Hills BioMedical Tech.Ltd
 Wavelet Health

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LIST OF EXHIBITORS by PRODUCT CATEGORY

DEVICES & EQUIPMENTS

Arterial Stiffness	BPLab I.E.M. GmbH SOMNOMedics GmbH
Balloons Stents	Rontis AG
Cardiac Resynchronisation	BIOTRONIK Boston Scientific International SA Impulse Dynamics Germany GmbH Medtronic International Trading SARL
Catheter Equipment	ABIOMED EKOS Corporation, a BTG International group company Lifetech Scientific (Netherlands) B.V Osaka University/HEARTROID PROJECT
Defibrillators	BIOTRONIK corpuls GS Elektromedizinische Geräte G. Stemple GmbH Boston Scientific International SA Zoll CMS GmbH
Devices for Sleep Disordered Breathing	ResMed SOMNOMedics GmbH
Electrocardiographs	AliveCor Ltd. AMEDTEC Medizintechnik Aue GmbH Beneware Medical BTL zdravotnicka technika a.s. Cardioline SPA Cardiomatics CardioSecur custo med GmbH Diagnosis SA Edan Instruments, Inc Ensense Biomedical Technologies Shanghai

Electrocardiographs	FUKUDA DENSHI HeartSciences IMEDIPLUS INC. Medset Medizintechnik GmbH NORAV Medical GmbH Rooti Labs Limited SCHILLER Welch Allyn GmbH Zenico Medical Systems AB
Electrophysiology	Boston Scientific International SA Edan Instruments, Inc PulmoKard GmbH
External Holter Equipment	AliveCor Ltd. AMEDTEC Medizintechnik Aue GmbH Bittium BPLab Cardioline SPA custo med GmbH Edan Instruments, Inc Labtech Ltd. Medset Medizintechnik GmbH NORAV Medical GmbH NorthEast Monitoring Inc Rooti Labs Limited SCHILLER
Instrumentation	Creavo Medical Technologies Ltd
Pacemakers & Pacing Systems	BIOTRONIK Fleischhacker GmbH & Co.KG

LIST OF EXHIBITORS by PRODUCT CATEGORY

DEVICES & EQUIPMENTS

Patient Monitoring System	<p>Acarix A/S Bittium Cardiomatics CardioSecur CD Leycom CNSystems Medizintechnik AG corpuls GS Elektromedizinische Geräte G. Stemple GmbH CubileHealth Ensense Biomedical Technologies Shanghai FUKUDA DENSHI Medtronic International Trading SARL Microlife AG NorthEast Monitoring Inc Preventicus GmbH Wavelet Health Welch Allyn GmbH Zoll CMS GmbH</p>
Protheses/Valves/ Pumps	<p>ABIOMED Edwards Lifesciences</p>
Resuscitation	<p>corpuls GS Elektromedizinische Geräte G. Stemple GmbH SCHILLER</p>
Transcatheter Devices	<p>BPLab Edwards Lifesciences Lifetech Scientific (Netherlands) B.V. Medtronic International Trading SARL</p>
Vascular Therapies	<p>BTG Plc. Lifetech Scientific (Netherlands) B.V.</p>

DIAGNOSTICS

Auscultation	Littmann Stethoscopes
Blood Pressure Measurement Equipment	<p>A&D Company, Limited Beneware Medical Beurer GmbH BPLab CNSystems Medizintechnik AG CubileHealth ERKA Kallmeyer Medizintechnik GmbH & Co. KG I.E.M. GmbH Labtech Ltd. Medset Medizintechnik GmbH Microlife AG NORAV Medical GmbH Omron Healthcare Europe B.V. SOMNOmedics GmbH</p>
Cardiac and Lipid Biomarkers	<p>Covance / Chiltern Mitsubishi Chemical Europe GmbH Roche Diagnostics International Ltd</p>
Invasive Cardiac Monitoring/Testing	<p>Acarix A/S CD Leycom</p>
Medical Imaging Applications	<p>CASIS - Cardiac Simulation & Imaging Software Medical Imaging Technologies Medis Medical Imaging Systems BV TOMTEC IMAGING SYSTEMS GMBH</p>

LIST OF EXHIBITORS by PRODUCT CATEGORY

DIAGNOSTICS

Non-Invasive Monitor/ Testing	Acarix A/S AMEDTEC Medizintechnik Aue GmbH CNSystems Medizintechnik AG Creavo Medical Technologies Ltd Diagnosis SA Ensense Biomedical Technologies Shanghai HeartSciences I.E.M. GmbH Preventicus GmbH Rooti Labs Limited Wavelet Health Zenicor Medical Systems AB
Nutrition	Mylan
Pulmonary Function	BTL zdravotnicka technika a.s. custo med GmbH
Sport Cardiology	BTL zdravotnicka technika a.s. Cardioline SPA Renew health Ltd Welch Allyn GmbH

IMAGING

3D Imaging	GE Healthcare GmbH Medis Medical Imaging Systems BV Renew health Ltd TOMTEC IMAGING SYSTEMS GMBH
Computed Tomography Angiography	Canon Medical Systems Europe Cardia CT Training Hitachi Medical Systems Europe Siemens Healthineers
Contrast Media	Bayer AG
Coronary Angiography	Rontis AG
Echocardiogram	GE Healthcare GmbH Renew health Ltd
Magnetic Resonance Imaging	CASIS - Cardiac Simulation & Imaging Software Hitachi Medical Systems Europe Siemens Healthineers
Picture Archiving and Communication Systems	Medimatic Srl
Quantitative Analysis	CASIS - Cardiac Simulation & Imaging Software CD Leycom Medis Medical Imaging Systems BV Mitsubishi Chemical Europe GmbH NorthEast Monitoring Inc

LIST OF EXHIBITORS by PRODUCT CATEGORY

IMAGING

Radiology	PHILIPS
Ultrasound Imaging	Canon Medical Systems Europe FUKUDA DENSHI GE Healthcare GmbH Hitachi Medical Systems Europe MIDES GmbH PHILIPS Siemens Healthineers TOMTEC IMAGING SYSTEMS GMBH
X-Ray	Canon Medical Systems Europe

PHARMACEUTICALS

Angiotensin Converting Enzyme (ACE) Inhibitors	SERVIER INTERNATIONAL
Angiotension II Receptor Blocker (or Inhibitors)	Daiichi Sankyo Europe GmbH
Antianginal Agents	MENARINI GROUP SERVIER INTERNATIONAL
Antiarrhythmia	FibriCheck
Anticholesterol	Amgen (Europe) GmbH Mylan SANOFI
Anticoagulants	Bayer AG BMS Pfizer Alliance Boehringer Ingelheim / Boehringer Ingelheim and Lilly Diabetes Alliance Daiichi Sankyo Europe GmbH DOASENSE GmbH Portola Pharmaceuticals
Antidiabetic Agents	Boehringer Ingelheim / Boehringer Ingelheim and Lilly Diabetes Alliance Novo Nordisk A/S
Anti-hypertensive Agents	Actelion Pharmaceuticals Ltd Boehringer Ingelheim / Boehringer Ingelheim and Lilly Diabetes Alliance MENARINI GROUP Mylan SERVIER INTERNATIONAL

LIST OF EXHIBITORS by PRODUCT CATEGORY

PHARMACEUTICALS

Antiplatelet Agents	Daiichi Sankyo Europe GmbH
Beta Blockers	MENARINI GROUP Recordati Spa
Calcium Channel Blockers	Recordati Spa
Cardiotonic Agents	Orion Pharma
In Development	Alnylam Pharmaceuticals Creavo Medical Technologies Ltd
Pulmonary Arterial Hypertension	Actelion Pharmaceuticals Ltd BTG Plc. GlaxoSmithKline PLC
Statins	Ferrer Internacional SA Recordati Spa
Vasodilators	Actelion Pharmaceuticals Ltd Orion Pharma

OTHER

Angioplasty	Osaka University/HEARTROID PROJECT Rontis AG
Cardiomyopathy	Akcea Therapeutics, Inc. Alnylam Pharmaceuticals Amicus Therapeutics GmbH Blueprint Genetics Oy Health in Code Pfizer Inc Zoll CMS GmbH
Clinical Database & Research	Blueprint Genetics Oy CLINICAL RESEARCH MALAYSIA Covance / Chiltern CRI-The Clinical Research Institute GmbH Diagnosis SA Fleischhacker GmbH & Co.KG Health in Code Medimatic Srl Medscape Cardiology PulmoKard GmbH Thrombosis Research Institute
Clinical Laboratory & Testing Services	Blueprint Genetics Oy Covance / Chiltern DOASENSE GmbH Health in Code
Digital Health	AliveCor Ltd. Aptus Health Beurer GmbH Cardiomatics

LIST OF EXHIBITORS by PRODUCT CATEGORY

OTHER

Digital Health

CardioSecur
 Coala Life AB
 CubileHealth
 Diagnosis SA
 ERKA Kallmeyer Medizintechnik GmbH & Co. KG
 FibrCheck
 Fleischhacker GmbH & Co.KG
 IMEDIPLUS INC.
 Invitalis GmbH
 Medimatic Srl
 NEWCARD
 Preventicus GmbH
 Stratasys GmbH
 Wavelet Health
 Zenicor Medical Systems AB

Education/Teaching Aids

Ercules Comunicazioni
 MDPI
 NEJM Group
 Physicians' Academy for Cardiovascular Education
 WisePress Medical Bookshop

Non-profit Organisation

CLINICAL RESEARCH MALAYSIA
 MDPI
 Physicians' Academy for Cardiovascular Education
 Thrombosis Research Institute

Nutrition & Food Services

Ercules Comunicazioni

Physician Practice Services

Medscape Cardiology
 Osaka University/HEARTROID PROJECT

Publishers/Books/Journals

Content Ed Net Medicom
 Elsevier Ltd
 Ercules Comunicazioni
 European Medical Group
 JAMA Network
 MDPI
 Medscape Cardiology
 NEJM Group
 Oxford University Press
 SAGE Publishing
 Wiley
 Wolters Kluwer Health

Supplies

ERKA Kallmeyer Medizintechnik GmbH & Co. KG
 SOLUSCOPE-LABORATOIRE ANIOS

COMPANY AND PRODUCT DESCRIPTIONS

A&D Company, Limited

G630

3-23-14, Higashi-Ikebukuro, Toshima-ku, Tokyo 170-0013 - JAPAN
 Tel: +81 353 916 120
 Email: t-iizuka@aandd.co.jp - Website: www.aandd.jp

Product Category: **Blood Pressure Measurement Equipment**

A&D Medical has been a global leader in blood pressure monitors, creating innovative technologies for over 30 years. We provide a wide range of medical and healthcare products, all of which assure accuracy and ease of use. Our products are designed in Japan with the highest level of quality, durability and exacting standards. We believe that the attainment of "precision" is our number one priority in order to assure reliable, error-free results.

A&D Medical is the only global company that manufactures and sells the most advanced BPM devices for blood pressure monitoring in the office (OBPM), ambulatory (ABPM) and home (HBPM) environments.

ABIOMED

H280

52074 Aachen - Germany
 Tel: +49 241 886 0-294
 Email: mhennewald@abiomed.com - Website: www.protectedpci.eu

Product Categories: **Catheter Equipment**
Protheses/Valves/Pumps

Abiomed manufactures the Impella® family of the world's smallest heart pumps that provide temporary circulatory support, enabling the heart to rest and potentially recover its native function. The Impella pumps both unload the heart and stabilize the patient's hemodynamics before or during a percutaneous coronary intervention (PCI) procedure and during cardiogenic shock. With this minimally invasive intervention, Abiomed aims to change the standard of care for hemodynamic support by "Recovering hearts, saving lives™".

Acarix A/S

D500

Diplomvej, Bld. 376, Scion-DTU, 2800 Kongens Lyngby - Denmark
 Tel: +49 171 834 3085
 Email: info@acarix.com - Website: www.acarix.com

Product categories: **Invasive Cardiac Monitoring/Testing**
Non-Invasive Monitor/Testing
Patient Monitoring System

Acarix presents the CADScor® System, a non-invasive radiation-free no-stress method to rule-out coronary artery disease (CAD) in patients suspected of stable CAD. Turbulence in the coronary blood flow caused by stenosis and myocardial movement generate a specific acoustic profile. The sensor records and identifies previously undetectable heart-sounds. Using advanced signal-processing algorithms a CAD-score is calculated from the acoustic file and presented immediately on the display. Suspected stable CAD can thus be ruled-out in less than 10 minutes with high sensitivity and high negative predictive value. Acoustic rule-out of CAD based on ultrasensitive phonocardiography can be performed in the usual clinical setting.

Actelion Pharmaceuticals Ltd

D700

Gewerbstrasse 16, 4123 Allschwil - Switzerland
 Tel: +41 615 656 565
 Email: info@actelion.com - Website: www.actelion.com

Product categories: **Anti-hypertensive Agents**
Pulmonary Arterial Hypertension
Vasodilators

Actelion Pharmaceuticals Ltd is part of the Janssen Pharmaceutical Companies of Johnson & Johnson. We are the leader in the science and medicine of pulmonary arterial hypertension.

COMPANY AND PRODUCT DESCRIPTIONS

Akcea Therapeutics, Inc.

G900

55 Cambridge Parkway, 02142 Cambridge MA - United States of America
Tel: +1 760 519 5402

Email: agurewitz@akceatx.com - Website: akceatx.com

Product Category: Cardiomyopathy

Akcea Therapeutics is a development and commercialization company focused on helping patients with serious and rare diseases. The name "Akcea" is derived from the Greek word for value and worth. Something that has "akcea" is not common, but precious and rare. Our name supports the value we are creating for the healthcare provider community, patients, and their families. We are driven by knowing that patients depend on us. At ESC Congress 2018, Akcea Therapeutics, Inc. plans on having a promotional section on the booth for TEGSEDI, a section dedicating to raising awareness around hATTR amyloidosis and a medical information section to address questions on disease state and our pipeline products.

