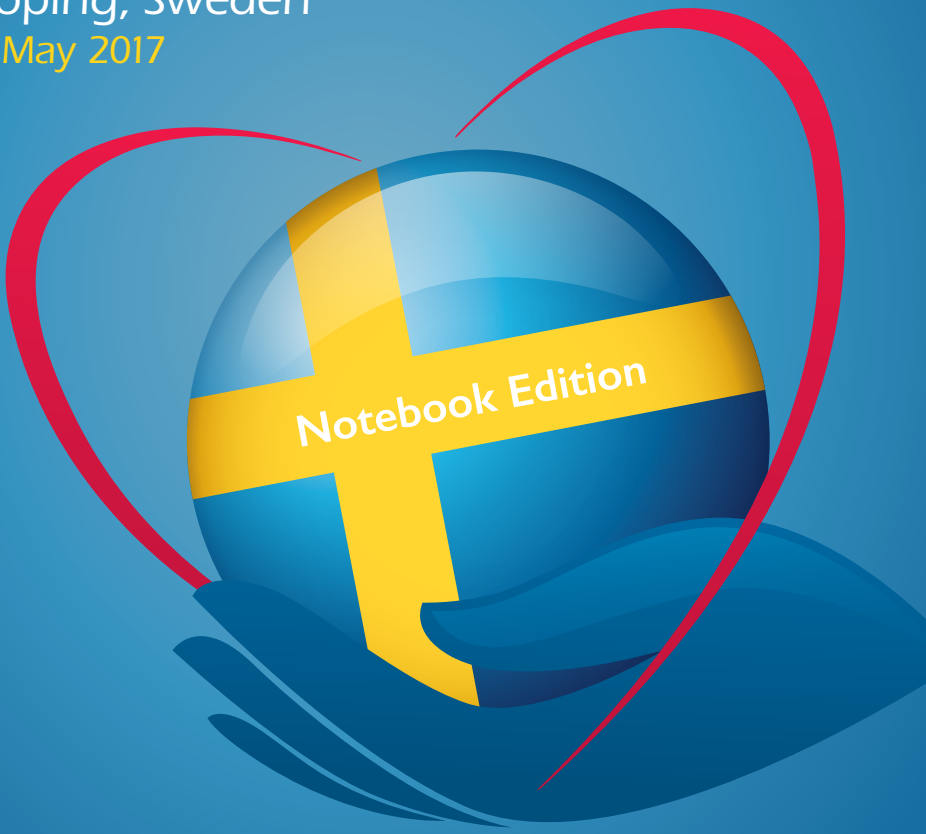
EuroHeartCare

ANNUAL CONGRESS OF THE COUNCIL ON
CARDIOVASCULAR NURSING AND ALLIED PROFESSIONS

Jönköping, Sweden
18-20 May 2017

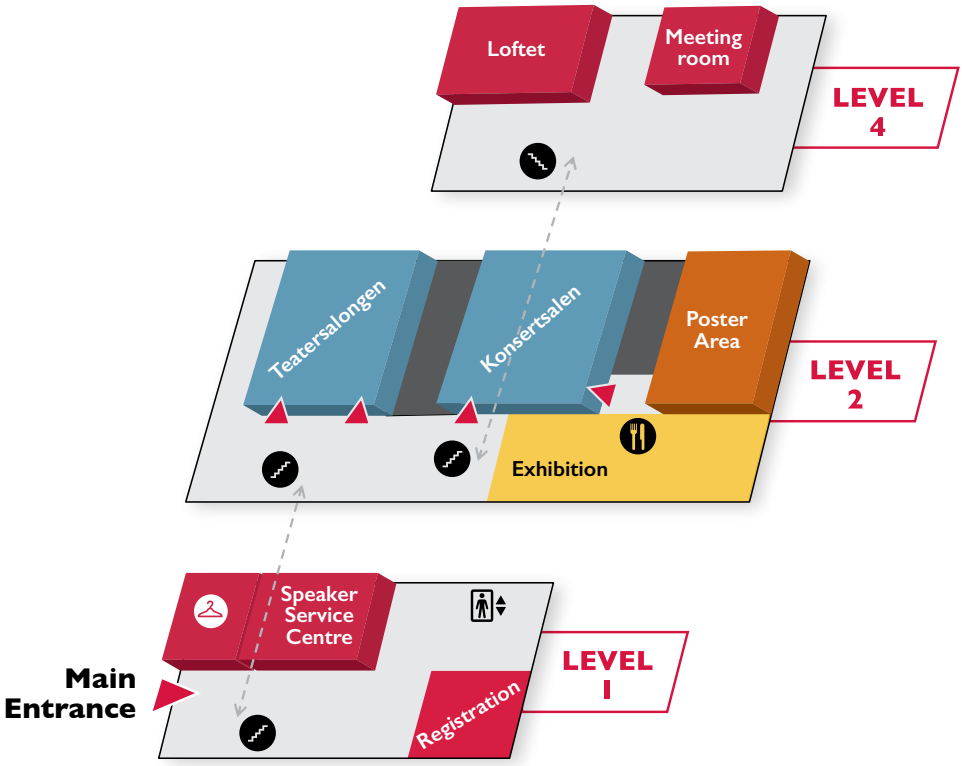


Final Programme

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#euroheartcare

VIC
ESC COUNCIL
Cardiovascular Nursing and Allied Professions
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Building Overview



Welcome

The ESC Council on Cardiovascular Nursing and Allied Professions and

The Swedish Association on Cardiovascular Nursing and Allied Professions

Wish you a warm

Welcome to EuroHeartCare 2017!

