### Programme at a Glance

#### Thursday, 14 April 2011

<table>
<thead>
<tr>
<th>Time</th>
<th>Room</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30</td>
<td>Room 2</td>
<td>Epidemiology and diagnosis of diabetes mellitus and cardiovascular risk</td>
</tr>
<tr>
<td>10:00</td>
<td>Room 2</td>
<td>Multifactorial management to reduce cardiovascular risk in patients with diabetes</td>
</tr>
<tr>
<td>12:00</td>
<td>Room 2</td>
<td>Specific treatment of coronary artery disease manifestations in patients with diabetes</td>
</tr>
<tr>
<td>14:00</td>
<td>Room 2</td>
<td>Cardiovascular health in Russia</td>
</tr>
<tr>
<td>16:00</td>
<td>Room 1</td>
<td>CVR Global commitment to non-communicable diseases: ahead of the UN summit</td>
</tr>
<tr>
<td>16:00</td>
<td>Room 2</td>
<td>Medical, legal and ethical aspects of eligibility screening for competitive sports participation</td>
</tr>
<tr>
<td>18:00</td>
<td>Room 1</td>
<td>Opening Ceremony</td>
</tr>
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#### Friday, 15 April 2011

<table>
<thead>
<tr>
<th>Time</th>
<th>Room</th>
<th>Session</th>
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<tbody>
<tr>
<td>08:30</td>
<td>Room 4</td>
<td>How to apply the latest evidence in treating dyslipidemia?</td>
</tr>
<tr>
<td>08:30</td>
<td>Room 1</td>
<td>Generation XXL</td>
</tr>
<tr>
<td>08:30</td>
<td>Room 4</td>
<td>Professional sports to promote children's health</td>
</tr>
<tr>
<td>08:30</td>
<td>Room 1</td>
<td>Global challenges in cardiac rehabilitation: women, minorities, ageing and long term compliance</td>
</tr>
<tr>
<td>09:15</td>
<td>Room 4</td>
<td>Oral abstract 1 - Cardiac rehabilitation</td>
</tr>
<tr>
<td>11:00</td>
<td>Room 1</td>
<td>Oral abstract 2 - Sports cardiology</td>
</tr>
<tr>
<td>11:00</td>
<td>Room 4</td>
<td>Oral abstract 3 - Prevention epidemiology &amp; population science</td>
</tr>
<tr>
<td>11:00</td>
<td>Room 1</td>
<td>Oral abstract 4 - EBTR</td>
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### Saturday, 16 April 2011

<table>
<thead>
<tr>
<th>Time</th>
<th>Room</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30</td>
<td>Room 2</td>
<td>Honorary Lecture</td>
</tr>
<tr>
<td>11:30</td>
<td>Room 4</td>
<td>Retinal vessel structure and function and the association with atherosclerosis</td>
</tr>
<tr>
<td>12:45</td>
<td>Room 2</td>
<td>What is SHAPE? Why do we need to SHAPE up primary prevention? - organised by SHAPE</td>
</tr>
<tr>
<td>11:30</td>
<td>Room 4</td>
<td>Mobility in health Workshop - organised by Institute for Mobility Research</td>
</tr>
<tr>
<td>14:00</td>
<td>Room 1</td>
<td>Intervention beyond the ECG and conventional echocardiography</td>
</tr>
<tr>
<td>14:00</td>
<td>Room 3</td>
<td>The best of the EHJ and EJCPR new frontiers in prevention</td>
</tr>
<tr>
<td>14:00</td>
<td>Room 4</td>
<td>Risk scoring and risk markers</td>
</tr>
<tr>
<td>16:00</td>
<td>Room 2</td>
<td>How to session</td>
</tr>
<tr>
<td>16:00</td>
<td>Room 4</td>
<td>Preventing heart rate to prevent cardiovascular events: new opportunities with icabrade - organised by SERVIER</td>
</tr>
</tbody>
</table>

**Note:**
- **Room 1:** Room 1
- **Room 2:** Room 2
- **Room 3:** Room 3
- **Room 4:** Room 4

**Dates:**
- Thursday, 14 April 2011
- Friday, 15 April 2011
- Saturday, 16 April 2011
Join us for an exciting journey through Switzerland with pictures from breathtaking landscapes and traditional local folkloristic music. Listen to our leaders in the world of cardiovascular medicine with a focus on prevention, learn in a pleasant way all about the Mediterranean diet and get a first glance of our exciting EuroPRevent 2011 programme.

Welcome from H. Saner

Hackbrett-Trio “Edelstee”
Masters of the famous Appenzell instrument “Hackbrett” are playing with hammers on their cord instruments

Welcome from EACPR president P. Giannuzzi

Schwyzerörgeli-Trio “Â gsundi Mischig”
Listen to the accordion, a very traditional Swiss instrument

Welcome from ESC president M. Komajda

Alphorn-Trio “Haudegen”
The lovely sound of alphorns will mentally transport you into the Swiss alps…

Welcome from WHF president S. Smith

“Bandella Scampolo”
Enjoy traditional bandella music from our most Southern canton, Ticino

Mediterranean Diet – R. Ferrari

About the EuroPRevent Programme – V. Adams

Welcome Cocktail

Enjoy a cocktail and snacks in a relaxing atmosphere together with your colleagues and friends and listen to the traditional jazz performance of the EuroPRevent BAND playing with various guest musicians including the world-famous Marc Lafferière from Paris with his soprano saxophone.
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<td>Poster Session 1</td>
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<td>Poster Session 2</td>
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<tr>
<td><strong>Saturday 16 April</strong></td>
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<tr>
<td>Morning</td>
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<tr>
<td>Afternoon</td>
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<td>Closing Ceremony</td>
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<td>Poster Session 3</td>
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<td>Poster Session 4</td>
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<tr>
<td>List of Sessions</td>
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<tr>
<td>Index of Chairpersons, Speakers and Authors</td>
<td></td>
</tr>
</tbody>
</table>

The congress bags, final programme, note pads and pens were made out of 100% recycled material.
Welcome Address

Dear Colleagues and Friends,

Welcome to EuroPRevent 2011, the meeting place for scientists and experts engaged in preventive cardiology. This sixth congress is brought to you by the European Association for Cardiovascular Prevention and Rehabilitation (EACPR). This year’s theme is “Cardiovascular Prevention a global challenge – from science to practice”.

During the three day meeting, experts will discuss and present fascinating achievements in cardiovascular prevention obtained either in basic and translational science or in the implementation or recommendation of therapeutic strategies.

On Thursday, please join us for the pre-congress course on diabetes management. Its goal is to present a practical approach to the implementation of the joint ESC/EASD Guidelines on Diabetes, Prediabetes and Cardiovascular Disease. We also welcome you to attend our Regional Sessions which thanks to the proximity to the European Headquarters of the World Health Organisation (WHO), the World Heart Federation (WHF), the United European Football Association (UEFA), and the International Olympic Committee (IOC), these sessions will focus on activities these organisations are actively pursuing. Don’t forget to attend the Opening Ceremony followed by an informal get together in the Exhibition Area. This offers an opportunity to meet new and old friends in a relaxed atmosphere and to share news on the most recent accomplishments.

On Friday and Saturday the programme is dedicated to presentations of scientific results in 4 tracks including new developments in sports cardiology, latest scientific achievements in cardiovascular prevention, implementations and recommendations to attack cardiovascular disease, and “how to” sessions. The congress includes a Young Investigator Award Session for Basic and Translational Science and Clinical Science. Additionally, all poster presentations will be discussed onsite by experts in the field during our 4 poster sessions.

We are delighted to welcome you to Geneva and hope you enjoy the congress.

Pantaleo Giannuzzi
President of the European Association for Cardiovascular Prevention and Rehabilitation

Volker Adams
Chairperson, EuroPRevent Congress Programme Committee

Hugo Saner
Co-Chair of the Congress Programme Committee and Local Organiser

Committee Members

Congress Programme Committee
Volker Adams
Chairperson
Hugo Saner
Local Organiser and Co-Chairperson

EuroPRevent Scientific Committee
Cardiac Rehabilitation
Birna Bjarnason-Wehrens

Exercise, Basic & Translational Research
Julian Halcox, Nikos Geladas

Prevention, Epidemiology & Population Science
Eva Prescott, Pedro Marques-Vidal

Sports Cardiology
Sanjay Sharma

EACPR Executive Board
Pantaleo Giannuzzi
EACPR President

David Wood
Past EACPR President

Stephan Gielen
President - Elect

Dan Gaita
Treasurer

Luc Vanhees
Secretary
About the European Association for Cardiovascular Prevention & Rehabilitation (EACPR)

EACPR Stand
Visit our stand in the Exhibition Area to learn more about the EACPR activities!
- Get your Abstract CD-Rom
- Get a Health Professional Toolkit
- Get a copy of the European Journal of Cardiovascular Prevention & Rehabilitation (EJCPR)
- Discover HeartScore® with a personalised demo
- Become a valued Member of the Association!

As of today, over 2,100 members from most European countries with scientific expertise and a special interest in Cardiovascular Epidemiology, Prevention, Rehabilitation and Sports Cardiology actively contribute to the Association.

EACPR Members’ Lounge
The EACPR Members’ Lounge is an exclusive area that permits members to take a break, meet up with a colleague, check their mails or simply have a cup of coffee. The lounge is located on Level -1, please follow the signs.

EACPR General Assembly: Make sure that your voice is heard!
Meet with the EACPR Board at the EACPR General Assembly, on Saturday 16 April at 16:00, in Room 2.

About EACPR
The EACPR is a registered branch of the European Society of Cardiology. Its mission is to promote excellence in research, practice, education and policy in cardiovascular prevention and rehabilitation in Europe.

The EACPR plays a central role in the prevention and policy agenda of the European Society of Cardiology (ESC) with:

- **EuroPrevent**: the official annual congress of the EACPR. Mark your agenda for EuroPrevent 2012 : 3-5 May in Dublin, Ireland
- **EJCPR**: bi-monthly journal on prevention and rehabilitation
- **Prevention implementation programme**: bridging the gap between CVD prevention recommendations and daily clinical practice.
- **Education**: core curriculum in cardiology, education and training programmes
- **Scientific projects**: HeartScore®, HeartQoL European Cardiac Rehabilitation Database, Vent-Heft Study, Relax-ICD, SMART-EX...
**Fun Run & Fun Walk**

Start your day by joining us with the EuroPRevent Fun Run & Fun Walk, a 5km jog or 2.5km walk at the Stadium Varembé on Friday 15 April at 07:00. The stadium is right around the corner from the congress centre, showering facilities will be provided. Special prizes will be awarded to the winners!

To enrol, visit the Hotel & Social Events Desk located in the Registration area. Come and support the EACPR’s message on healthy activity.

*See you there!*

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**Pedal for your Heart**

100 bikes from Genève Roule will be stationed outside the Congress Centre for delegate use from 14 April to 16 April 2011. EuroPRevent 2011 is taking one more step towards an even healthier event! Not only is transportation in the city free, it’s good for your heart!

The Congress Programme Committee would like to thank Panasonic who supported this initiative with an unrestricted educational grant.
Geneva – the Host City

Bienvenue à Genève ! Welcome to Geneva!

Situated along the banks of Lake Geneva at the foot of the Alps, Geneva sparkles as one of Europe’s most beautiful cities. Home to the European headquarters of the United Nations, Geneva has a long history of diversity and tolerance dating back to the Protestant Reformation. The town looks and feels French, although the many international organisations based here make it one of the world’s most cosmopolitan cities. Geneva was carefully chosen as host city not only for its location on Lake Geneva at the foot of the Alps, but also for being close to the European Headquarters of the United Nations (UN) the World Heart Federation (WHF), the World Health Organisation (WHO), the United European Football Association (UEFA), and the International Olympic Committee (IOC).

Today, the city of Geneva is a cultural centre second to none featuring world class entertainment, top rated restaurants and unlimited opportunities for recreation. If you’re on a budget, it’s reassuring to know that travel within the city is free and efficient. If you’re an aficionado of gourmet cuisine and wonderful wines, look no further as Geneva has it. If you negotiate world peace, Geneva opens its doors to more than 25,000 people per year.