Alnylam Pharmaceuticals

H720

Dammstr. 19, 6300 Zug - Switzerland

Email: info@alnylam.com - Website: www.alnylam.com

Product categories: Cardiomyopathy In Development

Alnylam is leading the translation of RNA interference (RNAi) into a whole new class of innovative medicines with the potential to transform the lives of people afflicted with rare genetic, cardiometabolic, and hepatic infectious diseases. Based on Nobel Prize-winning science, RNAi therapeutics represent a clinically validated approach for the treatment of a wide range of severe and debilitating

diseases with high unmet need. Alnylam's pipeline of investigational medicines includes four late-stage product candidates, with one filed for regulatory approval. Alnylam employs over 800 people across U.S. and Europe and is headquartered in Cambridge, MA. For more information please visit www.alnylam.com.

AMEDTEC Medizintechnik Aue GmbH

G330

Schneeberger Strasse 5, Aue, Saxony 08280 - Germany

Tel: +49 377 159 8270

Email: jn@amedtec.de - Website: www.amedtec.de

Product categories: Electrocardiographs External Holter Equipment Non-Invasive Monitor/Testing

AMEDTEC Medizintechnik Aue GmbH is one of the leading German manufacturer of medical devices used in non invasive cardiology diagnostic testing. Our product portfolio consists of Resting-ECG, Stress-ECG, Holter-ECG and 24h-ABPM systems. An integral part of all systems is our windows based AMEDTEC ECGpro data management software which is very flexible as well as user friendly and has multiple interfaces like HL7 and DICOM in order to communicate with hospital information and PACS systems. AMEDTEC has a worldwide distribution network.

COMPANY AND PRODUCT DESCRIPTIONS

Amgen (Europe) GmbH

Dammstrasse 23, 6301 Zug - Switzerland
Tel: +41 413 690 332 - Email: jvitali@amgen.com

Product category: Anticholesterol

Amgen is committed to unlocking the potential of biology for patients suffering from serious illnesses by discovering, developing, manufacturing and delivering innovative human therapeutics. This approach begins by using tools like advanced human genetics to unravel the complexities of disease and understand the fundamentals of human biology.

Amgen focuses on areas of high unmet medical need and leverages its expertise to strive for solutions that improve health outcomes and dramatically improve people's lives. A biotechnology pioneer since 1980, Amgen has grown to be one of the world's leading independent biotechnology companies, has reached millions of patients around the world and is developing a pipeline of medicines with breakaway potential. For more information, visit www.amgen.com and follow us on www.twitter.com/amgen.

A600

Aptus Health

Tour Ariane, 5, Place de La Pyramide
Management by KWHC GmbH, Alewinstraße 13, 29585 Uelzen/
Germany, 92800 Puteaux - France
Tel: +49 581 973 9180

Email: tweisse@kwhc.de - Website: www.univadis.de

Product category: Digital Health

F105

AstraZeneca

1 Francis Crick Avenue Cambridge Biomedical Campus, CB2 0AA
Cambridge - United Kingdom
Tel: + 44 20 3749 5000

Website: www.astrazeneca.com

AstraZeneca is a global, science-led biopharmaceutical company that focuses on the discovery, development and commercialisation of prescription medicines, primarily for the treatment of diseases in three therapy areas - Oncology, Cardiovascular, Renal & Metabolism and Respiratory. The Company also is selectively active in the areas of autoimmunity, neuroscience and infection. AstraZeneca operates in over 100 countries and its innovative medicines are used by millions of patients worldwide. For more information, please visit www.astrazeneca.com and follow us on Twitter @AstraZeneca
Contact: www.astrazeneca.com/our-company/contact-us.html

B300

Amicus Therapeutics GmbH

Willy-Brandt-Platz 3, 81829 München - Germany
Tel: +89 248 879 813

Email: tgassner@amicusrx.com - Website: www.amicusrx.de

Product category: Cardiomyopathy

Amicus Therapeutics is a global biotechnology company at the forefront of advanced therapies to treat a range of devastating rare and orphan diseases. Migalastat (Galafold®) is a personalized oral medicine to treat individuals as of age of 16 years with Fabry disease and an amenable mutation (on the base of their genetic diagnosis) in the European Union, approved in Germany since June 2016.

B420

COMPANY AND PRODUCT DESCRIPTIONS

Bayer AG

Muellerstrasse 178, D-13342 Berlin - Germany

Tel: +49 304 681111

Email: bernd.mueller1@bayer.com - Website: www.bayer.com

Product category: Anticoagulants

Bayer is a global enterprise with core competencies in the Life Science fields of health care and agriculture. Its products and services are designed to benefit people and improve their quality of life. At the same time, the Group aims to create value through innovation, growth and high earning power. Bayer is committed to the principles of sustainable development and to its social and ethical responsibilities as a corporate citizen. In fiscal 2017, the Group employed around 99,800 people and had sales of EUR 35.0 billion. Capital expenditures amounted to EUR 2.4 billion, R&D expenses to EUR 4.5 billion. For more information, go to www.bayer.com

Beneware Medical

Hollandiastraat 73 NL, 1335VH Almere - The Netherlands

Tel: +31 630 020 506

Email: info@beneware.nl - Website: www.beneware.nl

**Product categories: Blood Pressure Measurement Equipment
Electrocardiographs**

Beneware is a leading supplier of Holter ECG, ABPM, PC ECG and cardiology information system provider.

B200

Beurer GmbH

Soeflingerstraße 218, 89077 Ulm - Germany

Tel: +49 731 398 9183

Email: stephanie.ganser@beurer.de - Website: www.beurer.com

**Product categories: Blood Pressure Measurement Equipment
Digital Health**

Beurer is one of the global leaders in health and well-being. The product range includes a large number of items relating to blood pressure, blood glucose, weight, massage, therapy, beauty and more. From 2012 on a growing number of apps and software have been provided that support the product application and help the users to understand the measured values. Beurer is represented worldwide with a workforce of around 900.

G580

Biosense Webster

European HQ, Leonardo Da Vincilaan 15, 1831 Diegem - Belgium

Tel: +32 274 634 01

Email: gcosta7@its.jnj.com - Website: www.biosensewebster.com/emea

About Biosense Webster

Biosense Webster is a global leader in the science of diagnosing and treating heart rhythm disorders. The company partners with clinicians to develop innovative technologies that improve the quality of care for arrhythmia patients worldwide. Biosense Webster, Inc. is part of the Johnson & Johnson Family of Companies. More information can be found at www.biosensewebster.com.

About the Johnson & Johnson Medical Devices Companies

The Johnson & Johnson Medical Devices Companies have been working to make surgery better for more than a century. With substantial breadth and depth in surgical and orthopedic technologies and interventional solutions, we aspire to improve and enhance medical care for people worldwide. Together, we are working to shape the future of health through differentiated products and services.

H150

G310

COMPANY AND PRODUCT DESCRIPTIONS

BIOTRONIK

Woermannkehe 1, 12359 Berlin - Germany

Tel: +49 306 890 510 20

Email: una.metzger@biotronik.com - Website: www.biotronik.com

Product categories: Cardiac Resynchronisation
Defibrillators
Pacemakers & Pacing Systems

BIOTRONIK is a leading medical device company headquartered in Berlin, Germany, and represented in over 100 countries. Our purpose is to perfectly match technology with the human body to advance health and well-being for all people. Since developing the first German pacemaker in 1963, BIOTRONIK continues to innovate cardiovascular and endovascular medical technology that saves over a million lives a year globally.

Bittium

Ritaharjuntie 1, 90590 Oulu - Finland

Tel: +358 403 442 000

Email: juho.malmi@bittium.com - Website: www.bittium.com

Product categories: External Holter Equipment
Patient Monitoring System

Bittium offers healthcare technology products and solutions in biosignal measuring in the areas of cardiology, neurology, rehabilitation, occupational health and sports medicine. Combining healthcare technologies with Bittium's long-term experience and competence in wireless and security technologies gives Bittium good conditions to serve its customers in healthcare sector by offering them new kinds of products and services.

Bittium Faros™ is a versatile ECG device used for early detection of cardiac abnormalities in everyday life. Ultra-small and lightweight Bittium Faros enables precise long-term full disclosure ECG

D300

measurements for long-term Holtering, cardiac event monitoring, mobile cardiac telemetry and assessing autonomic nervous system functions.

Blueprint Genetics Oy

Haartmaninkatu 8, 00290 Helsinki - Finland

Tel: +35 844 593 0284

Email: hanna.allen@blueprintgenetics.com

Website: www.blueprintgenetics.com

Product category: Cardiomyopathy
Clinical Database & Research
Clinical Laboratory & Testing Services

Blueprint Genetics delivers high-quality genetic testing to the global clinical community. Through our innovative laboratory process, latest sequencing technology with AI empowered data crunching tools, and experienced professionals, we are advancing mainstream healthcare. As the most transparent genetic diagnostic company on the market, we offer full access to our methodology, sensitivity, performance data, and analytic validations of our testing platform.

D450

F150

BMS Pfizer Alliance

Walton Oaks, Dorking Road, KT20 7NT Tadworth - United Kingdom

Email: info@pfizer.com - Website: www.pfizer.com

Product category: Anticoagulants

In 2007, Pfizer and Bristol-Myers Squibb entered into a worldwide collaboration to develop and commercialize apixaban, an oral anticoagulant discovered by Bristol-Myers Squibb. This global alliance combines Bristol-Myers Squibb's long-standing strengths in cardiovascular drug development and commercialization with Pfizer's global scale and expertise in this field.

D200

COMPANY AND PRODUCT DESCRIPTIONS

Boehringer Ingelheim / **Boehringer Ingelheim and Lilly Diabetes Alliance**

E200

Binger Strasse 173, 55216 Ingelheim - Germany
Tel: +49 613 277 8770

Email: nina-sophie.schumacher@boehringer-ingelheim.com

Product categories: **Anticoagulants**
Antidiabetic Agents
Anti-hypertensive Agents

Boehringer Ingelheim is one of the world's 20 leading and globally operating pharmaceutical companies. Boehringer Ingelheim addresses the unmet medical need by providing innovative treatments that improve the care of patients suffering from cardiovascular conditions. Areas of focus are stroke prevention in atrial fibrillation and DVT/PE, acute stroke care and hypertension. Since January 2011 Boehringer Ingelheim and Eli Lilly and Company are in an alliance that centers on compounds representing several of the largest diabetes treatment classes, including medicine that reduces the risk of CV death in patients with type 2 diabetes and established CV disease.

Visit www.boehringer-ingelheim.com or www.lilly.com.

Boston Scientific International SA

D270

2 rue René Caudron, 78961 Saint Quentin en Yvelines - France
Tel: 0607219694

Email: isabelle.leix-lebris@bsci.com - Website: www.bostonscientific.eu

Product Categories: **Cardiac Resynchronisation**
Defibrillators
Electrophysiology

Boston Scientific transforms lives through innovative medical solutions that improve the health of patients around the world. As a global medical technology leader, we advance science for life by

providing a broad range of high performance solutions that address unmet patient needs and reduce the cost of healthcare. For more than 35 years, Boston Scientific has advanced the practice of less-invasive medicine by providing a broad and deep portfolio of innovative products, technologies and services across a wide range of medical specialties. In addition to providing technologies that improve patient outcomes, we also help customers to achieve and sustain cost, quality and growth targets thanks to our ADVANTICS TM Innovative Healthcare Solutions portfolio.

BPLab

D550

37 Gagarin Avenue, build.P1, 603009 Nizhny Novgorod
Russian Federation

Tel: +7 831 296 1414

Email: impex@bplab.com - Website: www.bplab.com

Product categories: **Arterial Stiffness**
Blood Pressure Measurement
Equipment
External Holter Equipment

BPLab company is the leading Russian manufacturer of 24-hour blood pressure monitoring equipment with arterial stiffness and central blood pressure assessment.

Our 24-hour ABPMs offer accurate, safe and comfortable blood pressure measurement with no second inflation for additional hemodynamic parameters.

BPLab 24-hour ABPM devices were validated against ESH-2001 in general group and BHS protocol in three groups of patients: general, pregnant women and children - "A/A" class of measurement accuracy was confirmed in all groups of the patients.

BPLab devices are integrated into Italian telemedicine web-based platform "Tholomeus".

COMPANY AND PRODUCT DESCRIPTIONS

BTG Plc.

Lakeview, Watchmoor Park, Camberley, Surrey GU15 3YL
United Kingdom

Tel: +44 127 690 2020

Email: amelia.taylor@btgplc.com - Website: btgplc.com

Product categories: **Vascular Therapies**
Pulmonary Arterial Hypertension
Catheter Equipment

BTG is a global healthcare company focused on Interventional Medicine. Our innovative medical technology helps physicians treat their patients through minimally invasive procedures. We have a growing portfolio of products that advance the treatment of cancer, vascular conditions and severe emphysema. BTG's Pharmaceuticals business provides products that help patients overexposed to certain medications or toxins. BTG Vascular (EKOS™ and BTG Crossing Devices) sets the standard for vascular therapies through evidence-based innovation, predictable and cost-effective procedures and strong safety profiles that improve patient outcomes and help make the most challenging cases easier. To learn more about BTG please visit: btgplc.com.

BTL zdravotnická technika a.s.

Evropska 178, 16000 Prague 6 - Czech Republic

Tel: +420 220 517 012

Email: sales@btlnet.com - Website: www.btlnet.com

Product categories: **Electrocardiographs**
Sport Cardiology
Pulmonary Function

D230

The basis of BTL's product range is the BTL CardioPoint - acquisition, archive and diagnostic platform offering a complete solution for cardiology, internal medicine and general practitioners both in small outpatient offices as well as in large hospitals. This versatile software allows performing number of diagnostic examinations - Resting ECG, Stress-test, CPET, ECG Holter, ABPM and Spirometry. For its sophisticated diagnostic tools and data sharing options allowing remote consultations, BTL CardioPoint represents a complete solution for any medical facility.