&

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Come and meet us on the stands in the exhibition area.

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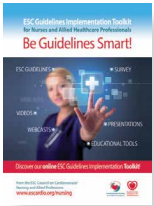
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CONTACT DETAILS

Organiser

ESC Congress Division EuroHeartCare Secretariat
2035, Route des Colles – Les Templiers
CS 80179 Biot, 06903 Sophia Antipolis Cedex – France
ehcare@escardio.org

Venue

Spira Cultural Centre
Smaland musik & teater
Kulturgatan 3, 553 24 Jönköping, Sweden
Website: www.smot.se

The organisers would like to express their sincere thanks to the city of Jönköping for their warm welcome and for their support through their convention bureau "Destination Jönköping". Without this logistic and financial support EuroHeartCare 2017 would not have been possible in Jönköping.

CPR Workshops



Resuscitate your skills and take part in the EuroHeartCare 2017 - CPR Competition!

Get the latest CPR information from the Swedish Resuscitation Council (SRC) and methodology from Ryhov Hospital in a self-practice area and then test your skills against other delegates!

The competition will consist of performing single rescuer basic CPR (adult) for a 2-minute-period.

Date & Time:
"Drop-in" workshops from 08:30 - 16:30 on Friday 19 May and from 08:30 - 14:30 on Saturday 20 May.

Location:
Loftet meeting rooms on Level 4.

General Information



Did you know?

All registered delegates are entitled to a complimentary online subscription to the *European Journal of Cardiovascular Nursing* for 2017.

Consult the Programme

- **Scientific Programme & Planner:** available on www.escardio.org/EuroHeartCare
- **EuroHeartCare 2017 Mobile App:** the most up to date programme and the fastest way to search sessions, speakers and topics. Search for "EuroHeartCare 2017" in the App Store® or in Google play.

Consult the Abstracts

All accepted abstracts are published in an online supplement of the European Journal of Cardiovascular Nursing and are available to consult through the Scientific Programme & Planner and the EuroHeartCare 2017 Mobile App.

Practical

Certificates

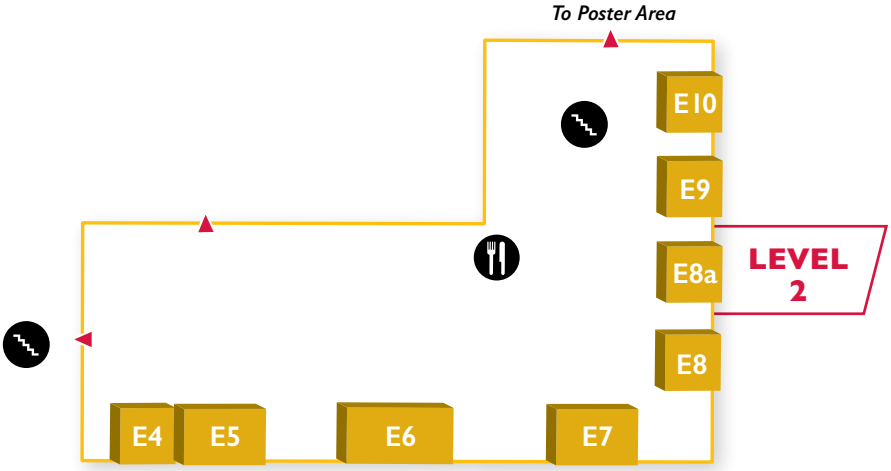
Certificates of attendance will be available from the registration desk on Saturday 20 May. **Certificates of presentation for abstract presenters** can be requested at the poster assistance desk in the poster area and will be sent by email after the congress.

Continuing medical education (CME) accreditation

This continuing education activity has been approved by the International Council of Nurses (ICN) for the award of International Continuing Nursing Education Credits (ICNECs).
Certificates can be requested online immediately after the congress.
You will be contacted by email with the necessary information and links.

Exhibition

As an integral part of the congress, the exhibition provides delegates with the opportunity to exchange with key industry experts on critical areas of development and research in cardiovascular products and therapies. The exhibition will be a central hub for scientific discussion and exchange during the congress.



Opening Hours

Friday 19 May	08:00 – 18:30
Saturday 20 May	08:00 – 16:30

EXHIBITORS

AMGEN Sweden	E10
AstraZeneca	E5
Council on Cardiovascular Nursing and Allied Professions (CCNAP) / European Society of Cardiology (ESC)	E6
Irish Nurses Cardiovascular Association	E8a
Novartis Sverige AB	E4
OPTILOGG (CareLigo)	E9
SAGE Publishing	E7
The Swedish Association on Cardiovascular Nursing and Allied Professions (VIC)	E8

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From the ESC Council on Cardiovascular Nursing and Allied Professions

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The ESC Council on Cardiovascular Nursing and Allied Professions (CCNAP) / European Society of Cardiology (ESC) E6

Tel: +334 92 94 76 00
Website: www.escardio.org/nursing

The ESC Council on Cardiovascular Nursing and Allied Professions (CCNAP)
Our mission: "Promoting excellence in Cardiovascular Nursing and Allied Professions through practice, education and research".
CCNAP has grown from a Working Group to a vibrant Council proposing activities, grants and awards to nurses and allied healthcare professionals. The main objective is to support nurses and allied health professionals to deliver the best possible care to patients with cardiovascular disease and to their families. This is done through the creation and delivery of a diverse programme of activities, including education, research and mentorship.