- Get Out – All guests staying in local hotels automatically receive a free Geneva Transport Card, which gives unlimited access to trams, buses and local trains.
- The Lake – Stroll the promenades around the lake and soak up the atmosphere. Take a dip at Bains de Paquis or just relax in one of the lakeside parks or cafés. As for what’s on the water – swans, ducks and diving birds cohabit with a multitude of brightly coloured sailing boats just waiting for a regatta. For a unique perspective on the city, take a one or two hour boat cruise around the lake.
- The Old Town – Stop into Saint Peter’s Cathedral and then just wander the maze of cobblestone streets and discover Geneva’s secrets yourself. For a more historical perspective, head to the Art and History Museum or the Maison Tavel – the oldest house in the city.
- The United Nations Building and Red Cross Museum – Take a tour of the European Headquarters of the United Nations followed up by a visit to the Red Cross Museum across the street. It is the second most important centre of the United Nations after New York. Over 25,000 delegates meet here annually to negotiate for world peace.
- Carouge – Hop across the L’Arve River to the Bohemian burg of Carouge modelled after Nice, France and filled with quaint boutiques where you can actually observe the artisans at work in their studios. To this day, the city of Carouge has retained its Mediterranean-like atmosphere. Its bustling streets and many shaded squares invite one to stroll. Relax in one of Carouge’s artsy cafés or hang around until after dark to party in one the neighbourhood’s famous jazz clubs.
- Bastions Park and Place Neuve – Enjoy the park and be sure to pay reverence to Reformation Wall on the east side along the old city wall. Test your skill at the life size chessboards or relax at the pavilion café before heading out the gates to Place Neuve, home to Geneva’s oldest and most beautiful performance and exhibition halls.
- Window Shopping on Rue de Rive and Rue du Rhone – Gawk at the fashions and jewellery lining Geneva’s most extravagant streets, but try not to look at the price tags. Repose at one of the cafés at Place du Molard or Place de la Fusterie for some first class people watching.
- Paquis and Les Grottes – Explore Geneva’s most international districts located just north and east of Gare Cornavin. Try one of the area’s many ethnic restaurants and don’t forget the shopping.
- Plainpalais Flea Market – Mingle with the locals at Geneva’s largest outdoor flea market. Bargain hunters, collectors, rummagers and curiosity seekers gather early on Wednesday and Saturday mornings between the rows of stalls on the Plaine de Plainpalais. Antiques, records, vintage clothing and other curios wait.
- Place Neuve – Built outside the former ramparts, the Place Neuve has become the focal point of Genevan culture. It comprises the Grand-Théâtre (opera), the reputed Conservatory of Music and the Rath Museum, internationally renowned for its temporary exhibitions. In the centre of the square, a statue depicts the Genevan general Henri Dufour, national hero and first to establish a map of Switzerland.

For information on Geneva, restaurant reservations and city tours (examples below), please visit the City information desk located in the Exhibition Area.

- Visit Geneva Old Town
- Make your own Swiss chocolate in the Versoix Chocolate Factory
- Visit a vineyard in the Geneva countryside
- Bicycle tours along Lake Geneva with visits of the water fountain, the flower clock and a few monuments
General Information

Venue
Centre International de Conférence de Genève (CICG)
17 rue de Varembé
Geneva, Switzerland
www.cicg.ch/eng

The building is fully accessible to disabled people.

Organiser
EuroPRevent 2011 Secretariat
European Society of Cardiology
2035, Route des Colles – Les Templiers – BP 17
FR 06903 Sophia Antipolis - France
Tel: +33 (0) 9 24 96 000 Fax: +33 (0) 9 24 96 001
E-mail: europrevent@escardio.org
Website: www.escardio.org/EuroPRevent

How to get to the Venue
The access is facilitated by good public transport services. The CICG is situated only 5 kilometres away from Geneva International Airport and from the Cornavin main railway station.

- Public transportation from Cornavin main railway station:
  - Bus n°5 : Bus stop "Vermont"
  - Bus n°8 : Bus stop "UIT"
  - Tramway n°13 and n°15 : Stop "Nations"

- Public transportation from Geneva International Airport:
  - Bus n°5 : Bus stop "Vermont"
  - Bus n°28 : Bus stop "Nations"

The orange bus from the Ligue Vaudoise Contre les Maladies Cardiovasculaires and the Ligue de la Santé travels in the western regions of Switzerland and stays for a few days in small towns. A professional team offers detection tests and personal advice to improve cardiovascular risk factors and preserve health. In 2010, more than 1600 people benefited from the programme (in addition to 2000 tests done at worksites).

The bus will be at the entrance of the congress centre from Thursday 14 April afternoon to Friday, 15 April.

The Ligue Vaudoise will also be presenting their initiative during the Regional Sessions on Thursday, 14 April from 16:00 - 17:30 in Room 4.

European Certification

EuroPRevent 2011 is accredited by the European Board for Accreditation in Cardiology (EBAC) for 15 hours of External CME credits.

Each participant should claim only those hours of credit that have actually been spent in the educational activity. EBAC works according to the quality standards of the European Accreditation Councilor Continuing Medical Education (EACCME), which is an institution of the European Union of Medical Specialists (UEMS).

If you are a delegate attending from North America, please find information concerning how to validate your European CME credits on the American Medical Association (AMA) website: www.ama-assn.org

Opening Hours

<table>
<thead>
<tr>
<th></th>
<th>Wednesday 13 April</th>
<th>Thursday 14 April</th>
<th>Friday 15 April</th>
<th>Saturday 16 April</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration</td>
<td>15:00 - 18:30</td>
<td>07:30 - 18:30</td>
<td>07:30 - 18:30</td>
<td>07:30 - 18:30</td>
</tr>
<tr>
<td>Speaker Service Centre</td>
<td>15:00 - 18:30</td>
<td>07:30 - 19:00</td>
<td>07:30 - 19:00</td>
<td>07:30 - 19:00</td>
</tr>
<tr>
<td>Scientific Sessions</td>
<td>Closed</td>
<td>08:30 - 19:00</td>
<td>08:30 - 19:00</td>
<td>08:30 - 19:00</td>
</tr>
<tr>
<td>Exhibition</td>
<td>Closed</td>
<td>09:00 - 20:00</td>
<td>09:00 - 18:30</td>
<td>09:00 - 20:00</td>
</tr>
</tbody>
</table>

Excursion - Accompanying Persons

Friday, 15 April - 09:00-12:00
Meeting Point - Main Entrance of the CICG (congress centre)
Nobody should leave Geneva without seeing its monuments and historical sites, that is why EuroPRevent’s Local Chairperson, Hugo Saner, has chosen this 3 hour tour of the city. The tour will present landmarks such as the ‘water jet’, the clock in the English garden, the historical Old Town, the Cathedral Saint-Pierre and other historic monuments. Transportation will be included, as this is a partial walking tour, please wear comfortable attire.
Congress Resources

Abstract CD-Rom
A copy of the EuroPRevent Abstract CD-Rom will be available on the ESC/EACPR stand no E1. In order to claim your copy of the CD-Rom, please use the voucher in your delegate bag. The CD-Rom is offered in lieu of the printed version in an attempt to use less paper.

Certificate of Attendance
Certificates of Attendance will be available from any Registration desk as from Friday, 15 April 2011.

Cloakroom
The Cloakroom will be located near the Main Entrance and the Registration Area. It is free of charge.

Delegate Bag
Each delegate is entitled to a 100% recycled delegate bag to be picked up from a dedicated desk near the Registration Area.

EACPR General Assembly: Make sure that your voice is heard!
Meet with the EACPR Board at the EACPR General Assembly, on Saturday 16 April at 16:00, in Room 2.

The EACPR Members Lounge is an exclusive area that permits members to take a break, meet up with a colleague, check their mails or simply have a cup of coffee. The lounge is located on Level -1, please use the elevators to access Level -1 and follow the signs.

Healthy Breaks
Go on, give yourself a break! During the breaks, meet colleagues, visit exhibitors and review the posters. We will be offering healthy items such as fresh fruits and vegetables. 5 Healthy breaks will be held during EuroPRevent 2011.

Internet Corner
The Internet Corner located near the main entrance is free of charge.

Journal
Participants paying the Standard and EACPR Members fee will receive the 2012 subscription to the European Journal of Cardiovascular Prevention and Rehabilitation.

Speaker Service Centre
All speakers giving a presentation in the scientific sessions are requested to upload and validated their presentation in the Speaker Service Centre (SSC) located near Rooms 2 & 3, a minimum of 3 hours before the session starts or the day before if the session is at 08:30.

TechnoPark - technology changing your practice
Devices and technical equipment have an increasingly important role to play in the field of cardiovascular prevention. Our industry partners have and continue to be innovators in the development of new equipment, monitors and devices, vital to the improvement of patient care. Technological innovations will therefore have a special focus at EuroPRevent 2011 with all companies working as innovators in the field participating in a TechnoPark initiative.
We invite all EuroPRevent 2011 delegates to visit sponsors of the TechnoPark during the congress for a unique opportunity for hands-on demonstration of new devices and techniques.
The TechnoPark is an integrated part of the exhibition at EuroPRevent 2011 and sponsors will be distinguished by the logo.

Social Events

Opening Ceremony
The European Association for Cardiovascular Prevention and Rehabilitation is pleased to invite you to attend the Opening Ceremony and Cocktail Reception on Thursday, 14 April - 18h:00 - 19:30 in the Room 1. See inside front cover.

Closing Ceremony
The Closing Ceremony will be held on Saturday, 16 April from 17:15 – 18:00 in the Room 2. The prizes for the EACPR Young Investigator Award session and the abstract based prizes will be distributed. After the ceremony, join us for the Farewell Cocktail in Exhibition Area and listen to famous jazz tunes with a live performance of the EuroPRevent Band with guest stars. Join your friends and make up new plans for EuroPRevent 2012 in Dublin, Ireland!
Over the last three decades, EuroPRevent has evolved into the preeminent meeting place for European opinion leaders and physicians in the field of cardiovascular prevention, rehabilitation and sports medicine.

Cardiovascular diseases are still the major cause of morbidity and mortality in Europe. In times of shrinking healthcare budgets, prevention of cardiovascular diseases has therefore become a top priority of the European Union as indicated by the signing of the European Heart Health Charter in 2007.

Working closely with our Industry Partners in the fields of prevention and health policy, epidemiology and public health, cardiac rehabilitation, exercise physiology and sports cardiology as well as basic science, EuroPRevent 2011 has reached the highest standards of scientific content, delegate interest and industry support.

The Committee Members wish to express their sincere appreciation to all exhibitors, industry partners and sponsors mentioned below, who have contributed to the success of EuroPRevent 2011 in a variety of ways and initiatives.

### Industry Partners

Aloka Holding Europe AG  
AstraZeneca  
AtCor Medical  
CORTEX Biophysik GmbH  
COSMED  
Custo med GmbH  
diaDexus, INC  
Heart Test Laboratories, Inc.  
Institute for Mobility Research  
Itamar Medical Ltd  
Panasonic Marketing Europe GmbH  
PanGas AG Healthcare  
Roche  
SAGE  
Servier  
STORZ MEDICAL AG  
Schweizerische Herzstiftung (Swiss Heart Foundation)  
Unilever  
World Heart Federation
<table>
<thead>
<tr>
<th>Company/organization</th>
<th>Booth</th>
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<tr>
<td>Aloka Holding Europe AG</td>
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<td>AstraZeneca</td>
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<td>diaDexus. INC</td>
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<td>European Society of Cardiology / European Association for Cardiovascular Prevention &amp; Rehabilitation</td>
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<tr>
<td>Heart Test Laboratories, Inc.</td>
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<td>Panasonic Marketing Europe GmbH</td>
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<td>PanGas AG Healthcare</td>
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<td>Romanian Heart Foundation</td>
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<td>SAGE</td>
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<td>Society of Cardiology of the Russian Federation</td>
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<td>STORZ MEDICAL AG</td>
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<td>Schweizerische Herzstiftung (Swiss Heart Foundation)</td>
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<td>World Heart Federation</td>
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</table>

**Exhibition Floor Plan**

The image shows a floor plan of the exhibition area with various booths marked by numbers from E1 to E20. The booths are labeled with the names of the exhibitors listed above. The layout includes areas for registration, internet access, and lecture rooms. The main entrance is marked, and there are sections labeled for posters and speakers. The diagram provides a visual representation of the exhibition's layout, indicating the locations of each exhibitor's booth.
Company and Product Description

Aloka Holding Europe AG
Steinhauserstrasse 74
6300 Zug
Switzerland
Tel: +41 417 472 120
Fax: +41 417 472 121
Email: int.sales@aloka-europe.com
Web Site: www.aloka-europe.com

The ALOKA cardiovascular imaging systems deliver non-invasive, real-time diagnostic tools for the assessment of atherosclerosis including IMT, Conduit Arterial Stiffness and wave travel study (e-Tracking), ventriculo-arterial coupling (Wave Intensity), endothelial function (Flow Mediated Dilatation) and also offers innovative tools like 2D tissue tracking and Vector Flow Mapping.