Canon Medical Systems Europe

H250

Zilverstraat 1, 2718 RP Zoetermeer - The Netherlands

Tel: +31 611 526 311

Email: jan.debruijn@eu.medical.canon

Website: www.eu.medical.canon

Product categories: **Computed Tomography Angiography**
Ultrasound Imaging
X-Ray

Canon Medical offers a full range of diagnostic medical imaging solutions including CT, X-Ray, Ultrasound and MRI, across the globe. As of December 2016, Canon Medical became a member of the Canon Group. In line with our continued Made For life philosophy, patients are at the heart of everything we do. Our mission is to provide medical professionals with solutions that support their efforts in contributing to the health and wellbeing of patients worldwide. Our goal is to deliver optimum health opportunities for patients through uncompromised performance, comfort and safety features.

COMPANY AND PRODUCT DESCRIPTIONS

Cardia CT Training

Torrance, CA 90502 - United States of America

Tel: +1 310 647 7241

Email: cdailing@labiomed.org

Website: www.cardiaccttraining.com

Product category: **Computed Tomography Angiography**

Cardiac CTA Training, Level 2 and 3 with Dr. Matthew Budoff

E840

Cardioline SPA

Via Linz, 151, 38121 Trento - Italy

Tel: +39 029 475 0483

Email: marketing@cardioline.it - Website: www.cardioline.com

Product Categories: **Electrocardiographs**

External Holter Equipment

Sport Cardiology

Cardioline is a world-leading manufacturer of diagnostic cardiology devices, covering the area of Stress, Holter, resting ECG and Telemedicine. Cardioline innovative approach puts the user experience at the center of design. Device connectivity and interoperability, together with real web/cloud technology, provides a superior system architecture for ECG data handling for small to large healthcare organizations and telemedicine service providers. Different equipment, from traditional to totally digital ECG acquisition devices (windows or android), from ECG and NIBP Holter recorders to Holter software, from light to full stress systems, can be combined into custom tailored full Cardiology Management System totally Web based.

G300

Cardio Alex

23455 Alexandria - Egypt

Tel: +20 127 502 7788

Email: mona.saeed@icomgroup.org - Website: www.cardio-alex.com

CardioAlex is the most comprehensive event and the meeting point of cardiologists, not only from Egypt, but from Middle East area and North Africa .It will be held from the 26 -29 June 2018 in Bibliotheca Alexandrina, Alexandria - Egypt.

It is one of the activities of CVREP Foundation "Cardiovascular Research, Education & Prevention Foundation" in collaboration with the Cardiology Department - Alexandria University

E830

Cardio Risk

11206 Alexandria - Egypt

Tel: 201277752225

Email: mona.saeed@icomgroup.org - Website: cardio-risk.org

Cardiorisk is the annual congress of the Egyptian Association of Vascular Biology and Atherosclerosis (EAVA) .Cardiorisk 2018 will be held 21 -24th of November 2018. The conference is an EGYBAC accredited event and is internationally recognized.

E470

COMPANY AND PRODUCT DESCRIPTIONS

CardioSecur

Wilhelm-Leuschner-Straße 41, 60329 Frankfurt am Main
Hessen - Germany
Tel: +49 699 072 0130
Email: brueckner@cardiosecur.com
Website: www.cardiosecur.com

Product categories: **Electrocardiographs**

Digital Health

Patient Monitoring System

CardioSecur is a product of Personal MedSystems GmbH, a mHealth company from Frankfurt, Germany. CardioSecur is a mobile, smartphone-/tablet-based, clinical-quality ECG using only four electrodes. The cable itself weighs only 50 grams, allowing it to be used any-time and anywhere. CardioSecur is a clinically validated, CE-certified, class IIa medical device and based upon vector electrocardiography (3D-ECG technology). There are two versions of the product available: CardioSecur Active (for private use) and CardioSecur Pro (for use by medical professionals only).

B960

CD Leycom

Asveldweg 2, 7556 BP Hengelo (O) - The Netherlands
Tel: +31 654 604 396
Email: j.schreuder@cdleycom.com - Website: www.cdleycom.com

Product categories: **Monitoring System**

Quantitative Analysis Patient

CD Leycom has developed the Inca, the only existing clinically approved Intra-Cardiac Pressure-Volume monitoring device that enables real-time monitoring of cardiac function and performance from the ventricular pressure-volume plane in Heart Failure patients. The Inca and its catheters have CE, FDA premarket notification and Japanese Health approval.

The Inca allows the Cardiologist by means of a sensors bearing catheter, to measure simultaneously Pressure and Volume in the heart chambers. Effectively, the heart function is analysed in real time as a pump, providing a unique and readily available perspective on the mechanical efficiency of the heart. The Inca's Pressure-Volume (PV) loop analysis is considered the 'Gold Standard' in measuring cardiac function and performance.

F140

CASIS - CArdiac Simulation & Imaging Software

64A Rue Sully, 21000 Dijon - France
Tel: +33 3 80 40 33 56
Email: jjchristophe@casis.fr - Website: www.casis.fr

Product categories: **Magnetic Resonance Imaging**

Medical Imaging Applications

Quantitative Analysis

We develop, edit and commercialize cardiovascular imaging software. In particular, the software QIR segment your patients MRI exams and quantify the biomarkers you need for diagnosis.

D100

Charité

13353 Berlin - Germany
Tel: +49 304 505 534 07
Email: monika.diek@charite.de - Website: www.charite.de

G460

COMPANY AND PRODUCT DESCRIPTIONS

CLINICAL RESEARCH MALAYSIA

E820

Suite E-10-20, Amcorp Business Suites, Menara Melawangi
Petaling Jaya, Selangor 46050 - Malaysia
Tel: +60 379 605 153

Email: contact@clinicalresearch.my - Website: www.clinicalresearch.my

Product categories: **Clinical Database & Research**
Non-profit Organisation

Clinical Research Malaysia (CRM) exists to advance global health solutions for a brighter, more hopeful future for the people by providing speedy and reliable end-to-end clinical research support for quality studies. As these studies unfold, we work together with our partners to create an impetus in delivering better treatment to our end consumers, while at the same time creating high-skilled job opportunities.

The strength of our operation lies in our innate understanding of the local clinical research landscape and implementation of international standards. This, when considered in parallel to the fundamental backing of the government ministries, provides us with an incomparable advantage, as we work hand-in-hand with our partners from the nascent stages of development to materialisation of the end product.

In the journey towards a brighter and better future, we facilitate the entry of industry-sponsored research into Malaysia, working closely with the government and relevant authorities to ensure that all regulations and best practices are met.

In CRM, we credit the outstanding performance to the team we have anchored from within our organisation. Their endless pursuit of innovation and continuous improvement have propelled CRM forward to optimise the opportunities that come our way. In tandem with our passion for the clinical research landscape, we ensure core values of transparency, honesty, accountability

and trustworthiness resonate throughout CRM. These qualities are also cascaded to our principal investigators and Study Coordinators, who act as the catalysts of the clinical research process.

As CRM vouches for an aspiring future in the clinical research industry, we have implemented mechanisms to expand hospital capacity for clinical trials and tests. This is possible by tapping into our vast talent pool consisting of principal investigators and medical assistants.

CNSystems Medizintechnik GmbH

H470

Reininghausstrasse 13, 8020 Graz - Austria
Tel: +43 316 723 456-0

Email: office@cnsystems.com - Website: www.cnsystems.com

Product categories: **Blood Pressure Measurement Equipment**
Non-Invasive Monitor/Testing
Patient Monitoring System

CNSystems is technology leader in the development of non-invasive medical devices for hemodynamic diagnosis and monitoring.

The Task Force Monitor is the state-of-the-art diagnostic tool for syncope assessment and the AV-optimization of CRT-pacemakers. The CNAP Monitor 500 HD enhances existing hemodynamic monitoring as the non-invasive solution.

The focus lies in raising the level of information to physicians, decreasing the risk of complications and improving outcome for patients making first class medical treatment cheaper and therefore affordable, closing the cycle of prevention, (early) diagnosis and monitoring.

COMPANY AND PRODUCT DESCRIPTIONS

Content Ed Net Medicom

E850

Faas Eliaslaan 5, 3742 AR Baarn - The Netherlands

Email: m.slikker@medicom.nl

Website: www.medicom-publishers.com - www.contentednet.com

Product category: Publishers/Books/Journals

Medicom is the leading publisher of peer-reviewed Conference Reports, with highlights from the major International Medical Conferences.

Content Ed Net Medicom publishes the official ESC Congress in Review series.

Covance / Chiltern

H800

206 Carnegie Center, 08540 Princeton NJ - United States of America
Tel: +1.888.268.2623

Email: covance.inc@covance.com - Website: www.Covance.com

**Product Categories: Cardiac and Lipid Biomarkers
Clinical Database & Research
Clinical Laboratory & Testing Services**

Covance Inc., the drug development business of Laboratory Corporation of America Holdings (LabCorp) headquartered in Princeton, New Jersey, USA, is a global contract research organization providing most comprehensive drug and medical device development services, dedicated to advancing healthcare and delivering Solutions Made Real®. Information on Covance's solutions can be obtained through its website at HYPERLINK "<http://www.covance.com>" www.covance.com.

corpuls | GS Elektromedizinische Geräte G. Stemple GmbH

G400

Hauswiesenstraße 26, 86916 Kaufering - Germany

Tel: +49 819 1 65 7220

Email: info@corpuls.com - Website: corpuls.world/en

**Product categories: Defibrillators
Patient Monitoring System
Resuscitation**

The company GS Elektromedizinische Geräte G. Stemple GmbH was founded in 1982 by the Managing Director and proprietor Günter Stemple.

The corpuls mission ever was (and still is) to design and engineer innovative products, rugged and suitable for preclinical cardiotherapy treatment. Defibrillator/patient monitoring systems with brand name corpuls have set milestones in the implementation of latest medical and scientific findings combined with emergency medical services suitable ergonomics and cost effectiveness. corpuls stands up for the integration of advanced technology with pragmatic functionality at the same time.

Creavo Medical Technologies Ltd

G590

2020 house, Siskin Drive, Middlemarch Business Park
Coventry, West Midlands CV3 4FJ - United Kingdom
Tel: +44 192 667 0560

Email: bob.roopra@rooprmedtech.com - Website: www.creavomedtech.com

**Product categories: In Development
Instrumentation
Non-Invasive Monitor/Testing**

Creavo Medical Technologies (Creavo) is a UK-based, privately-held medical device company that has developed innovative diagnostic techniques for elective and emergency clinical settings.

Creavo's device uses magnetocardiography (MCG) to aid emergency physicians in rapidly identifying patients presenting with chest pain who are at low risk of ischaemic heart disease. It is a mobile device and is designed to be used at the bedside in primary or secondary care environments.

A 750-patient multi-centre UK clinical trial, the largest ever MCG study, is set to conclude in 2018.

COMPANY AND PRODUCT DESCRIPTIONS

CRI - The Clinical Research Institute GmbH

Arnulfstrasse 19, 80335 Munich - Germany

Tel: +49 899 901 6490

Email: info@cri-muc.eu - Website: www.cri-muc.eu

Product category: Clinical Database & Research

CRI - The Clinical Research Institute GmbH, Munich, Germany, is a full-service Contract Research Organization, for phase III and IV clinical trials as well as for observational clinical projects/clinical registries. We perform clinical projects within Europe but we also have reliable partners in USA, Australia and Japan to offer services in those regions in addition. We offer special experience in large-scaled non-commercial trials (IITs) and in studies with medical devices. In addition, we support medtech companies in scientific marketing challenges or technical solutions for all aspects of clinical research.

B900

custo med GmbH

Maria-Merian-Str. 6, Ottobrunn, Bavaria 85521 - Germany

Tel: +49 897 109 800

Email: odilon.lemaire@customed.de - Website: www.customed.de

Product categories: Electrocardiographs
External Holter Equipment
Pulmonary Function

custo med GmbH is operating successfully over 35 years in the field of cardio pulmonary diagnostics. We offer a wide range of hard- and software solutions for Resting/Stress-Test-ECG, ABPM, Holter-ECG, Lung Function, Cardiac Rehab, Cardiorespiratory Polysomnography and E-health. Our brand inspires innovation in cardiovascular diagnostics and efficient data flows in your IT environment. A committed team and competent sales and service partners take care of smooth workflows for you and your employees. We are able to respond flexibly to your organizational needs and requirements.

G100

Daiichi Sankyo Europe GmbH

Zielstattstrasse 48, Munich, 81379 Bavaria - Germany

Tel: +49 897 808 358

Email: alexandra.wolf@daiichi-sankyo.eu - Website: www.daiichi-sankyo.eu

Product categories: Angiotension II Receptor Blocker
(or Inhibitors)
Anticoagulants
Antiplatelet Agents

Daiichi Sankyo Group is dedicated to the creation and supply of innovative pharmaceutical products to address diversified, unmet medical needs of patients in both mature and emerging markets. With over 100 years of scientific expertise and a presence in more than 20 countries, Daiichi Sankyo and its 15,000 employees around the world draw upon a rich legacy of innovation and a robust pipeline of promising new medicines to help people. In addition to a strong portfolio of medicines for hypertension and thrombotic disorders, under the Group's 2025 Vision to become a "Global Pharma Innovator with Competitive Advantage in Oncology," Daiichi Sankyo research and development is primarily focused on bringing forth novel therapies in oncology, including immuno-oncology, with additional focus on new horizon areas, such as pain management, neurodegenerative diseases, heart and kidney diseases, and other rare diseases. For more information, please visit www.daiichi-sankyo.eu.

A300

COMPANY AND PRODUCT DESCRIPTIONS

DOASENSE GmbH

Waldhofer Strasse 102, 69123 Heidelberg - Germany

Tel: +49 622 182 597 85

Email: info@doasense.de - Website: www.doasense.de

Product categories: Anticoagulants

Clinical Laboratory & Testing Services

DOASENSE™ has developed technologies for assessing the presence or absence of direct oral Factor Xa as well as Thrombin inhibitors (DOACs) in urine samples through specific colours.