The European Society of Cardiology (ESC) comprises 56 National Cardiac Societies from Europe and the Mediterranean basin, 15 Working Groups, 6 Associations, 6 Councils and the distinguished community of ESC Fellows. These constituent bodies make up the ESC membership of over 96 000 cardiology professionals. To fulfill its mission of "reducing the burden of cardiovascular disease", the ESC provides scientific and educational activities and products, such as Clinical Practice Guidelines, educational courses and material, registries on specific disease areas and the organisation of major cardiology congresses.

Irish Nurses Cardiovascular Association E8a

Website: www.incanursing.ie

Come and meet the hosts of EuroHeartCare 2018!

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Email: info@careligo.se
Website: www.optilogg.com

Careligo provides heart failure patients with an easy to use solution that guides them to improve their self care behavior, leading to increased everyday quality of life and to reductions of in-hospitals days. With our service OPTILOGG we provide unsurpassed patient commitment, and the use and benefits of OPTILOGG have been shown in two randomized controlled trials.

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The Swedish Association on Cardiovascular Nursing and Allied Professions (VIC) E8

Website: www.v-i-c.nu

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SCIENTIFIC PROGRAMME



THURSDAY 18 MAY
Workshop Sessions

16:00 - 19:00 **WORKSHOP** **Spira Cultural Centre**

Publishing scientific studies that have an impact on cardiac care and future research

Chairpersons: *G. Lee (London, GB)*

Introduction and welcome. 1
G. Lee (London, GB)

Impact and influence. 2
G. Lee (London, GB); T. Jaarsma (Norrkoping, SE); A. Stromberg (Linkoping, SE)

Submitting and reviewing. 3
J. Tagney (Bristol, GB); E. Vellone (Rome, IT)

Open discussion and interactions with the audience. Meet the editors' & publishers' session. 4
T. Jaarsma (Norrkoping, SE); D. K. Moser (Lexington, US); G. Lee (London, GB); L. Skelding (London, GB)

Workshop Faculty. 5
E. Marques Sule (Valencia, ES)

16:00 - 19:00 **WORKSHOP** **Spira Cultural Centre**

ECG Interpretation workshop

Chairpersons: *M. Macintosh (Sheffield, GB)*

This ECG workshop is aimed at anyone who wishes to develop or consolidate their ECG interpretation skills. Whilst some of the content in the workshop will focus on ECG abnormalities that can be quite challenging, the workshop will be able to meet a range of needs and experience in ECG interpretation; from those relatively new to the topic, to those with more experience.
Goals: To provide an opportunity to develop a systematic approach to the interpretation of the ECG To explore common but difficult challenges in ECG interpretation.
To recognise important ECG warning signs.

A facilitator led presentation will demonstrate a systematic approach to the interpretation of the 12 Lead ECG and discuss tips and pitfalls in diagnosing abnormalities. 6

Common but difficult challenges in ECG interpretation will be explored including mimics of Coronary Heart Disease, ECG markers of arrhythmogenic conditions, arrhythmias, and conduction problems. 7

Guided practice of ECG interpretation and diagnosis with example ECG's. 8

ECG quiz. 9

THURSDAY 18 MAY
Inaugural Session

19:00 - 20:00 | **SPECIAL EVENT** | **Konsertsalen**

INAUGURAL SESSION

Chairpersons: *J. Martensson (Jönköping, SE); T. Jaarsma (Norrkoping, SE)*

Welcome from the ESC Council of Cardiovascular Nurses and Allied Professions (CCNAP).
E. Lambrinou (Limassol, CY)

Welcome from the Swedish Association on Cardiovascular Nursing and Allied Professions.
M. Back (Gothenburg, SE)

Welcome from the European Society of Cardiology (ESC).
D. Fitzsimons (Belfast, GB)

Keynote Lecture: Team work, knowledge integration and performance in cardiovascular care.
K. Dracup (San Francisco, US)

Keynote Lecture: Cardiovascular Nursing in the last decades.
B. G. A. Fridlund (Varberg, SE)

Join us afterward in the exhibition for the networking reception

ESC COUNCIL Cardiovascular Nursing and Allied Professions

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FRIDAY 19 MAY
Morning Scientific Sessions

08:30 - 10:00 **SYMPOSIUM** **Konsertsalen**

ESC guidelines, what's new, what changes in practice are needed to ensure their implementation?

Chairpersons: ***T. M. Norekval (Bergen, NO); C. S. Jennings (London, GB)***

This session is part of the CCNAP "Be Guidelines Smart" programme aimed at ensuring all nurses and allied professionals across Europe are trained on implementing the latest ESC Guidelines on Heart Failure, CVD Prevention & Dyslipidaemias.