AstraZeneca
Alderley House
SK10 4TF Macclesfield
United Kingdom
Tel: +44 162 551 5206
Fax: +44 162 558 2912
Email: sandra.brogan@astrazeneca.com
Web Site: http://www.astrazeneca.com/Home

AstraZeneca is a global research-based biopharmaceutical company. Our skills and resources are focused on discovering, developing and marketing medicines for some of the world’s most serious illnesses, including cancer, heart disease, neurological disorders such as schizophrenia, respiratory disease and infection.

AtCor Medical
Suite 11, West Ryde Corporate Center
1059-1063 Victoria Road
2114 West Ryde NSW
Australia
Tel: +61 2 9876 5700
Fax: +61 2 9876 5701
Email: u.kohlmuenzer@atcormedical.com
Web Site: www.atcormedical.com

AtCor Medical’s SphygmoCor systems, featured in over 400 published studies, are the global gold standard for noninvasive central blood pressure/arterial stiffness assessment. It is the only system providing on the same unit: central pressure, pulse wave velocity and heart rate variability. Please visit us for a complementary central pressures assessment.

CORTEX Biophysik GmbH & Custo med GmbH
Walter-Khn-Str. 2d
04356 Leipzig - Germany
Tel: +49 341 487 490
Fax: +49 341 487 4905
Email: info@cortex-medical.com
Web Site: www.cortex-medical.com

Custo med GmbH
Leibnizstrae 7
85521 Ottobrunn - Germany
Tel: +49 897 109 80
Fax: +49 897 109 810
Email: info@customed.de
Web Site: www.customed.de

custo med GmbH

custo med is one of the leading suppliers of cardiopulmonary diagnostics. It has established itself as a market leader in Germany for computer-aided diagnosis systems. With the medical operating system custo diagnostic custo med is the only company worldwide to offer a unified platform for all cardiopulmonary examinations.
COSMED
Via dei Piani di Monte Savello, 37
00041 Pavona di Albano
Italy
Tel.: +39 069 315 492
Fax.: +39 069 314 580
Email: info@cosmed.it
Web Site: www.cosmed.com

Founded in 1980, COSMED is a worldwide leading manufacturer of Cardiopulmonary Diagnostic Equipment. It offers a wide range of cardiorespiratory assessment systems from the innovative desktop solution Fitmate MED to the stationary lab Quark CPET, from its portable stress ECGs to a wide range of accessories for advanced cardiopulmonary exercise test.

diaDexus. INC
343 Oyster Point Blvd.
94080 South San Francisco
United States of America
Tel.: +1 650 246 6524
Fax.: +1 650 246 6498
Email: ajansen@diadexus.com
Web Site: www.plactest.com

diaDexus, Inc., California, USA is a biotechnology company focused on the development and commercialization of novel, patent protected diagnostics for cardiovascular disease. The diaDexus PLAC Test for Lp-PLA2 is a vascular-specific inflammatory marker that determines levels of rupture prone plaque to help identify hidden risk for heart attack and stroke.

European Society of Cardiology / European Association for Cardiovascular Prevention & Rehabilitation
2035 Route des Colles
Les Templiers - BP 179
06903 Sophia Antipolis
France
Tel.: +33 492 947 600
Fax.: +33 492 948 669
Email: communications@escardio.org
Web Site: www.escardio.org

The European Society of Cardiology (ESC) represents more than 68,000 cardiology professionals from across Europe and the Mediterranean. The ESC comprises 53 National Cardiac Societies, 19 Working Groups, 5 Associations and 5 Councils. It also includes the distinguished community of ESC Fellows and Nurse Fellows. Its mission is «To reduce the burden of cardiovascular disease in Europe». The ESC achieves this through a series of scientific and educational activities and the ESC Congress, the largest medical meeting in Europe, held this year from 27-31 August 2011 in Paris Nord Villepinte, France.

The European Association for Cardiovascular Prevention & Rehabilitation (EACPR) is a registered branch of the ESC, representing over 2,100 health professionals. The EACPR aims at promoting excellence in research, practice, education and policy in cardiovascular prevention and rehabilitation in Europe, through the European Journal on Cardiovascular Prevention & Rehabilitation (EJCPR), and the EuroPRevent congress.

Heart Test Laboratories, Inc
5712 Colleyville
Suite 229
76034 Colleyville
United States of America
Tel.: +1 817 886 992
Fax.: +1 817 796 207
Email: tessjackovich@hearttestlabs.com
Web Site: www.hearttestlabs.com

Heart Test Laboratories Inc. (HTL), a US based company is a rapidly developing medical technology company concentrating on inventing life saving devices for the Coronary Arterial Disease (CAD) market.
Institute for Mobility Research
A Research Establishment of BMW Group
Petuelk Ring 130
80788 Munich
Germany
Web Site: www.ifmo.de

The Institute for Mobility Research (ifmo) is an independent research establishment of BMW Group. ifmo identifies future challenges for mobility. We explore long term transportation trends with an interdisciplinary perspective covering air, rail, road and water transportation. The institute has a Board of Trustees with representatives from Deutsche Bahn, Lufthansa, MAN and BMW as well as academics from different disciplines. By closely cooperating with other research institutions ifmo represents a link between the academic and corporate world.

Itamar Medical Ltd
9 Halamish street
po box 3579
38900 Caesarea
Israel
Tel : +972 461 770 00
Fax : +972 462 380 71
Email : info@itamar-medical.com
Web Site : www.itamar-medical.com

Itamar Medical Ltd. is a medical device company utilizing PAT® (Peripheral Arterial Tone) signal technology – a non-invasive «window» to both the cardiovascular and autonomic nervous systems. EndoPAT® is the FDA-approved device for detection of coronary artery Endothelial Dysfunction. Itamar collaborates with the leading researchers in top medical and research institutes; These collaborations have yielded more than 150 peer-reviewed manuscripts and well over 200 abstracts at major scientific meetings.

Panasonic Marketing Europe GmbH
Hagenauer Str. 43
65203 Wiesbaden
Germany
Tel : +49 611 235 198
Fax : +49 611 235 279
Email : healthcare@eu.panasonic.com
Web Site : http://panasonic.net/corporate/segments/phc/index.html

Panasonic is growing in the healthcare arena and its expertise will continue to make an important contribution in high-tech healthcare solutions. Panasonic exhibits its new innovative tool for personalised preventive medicine designed to assist medical professionals in making a quick and valuable assessment of cardiovascular health.

PanGas AG Healthcare
Industriepark 10
6252 Dagmersellen
Switzerland
Tel : +41 844 800 300
Fax : +41 844 800 301
Email : healthcare@pangas.ch
Web Site: www.pangas-healthcare.ch

PanGas Healthcare is the leading manufacturer and supplier of gases as pharmaceutical products and medical devices as well as diagnostic and therapeutic systems - combined with professional and customized services. Thus we support you from diagnosis to therapy with our three business units Respiratory Diagnostics, Hospitalcare and Homecare.
SAGE
1 Oliver’s Yard
55 City Road
EC1Y 1SP London
United Kingdom
Tel: +44 207 324 8500
Fax: +44 207 324 8600
Email: market@sagepub.co.uk
Web Site: www.sagepub.co.uk

SAGE is a leading international publisher of journals, books, and electronic media for academic, educational, and professional markets. Since 1965, SAGE has helped inform and educate a global community of scholars, practitioners, researchers, and students spanning a wide range of subject areas including business, humanities, social sciences, and science, technology and medicine. An independent company, SAGE has principal offices in Los Angeles, London, New Delhi, Singapore and Washington DC.

STORZ MEDICAL AG
Lohstampfstrasse 8
Tgerwilen
Switzerland
Tel: +41 716 774 545
Fax: +41 716 774 505
Email: info@storzmedical.com
Web Site: http://www.storzmedical.com

STORZ MEDICAL AG is a Swiss manufacturer of shock wave therapy systems for cardiological applications.

Schweizerische Herzstiftung (Swiss Heart Foundation)
Schwarztorstrasse 18
Postfach 368
3000 Bern 14
Switzerland
Tel: +41 313 888 080
Fax: +41 313 888 088
Email: info@swissheart.ch
Web Site: www.swissheart.ch

The Swiss Heart Foundation was founded in 1967 to promote research and prevention in the field of cardiovascular disease and stroke: to support researchers and to encourage co-ordination of research. The Foundation is the only foundation nationally active in the cardiovascular field in Switzerland and is committed to reducing the number of people suffering from cardiovascular diseases or remaining disabled by them, and to helping those

World Heart Federation
7 Rue des Battoirs
PO Box 155
1211 Geneva 4
Switzerland
Tel: +41 228 070 320
Fax: +41 228 070 337
Email: info@worldheart.org
Web Site: www.worldheart.org

The World Heart Federation is a non-governmental organization that unites its members and leads the global fight against heart disease and stroke, with a focus on low- and middle-income countries.
Industry Educational Sessions

Cooperation between clinicians, researchers and the pharmaceutical and technical industries has significantly contributed to a better understanding and management of patients with cardiovascular diseases.

Delegates are cordially invited to attend Satellite Symposia as part of the EuOPRvent 2011 Congress scientific programme as outlined below.

FRIDAY 15 APRIL 2011 - 12:45-13:45

- **What is SHAPE? Why do we need to SHAPE up primary prevention?**
  Chairperson: Prof. Morteza Naghavi - Houston, United States of America
  Satellite Symposium organised by SHAPE in Room 2

- **Targeting heart rate to prevent cardiovascular events: new opportunities with ivabradine**
  Chairpersons: Prof. Hugo Saner - Bern, Switzerland
  Prof. Michel Komajda - Paris, France
  Satellite Symposium organised by SERVIER in Room 3

- **Prevention of cardiovascular diseases, exercise and transportation**
  Workshop organised by Institute for Mobility Research in Room 4

SATURDAY 16 APRIL 2011 - 13:15-14:15

- **Reducing the burden of cardiovascular disease – The need for improving risk intervention**
  Chairpersons: Prof. Richard Hobbs - Birmingham, United Kingdom
  Prof. Wolfgang Koenig - Ulm, Germany
  Satellite Symposium organised by AstraZeneca in Room 2
Scientific Programme

The information published in this programme is accurate at the time of printing. To view all modifications and updates after the publication date, please refer to the erratum or the scientific programme online.

Learning Objectives

1. New strategies and developments: Attendees will learn in several ‘how to sessions’ the latest methodological approaches to measure important parameters and predictors. In addition an update of the latest developments in treating conditions like diabetes, hyperlipidemia will be given. This practical advice or tips and tricks will be the centre of the sessions in this track.

2. Global challenges in prevention: Participants will be advised on how to tackle the global challenge of cardiovascular prevention, and who are the special target populations being central for preventive measures in upcoming years.

3. Sports cardiology: Learn about the new developments in the topic of sports cardiology. This is a very key section of the meeting, since the new developments in this field may help us to guide athletes to perform their sport activities and know their limits. Review the following sessions which will be presented in dedicated tracks during EuroPRevent 2011.

4. Corporate Health and Prevention Programmes: Discover the latest scientific achievements in the field of cardiovascular prevention and rehabilitation. This track will deliver the molecular basis for understanding the beneficial effects of exercise training. New implementation strategies and recommendations will be discussed and reviewed.