The colours on urine dipsticks can be identified by the naked eye within 10 minutes.

Different colors are used for Factor Xa- and Thrombin Inhibitors.

Our proprietary technologies for assessing DOACs in urine provide meaningful data to health care professionals, all in an easy, rapid assessment process.

DOAC testing, now fast and easy as with creatinine.

When every minute counts ... fast DOAC testing matters.

Edan Instruments, Inc

No.15 Jinhui Rd., Jiansha Community, Kengzi Subdistrict,

Pingshan Shenzhen PRC, GuangDong 518122

China, People's Republic of

Tel: +86 755 268 162 55

Email: alison.shen@edan.com.cn - Website: www.edan.com.cn

Product categories: Electrocardiographs

Electrophysiology

External Holter Equipment

H650

As a leading designer and manufacturer of medical devices, EDAN has been dedicated to professional ECG diagnosis for years. Started with tabletop ECG machines, EDAN now supplies full solutions covering resting ECG, stress test, holter, PC-based workstation, telemetry, and ECG cloud system. The products are now widely accepted across the globe with appreciations of their innovative designs, firm quality, and premium performance. With constant R&D investments and massive continual clinical studies, EDAN has recently upgraded its ECG practice to another level, along with 18-lead ECG for comprehensive MI diagnosis, as well as ECG cloud for remote diagnosis and group management.

Edwards Lifesciences

Route de l'Etraz 70, 1260 Nyon - Switzerland

Tel: +420 603 222 445

Email: pavlina_moore@edwards.com - Website: www.edwards.com

Product categories: Protheses/Valves/Pumps

Transcatheter Devices

Edwards Lifesciences, based in Irvine, Calif., is the global leader in patient-focused medical innovations for structural heart disease, as well as critical care and surgical monitoring. Driven by a passion to help patients, the company collaborates with the world's leading clinicians and researchers to address unmet healthcare needs, working to improve patient outcomes and enhance lives. For more information, visit Edwards.com and follow us on Twitter @EdwardsLifesci.

E220

B650

COMPANY AND PRODUCT DESCRIPTIONS

Elsevier Ltd

Elsevier Ltd, Langford Lane, Kidlington
OX51GB Oxford - United Kingdom
Tel: +44 207 424 4260
Email: a.so-so@elsevier.com

Product category: Publishers/Books/Journals

Elsevier is a world-leading provider of information solutions that enhance the performance of science, health, and technology professionals, empowering them to make better decisions, deliver better care, and sometimes make groundbreaking discoveries that advance the boundaries of knowledge and human progress.

Elsevier provides web-based, digital solutions – among them ScienceDirect, Scopus, Elsevier Research Intelligence and ClinicalKey – and publishes over 3,800 journals, including JACC Journals and The Lancet, and more than 35,000 book titles, including a number of iconic reference works. Elsevier is part of RELX Group, a world-leading provider of information and analytics for professional and business customers across industries.

E710

Taking focus on the improvement in Clinical accuracy, detection of potentially malignant arrhythmias and estimating Atrial Fibrillation burden, our product Smart Patch B, a rechargeable, noninvasive waterproof long-term monitoring patch, can continuously record single-channel ECG signal for up to 45 days. Owing to the design of full sealed medical silicone rubber shell, it's convenient for users to wear due to its light and soft appearance. Users can view real-time ECG waveform segments by binding their patch in the mobile phone application, carry out such operations as downloading, reviewing and sending real-time waveform as well as ECG event to related doctors.

Ensense Biomedical Technologies Shanghai

RM 101, BLDG 3, MINGPU SQ, 3279 SAN LU HWY
201112 Shanghai - China, People's Republic of
Tel: 861 373 551 2583
Email: zjsun@esnmed.com - Website: www.ensensemed.com

**Product Categories: Electrocardiographs
Non-Invasive Monitor/Testing
Patient Monitoring System**

D130

Ercules Comunicazioni

Via Roma 10, 10023 Chieri, TORINO - Italy
Tel: +39 011 9411080

Email: annamaria.ercules@ercules.it - Website: www.ercules.it

**Product categories: Education/Teaching Aids
Nutrition & Food Services
Publishers/Books/Journals**

E810

The publishing company ERCULES provides to Health Professionals, Pharma Companies, Patients Associations and Institutions: Health Awareness Campaigns, Treatment Compliance Materials, Trial Recruitment Materials to empower patients in making informed decisions and to enhance health literacy worldwide through health education.

We also offer to Health Professionals medical writing services and editorial assistance for the publication of original papers in peer-reviewed Journals.

COMPANY AND PRODUCT DESCRIPTIONS

European Medical Group

E430

88 Wood Street, EC2V 7RS London - United Kingdom

Tel: +44 124 533 4457

Email: sadia.rob@emjreviews.com - Website: www.europeanmedical-group.com

Product category: Publishers/Books/Journals

The European Medical Journal hosts a variety of journals covering 16 therapeutics areas including Cardiology, Neurology, Respiratory and Oncology. By combining editorials from the key opinion leaders with concise news coverage from the leading congresses within the medical industry, it aims to deliver a first-class insight to the most ground-breaking changes and advancements in medicine, from surgical procedures to the latest drug developments and scientific research. Producing high-quality, peer reviewed, open-access journals, its unrivalled collaborations with independent industry professionals across Europe in progressively developing their performance and efficacy.

Ferrer Internacional SA

E400

Avda. Diagonal 549, 08029 Barcelona - Spain

Tel: +34 936 003 700

Email: mmonton@ferrer.com - Website: www.ferrer.com

Product category: Statins

Ferrer is a global partner in the health field worldwide; pharmaceuticals, medical devices, medical technologies, consumer health, with a total commitment to R&D and the final objective to advance the wellbeing of society while respecting nature. Cardiovascular diseases are a key therapeutical area for Ferrer especially in the fields of secondary prevention post-MI, hypertension, heart

failure, dyslipemias, Percutaneous coronary intervention and Pulmonary arterial hypertension. Trinomia® (AAS 100mg; atorvastatin 20mg; ramipril 2.5, 5 or 10mg), a cardiovascular polypill for secondary prevention. Approved in more than 20 countries, it is the first polypill in Europe indicated for secondary cardiovascular prevention. Polypill developed with the Spanish Centre for Cardiovascular Research and Dr. Fuster as Director

Fleischhacker GmbH & Co. KG

E100

An der Silberkuhle 18, D-58239 Schwerte, NRW - Germany

Tel: +49 2304 9310

Email: info@fleischhacker.biz - Website: www.fleischhacker.biz

Product categories: Clinical Database & Research

Digital Health

Pacemakers & Pacing Systems

Based in Schwerte in Germany, Fleischhacker GmbH & Co. KG is a company specialising in medical and laboratory technology with substantial experience in international aid. In Germany, we predominantly supply hospitals, GPs' surgeries, emergency services and corporations. Since 2007 Fleischhacker is distributing its MediConnect software - a comprehensive solution for the management of clinical processes in hospitals and in GPs' surgeries. The ability to record clinical data in a platform-independent system gives structure to workflows and processes. This includes preparation, presentation, communication and archiving of patient and study data, as well as appointment planning. MediConnect is a modern and flexible system.

COMPANY AND PRODUCT DESCRIPTIONS

FUKUDA DENSHI

Fukuda Denshi Co. Ltd, 35-8 Hongo 2 Chome, Bunkyo-ku
113-8420 Tokyo - Japan
Tel: +81 356 841 455

Email: info@fukuda.co.jp - Website: www.fukuda.com

Product categories: **Electrocardiographs
Patient Monitoring System
Ultrasound Imaging**

Fukuda Denshi is a leading Japanese medical devices company with 80 years of experience developing cutting edge technology for the benefit of patients worldwide. Its products range from ECG machines to multiparameter patient monitors, ultrasound devices, and vascular compliance equipment. Fukuda's rich heritage and Japanese-made precision medical equipment make it a leader in the field of cardiology.

Frontiers

Avenue du Tribunal Fédéral 34, 1005 Lausanne - Switzerland

GE Healthcare GmbH

Beethovenstrasse 239, Solingen, BW 42665 - Germany
Tel: +49 212 280 20

Email: sergio.datteri@med.ge.com - Website: www.gehealthcare.com

Product categories: **3D Imaging
Echocardiogram
Ultrasound Imaging**

GE Healthcare provides transformational medical technologies and services to meet the demand for increased access, enhanced quality and more affordable healthcare around the world. GE (NYSE: GE) works on things that matter - great people and technologies taking on tough challenges. From medical imaging, software & IT, patient monitoring and diagnostics to drug discovery, biopharmaceutical manufacturing technologies and performance improvement solutions, GE Healthcare helps medical professionals deliver great healthcare to their patients.

H310

GlaxoSmithKline PLC

980 Great West Road, Brentford, Middlesex TW89GS
United Kingdom

Tel: +61 429 073 541

Email: karl.e.sutherland@gsk.com - Website: www.gsk.com

Product category: **Pulmonary Arterial Hypertension**

GSK - one of the world's leading research-based pharmaceutical and healthcare companies - is committed to improving the quality of human life by enabling people to do more, feel better and live longer. For further information please visit www.gsk.com

B150

Haemonetics SA

Signy Centre, 1274 Signy - Switzerland

G610

Health in Code

Ed. O Fortín, Campus de Oza, As Xubias s/n, 15006 A Coruña - Spain
Tel: +34 881 600 003

Email: congresos@healthincode.com - Website: www.healthincode.com

Product categories: **Cardiomyopathy
Clinical Database & Research
Clinical Laboratory & Testing Services**

Health in Code is a biotechnological company specialized in high quality sequencing services and in the interpretation of genetic testing, providing clinicians with the tool to offer personalized medical care. Our distinctive competence is the combination of the in-house developed Knowledge Management System with an expert dedicated multidisciplinary team, which allows us to provide a unique level of interpretation for the best genotyping.

We are European leaders on the diagnosis of inherited cardiovascular diseases. In addition, our portfolio also includes testing for dyslipidemias - early atherosclerosis and neurological disorders.

F110

COMPANY AND PRODUCT DESCRIPTIONS

HeartSciences

550 Reserve Street, Suite 360, Southlake, TX 76092
United States of America
Tel: +1 737-346-1089

Email: gene.gephart@heartsciences.com - Website: www.heartsciences.com

Product categories: **Cardiomyopathy**
Electrocardiographs
Medical Imaging Applications

HeartSciences is leading innovation in the field of electrocardiography through the application of continuous wavelet transform (CWT) signal processing and artificial intelligence. Wavelet signal processing is currently used in many different industries as an important tool to provide insights and new valuable data related to spectral analysis of a signal. HeartSciences' MyoVista® Wavelet ECG (wavECG™) is a first-to-market 12-lead resting electrocardiograph with new informatics based on wavelet signal processing. Patented informatics focus on energy related information rather than conventional voltage-based information. HeartSciences mission is to enable accurate, affordable screening for the early detection of heart disease.

Hitachi Medical Systems Europe

Sumpfstrasse 13, 6312 Steinhausen - Switzerland
Tel: +41 41 748 63 33

Email: welcome@hitachi-medical-systems.com
Website: www.hitachi-medical-systems.com

Product categories: **Computed Tomography Angiography**
Magnetic Resonance Imaging
Ultrasound Imaging

Hitachi Medical Systems Europe seeks for ultimate image quality in cardiology.

G320

Visit our booth for a demonstration of our new, premium cardiac ultrasound system LISENDO 880, with Pure Image technologies, 3D applications and advanced analysis workstations. Our cardiac line offers non-invasive, real-time and high-precision diagnostic tools for the assessment of complete clinical cardiovascular information. Quantification tools include a Prevention Package for the study of atherosclerosis, such as AutoIMT, eTRACKING (Arterial Stiffness), Wave Intensity (Ventriculo-arterial Coupling), or Flow Mediated Dilatation. We also offer innovative research features like 2D Tissue Tracking and Vector Flow Mapping (Flow/Vortex patterns).

I.E.M. GmbH

Cockerillstrasse 69, 52222 Stolberg - Germany
Tel: +49 240 295 000

Email: m.huelsemann@iem.de - Website: www.iem.de

Product categories: **Arterial Stiffness**
Blood Pressure Measurement Equipment
Non-Invasive Monitor/Testing

I.E.M. is a researcher, developer and manufacturer of validated medical products and services in the field of cardio-vascular screening, diagnostics and follow-up management.

I.E.M. is the global leader in the integration of pulse wave analysis algorithms into an ambulatory blood pressure monitor, allowing for the additional capture of aortic blood pressure, aortic pulse wave velocity and further hemodynamic parameters. Besides devices for long-term blood pressure measurement and pulse wave analysis, I.E.M. focuses on the interventional telemetry, which enables an efficient therapy and compliance management by the vital data collection from home, in particular for the support in heart failure programs.

F100

COMPANY AND PRODUCT DESCRIPTIONS

IMEDIPLUS INC.

G150

2F, 12, ShengYi Rd., Sec. 2, Chupei City, Hsinchu County 302, Taiwan(R.O.C.)

Tel: + 886 365 877 00

Email: karvino.lu@imediplus.com - Website: www.imediplus.com

Product categories: **Digital Health**
Electrocardiographs

IMEDIPLUS INC. is an exuberant and future-oriented biotechnology company. We are one of the advanced medical electronics companies starting from the urgent needs of cardiac care medicine. In view of the importance of heart monitoring and emergency procedures, the research and development of clinical medicine and prospective electronic equipment are combined with technology of innovative medical electronic components, marketing strategies, and commercial operation mode. We are able to develop high-end cardiac care equipment with high-tech, high threshold, high added value, and high-growth, and to provide solution of cardiac care for the needs of market.