At the end of this session the attendees should be able to:

- *Identify the changes from the old to the new guidelines.*
- *Identify the changes in the guidelines in relation to clinical practice.*
- *Interpret the new guidelines.*
- *Suggestions and reflexions about the changes in clinical practice that are needed for implementation of the new guidelines.*
- *Deduce the challenges implementation of new guidelines can imply for clinical practice*

08:30 Be Guidelines Smart. **12A**
C. S. Jennings (London, GB)

08:40 Introduction to changes in the new ESC prevention guidelines. **12**
M.-L. Lochen (Tromso, NO)

09:00 New BLS and ACLS guidelines. **13**
A. Regan (Lancaster, GB)

09:20 New atrial fibrillation guidelines. **14**
S. Cartledge (Melbourne, AU)

09:40 New heart failure guidelines. **15**
T. Jaarsma (Norrkoping, SE)

08:30 - 10:00 **SYMPOSIUM** **Teatersalongen**

Strategies to improve mental health and Wellbeing in the cardiac patient

Chairpersons: ***P. Johansson (Linkoping, SE); T.B. Rasmussen (Copenhagen N, DK)***

At the completion of this symposium the participant will be able to:

- *Identify the most commonly used and effective scientific ways to deliver cognitive behaviour therapy.*
- *Identify key symptoms of anxiety and be able to discuss aspects of treatment.*
- *Cite current thinking and innovations in the field of resilience and coping strategies.*
- *Enumerate novel insights gained from this newer area of intervention - mindfulness.*

08:30 Approaches to the delivery of Cognitive Behavioural Therapy for depression in cardiac disease and heart failure. **16**
J. Lundgren (Norrkoping, SE)

08:52 Reducing anxiety related to cardiovascular disease. **17**
S. Kikkenborg Berg (Copenhagen, DK)

09:15 Resilience and coping in cardiovascular disease. **18**
C. Nahlen Bose (Upplands Vasby, SE)

09:37 Mindfulness. **19**
C. F. Ski (Melbourne, AU)

FRIDAY 19 MAY
Morning Scientific Sessions

10:00 - 11:00 **MODERATED POSTER** **Moderated Poster Area**

Moderated poster session 1 - Education and Behaviours aspects - Psycho - Social

Chairpersons: ***G. Hamilton (Svartskog, NO); P. Moons (Leuven, BE)***

Poster are on display in the poster area from 08:30 until 12:30.

Each poster presenter will have 5 minutes to briefly summarize their poster to the moderators in front of a dedicated audience. A question-and-answer period of 2 minutes follows each presentation.

Medication adherence in patients with pulmonary arterial hypertension or chronic thromboembolic pulmonary hypertension - A nationwide population-based survey. 20
B. Ivarsson, R. Hesselstrand, G. Radegran, B. Kjellstrom (Lund and Stockholm, SE)

Can a multifaceted intervention including motivational interviewing improve medication adherence, quality of life and mortality rates in older patients undergoing coronary artery bypass surgery? 21
A. Pakpour, C.Y. Lin, D. Malm, A. Brostrom, B. Fridlund, T.L. Webb (Qazvin, IR; Hung Hom, HK; Jönköping, SE; Sheffield, GB)

Communication about prognosis and end-of-life care in heart failure care. 22
J.H. Hildebrand, L.H. Hjelmfors, J.B.H. Ballard-Hernandez, M.E. Espinosa, T.J. Jaarsma, A.S. Stromberg, L.E. Evangelista (Irvine and Irivne, US; Linkoping, SE)

Psychometric properties of the Hospital Anxiety and Depression scale in cardiac arrest survivors. 23
K. Arestedt, R. Sawatzky, J. Israelsson, J. Herlitz, G. Lilja, T. Cronberg, A. Bremer (Kalmar, Boras and Lund, SE; Langley, CA)

Psychological distress and healthcare use in patients with non-cardiac chest pain: does a history of cardiac disease matter? 24
G. Mourad, T. Jaarsma, A. Stromberg, E. Svensson, P. Johansson (Norrköping, Linköping and Stockholm, SE)

Urinary catheter use and delirium after aortic valve therapy. 25
L.S.P. Eide, A.H. Ranhoff, B. Fridlund, R. Haaverstad, K.O. Hufthammer, S. Lauck, T.M. Norekval (Bergen, NO; Jönköping, SE; Vancouver, CA)

Gender differences; insomnia and the closing sound from mechanical heart valves. 26
K. Oterhals, H. A. Amofah, R. Haaverstad, J. E. Nordrehaug, G. E. Eide, T. M. Norekvaal (Bergen and Stavanger, NO)

Psychosocial interventions decrease depression and anxiety in individuals with diabetes mellitus: a meta analysis. 27
M. C. Pascoe, D. Thompson, D. Castle, Z. Jenkins, C. Ski (Melbourne, AU)

FRIDAY 19 MAY
Morning Scientific Sessions

11:00 - 12:30 **SYMPOSIUM** **Konsertsalen**

How to build, support and sustain a golden strategy: Multidisciplinary heart team care in STEMI patients in a prehospital perspective- to reduce time!

Chairpersons: ***M. Macintosh (Sheffield, GB); D. K. Moser (Lexington, US)***

At the end of this session the attendees should be able to:

- *Identify how to sustain evidence based medicine in acute cardiac care, pre-hospital and in-hospital care, when different specialties are involved.*
- *Acquire the knowledge so as to identify STEMI patients as quickly as possible.*
- *Know more about symptoms and delay and the importance of keeping up and add new perspectives in research.*
- *Identify the benefit of a teamwork strategy when to sustain a golden strategy, where are the challenges.*

11:00 STEMI network: from a clinician and chief perspective: what does it mean? The value of a solid teamwork strategy and their effects. **28**
M. Janzon (Linkoping, SE)

11:18 First medical contact in a STEMI population: identify STEMI patients in a health system. **29**
M. Ericsson (Linkoping, SE)

11:36 Symptom and delay from a gender: perspective. **30**
S. Sederholm Lawesson (Linkoping, SE)

11:54 STEMI network: from the ambulance-nurse perspective: what are the challenges? Interpret ECG in acute care in cooperation with the Coronary Care Unit. **31**
C. Carlson (Linkoping, SE)