Scientific Programme Online

All updates and late additions to the programme can be viewed via the online programme. You can access this dedicated, personalised area from one of the computers in the Internet Corner.

Abstract CD-Rom

Your copy of the abstract CD-Rom will be available on the ESC/EACPR stand n° E1. In order to claim your copy, please use the voucher in your delegate bag. The CD-Rom is offered in lieu of the printed version in an attempt to use less paper.

Certificates of Attendance

- Certificates of attendance will be available at the Registration Area from Friday, 15 April.
- Certificates of presentation should be requested at the Poster Assistance Desk.

Young Investigator Award Sessions - Clinical and Basic and Translational Science

Saturday, 16 April at 14:30 in lecture rooms 3 & 4. Come and support our junior investigators while they present their research in front of a panel of experts in the topic. See page 37.

What else?

- A pre-congress Master Class course on diabetes management. See page 16.
- An honorary lecture given by Salim Yusuf. See page 35.
- A special presentation given by K. Schwab. See page 18.
- Session discussing late breaking scientific achievements. See page 22.
- A special ‘how to’ track for clinical cardiologists and general practitioners with special interest in cardiovascular prevention and cardiac rehabilitation
- Exciting news about the great potential of cardiovascular prevention activities in the corporate world
- Joint sessions from the WHO, WHF, IOC, UEFA and more

Industry Supported Educational Sessions

Delegates are cordially invited to attend the Satellite Symposia as part of the EuroPRevent 2011 scientific programme.
Course objectives:
The aim is to present a practical approach to the management of patients with glucose perturbations and cardiovascular disease based on available practice guidelines and important recently derived knowledge. The course is suited for specialists and residents in cardiology, diabetology, general practice who frequently must address problems related to the patient population in focus. Specific teaching aims are:
- inform on the epidemiology of diabetes and cardiovascular disease
- instruct on proper tools for classification and screening of diabetes and prediabetes
- review present possibilities to treat hyperglycaemia
- inform on treatment to reduce cardiovascular risk in patients with diabetes and dysglycemia
- discuss state of the art in managing cardiovascular disease in patients with diabetes
- address some special conditions such as acute coronary syndromes, renal disease and coronary revascularisation in the diabetic patient
- use interactive case presentations to exemplify the contents of the programme

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30</td>
<td><strong>Master Class</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Epidemiology and diagnosis of diabetes mellitus and cardiovascular risk</strong></td>
</tr>
<tr>
<td></td>
<td>Master class in preventive cardiology - Focus on diabetes and cardiovascular disease</td>
</tr>
<tr>
<td></td>
<td>Chairperson(s): L. Ryden (Stockholm, SE); E. Standl (Munich, DE); D. Gaita (Timisoara, RO)</td>
</tr>
<tr>
<td>08:30</td>
<td>Introduction, course objectives and a review of available guidelines.</td>
</tr>
<tr>
<td></td>
<td>L. Ryden (Stockholm, SE)</td>
</tr>
<tr>
<td>08:48</td>
<td>Definition and classification of dysglycaemic states.</td>
</tr>
<tr>
<td></td>
<td>E. Standl (Munich, DE)</td>
</tr>
<tr>
<td>09:06</td>
<td>Epidemiology, detection and prognosis of glucose perturbations.</td>
</tr>
<tr>
<td></td>
<td>J. Tuomilehto (Helsinki, FI)</td>
</tr>
<tr>
<td>09:24</td>
<td>Myocardial infarction – Are we phasing a new phenotype?</td>
</tr>
<tr>
<td></td>
<td>K. Malmberg (Jonkoping, SE)</td>
</tr>
<tr>
<td>09:42</td>
<td>Case presentation and interactive discussion.</td>
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<tr>
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</tr>
<tr>
<td>10:00</td>
<td><strong>Master Class</strong></td>
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<tr>
<td></td>
<td><strong>Multifactoral management to reduce cardiovascular risk in patients with diabetes</strong></td>
</tr>
<tr>
<td></td>
<td>Master class in preventive cardiology - Focus on diabetes and cardiovascular disease</td>
</tr>
<tr>
<td></td>
<td>Chairperson(s): L. Ryden (Stockholm, SE); E. Standl (Munich, DE); D. Gaita (Timisoara, RO)</td>
</tr>
<tr>
<td>10:00</td>
<td>Identification of patients at high risk for cardiovascular disease.</td>
</tr>
<tr>
<td></td>
<td>L. Ryden (Stockholm, SE)</td>
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<tr>
<td>10:22</td>
<td>Glycaemic control – A combination of life style interaction and the use of drugs.</td>
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<tr>
<td></td>
<td>E. Standl (Munich, DE)</td>
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<tr>
<td>10:45</td>
<td>Multiple targets for intervention: optimising patient management.</td>
</tr>
<tr>
<td></td>
<td>P. Gaede (Gentofte, DK)</td>
</tr>
<tr>
<td>11:07</td>
<td>Case presentation and interactive discussion.</td>
</tr>
<tr>
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<td>6</td>
</tr>
<tr>
<td>12:00</td>
<td><strong>Master Class</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Specific treatment of coronary artery disease manifestations in patients with diabetes</strong></td>
</tr>
<tr>
<td></td>
<td>Master class in preventive cardiology - Focus on diabetes and cardiovascular disease</td>
</tr>
<tr>
<td></td>
<td>Chairperson(s): L. Ryden (Stockholm, SE); E. Standl (Munich, DE); D. Gaita (Timisoara, RO)</td>
</tr>
<tr>
<td>12:00</td>
<td>Acute coronary syndromes.</td>
</tr>
<tr>
<td></td>
<td>K. Malmberg (Jonkoping, SE)</td>
</tr>
<tr>
<td>12:18</td>
<td>Renal disease.</td>
</tr>
<tr>
<td></td>
<td>L. Weiss (Karlstad, SE)</td>
</tr>
<tr>
<td>12:36</td>
<td>Coronary interventions.</td>
</tr>
<tr>
<td></td>
<td>L. Ryden (Stockholm, SE)</td>
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<tr>
<td>12:54</td>
<td>Case presentation and interactive discussion.</td>
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<td>10</td>
</tr>
<tr>
<td>13:12</td>
<td>Concluding remarks and farewell.</td>
</tr>
<tr>
<td></td>
<td>E. Standl (Munich, DE)</td>
</tr>
<tr>
<td></td>
<td>14</td>
</tr>
</tbody>
</table>
### Thursday 14 April - Afternoon

#### 12:00 - 13:30
**Symposium**
**Room 3**

**Cardiovascular prevention in Russia: time for hopes and optimism.**
EACPR joint session with WHO and WHF  
**Chairperson(s): H. Saner (Bern, CH), R. Oganov (Moscow, RU)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Chairperson(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:00</td>
<td>Introduction: H. Saner (Bern, CH), R. Oganov (Moscow, RU)</td>
<td></td>
</tr>
<tr>
<td>12:10</td>
<td>Cardiovascular prevention in Russia: current status and perspectives</td>
<td>N. Pogosova (Moscow, RU)</td>
</tr>
<tr>
<td>12:25</td>
<td>Health centers in Russia: first experience</td>
<td>I. Osipova ( Barnaul, RU )</td>
</tr>
<tr>
<td>13:00</td>
<td>New technologies and views in cardiovascular research</td>
<td>E. Shlyhsto (St. Petersburg, RU)</td>
</tr>
</tbody>
</table>

#### 14:00 - 15:30
**Symposium**
**Room 1**

**CVD Global commitment to non-communicable diseases: ahead of the UN summit**
EACPR joint session with WHO and WHF  
**Chairperson(s): H. Saner (Bern, CH); K. Taubert (Geneva, CH)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Chairperson(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:00</td>
<td>The magnitude of the problem.</td>
<td>S. Mendis (Geneva, CH)</td>
</tr>
<tr>
<td>14:30</td>
<td>The UN summit and what the plans are.</td>
<td>A. Alwan (Geneva, CH)</td>
</tr>
<tr>
<td>15:00</td>
<td>European perspective on the UN Summit</td>
<td>P. Puska (Helsinki, FI)</td>
</tr>
</tbody>
</table>

#### 14:00 - 15:30
**Symposium**
**Room 2**

**Medical, legal and ethical aspects of eligibility screening for competitive sports participation**
EACPR Joint session with IOC  
**Chairperson(s): A. Pelliccia (Rome, IT); S. Sharma (London, GB)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Chairperson(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:00</td>
<td>Implementation of the pre-participation screening and IOC. Recommendation is the goal for sport physicians.</td>
<td>A. Pelliccia (Rome, IT)</td>
</tr>
<tr>
<td>14:22</td>
<td>Legal responsibilities in eligibility screening: for the physician, the athlete, the team and the federation.</td>
<td>N. M. Panhuyzen-Goedkoop (Rozendaal, NL)</td>
</tr>
<tr>
<td>14:45</td>
<td>Ethical aspects of eligibility evaluation: does the athlete have the right not to know?</td>
<td>K. Dierickx (Leuven, BE)</td>
</tr>
<tr>
<td>15:07</td>
<td>Athletes with cardiac disease; dead and buried or chance for resurrection?</td>
<td>F. Carre (Rennes, FR)</td>
</tr>
</tbody>
</table>

#### 14:00 - 15:30
**Symposium**
**Room 3**

**Corporate Health I**  
**Chairperson(s): M. Halle (Munich, DE); M. Carnethon (Chicago, US)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Chairperson(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:00</td>
<td>The power of balance: insights from 80 CEO interviews.</td>
<td>C.J. van der Graaf (Wassenaar, NL)</td>
</tr>
<tr>
<td>14:22</td>
<td>Corporate Wellness: a need or necessity?</td>
<td>J. Austin (Wrexham, GB)</td>
</tr>
<tr>
<td>14:45</td>
<td>International perspective in corporate wellness</td>
<td>L. Rice (San Diego, US)</td>
</tr>
<tr>
<td>15:07</td>
<td>The wellness challenge: how to deliver corporate wellness programmes to large organisations?</td>
<td>L. D. Dugmore (Stockport, GB)</td>
</tr>
</tbody>
</table>

#### 14:00 - 15:30
**Symposium**
**Room 4**

**ELIPS: a multidimensional prevention programme after Acute Coronary Syndrome (ACS)**
Special session from the University of Geneva.  
**Chairperson(s): F. Mach (Geneva, CH); S. Windecker (Bern, CH)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Chairperson(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:00</td>
<td>Time to rethink phase I cardiac rehabilitation.</td>
<td>P. Meyer (Geneva, CH)</td>
</tr>
<tr>
<td>14:30</td>
<td>ELIPS: a multi-dimensional prevention programme after an ACS in a national network.</td>
<td>P.-F. Keller (Geneva, CH)</td>
</tr>
<tr>
<td>15:00</td>
<td>A multicentre tobacco cessation programme in ACS.</td>
<td>N. Rodondi (Lausanne, CH)</td>
</tr>
</tbody>
</table>
### Thursday 14 April - Afternoon

#### 16:00 - 17:30

**Symposium**

**Global challenges in CVD prevention**  
EACPR joint session with WHO and WHF  
**Chairperson(s):** S. Mendis (Geneva, CH); P. Puska (Helsinki, FI)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>16:00</td>
<td>Enough of «WHY», we need more «HOW».</td>
<td>B. Kayser (Geneva, CH)</td>
</tr>
<tr>
<td>16:30</td>
<td>Developing guidelines that work.</td>
<td>S. Smith (Chapel Hill, US)</td>
</tr>
<tr>
<td>17:00</td>
<td>Are finances driving health? A personal view after 10 Health Economic Forums in Davos.</td>
<td>K. Schwab (Geneva, CH)</td>
</tr>
</tbody>
</table>

#### 16:00 - 17:30

**Symposium**

**Competitive sports participation in high-risk patients**  
EACPR joint session with IOC  
**Chairperson(s):** P. Jenoure (Basel, CH); M. Papadakis (London, GB)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>16:00</td>
<td>Sport activity in patients with ICD.</td>
<td>H. Heidbuchel (Leuven, BE)</td>
</tr>
<tr>
<td>16:22</td>
<td>Sport activity in patients with channelopathies.</td>
<td>A. Biffi (Rome, IT)</td>
</tr>
<tr>
<td>16:45</td>
<td>Sport activity in asymptomatic patients with ischaemic heart disease.</td>
<td>M. Borjesson (Vastra Frolunda, SE)</td>
</tr>
<tr>
<td>17:07</td>
<td>Sport activity in Marfan patients with a non (or mildly) dilated aortic root.</td>
<td>M. Groenink (Amsterdam, NL)</td>
</tr>
</tbody>
</table>