Impulse Dynamics Germany GmbH

E150

Breitwiesenstr. 19, 70565 Stuttgart, Baden Württemberg - Germany

Tel: +49 711 220 456 17

Email: c.jaschko@impulse-dynamics.com

Website: www.impulse-dynamics.com

Product category: **Cardiac Resynchronization**

Impulse Dynamics, a member of the Hobart Group of companies, is focused on the development of electrical therapies for the treatment of chronic heart failure. As a global leader in cardiac medical innovation, Impulse Dynamics has operations in the United States, Europe, Asia and Australia. For more information, please visit www.impulse-dynamics.com.

The Optimizer® Smart device, which delivers Cardiac Contractility Modulation therapy, has been successfully launched in Europe and is available in a growing number of cardiology centers. Over 3000 patients worldwide have already received the treatment through the Optimizer® III or IVs device, the only device therapy available for patients with a narrow QRS complex. Impulse Dynamics has completed extensive clinical studies, including several randomized controlled trials, published in articles in over 60 leading medical journals. The Optimizer® Smart is approved in the United States for investigational use only.

Invitalis GmbH

G120

Ferdinand-Braun-Strasse 22, 85053 Ingolstadt - Germany

Tel: +49 841 370 780 90

Email: info@invitalis.com - Website: www.invitalis.com

Product category: **Digital Health**

JAMA Network

E730

330 N. Wabash Avenue, Suite 39300, Chicago, IL 60611
United States of America

Tel: +1 312 464 5000

Email: millette.jackson-bates@ama-assn.org

Website: www.jamanetwork.com

Product category: **Publishers/Books/Journals**

Building on a tradition of editorial excellence, The JAMA Network brings JAMA together with 11 specialty journals, including JAMA Cardiology, to offer enhanced access to the research, viewpoints, and medical news shaping medicine today and into the future. JAMA Network Open, an open access, general medical journal, launched in early 2018.

COMPANY AND PRODUCT DESCRIPTIONS

Lifetech Scientific Corporation

Oliemolenstraat 60, 6416CB, Heerlen Netherlands
Tel: 86 18682276527

Email:marcus.wen@lifetechmed.com - Website: www.lifetechmed.com

Product Categories: **Catheter Equipment**
Transcatheter Devices
Vascular Therapies

LifeTech Scientific Corporation (Stock Code: 1302.HK) is the leading supplier of minimally invasive interventional medical devices to treat cardiovascular diseases. Our product includes occluders of congenital heart defect, occluders of structure heart defect, stent graft of aorta and peripheral vascular disease, and other transcatheter devices and equipments.

Littman Stethoscopes

Carl-Schurz Strasse 1, 41453 Neuss - Germany
Tel: +49 213 114 4305

Email: aeming@mmm.com - Website: www.littmann.co.uk

Product Category: **Auscultation**

A trusted leader in innovative auscultation technology, Littmann stethoscopes are renowned worldwide for unsurpassed quality. The Littmann brand name is your assurance of precision, acoustical superiority, innovative design and exceptional performance. During exhibit hall hours, a wide variety of stethoscopes will be for sale to meet your auscultation needs. FREE on-site engraving available with purchase!

E120

MDPI

St. Alban-Anlage 66, 4052 Basel - Switzerland
Tel: +41 616 837 734

Email: jcm@mdpi.com - Website: www.mdpi.com

Product categories: **Education/Teaching Aids**
Non-profit Organisation
Publishers/Books/Journals

A pioneer in scholarly open access publishing, MDPI has supported academic communities since 1996. Based in Basel, Switzerland, MDPI has the mission to foster open scientific exchange in all forms, across all disciplines. Our 196 diverse, peer-reviewed, open access journals are supported by over 35,500 academic editors. We serve scholars from around the world to ensure the latest research is freely available and all content is distributed under a Creative Commons Attribution License (CC BY).

E740

B100

Medical Imaging Technologies

Porfyrvägen 5, SE-22478, Lund - Sweden
Tel: +46 733 771 374

Email: anna.wanland@medicinskbildteknik.se

Website: www.medicalimagingtechnologies.com

Product category: **Medical Imaging Applications**

Medical Imaging Technologies provides clinical audio-visual solutions for image management within the hospital environment. With more than 100 installations at 40 hospitals across 12 countries, our systems are used in medical disciplines such as interventional cardiology, radiology, neurology, urology, surgery and speech and language pathology. Founded in 2009 and proudly headquartered in Lund, Sweden, we are an international group of companies established in India, the Nordics, UAE and UK. We are certified in accordance with ISO-13485. Our products aim to simplify imaging work-flows, enhance the accuracy of diagnosis and improve patient outcomes.

G500

COMPANY AND PRODUCT DESCRIPTIONS

Medis Medical Imaging Technologies

Schuttersveld 9 - 2316 XG - Leiden - Netherlands

Tel: + 31 71 522 3244

Email: mbleichrodt@medis.nl - Website: www.medis.nl

Product Categories: **Medical Imaging Applications**
Quantitative Analysis
3D Imaging

Since 1989 Medis medical imaging systems is a leading provider of software for the quantification of cardiovascular images. Its software solutions enable medical professionals to ensure efficient, cost-effective and high-quality image analysis. Our highlight at the ESC will be the demonstration of our image-based solution for the functional assessment of coronary stenoses based on 3D QCA and patient specific flow velocities, the QFR® (Quantitative Flow Ratio). In addition, we will present the QAngio® CT for plaque burden assessment from CTA. These products are now available as Apps on our Medis® Suite imaging platform that also supports cardiovascular MRI Apps.

H100

Product categories: **Clinical Database & Research**
Physician Practice Services
Publishers/Books/Journals

Medscape Cardiology is the leading online destination for physicians and healthcare professionals worldwide, offering the latest medical news and expert perspectives as well as essential point-of-care drug and disease information, and continuing medical education in a variety of engaging formats.

For more than 20 years, we have focused on improving patient care by providing comprehensive clinical information and resources essential to physicians and health professionals.

medscape.com/cardiology

Medset Medizintechnik GmbH

G500

Curslacke Neuer Deich 66, 21029 Hamburg - Germany

Tel: +49 (0)40 725 822-0

Email: info@medset.com - Website: www.medset.com

Product categories: **Blood Pressure Measurement Equipment**
Electrocardiographs
External Holter Equipment

Specialized in PC-Systems for Holter Analysis and ECG Management for Hospitals and Private offices - in General - PC based Cardio Vascular Systems - Holter, ECG, ABPM, Spiro and Ergo Spirometry.

MEDITERRANEAN CARDIOLOGY MEETING

H820

Via Sassonia 30, 47922 Rimini - Italy

Medscape Cardiology

A500

395 Hudson Street, 3rd Floor - New York, NY 10014

United States of America

Tel: +1 212 301 6700

Email: info@medscape.com - Website: www.medscape.com/cardiology

COMPANY AND PRODUCT DESCRIPTIONS

Medtronic International Trading SARL

E210

Route du Molliau 31, Tolochenaz, VD 1311 - Switzerland

Tel: +41 218 027 000

Email: brooke.l.neus@medtronic.com - Website: www.medtronic.eu

Product categories: **Cardiac Resynchronisation**
Patient Monitoring System
Transcatheter Devices

Patients are at the center of everything we do –and we believe medical technology can play an even greater role in improving people's lives. Visit the Medtronic booth at E210 to see the latest advances in medical technology and services for cardiovascular disease and cardiac arrhythmias. Join us in our commitment to take healthcare Further, Together. www.medtronic.eu.

MENARINI GROUP

D800

1, Avenue de la Gare, 1611 Luxembourg - Luxembourg

Tel: +39 055 568 099 26

Email: rzenga@menarini.it - Website: www.menarini.com

Product categories: **Antianginal Agents**
Anti-hypertensive Agents
Beta Blockers

Menarini Group is the leading Italian pharmaceutical company in the world, a guarantee of internationally recognised quality. Menarini is present in over 100 countries across the globe. The product involved in ESC 2017 will be: Febuxostat, Nebivolol (plain and combi), Olmesartan Franchise (plain, combi, and triple combi), Ranolazine, Zofenopril (plain and combi) and a fixed combination of Phytosterols and Red yeast rice.

Microlife AG

D310

Espenstrasse 139, 9443 Widnau - Switzerland

Tel: +41 717 277 041

Email: info@microlife.ch - Website: www.microlife.com

Product categories: **Blood Pressure Measurement Equipment**
Patient Monitoring System

Microlife is one of the world leaders in the development and manufacturing of blood pressure monitoring equipment for home and institutional use. We strive for high quality, reliability and accuracy. We develop technology for the benefit of your health and set the quality standard just as high as for professional applications. Our medical devices are clinically validated and guarantee the highest level of safety. Microlife's technology provides you with accurate and reliable solutions. Our vision is to empower people through our products and services to be able to manage and promote their own health.

MIDES GmbH

H460

Graz, Steiermark 8010 - Austria

Tel: +433 164 265 0010

Email: lucijana.manovic@mides.com - Website: www.mides.com

Product category: **Ultrasound Imaging**

MIDES Healthcare technology - specialist in ultrasound as imaging representation.

Sales in 54 countries worldwide

Ultrasound - probe repairs

Certified company (ISO 9001 and ISO13485) the European market leader in the ultrasound probe repair. Service and repair of default -, 3D / 4D probes - and TEE probes.

New: Ultrasound - Endoscopy - Repair

Leading international supplier of ultrasound devices (New / Demo / Refurbished) and spare parts to B2B and retail.

COMPANY AND PRODUCT DESCRIPTIONS

Mitsubishi Chemical Europe GmbH

Willstaetterstrasse 30, 40549 Düsseldorf - Germany

Tel: +49 211 520 5410

Email: f.ocklenburg@mc-e.de - Website: www.pathfast.eu

Product categories: **Cardiac and Lipid Biomarkers**
Quantitative Analysis

PATHFAST is a small immunoanalyzer suitable for laboratory and Point of Care (POC) testing. Main use is fast testing (15 min) for AMI (high sensitivity Troponin I) or AHF (NT-proBNP) as well as sepsis (Presepsin) and other biomarker used at POC (Myoglobin, CK-MB mass, D-Dimer, hs-CRP and beta-HCG)

PATHFAST provides fast quantitative results in central lab quality at the Point of Care.

H620

Mylan

Hegenheimermattweg 127, 4123 Allschwil - Switzerland

Tel: +41 79 540 11 39

Email: sabah.abibes@mylan.com - Website: www.mylan.com

Product categories: **Anticholesterol**
Anti-hypertensive Agents
Nutrition

Mylan is a global pharmaceutical company committed to setting new standards in healthcare. Working together around the world to provide access to high quality medicine, we innovate to satisfy unmet needs and service excellence a habit. We offer a growing portfolio around the world, including antiretroviral therapies on which more than 40% of people being treated for HIV/AIDS globally depend. We market our products in more than 165 countries and territories. We are one of the world's largest producers of active pharmaceutical ingredients. Every member of our approximately 35,000-strong workforce is dedicated to creating better health for a better world, one person at a time.

E600

NEJM Group

860 Winter Street, Waltham, MA 02451 - United States of America

Tel: +1 781 434 7414

Email: lchase@mms.org - Website: www.nejmgroup.org

Product categories: **Publishers/Books/Journals**
Education/Teaching Aids

NEJM Group creates high-quality medical resources for research, learning, practice and professional development designed to meet the demand for essential medical knowledge among academic researchers and teachers, physicians, clinicians, executives and others in medicine and health care. NEJM Group products include the New England Journal of Medicine, NEJM Journal Watch, NEJM Knowledge+, NEJM Catalyst and NEJM Resident 360. NEJM Group is a division of the Massachusetts Medical Society. For more information visit www.nejmgroup.org

E800

NORAV Medical GmbH

Otto-von-Guericke Ring 10, Wiesbaden, Hessen 65205 - Germany

Tel: +49 612 270 5240

Email: info@norav.com - Website: www.norav.com

Product categories: **Blood Pressure Measurement Equipment**
Electrocardiographs
External Holter Equipment

Norav Medical (founded in 1993), is the leader in wireless and wired PC-ECG products.

Norav systems are simple to use and economical while clinically and technologically at the cutting edge. Norav systems include: Wireless ECG, Wireless Stress ECG systems via radiofrequency, PCECG, Telemetry Rehabilitation ECG, Ambulatory ECG, ECG Management Systems, Holter Blood Pressure Monitors, MEANS interpretation and Triggers for imaging systems. All Norav systems conform to open interfacing standards, and are CE and FDA marked. Products are marketed and serviced around the world via distribution Partners and subsidiaries. Norav Excels in providing OEM and private label solutions.

H450

COMPANY AND PRODUCT DESCRIPTIONS

NorthEast Monitoring Inc

141 Parker Street, Suite 111, Maynard, MA 01754
Massachusetts - United States of America
Tel: +1 866 346 5837

Email: bhennessy@nemon.com - Website: www.nemon.com

Product categories: External Holter Equipment
Patient Monitoring System
Quantitative Analysis

NorthEast Monitoring's mission is to develop and manufacture high quality, cost-effective, and innovative solutions for cardiology, respiratory, and pulmonary applications. As the inventor of the world's first 14-day dual Holter and event recorder, NorthEast Monitoring is committed to producing innovative solutions to help physicians navigate the complex world of ambulatory cardiac monitoring. We provide both "best in class" recorders as well as our analytical software platform.

Novartis Pharma AG

Forum 1, Novartis Campus, 4056 Basel - Switzerland
Tel: +41 613 241 111

Email: media.relations@novartis.com - Website: www.novartis.com

About Novartis

Novartis provides innovative healthcare solutions that address the evolving needs of patients and societies. Headquartered in Basel, Switzerland, Novartis offers a diversified portfolio to best meet these needs: innovative medicines, cost-saving generic and biosimilar pharmaceuticals and eye care. Novartis has leading positions globally in each of these areas. In 2017, the Group achieved net sales of USD 49.1 billion, while R&D throughout the Group amounted to approximately USD 9.0 billion. Novartis Group companies employ approximately 122,000 full-time-equivalent associates. Novartis products are sold in approximately 155 countries around the world. For more information, please visit <http://www.novartis.com>.