12:15 Discussion. **32**
M. Janzon (Linkoping, SE); M. Ericsson (Linkoping, SE); S. Sederholm Lawesson (Linkoping, SE); C. Carlson (Linkoping, SE)

FRIDAY 19 MAY
Morning Scientific Sessions

11:00 - 12:30 **ABSTRACT SESSION** **Teatersalongen**

Oral abstract session

Chairpersons: ***D. Fitzsimons (Belfast, GB); M. Back (Gothenburg, SE)***

Judges: B. Kjellstrom (Stockholm, SE); E. Laws (Massa, IT); G. McKee (Dublin, IE)

This session contain eight short oral presentations. The presenters represent the best of a large number of abstracts that were submitted and peer reviewed and will present studies from inception through to results, dissemination and impact. The question and answer session at the end it will facilitate the audience both to participate in discussion on the topics and clarify and question any aspects they would like to develop further.

11:00 Sedentary lifestyle is associated with poor appetite in patients with heart failure. **33**
C. Andreae, K. Arestedt, L.S. Evangelista, A. Stromberg (Linkoping, SE; Irvine, US)

11:11 Reasons for thirst and interventions to reduce thirst from a heart failure patients perspective in Sweden, Japan and the Netherlands. **34**
M.H.L. Van Der Wal, N. Waldreus, T. Jaarsma, N.P. Kato (Linköping and Huddinge, SE)

11:22 Development of an instrument for measuring self-care after left ventricular assist device implantation. **35**
N.P. Kato, T. Ben Gal, J.M. Casida, A. Stromberg, T. Jaarsma (Linkoping, SE; Petah Tikva, IL; Michigan, US)

11:33 Health professionals' experiences and attitudes regarding family witnessed resuscitation in adult cardiac care settings. **36**
A. Waldemar, I. Thylen (Linkoping and Linköping, SE)

11:45 Attitudes and knowledge of implantable cardioverter defibrillator device therapy at the end-of life in recipientcaregiver dyads **37**
M.L. Chung, J. Miller, M.J. Biddle, D.K. Moser (Lexington, US)

11:56 Long-term health-related quality of life and survival in patients after cardiac surgery - a prospective cohort study. **38**
K.H. Gjeilo, A. Wahba, P. Klepstad, S. Lydersen, R. Stenseth (Trondheim, NO)

12:18 An overview of systematic reviews on hospital based individual and environmental interventions to empower cardiovascular patients to improve physical activity: preliminary results of the EMP-H project. **39**
D. Susta, S. Browne, S. Minozzi, C. Bellisario, A. Coppo, F. Faggiano (Dublin, IE; Novara, IT)

FRIDAY 19 MAY
Afternoon Scientific Sessions

14:30 - 16:00 **SYMPOSIUM** **Konsertsalen**

Sudden cardiac death and arrhythmia management

Chairpersons: ***L.M. Hill (Co.Antrim, GB); A. Stromberg (Linkoping, SE)***

At the end of this session the participants should be able to:

- *Understand current strategies to counsel and screen the family of those who have had a sudden cardiac arrest.*
- *Be familiar with methods to identify and manage a pre-arrest situation.*
- *Recognise the challenges and treatment strategies for integrated care of atrial fibrillation.*
- *Identify effective strategies that will support patients after a cardiac arrest.*

14:30 Family screening and counselling for those at risk or have experienced a family member dying suddenly. 43
D. Ward (Dublin, IE)

14:52 How to pick up on adverse events before they happen? Early warning. 44
A. Zanni (Piacenza, IT)

15:15 CPR training for high risk patients and their families. 45
S. Cartledge (Clayton, AU)

15:37 What is the role of health care professionals for cardiac arrest survivors? 46
J. Israelsson (Kalmar, SE)

14:30 - 16:00 **HOW-TO SESSION** **Teatersalongen**

Putting the patient at the centre of Person-centred Health Care

Chairpersons: ***S. Inkrot (Thames, NZ); G. Lee (London, GB)***

After attending this session the participants should:

- *Understand the concept of person-centred care and its impact on patient care.*
- *Understand why the individual approach and placing the person at the centre of care should be the main priority.*
- *Realise the impact of this approach from the clinician's point of view.*
- *Be aware of new knowledge of the ways to implement a person centred approach.*
- *Be motivated to implement new knowledge, methods and tools in clinical practice, aiming for the improvement of patient care through the use of person centred care.*

14:30 Person-centred care definitions, methods and effects. 47
I. Ekman (Goteborg, SE)

14:52 Person-centred care: how to implement. 48
H. Lloyd (Plymouth, GB)

15:15 Person centred care: the physicians view. 49
M. Lainscak (Murska Sobota, SI)

15:37 Discussion: How to implement person centred care. 50
I. Ekman (Goteborg, SE); H. Lloyd (Plymouth, GB); M. Lainscak (Murska Sobota, SI)

16:00 - 17:00 **MODERATED POSTERS** **Moderated Poster Area**

Moderated poster session 2 - Prevention and rehabilitation from knowledge to practice

Chairpersons: ***C. S. Jennings (London, GB); M. Kerins (Dublin, IE)***

Posters are on display in the poster area from 14:00 until 18:00.

Each poster presenter will have 5 minutes to briefly summarize their poster to the moderators in front of a dedicated audience. A question-and-answer period of 2 minutes follows each presentation.