#### 16:00 - 17:30

**Symposium**

**Corporate Health II**  
**Chairperson(s):** S. Logstrup (Brussels, BE); S. Capewell (Liverpool, GB)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>16:00</td>
<td>Health at work: engaging corporations in CVD prevention.</td>
<td>M. Gillespie (London, GB)</td>
</tr>
<tr>
<td>16:30</td>
<td>Cost-effectiveness of corporate health measures. What can be expected?</td>
<td>M. Carnethon (Chicago, US)</td>
</tr>
<tr>
<td>17:00</td>
<td>Health promotion at work: the potential role of the EACPR.</td>
<td>M. Halle (Munich, DE)</td>
</tr>
</tbody>
</table>

#### 16:00 - 17:30

**Special Session**

**Successful prevention programmes in Switzerland**  
Organised by Ligue Vaudoise contre les maladies cardiovasculaires. (League in Vaud Canton against cardiovascular diseases)  
**Chairperson(s):** J. Cornuz (Lausanne, CH); C. Vuille (Nyon, CH)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>16:00</td>
<td>Introduction.</td>
<td>J. Cornuz (Lausanne, CH)</td>
</tr>
<tr>
<td>16:15</td>
<td>PAPRICA: how to train physicians to promote physical activity.</td>
<td>F. Peduzzi (Chavannes-Pres-Renens, CH)</td>
</tr>
<tr>
<td>16:30</td>
<td>Training Swiss physicians in smoking cessation: a success story?</td>
<td>J.P. Humair (Geneve, CH)</td>
</tr>
<tr>
<td>16:45</td>
<td>Bilan &amp; Conseil Santé: a short intervention an the workplace reduces cardiovascular risk.</td>
<td>R. Darioli (Lausanne, CH)</td>
</tr>
<tr>
<td>17:00</td>
<td>ADOS: prevention of obesity in teenagers, a Swiss educational programme.</td>
<td>D. Durrer (Veyey, CH)</td>
</tr>
<tr>
<td>17:15</td>
<td>HEALTH COACHING: a 4-step programme for health behavior counseling in primary care practice.</td>
<td>U. Grueninger (Bern, CH)</td>
</tr>
</tbody>
</table>

#### 18:00 - 19:00

**Opening Ceremony** (see inside cover)
### Friday 15 April - Morning

#### 08:30 - 10:00  Symposium Room 1

**Generation XXL**  
Chairperson(s): S. K. Malyutina (Novosibirsk, RU); S. Adamopoulos (Athens, GR)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Chairperson(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30</td>
<td>Atheroobesity - it all starts in children</td>
<td>A. Koerner (Leipzig, DE)</td>
</tr>
<tr>
<td>08:52</td>
<td>Adipose tissue, inflammation and atherosclerosis.</td>
<td>H. Mangge (Graz, AT)</td>
</tr>
<tr>
<td>09:15</td>
<td>Exercise intervention in the treatment of obesity: selection of proper training modalities to maximise adipose tissue mass loss.</td>
<td>D.R.M.J. Hansen (Hasselt, BE)</td>
</tr>
<tr>
<td>09:37</td>
<td>Weight reduction diet – Which strategies are effective. To be announced</td>
<td></td>
</tr>
</tbody>
</table>

#### 08:30 - 10:00  Symposium Room 2

**Professional sports to promote children’s health**  
EACPR joint session with UEFA and WHF  
Chairperson(s): L. D. Dugmore (Stockport, GB); G. S. Tell (Bergen, NO)

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>08:30</td>
<td>Risks and benefits of children’s sports participation.</td>
<td>E. J. Meiboom (Lausanne, CH)</td>
</tr>
<tr>
<td>08:52</td>
<td>Something to chew on: Manchester United programme promoting healthy diet and physical activity.</td>
<td>A. Smith (Manchester, GB)</td>
</tr>
<tr>
<td>09:15</td>
<td>Muuvit: linking schools and football clubs to promote physical activity.</td>
<td>M. Merikanto (Zurich, CH)</td>
</tr>
<tr>
<td>09:37</td>
<td>Eat for goals: Professional footballers promoting healthy diet.</td>
<td>P. Gasser (Nyon, CH)</td>
</tr>
</tbody>
</table>

#### 08:30 - 10:00  Symposium Room 3

**Global challenges in cardiac rehabilitation: women, minorities, ageing and long term compliance**  
Chairperson(s): J.-P. Schmid (Bern, CH); P. Doherty (York, GB)

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>08:30</td>
<td>Are younger women more challenging?</td>
<td>H. McGee (Dublin, IE)</td>
</tr>
<tr>
<td>08:52</td>
<td>Cardiac rehabilitation in minorities: a balance between barriers and special needs.</td>
<td>K. Jolly (Birmingham, GB)</td>
</tr>
<tr>
<td>09:15</td>
<td>The elderly: an expensive challenge or an effective therapy.</td>
<td>S. Gielen (Leipzig, DE)</td>
</tr>
<tr>
<td>09:37</td>
<td>Integrating hospital, primary care and community resources for long term compliance.</td>
<td>M. Cupples (Belfast, GB)</td>
</tr>
</tbody>
</table>

#### 08:30 - 09:15  How-to Session Room 4

**How to apply the latest evidence in treating dyslipidemia?**  
Chairperson(s): O. H. Franco Duran (Cambridge, GB)

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>08:30</td>
<td>How to apply the latest evidence in treating dyslipidemia?</td>
<td>Z. Reiner (Zagreb, HR)</td>
</tr>
</tbody>
</table>

#### 09:15 - 10:00  How-to Session Room 4

**How to treat hypertension in the elderly?**  
Chairperson(s): G. Kojda (Duesseldorf, DE)

<table>
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<th>Time</th>
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<tbody>
<tr>
<td>09:15</td>
<td>How to treat hypertension in the elderly?</td>
<td>R. Fagard (Leuven, BE)</td>
</tr>
</tbody>
</table>

### 10:00 - 11:00  Healthy Break in Exhibition Area - Moderated Poster & Poster Viewing (See page 25)
### Friday 15 April - Morning

#### 11:00 - 12:30  
**Symposium**  
**Room 1**

**Exciting developments in atherosclerotic imaging**  
Chairperson(s): Z. Fras (Ljubljana, SI); U. Landmesser (Zurich, CH)

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>11:00</td>
<td>Carotid intima-media thickness measurement: a tool in cardiovascular screening programmes.</td>
<td>H.M. Den Ruijter (Utrecht, NL)</td>
</tr>
<tr>
<td>11:22</td>
<td>Where are we going with endothelial function measurement?</td>
<td>J.P.J. Halcox (Cardiff, GB)</td>
</tr>
<tr>
<td>11:45</td>
<td>Clinical usefulness of arterial stiffness.</td>
<td>C. Vlachopoulos (Athens, GR)</td>
</tr>
<tr>
<td>12:07</td>
<td>New developments in non-invasive imaging.</td>
<td>To be announced</td>
</tr>
</tbody>
</table>

#### 11:00 - 12:30  
**Symposium**  
**Room 2**

**The UEFA way to healthy stadia**  
EACPR joint session with UEFA and WHF  
Chairperson(s): T. Zdrojewski (Sopot, PL); E. J. Meijboom (Lausanne, CH)

<table>
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<tbody>
<tr>
<td>11:00</td>
<td>Healthy stadia: innovative approach to health promotion in Europe.</td>
<td>R. Ireland (Wokingham, GB)</td>
</tr>
<tr>
<td>11:22</td>
<td>Arena study and EACPR recommendations on arena safety.</td>
<td>M. Borjesson (Vastra Frolunda, SE)</td>
</tr>
<tr>
<td>11:45</td>
<td>Smoke-free sporting events.</td>
<td>L. Sanda (Geneva, CH)</td>
</tr>
<tr>
<td>12:07</td>
<td>A matter of life and death. What happens outside the stadia?</td>
<td>E. Katz (Lausanne, CH)</td>
</tr>
</tbody>
</table>

#### 11:00 - 12:30  
**Symposium**  
**Room 3**

**Smoking ban and smoking cessation: more arguments to support smoke free legislation**  
Chairperson(s): K. Kotseva (London, GB); E. Prescott (Copenhagen, DK)

<table>
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<th>Time</th>
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<tr>
<td>11:00</td>
<td>Smoke-free policy in Europe</td>
<td>A. Peruga (Washington, US)</td>
</tr>
<tr>
<td>11:22</td>
<td>Smoking ban: does it lead to smoking cessation and improved health status.</td>
<td>P. Goodman (Dublin, IE)</td>
</tr>
<tr>
<td>11:45</td>
<td>CVD and second hand smoke. The Scottish case.</td>
<td>V. Gallo (London, GB)</td>
</tr>
<tr>
<td>12:07</td>
<td>Smoking cessation: strategies and outcomes and effective.</td>
<td>P. Tonnesen (Copenhagen, DK)</td>
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</tbody>
</table>

#### 11:00 - 12:30  
**Symposium**  
**Room 4**

**Prevention from bench to bedside: the Japanese and European experience**  
EACPR joint session with JACR  
Chairperson(s): H. Itoh (Tokyo, JP); H. Saner (Bern, CH)

<table>
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<th>Time</th>
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<tbody>
<tr>
<td>11:00</td>
<td>New insights into cardiovascular prevention and rehabilitation: from bench to bedside.</td>
<td>H. Shimokawa (Sendai, JP)</td>
</tr>
<tr>
<td>12:00</td>
<td>Cardiovascular prevention and rehabilitation: the European way.</td>
<td>B. Bjarnason-Wehrens (Cologne, DE)</td>
</tr>
</tbody>
</table>
### Friday 15 April - Lunchtime

#### 12:45 - 13:45  
**Satellite Symposium**  
Room 2

**What is SHAPE? Why do we need to SHAPE up primary prevention?**  
Satellite Symposium organised by SHAPE  
Chairperson(s): M. Naghavi (Houston, US)

- **12:45**  
  What is SHAPE? Why do we need to SHAPE up primary prevention?  
  E. Falk (Aarhus N, DK)

- **13:00**  
  Detection of subclinical coronary atherosclerosis with calcium scoring for improved risk prediction.  
  R. Erbel (Essen, DE)

- **13:15**  
  Detection of subclinical carotid atherosclerosis for improved risk prediction.  
  H. Sillesen (Copenhagen, DK)

- **13:30**  
  Detection of subclinical PAD for improved risk prediction.  
  S. Moehlenkamp (Essen, DE)

#### 12:45 - 13:45  
**Satellite Symposium**  
Room 3

**Targeting heart rate to prevent cardiovascular events: new opportunities with ivabradine**  
Satellite Symposium organised by SERVIER  
Chairperson(s): H. Saner (Bern, CH); M. Komajda (Paris, FR)

- **12:45**  
  Introduction.  
  H. Saner (Bern, CH)

- **12:50**  
  Management of heart rate in coronary artery disease.  
  G. M. C. Rosano (Rome, IT)

- **13:05**  
  Management of heart rate in heart failure.  
  M. Komajda (Paris, FR)

- **13:20**  
  Panel discussion.  
  M. Komajda (Paris, FR)

- **13:40**  
  Conclusion.  
  M. Komajda (Paris, FR)

#### 12:45 - 13:45  
**Workshop**  
Room 4

**Prevention of cardiovascular diseases, exercise and transportation**  
Workshop organised by Institute for Mobility Research  
Chairperson(s): To be announced; S. Gielen (Leipzig, DE)

- **12:45**  
  Exercise, active commuting and cardiovascular disease prevention.  
  M.A. Hamer (Preston, GB)

- **13:05**  
  Mobility in urban areas – Future trends.  
  I. Feige (Munich, DE)

- **13:25**  
  Providing premium products and premium services for individual mobility.  
  H. Schurkus (Munich, DE)
Friday 15 April - Afternoon