B920

Novo Nordisk A/S

Novo Allé 1, 2880 Bagsvaerd - Denmark
Tel: +45 444 488 88

Email: xses@novonordisk.com - Website: www.novonordisk.com

Product category: Antidiabetic Agents

Novo Nordisk is a global healthcare company with more than 90 years of innovation and leadership in diabetes care. This heritage has given us experience and capabilities that also enable us to help people defeat obesity, haemophilia, growth disorders and other serious chronic diseases. Headquartered in Denmark, Novo Nordisk employs approximately 41,700 people in 77 countries and markets its products in more than 165 countries. For more information, visit novonordisk.com, Facebook, Twitter, LinkedIn, YouTube

B500/B700

OMRON Healthcare Europe B.V.

Scorpius 33, 2132 LR Hoofddorp - The Netherlands
Tel: +31 235 544 700

Email: info.omronhealthcare@eu.omron.com

Website: www.omron-healthcare.com

Product category: Blood Pressure Measurement Equipment

Committed to helping people live a freer and more fulfilling life with zero compromise, OMRON Healthcare is a global leader in the field of clinically proven, innovative medical equipment for health monitoring and therapy.

OMRON Healthcare is the Global No.1 brand in both digital blood pressure monitors, with over 200 million blood pressure monitors sold, as well as nebulizers for respiratory treatment.

For many decades, OMRON's devices have helped people to prevent, treat and manage their medical conditions both at home and in clinical practice in over 110 countries in the world.

H600

COMPANY AND PRODUCT DESCRIPTIONS

Orion Pharma

Orionintie 1, FI-02200 Espoo - Finland

Tel: +358 104 264 909

Email: pirita.einimo-ranta@orionpharma.com

Website: www.orionpharma.com

Product categories: **Cardiotonic Agents**
Vasodilators

Orion is a globally operating pharmaceutical company, founded in Finland in 1917. Orion Pharma's proprietary drug levosimendan (SIMDAX®) is a unique inodilator with sustained hemodynamic effects and symptom control which was developed to treat patients with acute heart failure, and patients in need of inotropic therapy. The mechanism of action of SIMDAX® does not evoke an increase of oxygen consumption in the myocardium. SIMDAX® has been proven effective and well tolerated in several randomized clinical trials in a total of over 7000 patients. Up to date, over 1,5 million patients in over 60 countries worldwide have been treated with SIMDAX®.

Osaka University/HEARTROID PROJECT

2-2, Yamadaoka, Suita, 565-0871 Osaka - Japan

Tel: +81 668 793 630

Email: okayama@cardiology.med.osaka-u.ac.jp

Website: www.cardiology.med.osaka-u.ac.jp

Product categories: **Angioplasty**
Catheter Equipment
Physician Practice Services

"HEARTROID" is a training system with a heart model and a pulsatile pump for physicians' self-practices in PCI, TAVI, EP(PVI), EVT, RDN and other intervention procedures.

G470

This system offers clear angiographic image under X-ray in the cath lab, bench training outside the lab with short set-up time.

Young physicians can improve their skills while experienced doctors can simulate new catheter devices.

Device manufacturing company can use this for testing prototypes or promoting their own devices.

Oxford University Press

C100

Great Clarendon Street, OX2 6DP Oxford - United Kingdom

Emails: jnlmarketing@oup.com - medicine.books.uk@oup.com

Website: www.oup.com

Product category: **Publishers/Books/Journals**

Oxford University Press is proud to partner with the European Society of Cardiology to publish some of the most prestigious and trusted cardiovascular medicine resources in the world, including the European Heart Journal and Cardiovascular Research.

ESC CardioMed, a dynamic new online resource across the whole of the field of cardiovascular medicine, will be launched at this year's congress. ESC CardioMed is linked to clinical practice guidelines in the European Heart Journal, and will be updated regularly online. Visit our stand to explore ESC CardioMed, collect free journal samples, and access exclusive book discounts including 30% off ESC titles.

COMPANY AND PRODUCT DESCRIPTIONS

PCM Scientific

140 London Wall, London, E149NN London
Greater London - United Kingdom
Tel: + 44 207 214 0667

Email: jude@pcmscientific.com - Website: www.pcmscientific.com

Product Categories: Anticoagulants Education/Teaching/Aids

PCM Scientific has an impressive track record in developing large-scale European CME initiatives that yield measurable results. Our talented CME and medical education specialists create enduring programmes that demonstrate sustained clinical practice improvements. From live CME events to cutting-edge eLearning platforms, our switched-on approach to course design ensures content is impactful, interactive and engaging. PCM Scientific is a founding member of the Good CME Practice (gCMEp) Group, dedicated to setting high standards in CME and independent education. NOAC education is a multi-format, CME-accredited educational programme aiming to support clinicians in providing optimal anticoagulation care. Website: www.noaceducation.com

PCR

19, allées Jean Jaurès, 31000 Toulouse - France
Tel: +33 5 34 45 26 45

Email: contact@europa-group.com - Website: www.pcronline.com

The mission of PCR is to serve the needs of each individual patient by helping the cardiovascular community to share knowledge, experience and practice. Its activities cover a large spectrum, from the organisation of annual courses in Europe, Asia and the Middle East to editing a scientific journal, publishing textbooks as well as providing training sessions and online courses on thematic subjects. Courses are based on themes like Coronary Interventions, Hypertension and Stroke, Peripheral Interventions, Valvular Disease and Heart Failure.

H810

Pfizer Inc

235 E. 42nd Street, 10017 New York - United States of America
Tel: +1 212 733 2323
Email: deborah.j.hummel@pfizer.com - Website: www.pfizer.com

Product category: Cardiomyopathy

At Pfizer, we apply science and our global resources to bring therapies to people that extend and significantly improve their lives. We strive to set the standard for quality, safety and value in the discovery, development and manufacture of health care products. Our global portfolio includes medicines and vaccines as well as many of the world's best-known consumer health care products. Every day, Pfizer colleagues work across developed and emerging markets to advance wellness, prevention, treatments and cures that challenge the most feared diseases of our time.

D400

PHILIPS

Veenpluis 4-6, 5684PC, Best - The Netherlands
Tel: +31 205 977 777

Email: healthcare@philips.com - Website: www.philips.com/healthcare

Product categories: Radiology Ultrasound Imaging

Enabling better health and better care at lower cost
Philips is a leading health technology company focused on improving people's lives across the health continuum - from healthy living and prevention, to diagnosis, treatment and home care. Applying advanced technologies and deep clinical and consumer insights, Philips delivers integrated solutions that improve people's health and enable better outcomes. Partnering with its customers, Philips seeks to transform how healthcare is delivered and experienced. The company is a leader in diagnostic imaging, image-guided therapy, patient monitoring and health informatics, as well as in consumer health and home care.

H200

E450

COMPANY AND PRODUCT DESCRIPTIONS

Physicians' Academy for Cardiovascular Education **D290**

P.O. Box 916, 2003 RX Haarlem - The Netherlands

Tel: +31 235 317 357

Email: onno.kaagman@medconinternational.com

Website: www.pace-cme.org

Product categories: **Education/Teaching Aids**
Non-profit Organisation

The Physicians' Academy for Cardiovascular Education (PACE-CME) foundation is an organization that is established to meet the need for high-quality cardiovascular education. The rationale for establishing PACE-CME comes from the recognition that physician education plays an increasingly important role in our efforts to reduce the global burden of cardiovascular disease and diabetes. The PACE foundation is an initiative of renowned experts in different areas of cardiovascular disease. Since its inception, PACE-CME has initiated a large number of high quality educational initiatives worldwide.

Portola Pharmaceuticals

H700

270 East Grand Ave, South San Francisco, CA 94080

United States of America

Tel: +1 650 246 7000

Email: mbeard@portola.com - Website: www.portola.com

Product category: **Anticoagulants**

Portola Pharmaceuticals is a biopharmaceutical company developing product candidates that could significantly advance the fields of thrombosis and other hematologic diseases. Our first commercial product, Bevyxxa® (betrixaban), an oral,

once-daily Factor Xa inhibitor anticoagulant, is approved in the United States. We are also advancing the clinical development of two other compounds, including AndexXa® (andexanet alfa), a recombinant protein designed to reverse the anticoagulant effect in patients treated with an oral or injectable Factor Xa inhibitor, and cerdulatinib, a Syk/JAK inhibitor in development to treat hematologic cancers.

Preventicus GmbH

D110

Tatzendpromenade 2, Jena, 07745 - Germany

Tel: +49 170 227 2622

Email: dirk.eichler@preventicus.com - Website: www.preventicus.com

Product categories: **Digital Health**
Non-Invasive Monitor/Testing
Patient Monitoring System

Preventicus provides a certified European cloud service, which performs medical grade heart rhythm analysis, based on pulse wave recordings captured with a standard smartphone camera or smartwatch. Patients do not need extra accessories or devices. Smartphones are used for AF population screening. Smartwatch application using PPG data are designed for continuous passive 24/7 rhythm analysis for months or years, especially in patients after cryptogenic stroke.

Preventicus connects to your ecosystem: patients measurements will be transferred directly to hospital or doctor information systems.

Preventicus applications, plugins and cloud services are CE marked medical devices and clinically validated in large international multicenter studies.

COMPANY AND PRODUCT DESCRIPTIONS

PulmoKard GmbH

Gahlenfeldstrasse 47, 58313 Herdecke - Germany

Tel: +49 233 097 830

Email: cager@pulmokard.de - Website: www.pulmokard.de

Product Categories: **Electrophysiology**
Clinical Database & Research

EPPerfect electrophysiology system: EP-recording system - 3D navigation system - Ablator - Cooling pumpCardiology information system.

G600

ResMed

292 allée Jacques Monod, 69791 Saint Priest - France

Tel: +33 4 26 10 02 00

Email: perrine.fily@resmed.fr - Website: www.resmed.com

Product category: **Devices for Sleep Disordered Breathing**

ResMed (NYSE: RMD, ASX: RMD) changes lives with award-winning medical devices and cloud-based software applications that better diagnose, treat and manage sleep apnea, chronic obstructive pulmonary disease (COPD) and other chronic diseases. ResMed is a global leader in connected care, with more than 4 million patients remotely monitored every day. Our 6,000-strong team is committed to creating the world's best tech-driven medical device company - improving quality of life, reducing the impact of chronic disease, and saving healthcare costs in more than 120 countries. ResMed.com

E420

Recordati Spa

via M. Civitali 1, IT-20148 Milano - Italy

Tel: +39 024 878 7571

Email: caneparo.ml@recordati.it

Product categories: **Beta Blockers**
Calcium Channel Blockers
Statins

Recordati, established in 1926, is an international pharmaceutical group, listed on the Italian Stock Exchange, dedicated to the research, development, manufacturing and marketing of pharmaceuticals products in cardiovascular, urological and psychiatric areas. Recordati is committed to the research and development of new specialties with a focus on treatments for rare diseases.

G350

Roche Diagnostics International Ltd

Forrenstrasse 2, 6343 Rotkreuz - Switzerland

Tel: +41 795 784 973

Email: zahira.servera@roche.com - Website: www.roche.com

Product category: **Cardiac and Lipid Biomarkers**

Roche is a global pioneer in pharmaceuticals and diagnostics focused on advancing science to improve people's lives. Roche is the world's largest biotech company, with truly differentiated medicines in oncology, immunology, infectious diseases, ophthalmology and diseases of the central nervous system. Roche is also the world leader in in vitro diagnostics and tissue-based cancer diagnostics, and a frontrunner in diabetes management. The combined strengths of pharmaceuticals and diagnostics under one roof have made Roche the leader in personalised healthcare - a strategy that aims to fit the right treatment to each patient in the best way possible.

E250

RenalGuard Solutions Inc

Borstellor Chaussee 55, 22453 MA - United States of America

Email: info@renalguard.com

G440

COMPANY AND PRODUCT DESCRIPTIONS

Rontis AG

G340

Bahnhofstrasse 7, CH 6300, CH 6300 Zug - Switzerland
Tel: +41 41 72 04 212

Email: pavlos.zakakis@rontis.com - Website: www.rontis.com

Product categories: **Angioplasty**
Balloons Stents
Coronary Angiography

Rontis AG, a Swiss-based international company consists of five (5) divisions: Medical Devices, Pharmaceutical, Dermaceutical, Infant Nutrition products, and Healthcare (dialysis) Services. Rontis AG develops innovative technologies for the treatment of CAD & PAD. Our three E.U.-based factories serve also as an R&D platform for medical devices like PTCA and PTA balloons and stents systems, as well as pharmaceuticals for customers worldwide; also provides OEM / private label services for international customers, under their own specifications. Our products are CE marked; our notified body is DEKRA, Germany. Recently, we have received U.S.A. FDA approval for our PTA balloon Cronus HP and more products will follow

Rooti Labs Limited

B950

5F-1, No.71, Zhouzi St., Neihu Dist., 11493 Taipei City - Taiwan, ROC
Tel: +886 226 560 618

Email: peter.chou@rootilabs.com - Website: www.rooticare.com

Product categories: **Electrocardiographs**
External Holter Equipment
Non-Invasive Monitor/Testing

Rooti Labs is a telemetry solution company redefining the way cardiopulmonary is clinically diagnosed by combining our wearable bio-sensing technology with deep learning. As a pioneer in developing a robust, wearable monitoring device, we have attracted widespread attention from around the globe, especially from those in the medical profession, by our Rooti Rx and RootiCare system.

We are creating solutions towards a more efficient medical landscape. Rooti Rx and RootiCare aim to help both doctors and patients with an effective, tetherless monitoring solution. With more medical partners, we will be able to create a stronger network for doctors and patients.