Differences between cardiac rehabilitation participants and non-participants in a national cohort. 51
S.J.S. Olsen, H. Schirmer, K.H. Bonaa, T.A. Hanssen (Harstad, Tromso and Trondheim, NO)

Moderate intensity interval training improves quality of life in elders after acute coronary syndrome. 52
E. Marques-Sule, N. Sempere-Rubio, S. Perez-Alenda, L.A. Villaplana-Torres, J. Casana, F. Querol-Fuentes (Valencia, ES)

Residual cardiovascular risk in patients with familial hypercholesterolemia. 53
J.M.H. Galema-Boers, M.J. Lenzen, S. Bos, S.R. Engelkes, E.J. Sijbrands, J.E. Roeters Van Lennep (Rotterdam, NL)

Intermittent hypoxia-hyperoxia training is effective in improving cardiopulmonary fitness in FC II-III CAD patients: a randomised controlled trial. 54
D. Susta, E. Zagaynaya, O.S. Glazachev (Dublin, IE; Moscow, RU)

Coimbra united by the heart: community mobilization for prevention of cardiovascular disease. 55
F. Homem, L. Goncalves, P. Serra E Silva, C. Crespo, M.F. Cravo, L. Rodrigues, M.C. Lopes, R. Monteiro, P. Ferreira, I. Brito, M. Vaquinhas, J. Sousa, H. Martins, J. Henriques, A. Reveles (Coimbra, PT)

The association between blood pressure and quality of life, WHO-5 well-being index. 56
S.R. Ejby, C. Dalgaard, K.O. Kyvik (Odense, DK)

Patient taking Warfarin perspective of moving from self-testing to self-management. 57
G. Mckee, A. Grogan, M. Coughlan, G. Prizeman, N. O'mahony, K. Quinn, N. O'connell (Dublin and Naas, IE)

Concordance for lifestyle and cardiovascular risk factors and concordance for change in coronary patients and high risk individuals attending a family-centred multidisciplinary prevention programme. 58
B. Kobson (London, GB)

FRIDAY 19 MAY
Afternoon Scientific Sessions

17:00 - 18:30 **SYMPOSIUM** **Konsertsalen**

Nutritional problems and interventions in cardiac patients

Chairpersons: ***M. Kerins (Dublin, IE); To be announced***

At the end of this session the participants should be able to:
- *Understand the importance of nutritional status in cardiovascular diseases.*
- *Be aware of the strategies and resources needed to tackle obesity.*
- *Appreciate the benefits of a multidisciplinary team approach to address obesity.*
- *Gained knowledge and skills to help promote behaviour change and weight-loss in obesity*

17:00 Double Trouble: dealing with obesity and depression in the cardiac patient. 59
D. K. Moser (Lexington, US)

17:22 Multidisciplinary team approach to obesity treatment. 60
D. O'Shea (Dublin, IE)

17:45 Promoting behaviour change in obese adults. 61
S. Tonstad (Oslo, NO)

18:07 Undernutrition: sarcopenia, cachexia and other issues. 62
C. Andreae (Eskilstuna, SE)

17:00 - 18:30 **CLINICAL CASES** **Teatersalongen**

Clinical case session

Chairpersons: ***T. M. Norekval (Bergen, NO); To be announced***
Judges: A.L. Lowry (Dublin, IE); To be announced; To be announced

This session contain eight short oral presentations. The presenters represent the best of a large number of abstracts that were submitted and peer reviewed and will present studies from inception through to results, dissemination and impact. The question and answer session at the end it will facilitate the audience both to participate in discussion on the topics and clarify and question any aspects they would like to develop further.

17:00 Suboptimal cortisol response (relative adrenal insufficiency) in patients with acute heart failure. 63
F. Baloch, N.A.S.I.R. Rahman (Karachi, PK)

17:11 Elderly patient with atrial fibrillation, treated with oral anticoagulants. 64
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FRIDAY 19 MAY
Poster Session I

08:30 - 18:00 **POSTER SESSION I** **Poster Area**

Posters to be on display between 08:30 - 18:00

Poster viewing tours and discussion questions: during coffee breaks from 10:00 - 11:00 and 16:00 - 17:00. Presenters are required to be by their poster for each break in order to discuss the poster with the audience. Poster removal 18:00 - 18:30

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A. Pakpour, A.N.D.E.R.S. Brostrom, J.A.N. Martensson, D. Malm, B. Fridlund (Qazvin, IR; Jönköping, SE)

SATURDAY 20 MAY
Morning Scientific Programme

08:30 - 10:00 **HOW-TO SESSION** **Konsertsalen**

How to address the new challenges in prevention and rehabilitation

Chairpersons: ***S. S. Risom (Copenhagen S, DK); I. Uchmanowicz (Wroclaw, PL)***

By the end of this session the participants should have

- *Gained knowledge on new developments within cardiac rehabilitation.*
- *Become familiar with different aspects of rehabilitative strategies to the cardiac patient.*
- *Have increased awareness and appreciate the challenges of delivering optimum rehabilitative care.*

08:30 Recent developments in cardiac rehabilitation. **141**
R. Buys (Leuven, BE)

08:52 The issue of frailty in cardiac patients. **142**
R.J. Gobbens (Amsterdam, NL)

09:15 Barriers and facilitators of adherence to physical activity. **143**
M. Back (Gothenburg, SE)

09:37 Sexual health sexual counselling in cardiovascular disease. **144**
E. Steinke (Wichita, US)