14:00 - 15:30 Main Session  Room 1

CVD Prevention around the world - the good examples
EACPR joint session with WHF
Chairperson(s): H. Saner (Bern, CH); S. Sans Menendez (Barcelona, ES)

14:00 The north Karelia project. 83
P. Puiska (Helsinki, FI)

14:22 Ferrara, city of prevention, a model for the 21st century? 84
R. Ferrari (Ferrara, IT)

14:45 Physical activity promotion in school children: the Swiss experience. 85
S. Kriemler (Basel, CH)

15:07 The good examples from India. 86
K. S. Reddy (New Dehli, IN)

14:00 - 15:30 Symposium  Room 2

Beyond the ECG and conventional echocardiography
Chairperson(s): E. E. Solberg (Oslo, NO); K.-P. Mellwig (Bad Oeynhausen, DE)

14:00 The role of cardiac magnetic resonance imaging in sports cardiology 87
R. O’Hanlon (Dublin, IE)

14:22 Novel echocardiographic modalities: 3-D echo, speckle tracking and strain rate imaging – potential roles in sports cardiology. 88
S. Caselli (Rome, IT)

14:45 What are the indications for conventional and cardiopulmonary exercise testing in young competitive athletes? 89
F. Carre (Rennes, FR)

15:07 Potential recommendations for CT coronary angiography in athletes. 90
B. K. Velthuis (Amersfoort, NL)

14:00 - 15:30 Special Session  Room 3

Late Breaking Trial
Chairperson(s): G. Kamensky (Bratislava, SK); D. Vanuzzo (Udine, IT)

14:00 Evaluation of the implementation of the Fourth Joint European Societies’ Task Force Guidelines on Cardiovascular Diseases Prevention in Clinical Practice 90A
K. Morgan (Dublin, IE)

14:15 EuroCaReD: a new registry to compare outcomes following different cardiac rehabilitation programmes across Europe – first results. 90B
W. Benzer (Feldkirch, AT)

14:30 Cardiac rehabilitation: improvement in risk reduction. 90C
H.R. Wentzel (Amsterdam, NLJ)

14:45 Rate and predictors of drop-out from cardiac rehabilitation. 90D
A. Hoffmann (Basel, CH)

15:00 Simple educational and behavioural intervention improves patient adherence to statins in outpatient settings. 90E
P. Kardas (Lodz, PL)

15:15 Effects of childhood obesity on vascular function. 90F
V. Palumbo (Grumo Appula, IT)

14:00 - 15:30 Symposium  Room 4

The best of the EHJ and EJCPR: new frontiers in prevention.
Chairperson(s): D. E. Grobbee (Utrecht, NL); U. Landmesser (Zurich, CH)

14:00 Introduction. 90G
D.E. Grobbee (Utrecht, NL)

14:30 EUROASPIRE III: a survey on the lifestyle, risk factors and use of cardioprotective drug therapies in coronary patients from 22 European countries. 90H
K. Kotseva (London, GB)

14:45 Sudden death in persons younger than 40 years of age: incidence and causes 90I
I. Vaartjes (Utrecht, NL)

15:00 Plasma aldosterone levels are associated with increased cardiovascular mortality: the Ludwigshafen risk and cardiovascular (LURIC) study. 90J
A. Tomaschitz (Graz, AT)

15:15 Circulating microRNAs are new and sensitive biomarkers of myocardial infarction. 90K
Y. D’alessandra (Milan, IT)
## Friday 15 April - Afternoon

### 16:30 - 18:00 Symposium Room 1

**The older generation**  
**Chairperson(s):** T. Jorgensen (Glostrup, DK); S. K. Malyutina (Novosibirsk, RU)

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>16:30</td>
<td>The burden of cardiovascular disease in the elderly: morbidity, mortality and costs.</td>
<td>A. Holly (Lausanne, CH)</td>
</tr>
<tr>
<td>16:52</td>
<td>Vascular determinants of life span.</td>
<td>F. Cosentino (Rome, IT)</td>
</tr>
<tr>
<td>17:15</td>
<td>Sports and exercise in the elderly: safety and efficacy?</td>
<td>M. Halle (Munich, DE)</td>
</tr>
<tr>
<td>17:37</td>
<td>Keeping your brain young later on in life - On the emerging role of neuroimaging in determining functional and structural brain plasticity induced by exercise.</td>
<td>H. Boecker (Bonn, DE)</td>
</tr>
</tbody>
</table>

### 16:30 - 18:00 Symposium Room 2

**Practical aspects of health evaluation in athletes**  
**EACPR joint session with EFSSMA**  
**Chairperson(s):** H.-H. Dickhuth (Freiburg, DE); A. Mosterd (Amersfoort, NL)

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<tbody>
<tr>
<td>16:30</td>
<td>Physical evaluation of an athlete’s strength: how and why?</td>
<td>K.P. George (Liverpool, GB)</td>
</tr>
<tr>
<td>17:15</td>
<td>Physical evaluation of an endurance athlete in the field: how and why?</td>
<td>F. Carre (Rennes, FR)</td>
</tr>
<tr>
<td>17:37</td>
<td>The evaluation of a team athlete: example of football.</td>
<td>L.D. Dugmore (Stockport, GB)</td>
</tr>
</tbody>
</table>

### 16:30 - 18:00 Symposium Room 3

**Standards for assessment and prescription of ET in cardiac rehabilitation**  
**EACPR joint session with AACVR**  
**Chairperson(s):** M. F. Piepoli (Piacenza, IT); B. Sanderson (Auburn, US)

<table>
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<tbody>
<tr>
<td>16:30</td>
<td>Aerobic exercise intensity prescription in cardiac rehabilitation: the physiological side of the coin.</td>
<td>A. Mezzani (Veruno, IT)</td>
</tr>
<tr>
<td>17:15</td>
<td>Aerobic exercise intensity prescription in cardiac rehabilitation: the clinical side of the coin.</td>
<td>B. Sanderson (Auburn, US)</td>
</tr>
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</table>

### 16:30 - 17:15 How-to Session Room 4

**Risk scoring and risk markers**  
**Chairperson(s):** F. D. R. Hobbs (Birmingham, GB)

<table>
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<tbody>
<tr>
<td>16:30</td>
<td>Risk scoring and risk markers.</td>
<td>G. De Backer (St Martens Latem, BE)</td>
</tr>
</tbody>
</table>

### 17:15 - 18:00 How-to Session Room 4

**How to session**  
**Chairperson(s):** B. Bjarnason-Wehrens (Cologne, DE) - E. Garcia Porrero (Leon, ES)

<table>
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<tbody>
<tr>
<td>17:15</td>
<td>How to improve adherence of patients to cardiac rehabilitation programmes: tips and tricks.</td>
<td>P. Dendale (Hasselt, BE)</td>
</tr>
</tbody>
</table>
Friday 15 April - Evening

18:15 - 19:00  Meet the Experts  Room 1

Meet the expert  
Chairperson(s): W. Benzer (Feldkirch, AT)

18:15  Telemonitoring.  103
S. Scalvini (Lumezzane, IT)

18:15 - 19:00  Meet the Experts  Room 2

Challenges in sport cardiology  
Chairperson(s): H. K. Rasmusen (Holte, DK); F. van Buuren (Bad Oeynhausen, DE)

18:15  Can exercise unmask hypertrophic cardiomyopathy  104
H. Raju (Solihull, GB)
18:30  Myocardial bridge: another reason for disqualification.  105
E. Guerra (Rome, IT)
18:45  Repolarisation anomaly in an elite athlete.  106
N. M. Panhuyzen-Goedkoop (Rozendaal, NL)

18:15 - 19:00  Meet the Experts  Room 3

Meet the expert  
Chairperson(s): N. Pogosova (Moscow, RU)

18:15  Psychosocial support.  107
S. S. Pedersen (Tilburg, NL)

18:15 - 19:00  Meet the Experts  Room 4

Stroke prevention: what is new for the cardiologist?  
Chairperson(s): D. Milicic (Zagreb, HR); S. Moebius-Winkler (Leipzig, DE)

18:15  Devices.  108
B. Meier (Bern, CH)
18:37  Emerging concepts in drug treatment.  109
C. Walther (Bad Homburg, DE)
**Scientific Programme**

**SATURDAY - FRIDAY - THURSDAY**

**Friday 15 April - Morning Poster**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Poster Area</th>
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</thead>
<tbody>
<tr>
<td>08:30 - 12:30</td>
<td>Moderated Posters</td>
<td>P110 - P123</td>
</tr>
</tbody>
</table>

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

The following abstracts were chosen for their outstanding quality and will be discussed during this coffee-break session from 10:00 - 11:00. Each presenter will have 5 minutes to present the research to the moderator and the audience.

**Rehabilitation and implementation**

Chairperson(s): J. Perk (Kalmar, SE); P. Marques-Vidal (Lausanne, CH)

*10:00* Adherence to cardioprotective drugs as a structured outcome of cardiac rehabilitation programs after coronary revascularization: data from the ICAROS study

M. Ambrosetti, R. Tramarin, R. Griffo, F. Fattirrioli, S. De Feo, A.R. Vestri, P.L. Temporelli

(Cunardo, Cernusco, Arenzano, Florence, Peschiera del Garda, Rome and Veruno, IT)

10:07 A Meta-analysis of the effects of Exercise Training on Left Ventricular Remodelling Following Myocardial Infarction: Start early and go long for greatest exercise benefits on mortality


(Edmonton and Vancouver, CA; Stanford and Durham, US)

10:15 Combined whole body aerobic/ventilatory muscle training versus whole body aerobic training in patients with chronic heart failure. The VENT-HEFT study: A prospective randomised Multi-European trial


(Athens, GR; Bern, CH; Docent Cardiovascuaraarre Fysiologie, BE)

10:22 Rehabilitation of patients with severe heart failure and pulmonary hypertension


(Moscow, RU)

10:30 A nurse coordinated prevention program improves quality of life in coronary patients: results from the RESPONSE trial


(Amsterdam, NL)

10:37 Flow mediated dilation normalized for peak shear rate predicts outcome in symptomatic heart failure patients


(Turin and Veruno, IT)

10:45 Efficacy and safety of high intensity interval training versus moderate continuous training in patients with left ventricular dysfunction.

A. Galati, A. Rossetti, A. Picelli, C. Forcellini, G. Adone, M. Delfini, F. Renzi, S. Criscimanni

(Rome, IT)

10:52 Comparison of functional status between patients with ventricular assist devices and patients after heart transplantation

I. D. Laoutaris, S. Adamopoulos, A. Manginas, L. Louca, M.S. Kallistratos, A. Gkouziouta, V. Vartela, A. Dritsas

(Athens, GR)

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<tbody>
<tr>
<td>08:30 - 12:30</td>
<td>Poster Session 1</td>
<td>P118 - P127</td>
</tr>
</tbody>
</table>

Posters must be set up between 08:00 and 08:30, removed between 12:30 and 13:00 in order to be on display between 08:30 and 12:30. The presenter should be available by the poster during the coffee break (10:00 - 11:00) to discuss the poster with the audience.