SAGE Publishing

C120

1 Oliver's Yard, EC1Y 1SP London - United Kingdom

Tel: +44 207 324 8500

Email: joanne.mccluskey@sagepub.co.uk - Website: www.sagepublishing.com

Product category: **Publishers/Books/Journals**

Sara Miller McCune founded SAGE Publishing in 1965 to support the dissemination of usable knowledge and educate a global community. SAGE publishes more than 1,000 journals and over 800 new books each year, spanning a wide range of subject areas. Our growing selection of library products includes archives, data, case studies and video. SAGE remains majority owned by our founder and after her lifetime will become owned by a charitable trust that secures the company's continued independence. Principal offices are located in Los Angeles, London, New Delhi, Singapore, Washington DC and Melbourne. www.sagepublishing.com

COMPANY AND PRODUCT DESCRIPTIONS

SANOFI

54, rue La Boétie, 75008 Paris - France

Tel: +1 908 981 2618

Email: robyn.gay@sanofi.com - Website: www.sanofi.com/en/

Product category: Anticholesterol

Sanofi is a global biopharmaceutical company focused on human health dedicated to supporting people through their health challenges. We prevent illness with vaccines, provide innovative treatments to fight pain and ease suffering. We stand by the few who suffer from rare diseases and the millions with long-term chronic conditions. Regeneron, a leading biopharmaceutical company, discovers, develops, manufactures, and commercializes biologic medicines for serious medical conditions. Since 2007, Sanofi and Regeneron have collaborated to develop and commercialize fully human monoclonal antibodies utilizing proprietary technologies.

SCHILLER

Altgasse 68, CH-6341 Baar, ZG - Switzerland

Tel: +41 417 664 205

Email: lotti.deringer@schiller.ch - Website: www.schiller.ch

Product categories: Electrocardiographs External Holter Equipment Resuscitation

SCHILLER is a world-leading manufacturer and supplier of devices for cardiopulmonary diagnostics, emergency care, defibrillation and patient monitoring as well as software solutions for the medical industry. Founded in 1974 by Alfred E. Schiller as a one-man

B800

business, SCHILLER, distinguished by financial autonomy as well as continuous growth and innovations, has become a successful group with 30 subsidiaries and a global sales network.

"The Art of Diagnostics" is infinitely creative and inspires us to continuously improve our products and progress.

SERVIER INTERNATIONAL

A200

50 rue Carnot, 92284 Suresnes Cedex - France

Tel: +33 1 55 72 75 22

Email: sophie.nisse-durgeat@servier.com - Website: www.servier.com

Product categories: Angiotensin Converting Enzyme (ACE) Inhibitors Antianginal Agents Anti-hypertensive Agents

Servier is an international pharmaceutical company governed by a non-profit foundation, with its headquarters in France (Suresnes). With a strong international presence in 148 countries and a turnover of 4.152 billion euros in 2017, Servier employs 21,600 people worldwide. Entirely independent, the Group reinvests 25% of its turnover (excluding generic drugs) in research and development and uses all its profits for development. Corporate growth is driven by Servier's constant search for innovation in five areas of excellence: cardiovascular, immune-inflammatory and neuropsychiatric diseases, cancers and diabetes, as well as by its activities in high-quality generic drugs.

COMPANY AND PRODUCT DESCRIPTIONS

Siemens Healthineers

Henkestrasse 127, Erlangen, Bavaria D-91052 - Germany
Tel: +49 913 1840

Email: contact.healthcare@siemens.com

Website: www.siemens-healthineers.com

Product categories: **Computed Tomography Angiography**
Magnetic Resonance Imaging
Ultrasound Imaging

Siemens Healthineers enables healthcare providers worldwide to increase value by empowering them on their journey towards expanding precision medicine, transforming care delivery, improving patient experience and digitalizing healthcare. A leader in medical technology, Siemens Healthineers is constantly innovating its portfolio of products and services in its core areas of diagnostic and therapeutic imaging and in laboratory diagnostics and molecular medicine. Siemens Healthineers is also actively developing its digital health services and enterprise services.

In fiscal 2017, which ended on September 30, 2017, Siemens Healthineers generated revenue of €13.8 billion and profit of €2.5 billion and has about 48,000 employees worldwide. Further information is available at www.siemens-healthineers.com.

SOLUSCOPE-LABORATOIRE ANIOS

Pavé du Moulin, 59260 Lille Hellemme - France

Tel: +33 3 20 67 67 67

Email: mathilde.lalau@anios.com - Website: www.soluscope.com

Product category: **Supplies**

Soluscope presents Serie TEE, the innovative and automatic

H400

reprocessor dedicated to transesophageal probes.

Serie TEE cleans and disinfects your TEE probe in 14 min. Its small foot print makes it convenient and flexible to use. It reduces your daily workload and increases your productivity.

Serie TEE benefits from Soluscope 25 years' experience and proven technology combined with a true understanding of medical processes and provides a global high-quality customers services. Integrated in the Laboratoire Anios group, major player in healthcare and disinfection, Soluscope is the ideal partner for Safe, Efficient and Reliable solution for probes, users and patients.

SOMNOMedics GmbH

B400

Am Sonnenstuhl 63, 97236 Randersacker - Germany

Tel: +49 931 359 094 57

Email: jh@somnomedics.de - Website: www.somnomedics.eu

Product categories: **Arterial Stiffness**
Blood Pressure Measurement Equipment
Devices for Sleep Disordered Breathing

SOMNOMedics designs, manufactures and distributes products dedicated to cardiology, hypertensiology and sleep diagnostics. Our devices are small, light-weight and patient-worn. We offer cuff based and non-cuff based solutions for longterm ABPM based on the PTT (Pulse Transit Time). The patented method allows the blood pressure to be measured continuously, beat-to-beat without reaction. Under consideration of additional parameters, we compensate the negative effects of the cuff - even within our cuff-based device - such as falsification due to arousals or changes in body position. Thanks to the continuous recording, all minima and maxima in the blood pressure curve are recorded exactly.

G520

COMPANY AND PRODUCT DESCRIPTIONS

Thrombosis Research Institute

B600

Emmanuel Kaye Building, Manresa Rd, SW3 6LR London
United Kingdom

Tel: +44 203 198 9895

Email: fknight@tri-london.ac.uk

Websites: /www.tri-london.ac.uk - www.garfieldregistry.org

Product categories: Clinical Database & Research

Non-profit Organisation

Internationally renowned for pioneering, multi-disciplinary research, the Thrombosis Research Institutes are dedicated to the study of thrombosis and related disorders.

Two research establishments in London and Bangalore are united by their shared mission: To provide excellence in thrombosis research, education and patient care and to develop new strategies to prevent and treat thrombosis, thereby reducing healthcare costs and saving millions of lives. The Thrombosis Research Institute, London, UK (registered charity number 800365) was established in 1989, with the backing of the then Prime Minister, Margaret Thatcher, specifically to conduct research into cardiovascular disease (of the heart and blood vessels), a major cause of death and disability throughout the world.

This was followed in 2006, with the founding of the Thrombosis Research Institute, Bangalore, India (registered charity number BNG (U) ANKL S.R/D. No. 117/03-04). Officially opened and dedicated to the Nation by the then President of India, His Excellency Dr A P J Abdul Kalam, this second facility has been set up to study the genetics of heart disease particularly among the South Asian population, who seem to have specific predisposing genetic characteristics and to develop novel and affordable therapies for disease prevention and treatment.

TOMTEC IMAGING SYSTEMS GMBH

B410

Edisonstrasse 6, 85716 Unterschleissheim, Bavaria - Germany
Tel: +49 893 217 5585

Email: claudia.vonchossy@tomtec.de - Website: www.tomtec.de

Product categories: 3D Imaging

Medical Imaging Applications

Ultrasound Imaging

TOMTEC IMAGING SYSTEMS GMBH, with headquarter located in Munich, Germany, is a worldwide leader for medical image software solutions. Specialized in cardiology it offers state-of-the-art solutions for clinical customers and industry partners. The products encompass a wide range of 2D and 3D/4D technology for visualization, automated analysis, quantification, reporting and image management. TOMTEC products are available for adult and pediatric cardiology, obstetrics, gynecology, radiology and vascular diagnostics. Moreover, TOMTEC offers a sustainable full-service component in sales and an education program with best-practice sharing among professionals.

The company claim "Excellence in Digital Healthcare" represents striving for excellent image and analysis quality, ease-of-use, reproducibility of automated measurements and an all-around service- and education offering. The company maintains close working relationships with many leading universities and research institutes around the world.

COMPANY AND PRODUCT DESCRIPTIONS

Welch Allyn GmbH

Hofgartenstraße 16, 72379 Hechingen - Germany

Tel: +49 747 198 41 140

Email: info@welchallyn.com - Website: www.welchallyn.com

Product categories: **Electrocardiographs**
Patient Monitoring System
Sport Cardiology

With the industry's broadest range of diagnostic cardiology solutions, we help people get better care, inside and outside the hospital. Backed by clinical excellence, connected solutions and continuous innovation, Welch Allyn Cardiology is proud to be powered by Mortara.

H350

Wiley

9600 Garsington Road, Oxford OX4 2DQ - United Kingdom

Tel: +44 186 547 6380

Email: customer@wiley.com - Website: www.wiley.com

Product category: **Publishers/Books/Journals**

It's the knowledge age - and it's Wiley's customers who lead the world's knowledge economy.

Our customers drive progress by providing quality education, the right skills to fulfil global demand and scientific research to fuel innovation. Our customers care, their organizations succeed and the world benefits.

Wiley develops digital education, learning, assessment and certification to help universities, businesses and individuals bridge between education and employment and achieve their ambitions.

We partner with learned societies and support researchers to communicate discoveries that make a difference. Our digital content, books and 1600 online journals build on a 200 year heritage of quality publishing.

C150

Wisepress Medical Bookshop

15 Lyon Road, London, Merton SW19 2RL - United Kingdom

Tel: +44 208 715 1812

Email: info@wisepress.com - Website: www.wisepress.com

Product category: **Education/Teaching/Aids**

Wisepress.com, Europe's leading conference bookseller, has a complete range of books and journals relevant to the themes of the meeting. Books can be purchased at the stand or, if you would rather not carry them, posted to you - Wisepress will deliver worldwide. In addition to attending 200 conferences per year, Wisepress has a comprehensive medical and scientific bookshop online with great offers.

E900

Wolters Kluwer Health

Two Commerce Sq, 2001 Market Street, Philadelphia, PA 19103

United States of America

Tel: +1 215 521 8300

Email: joey-rose.jester@wolterskluwer.com - Website: shop.lww.com

Product category: **Publishers/Books/Journals**

Wolters Kluwer Health is a leading global provider of medical information and point of care solutions for the healthcare industry. Our solutions are designed to help professionals build clinical competency and improve practice so that healthcare organizations can succeed in value-based care delivery models. We offer premier medical, nursing and allied health content; clinical decision support tools; drug information and patient surveillance; structured documentation and coding; healthcare terminology, data management and systems interoperability solutions; precision medical research tools; and continuing medical education solutions. Our leading product solutions include Lippincott®, Ovid®, UpToDate®, and others.

E700

COMPANY AND PRODUCT DESCRIPTIONS

Zenikor Medical Systems AB

22 Saltmätargatan 8, 113 59 STOCKHOLM - Sweden

Tel: +46 844 268 60

Email: info@zenikor.se - Website: www.zenikor.se

Product categories: **Digital Health**
Electrocardiographs
Non-Invasive Monitor/Testing

Zenikor Medical Systems AB has, since the start in 2003, become one of the leading medtech companies in Europe in the fields of early diagnosis of arrhythmias and stroke prevention for health care. Zenikor has developed a unique system, Zenikor-ECG, for early detection and diagnosis of arrhythmias easily and cost-effectively. The Zenikor-ECG has been evaluated in more than 25 clinical studies and four scientific theses, and among these is the STROKESTOP study.

Zenikor-ECG is established in more than 350 clinics in the Nordics, Germany, Austria, Switzerland and Great Britain.

F130

Zoll CMS GmbH

D220

Emil-Hoffmann-Str. 13, 50996 Cologne - Germany

Tel: +49 223 687 87 14

Email: jsigle@zoll.com - Website: www.lifevest.zoll.com

Product categories: **Cardiomyopathy**
Defibrillators
Patient Monitoring System

About ZOLL Medical Corporation

ZOLL Medical Corporation, an Asahi Kasei Group Company, develops and markets medical devices and software solutions that help advance emergency care and save lives, while increasing clinical and operational efficiencies. With products for defibrillation and monitoring, circulation and CPR feedback, data management, therapeutic temperature management, and ventilation, ZOLL provides a comprehensive set of technologies that help clinicians, EMS and fire professionals, and lay rescuers treat victims needing resuscitation and acute critical care. For more information, visit www.zoll.com.

Start ENTRESTO®▼ sooner
in your NYHA Class II patients with HFrEF,¹
and keep them on the right path.

ENTRESTO helps patients
stay out of the hospital,
live longer, and feel better.¹⁻³

 **Entresto®**
sacubitril/valsartan
THE SOONER, THE BETTER.

 Take the fastest path to Exhibition 2, booth E300

NYHA = New York Heart Association; HFrEF = heart failure with reduced ejection fraction.

References: 1. ENTRESTO® Summary of Product Characteristics, European Medicines Agency, 2018, <http://www.ema.europa.eu>, 2. Claggett B, et al, *N Engl J Med*. 2015;373(23):2289-2290, 3. Lewis EF, et al, *Circ Heart Fail*. 2017;10(8):e003430.

▼ This medicinal product is subject to additional monitoring.