08:30 - 10:00 **SYMPOSIUM** **Teatersalongen**

Educational strategies for patients and caregivers in the e health era

Chairpersons: ***N. J. Angus (Inverness, GB); J. Boyne (Maastricht, NL)***

At the end of this session the participants should:

- *Be aware of the use of new, modern technologies and their capability of providing integrated person-centred care.*
- *Appreciate the challenges of using e health technologies in patient care.*
- *Recognise the influence and impact of the use of electronic and mobile applications to support clinical judgement and care.*

08:30 Twitter, facebook and smartphones: Person-centered care for the connected patient. **145**
H. Spindler (Aarhus C, DK)

08:52 Technology: how do we deal with secrets of the soul in a transperent health-care system? **146**
T. B. Hansen (Copenhagen, DK)

09:15 Web-based educational initiatives for patients and caregivers, how effective are they? **147**
A. Stromberg (Linkoping, SE)

09:37 Implementation of telemonitoring and telemanagement, the challenges? **148**
N.D. Brunetti (Bari, IT)

SATURDAY 20 MAY
Morning Scientific Programme

10:00 - 11:00 **MODERATED POSTERS** **Moderated Poster Area**

Moderated poster session 3 - Heart failure

Chairpersons: ***A. Stromberg (Linkoping, SE); I. Uchmanowicz (Wroclaw, PL)***

Posters are on display in the poster area from 08:30 until 16:00.

Each poster presenter will have 5 minutes to briefly summarize their poster to the moderators in front of a dedicated audience. A question-and-answer period of 2 minutes follows each presentation.

Heart failure in patients with stroke - new approaches needed. 149
C.F. Ski, M.H. Van Der Wal, M. Le Grande, D.J. Van Veldhuisen, D.R. Thompson, S. Middleton, J. Cameron, T. Jaarsma (Melbourne and Sydney, AU; Groningen, NL; Norrkoping, SE)

Device acceptance in patients with heart failure undergoing implantation of a cardiac resynchronization therapy (CRT) pacemaker device: a longitudinal study. 150
I. Thylen, B. Ingadottir, T. Jaarsma (Linköping and Linkoping, SE)

Differences in self-care maintenance, management and confidence scores among heart failure patients with and without cognitive impairment. 151
J. Viveiros, K. Sethares, C. Westlake (North Dartmouth and Azusa, US)

Introducing nurse-led heart failure clinics in Swedish primary care settings. 152
M.L. Liljeroos, A. Stromberg (Linkoping, SE)

Sleepless nights and sleepy days - a qualitative study exploring the experiences of patients with chronic heart failure and newly verified sleep disordered breathing. 153
M. Gullvag, K.H. Gjeilo, N. Falun, T.M. Norekval, R. Mo, A. Brostrom (Trondheim and Bergen, NO; Jönköping, SE)

Higher sodium intake in men with heart failure is not simply a function of eating more food. 154
T. A. Lennie, D. K. Moser, M. L. Chung (Lexington, US)

Symptom relief and palliative care during the last week of life among patients with heart failure. 155
K. Arestedt, A. Alvariza, C. Hakansson, J. Ohlen, K. Boman, I. Goliath, C.-J. Furst, M. Brannstrom (Kalmar, Stockholm, Gothenburg, Umea and Lund, SE)

Impact of cognitive function on compliance with treatment in heart failure. 156
B. Jankowska-Polanska, M. Kusnierz, K. Dudek, J. Jaroch, I. Uchmanowicz (Wroclaw, PL)

SATURDAY 20 MAY
Morning Scientific Programme

11:00 - 12:30 **SYMPOSIUM** **Konsertsalen**

Approaches to prevention of cardiovascular disease

Chairpersons: ***M. Back (Gothenburg, SE); E. S. Froelicher (Menlo Park, US)***

In this symposium a comprehensive overview of key aspects of prevention and rehabilitation of cardiovascular disease will be presented.

At the completion of this symposium participants will be able to:

- *Identify the strengths and limitations for each of the most commonly used prediction tools used in current practice.*
- *Discuss options available in the use of preventive medications.*
- *Articulate the components of comprehensive risk factor reduction methods including education, counselling and behavioural interventions.*
- *Cite dietary interventions for the treatment of cardiovascular disease risk.*

Each of these areas will introduce and present state of the art information. The presentations will be followed by focused audience questions and discussion led by two moderators and all speakers.

11:00 The use of prediction tools, what works? **157**
To be announced

11:22 The role of preventative medication in cardiovascular diseases. **158**
S. Tonstad (Oslo, NO)

11:45 Educational counselling and behavioural interventions in cardiovascular disease. **159**
To be announced

12:07 Mediterranean diet and cardiovascular health. **160**
H. Lingfors (Jönköping, SE)

SATURDAY 20 MAY
Morning Scientific Programme

11:00 - 12:30 **ABSTRACT SESSION** **Teatersalongen**

Oral abstract session - Doctoral Students

Chairpersons: ***C. Andreae (Eskilstuna, SE); M. Macintosh (Sheffield, GB)***

Judges: T. B. Hansen (Copenhagen, DK); G. Lee (London, GB); L.M. Hill (Co.Antrim, GB)

This session contain eight short oral presentations. The presenters represent the best of a large number of abstracts that were submitted and peer reviewed. The presenters are again from many countries and are doctoral students in the main presenting work from their doctoral studies. These presentations include topics across a range of cardiovascular areas including: acute cardiovascular care, heart failure education, behavioural psychosocial aspects of care. The presenters will present information on their doctoral studies from inception through to results and dissemination and impact. There will be opportunity for participants to ask question of the presenters. While these talks will reveal the challenges and complexities of doing research at a doctoral level. In addition the talks, the high standards and success of these students will provide encouragement to any practitioners considering embarking on this journey or already on this journey.