**Prevention and epidemiology**

The CUORE Project: Cardiovascular Risk Assessment Implementation as a Measure of Primary Prevention for Cardiovascular Diseases

L. Palmieri, R. Rielli, C. Donfrancesco, P. De Sanctis Caiola, O. Brignoli, A. Cuffari, L. De Mattei, S. Giampaoli

(Rome, Bologna, Firenze and Milan, IT)

SCOR performance in Central and Eastern Europe and former Soviet Union: MONICA and HAPIE results


(London, GB; Warsaw and Krakow, PL; Prague, CZ; Novosibirsk, RU; Kaunas, LT)

Excess risk attributable to traditional cardiovascular risk factors in clinical practice settings across Europe. The EUROKA Study

E. Gualair, ~ On Behalf Of The Euroka Study Group

(Baltimore, US)

Age-predicted maximal heart rate in 3320 healthy subjects: The HUNT Fitness Study

B. Nes, U. Wisloff, A. Stoylen, T. Karlson

(Trondheim, NO)

SCOR performance and education in Central and Eastern Europe and former Soviet Union: evidence from MONICA and HAPIE studies


(London, GB; Warsaw and Krakow, PL; Prague, CZ; Novosibirsk, RU; Kaunas, LT)

Blood pressure, lipids and glucose management in people at high risk of developing cardiovascular disease: Results of ASPIRE-2-PREVENT survey in the UK

K. Kotseva, C. Jennings, E. Turner, D. Wood

(London, GB)
Efficiency of the cardiovascular prevention program on the workplace: 2-years follow-up
A. Kontsevaya, A. Kalinina, S. Belonosova, Y.U. Pozdnyakov (Moscow, RU)
P124

Comparison of screening tools for calculating risk of cardiovascular disease in an Irish setting
D. O’Donovan, S. Byrne, M. Loughrey, G.M. Browne, I.J. Perry, L. Sahm (Cork, IE)
P125

Risk factor management and use of cardioprotective medication in patients with coronary heart disease: Results from ASPIRE-2-PREVENT survey in the UK
P126

Cardiovascular events among patients referred to cardiac rehabilitation after cardiac revascularisation: data from the ICAROS study
P127

Erectile dysfunction in coronary heart disease patients: why do we always forget?
P128

Physicians attitudes and frequency of traditional cardiovascular risk factors in primary prevention in Spain: Spanish results of the EURIKA study
J.R. Banegas, E. L. Masso-Gonzalez (Madrid, ES)
P129

The successful three-year educational campaign MOST as a powerful instrument for the implementation of the European guidelines on cardiovascular prevention in Slovakia
G. Kamensky, A. Dleš, J. Murín (Bratislava, SK)
P130

EUROACTION: Do couples attending a hospital based multidisciplinary cardiovascular prevention and rehabilitation programme share the same lifestyle habits? Do they change together?
P131

High physical activity minimizes the risk for cardiovascular disease in elderly inhabitants of Ikaria Island, irrespectively of obesity status.
C. Chrysohoou, E. Economou, D. Tsiachris, J. Andreou, G. Triantafyllou, E. Giakoumi, C. Pitsavos, C. Stefanadis (Athens, GR)
P132

One year hospitalizations in patients who underwent a cardiac rehabilitation programs after cardiac surgical or percutaneous revascularisation: data from ICAROS study
P133

Reinforced primary care improved the cardiovascular risk perception in asymptomatic high-risk patients included in EuroAspIre III Romania Follow-Up
L. Craciun, C. Avram, M. Iurciuc, D. Stancila, A. Avram, S. Mancas, D. Gaita (Timisoara, RO)
P134

Effective Ways of Educating Patients with NYHA II-III Class of Heart Failure and Their Relatives
G.P. Arutyunov, A.V. Ezerikhina, A.K. Rylova, E.A. Kolesnikova (Moscow, RU)
P135

Risk factor and ischaemic heart disease counseling awareness assessment in patients after coronary grafting and stenting procedures
M. Cupples, C. Cleeland, F. Kee, M. Tully (Belfast, GB)
P136

Subclinical hypothyroidism after CABG: the importance of a correct laboratory diagnostic procedure
E. Venturini, F. Antonelli, E. Talini, A. Scatolini (Cecina, IT)
P139

Secondary prevention with internet support after an acute coronary syndrome in greek patients
i. Chiotelis, A. Giannakopoulos, M. Kalafati, M. Koutsouradi, M. Kallistratos, A.J. Manolis (Athens, GR)
P140

Risk factors perception in asymptomatic patients with high cardiovascular risk
P141

Hyperoxic-hypercapnic preconditioning in metabolic and cardiovascular risk factors correction and prevention
P142

Efficacy of and long term adherence to dietary instruction in outpatient rehabilitation: prospective follow-up study of patients with coronary heart disease or cerebrovascular insult
F. Daehler Augustiny, M. Mueller, B. Fischer, J.P. Schmid, H. Saner (Bern, CH)
P143

Answers to a sensory stress test applied to employees of a public bank
P144

Risk profile of patients with coronary heart disease - the Bulgarian cohort of EUROASPIRE III-hospital arm
N. Gotcheva, B. Georgiev, D. Raev, S. Ivanov, D. Gotchev (Sofia, BG)
P145

Subjective ratings of perceived exertion in cardiac rehabilitation program: what can we rely on to predict exercise tolerance?
P146

PREvention and CONtrol Program for Cardiovascular Diseases in Turkish POPuLation (PRE-CONTROL Study)
P147
Aerobic capacity and work performance after cardiac rehabilitation in elderly patients  
P. Marques-Vidal, C. Davin, F. Paccaud, G. Waeber (Lausanne, CH)

Effects of aerobic training and detraining on the heart-rate variability, blood pressure, body composition, and aerobic fitness of older adults.  
M. R. P. Markus, S. E. Baumeister, T. Ittermann, S. Schipf, M. Doerr, H. Voelzke (Greifswald, DE)

The level of physical activity at the age of 65 predicts successful ageing seven years later. The PROOF Study.  
D. M. Aronov, D.G. Ioseliani, V.B. Krasnitsky, E.V. Sechenova, M.G. Bubnova (Moscow, RU)

Does medical care depend on the level of individual global risk? Results of the WOBASZ study.  

Prevalence of overweight and obesity among migrants in Switzerland: association with country of origin  
P. Marques-Vidal, P. Vollenweider, G. Waeder, F. Paccaud (Lausanne, CH)

Point-of-choice prompts: a public health approach to increase physical activity.  
H. Mueller-Riemenschneider, M. Nocon, K. Nitzschke, S.N. Willich (Berlin, DE)

Diastolic and systolic left-ventricular function is impaired in children with obesity compared to lean controls  

Burden of disease attributable to obesity and overweight in Switzerland  

Prevalence of overweight and obesity among migrants in Switzerland: association with country of origin  
P. Marques-Vidal, P. Vollenweider, G. Waeder, F. Paccaud (Lausanne, CH)

Hypertension awareness, treatment, and control among azerbaijani women  
U. O. Andersen, G.B. Jensen (Copenhagen, DK)

Trends in prevalence of hypertension and blood pressure level: a systematic review in the Portuguese population  
M. Pereira, C. Vales, V. Rocha, A. Azevedo, N. Lunet (Porto, PT)

Sodium and potassium urine excretion of the Italian adult population: preliminary results of the MINISAL-GIRCS study  
C. Donfrancesco, R. Ippolito, C. Lo Noce, R. Iacone, L. Palmieri, D. Vanuzzo, S. Giampaoli, P. Strazzullo (Rome, Naples and Udine, IT)

Dynamic retinal vessel response to flicker in obesity: a methodological approach  
T. Arlabosse, B.V. Viswanathan, T.L. Lyngdoh, G.M. Myers, P. Bovet (Lausanne, CH; Seychelles, SC; New York, US)

The use of a short-term program of physical training for patients with IHD after percutaneous coronary interventions in the program of rehabilitation and secondary prevention  
M. Aronov, D.G. Ioseliani, V.B. Krasnitsky, E.V. Sechenova, M.G. Bubnova (Moscow, RU)

Symptom clusters and clinical outcomes in patients with first-time acute myocardial infarction  
S. Y. Hwang, E. Y. Kim (Gwangju, KR)

Effects of variation in weight on long-term changes on left ventricular mass. The SHIP cohort study.  
M. R. P. Markus, S. E. Baumeister, T. Ittermann, S. Schipf, M. Doerr, H. Voelzke (Greifswald, DE)

Cardiorespiratory fitness prevents high blood pressure in obese adolescents  
G. Marcelino, J. Melich-Cerveira, F. Paccaud, P. Marques-Vidal (Lisbon, PT; Lausanne, CH)

Inflammation factors, physical fitness and obesity in children: cross-sectional results of a comprehensive school-based intervention study (JuvenTUM)  
M. Siegrist, H. Hanssen, C. Lammel, K.G. Parhofer, M. Vogeser, M. Halle (Munich, DE; Basel, CH)

Prevalence of overweight and obesity among migrants in Switzerland: association with country of origin  
P. Marques-Vidal, P. Vollenweider, G. Waeder, F. Paccaud (Lausanne, CH)

The G protein Beta3 subunit CBS257 influences the obesity in a hypertensive population  
R. Palma Dos Reis, A.I. Freitas, A.C. Sousa, P. Balza, A. Pereira, S. Freitas, J.J. Araujo, M.I. Mendonca (Lisbon and Funchal, PT)

Dynamic retinal vessel response to flicker in obesity: a methodological approach  
H. Hanssen, I. Land, A. Schmidt-Trucksass, D. Stilikova, M. Ali, K. Blume, M. Halle, K. Kotlar (Basel, CH; Munich, DE)

Association between cardiovascular risk factors and markers of adiposity in young adults in the Seychelles  
T. Ariabosse, B.V. Viswanathan, T.L. Lyngdoh, G.M. Myers, P. Bovet (Lausanne, CH; Seychelles, SC; New York, US)

Behaviour of arterial stiffness, left ventricular hypertrophy and insulin resistance in morbid obesity  

Aerobic capacity and work performance after cardiac rehabilitation in elderly patients  
P. Marques-Vidal, C. Davin, F. Paccaud, G. Waeder, P. Vollenweider (Lausanne, CH)

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Behaviour of arterial stiffness, left ventricular hypertrophy and insulin resistance in morbid obesity  
Friday 15 April - Morning Poster

**Scientific Programme**

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**Rehabilitation and implementation**

**Relationship between fitness and leptin levels in overweight and obese children**
M. Rank, M. Siegrist, D. Wilks, H. Langhof, W. Koenig, M. Halle (Munich, Berchtesgaden and Ulm, DE)

**Role of cognitive-behaviour therapy during cardiac rehabilitation in the long term achievement of target body weight in patients with coronary heart disease**
M. Sommaruga, P. Della Porta, R. Tramarin, P. Gremigni (Milan, Cernusco and Bologna, IT)

**Inpatient treatment and rehabilitation of obese children and adolescents with metabolic syndrome**
A. V. Starodubova, B. Kaganov, E. Pavlovskaya, A. Surkov, T. Strokova, A. Zubovich, G. Storozhakov, A. Kopelev (Moscow, RU)

**NO-donor induced cGMP-dependent AT2 receptor expression in porcine aortic endothelial cells and human umbilical vein endothelial cells**
S. Agouni, V.T. Diao, O. Kocgirli, M. Oppermann, T. Suvorava, G. Kojda (Düsseldorf, DE)

**Transforming growth factor beta 1 and cardiac remodelling in patients with type 2 diabetes mellitus associated with arterial hypertension**
A. Berezin, A.M. Glavatskiy (Zaporozhye, UA)

**Exercise training can improve some of the ambulatory blood pressure monitoring and stiffness parameters**
S. Iurciuc, A. Avram, A. Vlad, M. Iurciuc, C. Avram, L. Craciun, D. Duda-Seiman, S. Mancas (Timisoara, RO)

**Improving blood pressure control rates in a Romanian ambulatory cardiology setting 2002-2010**

**Secondary cerebrovascular arterial hypertension with the haemodynamically important stenosis of carotid bifurcation**
O.A. Germanova (Samara, RU)

**Mediterranean diet mediates the effect of diabetes mellitus on aortic distensibility in elderly individuals. IKARIA study.**
C. Chrysohoou, D. Roussos, S. Lagoudakou, A. Patialakas, M. Zaromitidou, G. Vogiatzi, C. Pitsavos, C. Stefanidis (Athens, GR)

**Dynamics of subclinical atherosclerosis and diurnal profile of blood pressure in hypertensive diabetic patients**
O.A. Koshelskaya, I.V. Vinnizkaya, R.S. Karpov (Tomsk, RU)

**Asociations between muscle mass, muscle strength, and exercise tolerance in patients with or without diabetes after coronary artery bypass grafting**

**Application of oral glucose tolerance test (OGTT) on patients in early cardiac rehabilitation**
E. Gelesz, A. Simon, S.H. Alipour, G. Veress (Balatonfured, HU)

**Metabolic and pleiotropic effects of fenofibrate in patients with coronary heart disease associated with hyperuricemia**
S. Lypovetska (Ternopil, UA)