Active Substances: sacubitril and valsartan. Composition. Active substances: 1 film-coated tablet contains: 24.3 mg or 48.6 mg or 97.2 mg sacubitril and 25.7 mg or 51.4 mg or 102.8 mg valsartan (as sacubitril valsartan sodium salt complex). Other ingredients: Tablet core: microcrystalline cellulose, low-substituted hydroxypropylcellulose, croscopolidone type A, magnesium stearate, talc and silica colloidal anhydrous. Tablet coating: hypromellose, substitution type 2910 (3 mPa•s), titanium dioxide (E171), macrogol 4000, talc, iron oxide red (E172), 24 mg/26 mg film-coated tablets and 97 mg/103 mg film-coated tablets contain in addition: iron oxide black (E172), 49 mg/51 mg film-coated tablets contain in addition: iron oxide yellow (E172). **Therapeutic indication:** Indicated in adult patients for treatment of symptomatic chronic heart failure with reduced ejection fraction. **Contraindications:** Hypersensitivity to the active substances or to any of the excipients. Concomitant use with ACE inhibitors. Entresto must not be administered until 36 hours after discontinuing ACE inhibitor therapy. Known history of angioedema related to previous ACE inhibitor or ARB therapy. Hereditary or idiopathic angioedema. If angioedema occurs, Entresto should be immediately discontinued. Concomitant use with aliskiren-containing medicinal products in patients with diabetes mellitus or in patients with renal impairment (eGFR <60 ml/min/1.73 m²). Severe hepatic impairment, biliary cirrhosis and cholestasis. Second and third trimester of pregnancy. Breast-feeding. **Undesirable effects:** Very common: hyperkalaemia, hypotension, renal impairment. Common: anaemia, hypokalaemia, hyponatraemia, hypoglycaemia, dizziness, headache, syncope, vertigo, orthostatic hypotension, cough, diarrhoea, nausea, gastritis, renal failure (including acute renal failure), fatigue, asthenia. Uncommon: hypersensitivity, dizziness postural, pruritus, rash, angioedema. **Subject to medical prescription. For further information:** See SmPC dated April 2018 (MS 05/18.7). **Novartis Pharma GmbH, Roonstr. 25, 90429 Nürnberg.** Tel.: (0911) 273-12653. www.novartis.de

This information material is for distribution and use only at ESC Congress 2018 in Munich.

Start ENTRESTO®▼ sooner
in your NYHA Class II patients with HFrEF,¹
and keep them on the right path.

ENTRESTO helps patients
stay out of the hospital,
live longer, and feel better.¹⁻³

 **Entresto®**
sacubitril/valsartan
THE SOONER, THE BETTER.

 Take the fastest path to Exhibition 2, booth E300

NYHA = New York Heart Association; HFrEF = heart failure with reduced ejection fraction.

References: 1. ENTRESTO® Summary of Product Characteristics, European Medicines Agency, 2018, <http://www.ema.europa.eu>, 2. Claggett B, et al, *N Engl J Med*. 2015;373(23):2289-2290, 3. Lewis EF, et al, *Circ Heart Fail*. 2017;10(8):e003430.

▼ This medicinal product is subject to additional monitoring.

Active Substances: sacubitril and valsartan. Composition: Active substances: 1 film-coated tablet contains: 24.3 mg or 48.6 mg or 97.2 mg sacubitril and 25.7 mg or 51.4 mg or 102.8 mg valsartan (as sacubitril valsartan sodium salt complex). Other ingredients: Tablet core: microcrystalline cellulose, low-substituted hydroxypropylcellulose, croscopovidone type A, magnesium stearate, talc and silica colloidal anhydrous. Tablet coating: hypromellose, substitution type 2910 (3 mPa•s), titanium dioxide (E171), macrogol 4000, talc, iron oxide red (E172), 24 mg/26 mg film-coated tablets and 97 mg/103 mg film-coated tablets contain in addition: iron oxide black (E172), 49 mg/51 mg film-coated tablets contain in addition: iron oxide yellow (E172). **Therapeutic indication:** Indicated in adult patients for treatment of symptomatic chronic heart failure with reduced ejection fraction. **Contraindications:** Hypersensitivity to the active substances or to any of the excipients. Concomitant use with ACE inhibitors. Entresto must not be administered until 36 hours after discontinuing ACE inhibitor therapy. Known history of angioedema related to previous ACE inhibitor or ARB therapy. Hereditary or idiopathic angioedema. If angioedema occurs, Entresto should be immediately discontinued. Concomitant use with aliskiren-containing medicinal products in patients with diabetes mellitus or in patients with renal impairment (eGFR <60 ml/min/1.73 m²). Severe hepatic impairment, biliary cirrhosis and cholestasis. Second and third trimester of pregnancy. Breast-feeding. **Undesirable effects:** Very common: hyperkalaemia, hypotension, renal impairment. Common: anaemia, hypokalaemia, hypoglycaemia, dizziness, headache, syncope, vertigo, orthostatic hypotension, cough, diarrhoea, nausea, gastritis, renal failure (including acute renal failure), fatigue, asthenia. Uncommon: hypersensitivity, dizziness postural, pruritus, rash, angioedema. **Subject to medical prescription. For further information:** See SmPC dated April 2018 (MS 05/18.7). **Novartis Pharma GmbH, Roonstr. 25, 90429 Nürnberg.** Tel.: (0911) 273-12653. www.novartis.de

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Patients with type 2 diabetes
should expect more after metformin

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**NEW Once-Weekly
Ozempic®**

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*In addition to other medicinal products for the treatment of diabetes.



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HQMMA/OZ/0518/0008, Approval date: June 2018

**ONCE-WEEKLY
OZEMPIC®**
semaglutide injection

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Ozempic® (semaglutide injection) ABBREVIATED PRESCRIBING INFORMATION

Presentation: Ozempic 1.34 mg/ml solution for injection in pre-filled pen. One pre-filled pen contains 2 mg of semaglutide in 1.5 ml solution. **Uses:** Ozempic® is indicated for the treatment of adults with insufficiently controlled type 2 diabetes mellitus as an adjunct to diet and exercise as Monotherapy; when metformin is considered inappropriate due to intolerance or contraindications. Combination therapy: in addition to other medicinal products for the treatment of diabetes. For study results with respect to combinations, effects on glycaemic control and cardiovascular events, and the populations studied, see the full Summary of Product Characteristics. **Dosage and Administration:** The starting dose is 0.25 mg Ozempic® once weekly. After 4 weeks the dose should be increased to 0.5 mg once weekly. After at least 4 weeks with a dose of 0.5 mg once weekly, the dose can be increased to 1 mg once weekly to further improve glycaemic control. Ozempic® is to be administered once weekly at any time of the day, with or without meals. Ozempic® is to be injected subcutaneously in the abdomen, in the thigh or in the upper arm. Ozempic® should not be administered intravenously or intramuscularly. When Ozempic® is added to existing metformin and/or thiazolidinedione therapy, the current dose of metformin and/or thiazolidinedione can be continued unchanged. When Ozempic® is added to existing therapy of sulfonylurea or insulin, a reduction in the dose of sulfonylurea or insulin should be considered to reduce the risk of hypoglycaemia. **Elderly:** No dose adjustment is required based on age. Therapeutic experience in patients aged ≥ 75 years of age is limited. **Renal impairment:** No dose adjustment is required for patients with mild, moderate or severe renal impairment. Experience in patients with severe renal impairment is limited. Not recommended for use in patients with end-stage renal disease. **Hepatic impairment:** No dose adjustment is required for patients with hepatic impairment. Experience in patients with severe hepatic impairment is limited. Caution should be exercised when treating these patients with Ozempic®. **Paediatric population:** The safety and efficacy of Ozempic® in children and adolescents below 18 years have not yet been established. No data are available. **Contraindications:** Hypersensitivity to the active substance or to any of the excipients. **Special warnings and precautions for use:** Ozempic® should not be used in patients with type 1 diabetes mellitus or for the treatment of diabetic ketoacidosis. Ozempic® is not a substitute for insulin. There is no experience in patients with congestive heart failure NYHA class IV and Ozempic® is therefore not recommended in these patients. The possibility of gastrointestinal adverse reactions should be considered when treating patients with impaired renal function as nausea, vomiting, and diarrhoea may cause dehydration, which could cause a deterioration of renal function. Patients should be informed of the characteristic symptoms of acute pancreatitis. If pancreatitis is suspected, Ozempic® should be discontinued; if confirmed, Ozempic® should not be restarted. Caution should be exercised in patients with a history of pancreatitis. Patients treated with Ozempic® in combination with a sulfonylurea or insulin may have an increased risk of hypoglycaemia. Consider reducing the dose of sulfonylurea or insulin when initiating treatment with Ozempic®. In patients with diabetic retinopathy treated with insulin and Ozempic®, an increased risk of developing diabetic retinopathy complications has been observed. Caution should be exercised when using Ozempic® in patients with diabetic retinopathy treated with insulin. These patients should be monitored closely and treated according to clinical guidelines. Rapid improvement in glucose control has been associated with a temporary worsening of diabetic retinopathy, but other mechanisms cannot be excluded. **Interactions:** Ozempic® delays gastric emptying and has the potential to impact the rate of absorption of concomitantly administered oral medicinal products. Ozempic® should be used with caution in patients receiving oral medicinal products that require rapid gastrointestinal absorption. No dose adjustment of paracetamol, oral contraceptives (ethinylestradiol and levonorgestrel), atorvastatin, warfarin, digoxin or metformin is necessary when administered with Ozempic®. For further details of these interaction studies, please see the Summary of Product Characteristics. **Pregnancy and lactation:** Ozempic® should not be used during pregnancy. If a patient wishes to become pregnant, or pregnancy occurs during treatment, Ozempic® should be discontinued. Ozempic® should not be used during breast-feeding. Effect of Ozempic® on fertility in humans is unknown. **Driving or using machines:** When Ozempic® is used in combination with a sulfonylurea or insulin, patients should be advised to take precautions to avoid hypoglycaemia while driving and using machines. **Undesirable Effects:** The most frequently reported adverse reactions with Ozempic® in clinical trials were gastrointestinal disorders, including nausea, diarrhoea and vomiting. Adverse reactions by system organ class and absolute frequencies identified in all phase 3a trials listed here as *Very common* ($\geq 1/10$): Hypoglycaemia when used with insulin or sulfonylurea, nausea, diarrhoea; *Common* ($\geq 1/100$ to $< 1/10$): Hypoglycaemia when used with other OADs, decreased appetite, dizziness, diabetic retinopathy complications, vomiting, abdominal pain, abdominal distension, constipation, dyspepsia, gastritis, gastro-oesophageal reflux disease, eructation, flatulence, cholelithiasis, fatigue, increased lipase, increased amylase, weight decreased; *Uncommon* ($\geq 1/1,000$ to $< 1/100$): dysgeusia, increased heart rate, injection site reactions; *Rare* ($\geq 1/10,000$ to $< 1/1,000$): anaphylactic reaction. For further details of these side-effects, please see the Summary of Product Characteristics, which is available at www.novonordisk.com. **Marketing authorisation number:** EU/1/17/1251/001. **Date of preparation:** FEBRUARY 2018



The abbreviated Prescribing Information (aPI) is based on the EU Summary of Product Characteristics (SmPC) as of February 2018. Registration conditions differ internationally. Always refer to the full local SmPC before prescribing. Ozempic® is not distributed in Germany.

ONCE-WEEKLY
OZEMPIC®
semaglutide injection

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ACTELION SATELLITE SYMPOSIUM
SUNDAY, 26 AUGUST 2018, 13:00 – 14:00
ROOM ALGIERS – VILLAGE 3

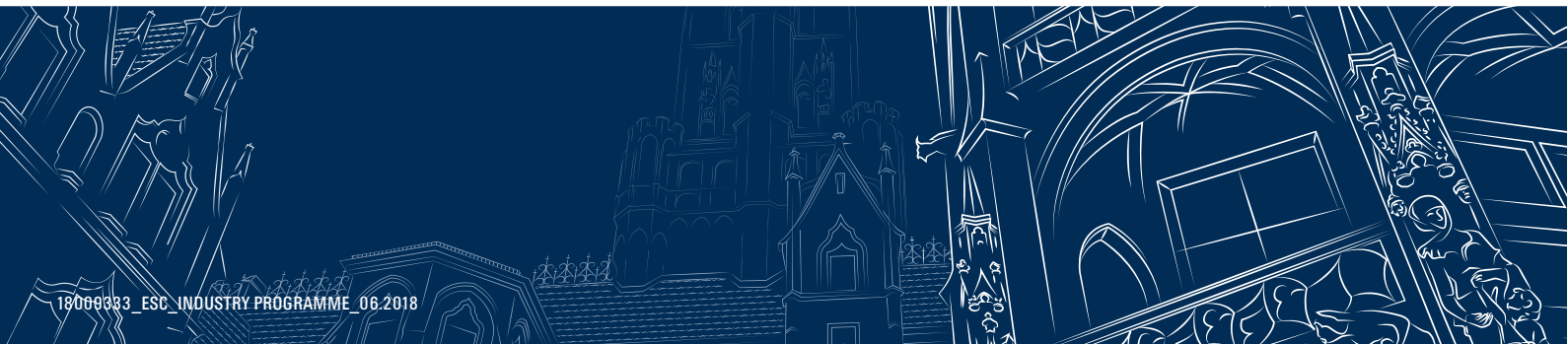
Achieve more in PAH – Translating insights into patient benefits, Volume 1

Marius M. Hoeper (*Co-Chair*), Hannover, Germany
Irene Lang (*Co-Chair*), Vienna, Austria
Nazzareno Galiè, Bologna, Italy
Jean-Luc Vachiéry, Brussels, Belgium

ACTELION SATELLITE SYMPOSIUM
MONDAY, 27 AUGUST 2018, 13:00 – 14:00
ROOM BRUSSELS – VILLAGE 4

Achieve more in PAH – Translating insights into patient benefits, Volume 2

Stephan Rosenkranz (*Co-Chair*), Cologne, Germany
Adam Torbicki (*Co-Chair*), Otwock, Poland
Fabrice Bauer, Rouen, France
Vallerie McLaughlin, Ann Arbor, USA



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