11:00 Patients with heart failure are not feeling safe after transition from hospital to home. **161**
E. Safstrom, T. Jaarsma, A. Stromberg (Nyköping and Linkoping, SE)

11:11 Low perceived control is associated with depression in middle age patients with heart failure. **162**
M. Cacciata, J. Hildebrand, A. Stromberg, L. Evangelista (Irvine, US; Linkoping, SE)

11:22 Caregivers's contribution to self care maintenance and self care management in heart failure care: a qualitative descriptive study. **163**
M. Paturzo, E. Vellone, A. Durante, R. Alvaro, V.V. Dickson (Rome, IT; New York, US)

11:33 Implementation of an e-Health tool in heart failure clinics in primary care. **164**
M. Liljeroos, A. Stromberg (Linkoping, SE)

11:45 The second myocardial infarction: Women have a higher risk factor burden and suffer a second myocardial infarction earlier than men do. The Northern Sweden MONICA study. **165**
U. Stromback, I. Vikman, D. Lundblad, R. Lundqvist, Å. Engstrom (Lulea and Umea, SE)

11:56 Exploring the factors that promote positive health behaviours related to cardiovascular health in prisoners. **166**
A.R.M. Mohan, P. Thomson, S. Haw, S.J. Leslie, J. Mckay (Stirling, Inverness and Kilmarnock, GB)

12:07 Factors associated with disturbances in sleep-wake pattern in octogenarian patients in the early postoperative phase after surgical aortic valve replacement. **167**
H. A. Amofah, A.B. Brostrom, L.S.P.E. Eide, B.F. Fridlund, R.H. Haaverstad, K.O.H. Hufthammer, K.K.J.K. Kuiper, J.S. Schjott, A.H.R. Ranhoff, T.M.N. Norekval (Bergen, NO; Jönköping, SE)

12:18 Empowerment in congenital heart disease: psychometric properties of the Gothenburg Young Persons Empowerment Scale (GYPES). **168**
M. Acuna Mora, C. Sparud-Lundin, K. Luyckx, E.L. Bratt, P. Moons (Gothenburg, SE; Leuven, BE)

SATURDAY 20 MAY
Afternoon Scientific Programme

14:30 - 16:00 **SYMPOSIUM** **Konsertsalen**

Recent developments in heart failure care

Chairpersons: ***T. B. Hansen (Copenhagen, DK); J. Tagney (Bristol, GB)***

At the end of this session the participants should

- *Be informed about recent developments in heart failure care.*
- *Understand problems about guidelines implementation.*
- *Be motivated to use this information in order to improve and optimize daily care at their home site.*

14:30 Guidelines local implementation is this problematic: the politics of change, developing and implementing a regional guideline for chronic heart failure. 172
E. Laws (Massa, IT)

14:52 The latest in implantable devices for heart failure. 173
B. Kjellstrom (Stockholm, SE)

15:15 Cardiac rehabilitation for heart failure. 174
N. H. M. K. Uszko-Lencer (Maastricht, NL)

15:37 Palliative care in heart failure, is expertise lacking. 175
A. L. Hjelmfors (Linkoping, SE)

14:30 - 16:00 **SYMPOSIUM** **Teatersalongen**

The challenges and opportunities of getting research into practice

Chairpersons: ***C. Andreae (Eskilstuna, SE); M. Macintosh (Sheffield, GB)***

At the end of this session the attendees should be able to:

- *Recognise and appreciate the complexities of the research process.*
- *Critically appraise commonly used concepts and strategies so as to be able to appropriately translate research into clinical practice.*
- *Be motivated to bring their new knowledge on research practices and implement with them into practice.*

14:30 Learning from mistakes and success stories. 176
G. Lee (London, GB)

14:52 What is evidence based practice (and what is it not?). 177
P. Moons (Leuven, BE)

15:15 How to evaluate implementation of research in practice: the role of audits. 178
R. Khatib (Leeds, GB)

15:37 Research capacity building in clinical nurses. 179
G. McKee (Dublin, IE)

SATURDAY 20 MAY
Afternoon Scientific Programme

16:15 - 17:00 **SPECIAL EVENT** **Teatersalongen**

Closing session

Chairpersons: E. Lambrinou (Limassol, CY); M. Back (Gothenburg, SE)

16:15 Presentation from post-doctoral mentorship 2016 awardee.
S. Mentrup (Luebeck, DE)

16:25 Awards & Prizes.
I. Uchmanowicz (Wroclaw, PL)

16:35 Closing and thanks on behalf of The Swedish Association on Cardiovascular Nursing and Allied Professions.
J. Martensson (Jonkoping, SE)

16:45 Closing and thanks on behalf of the ESC Council on Cardiovascaulr Nursing and Allied Professions.
E. Lambrinou (Limassol, CY)

16:55 Welcome to EuroHeartCare 2018.
A.L. Lowry (Dublin 8, IE)

SATURDAY 20 MAY
Poster Session 2

08:30 - 16:30 **POSTER SESSION 2** **Poster Area**

Posters to be on display between 08:30 - 16:00

Poster viewing tours and discussion questions: during the coffee break from 10:00 - 11:00. Presenters are required to be by their poster in order to discuss the poster with the audience.
Poster removal 16:00 - 16:30.

Heart failure

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