**Efficacy of varenicline therapy in the «Board the bus and quit» smoking cessation program: three-month results.**
P. Clavario, C. Barbaria, L. Casalino, T. Zappulla, S. Benvenuto, R. Griffo (Genoa, IT)

**Beliefs about heart disease and their relationship to physical functioning one year later in people post myocardial infarction.**
G. Furze (Coventry, GB)

**Screening and treatment for depressive symptoms in coronary artery disease patients**
S. Shanmugasegaram, A.H. Kovacs, P. Oh, D.E. Stewart, S.L. Grace (Toronto, CA)

**Women display greater benefit from cardiac rehabilitation on symptoms of anxiety and depressed mood**
J. A. Stone, R.A. Arena, T. Campbell, T. Hauer, S.A. Aggarwal (Calgary, CA; Morgantown, US)

**Prevalence of Type D Personality and Its Impact on Life Quality of Siberian Patients with Multiple Cardiovascular Pathology**
O.I. Raikh, A. N. Sumin, E.V. Korok, A.V. Karpovich, A.V. Bezdenezhnykh, O.L. Barbarash (Kemerovo, RU)

**Basic and translational science**

**Endothelial function increases with age in adolescents**

**Suppressed increase in blood endothelial progenitor cell content as result of single exhaustive exercise bout in male revascularised coronary artery disease patients.**
D.R.M.J. Hansen, A. Daniels, K. Hensen, M. Hendriks, J. Berger, P. Dendale, R. Konincx, J.L. Rummens (Hasselt, BE)

**Effects of fenofibrate therapy on circulating adipocytokines in patients with primary hypertriglyceridaemia**
K. Koh, M. Quon (Incheon, KR; Bethesda, US)
The influence of habitual physical activity on endothelial function, chronic inflammation and visceral adiposity in young obese subjects
M. Polovina, T. Potpara, V. Giga, M. Licina, M.M. Ostojic, D. Simic, M.C. Ostojic (Belgrade, RS)

Heart rate recovery improves after inpatient weight loss therapy in overweight and obese children and adolescents (LOGIC-Trial)
D. C. Wilks, M. Rank, M. Siegrist, J. Christie, H. Langhof, M. Halle (Munich and Berchtesgaden, DE)

Omega-3 fatty acids exert multiple cardioprotection in male and female hypertensive rats.
N. Tribulova, J. Radosinska, B. Bacova, M. Barancik, J. Slezak, N. Tribulova (Bratislava, SK)

Chronicotropic response and heart rate recovery after exercise in cardiac patients with and without type 2 diabetes
V.R. Neves, H.V. Hulkuri, A.M. Kiviniemi, A.J. Hautala, A.M. Catai, O.P. Piira, T.H. Makikallio, M.P. Tulppo (Oulu, FI; São Carlos, BR)

Insulin resistant diabetic rats benefit from omega-3 fatty acids supplementation
J. Radosinska, B. Bacova, V. Dosenko, H. Lin, I. Imanaga, N. Tribulova (Bratislava, SK; Kiev, UA; Fukuoka, JP)

Antiarrhythmic potential of omega-3 fatty acids and atorvastatin in rats suffering from hypertriglyceridemia.
B. Bacova, J. Radosinska, V. Knezl, M. Barancik, J. Slezak, N. Tribulova (Bratislava, SK)

Six-year follow-up of a randomised controlled trial (RCT) supports home versus hospital-based exercise training after coronary artery by-pass graft surgery (CABGS)
H. Arthur, K.M. Smith, K. Thorpe, R.S. McKelvie (Hamilton and Toronto, CA; Chicago, US)

14:00 - 18:00
Moderated Posters

The following abstracts were chosen for their outstanding quality and will be discussed during this coffee-break session - from 15:30 - 16:30. Each presenter will have 5 minutes to present the research to the moderators and the audience.

Sports cardiology
Chairperson(s): S. Mazic (Belgrade, RS); M. Wilhelm (Bern, CH)

15:30 Heart rate reserve may determine exercise capacity in heart failure patients with normal ejection fraction
S. Pardaens, C. Van Laethem, J. Bartunek, N. Van De Veire, M. Vanderheyden, A.M. Willems, J. De Sutter (Ghent and Aalst, BE)

15:37 Long-term endurance sport is a risk factor for development of lone atrial flutter

15:45 Regular physical exercise training improves diastolic function in pre-diabetic, adipose patients with coronary artery disease
R. Hoellriegel, E. Beck, F. Woitek, S. Erbs, M. Blueher, M. Stumvoll, G. Schuler, A. Linke (Leipzig, DE)

16:00 Preparticipation screening of novice middle aged long distance runners.
P. Aagaard, A. Sahlen, L. Bergfeldt, F. Braunischweig (Stockholm and Gothenburg, SE)

16:07 Screening for Atrial Fibrillation (AF) in Belgium: a multicentre trial

16:15 Athlete’s heart and ethnicity: comparisons between Japanese, African-Caribbean and Caucasian professional soccer players
G. Kervio, J. Nagashima, M. Wilson, J. Gauthier, M. Murayama, L. Uzan, N. Ville, F. Carre (Rennes, Arles, Paris, FR; Yokohama, JP; Doha, QA)

16:22 Positive impact of yoga exercise program for female seniors on risk profiles of cardiovascular diseases
M. Djelic, D. Nesic, V. Ilic, J. Suzic, S. Stojiljkovic, D. Mitrovic, S. Mazic (Belgrade, RS)

14:00 - 18:00
Poster Session 2

Posters must be set up between 13:30 and 14:00, removed before 18:15 in order to be on display between 14:00 - 18:00. The presenter should be available by the poster during the coffee break (15:30 - 16:30) to discuss the poster with the audience.

Prevention and epidemiology
Cardiovascular risk reduction programme reverses risk factor clustering associated with elevated blood pressure in an Indian industrial population
J. Panniymakal, D. Prabhakaran, S. Goenka, L. Ramakrishnan, S. Padmanabhan, M. Huffman, P. Joshi, K.S. Reddy (Glasgow, GB; New Delhi and Nagpur, IN; Chicago, US)

Do men from Novi Sad suffer from hypertension more often?
T. Egic, V. Imbronjev (Novi Sad, RS)
Trains of healthy life for better cardiovascular prevention
A. Dlesk, G. Kamensky, J. Murin (Bratislava, SK)

Home-measured blood pressure and risk for cognitive decline in everyday practice
T. Yaneva-Sirakova, R. Tarnowska-Kadreva (Sofia, BG)

Impact of ecological situation on the development of the arterial hypertension
N. Burkdze (Tbilisi, GE)

Associations between the metabolic syndrome and left ventricular hypertrophy - the influence of gender and physical activity
M. Hallidin, P. Fahlstadius, U. De Faire, M. Vikstrom, M.-L. Hellenius (Stockholm, SE)

Gender differences in the prevalence of the metabolic syndrome among men and women with hypertension. Study of men and women born in 1953.
M. Novak, L. Bjorck, K. Manhem, A. Rosengren (Gothenburg, SE)

Is there a relationship between physical activity and a risk of elevated blood pressure in adolescents, the results of sopkard15 program.
P. Czarniak, P. Szczeniak, M. Krawczyk, A. Pakalska-Korcala, E. Krol, T. Zdrojewski (Gdansk, PL)

Forecasting diabetes prevalence using a simple model: England & Wales 1993-2006
M. O’faherty, J. Critchley, S. Wild, N. Unwin, S. Capewell (Liverpool, Newcastle upon Tyne and Edinburgh, GB)

Low levels of physical activity protect against onset of type 2 diabetes in older men; a British population based prospective cohort study.

Measuring risk online - Feasibility of using FINDRISC in an online workplace study
V. Gyberg, D. Hasson, J. Tuomilehto, L. Ryden (Stockholm, SE; Helsinki, FI)

Mortality among South Asian, Chinese and White diabetic patients prescribed statin therapy
N.W. Brunner, H. Wang, K. Ramanathan, N.A. Khan (Vancouver, CA)

Beneficial effect of black and green tea consumption on glucose levels in non-diabetic elderly men and women from the
M. O’flaherty, J. Critchley, S. Wild, N. Unwin, S. Capewell (Liverpool, Newcastle upon Tyne and Edinburgh, GB)

Beneficial effect of black and green tea consumption on lipid profile in elderly diabetic men and women form the
M. O’flaherty, J. Critchley, S. Wild, N. Unwin, S. Capewell (Liverpool, Newcastle upon Tyne and Edinburgh, GB)

Prediction of moderate-severe myocardial ischaemia by coronary artery calcium imaging in uncomplicated diabetic patients
M. Halldin, P. Fahlstadius, U. De Faire, M. Vikstrom, M.-L. Hellenius (Stockholm, SE)

Statin therapy in diabetic patients prior to acute myocardial infarction have protective effects on hospital morbidity and mortality
R. Li, W.X. Cao, J.Y. Huang, F.H. Chen, Y.H. Zeng, D.Y. Zhang (Shanghai, CN)

Diabetes care through frequent visits of health care providers from community health centre in china leads to good outcomes
J. Bellwon, M. Wiktorowicz, D. Zielinska, A. Grzybowski, M. Jaguszewski, K. Strijek, A. Rynkiewicz (Gdansk and Katowice, PL)

Low levels of physical activity protect against onset of type 2 diabetes in older men; a British population based prospective cohort study.

Prevalence of Left Ventricular Hypertrophy at Electrocardiography among Patients with Coronary Artery Disease and Diabetes Mellitus

Beneficial effects of black and green tea consumption on lipid profile in elderly diabetic men and women form the
M. O’flaherty, J. Critchley, S. Wild, N. Unwin, S. Capewell (Liverpool, Newcastle upon Tyne and Edinburgh, GB)

Total adiponectin levels in dyslipidemic subjects
D. Karasek, H. Vaverkova, M. Halenka, D. Jackuliakova, Z. Frysak, D. Novotny (Olomouc, CZ)

Significant differential metabolic effects of rosuvastatin and pravastatin in hypercholesterolemic patients
I. Zivanovic, S. Jelic, S. Radovanovic, B. Zivanovic, K. Strijek, A. Rynkiewicz (Gdask and Katowice, PL)

Admission Glycemia, Fasting Glycemia or Glycosilated Hemoglobin A1c - the best predictor of adverse cardiac events in acute myocardial infarction?

Change in LDL and HDL subclass profile in postmenopausal women receiving hormone replacement therapy
S. Alabakovska, M. Stojovski, D. Labudovic, K. Tosheska, S. Jovanova (Skopje, MK)

Total adiponectin levels in dyslipidemic subjects
D. Karasek, H. Vaverkova, M. Halenka, D. Jackuliakova, Z. Frysak, D. Novotny (Olomouc, CZ)

Doctors’ anticipation of statins’ effect on life length
P. Lytsy, G. Burell, R. Westerling (Uppsala, SE)

Lipid profile of patients with coronary heart disease - the Bulgarian cohort of EUROASPIRE III-hospital arm
N. Gotcheva, B. Georgiev, D. Raev, S. Ivanov, D. Gotchev (Sofia, BG)

Epidemiological study in primary prevention patients for cardiovascular disease (CVD)-Greek results of the «EUROKAI» study
M.S. Elisaf, N. Nikas, E. Tzouveleakis (Ioannina and Athens, GR)
Prevention of coronary heart disease (CHD) in prostate cancer (PC) patients undergoing androgen deprivation therapy (ADT).
A prospective study in Constanta County, Romania
L. Mazilu, I. Parepa, A.I. Suceveanu, A. Suceveanu, D. Tofolean, T. Adam, E. Craiu, P. Iorga (Constanta and Bucharest, RO)
Can the ratio of total cholesterol to apolipoprotein B100 be useful in the clinical staging of advanced atherosclerosis in pts undergoing hypolipidemic treatment with statins
P. Burchardt, B. Zuchowski, T. Kubacki, K. Wiktorowicz, H. Wysocki (Poznan, PL)
Close adherence to the Mediterranean diet in combination with statin treatment can substantially decrease lipids levels in elderly individuals. IKARIA study.
C. Chrysohoou, N. Galiatsatos, C. Mylonakis, K. Katte, S. Vogiatzoglou, V. Zoulia, C. Pitsavos, C. Stefanadis (Athens, GR)
Is there a snow-ball effect in change of lifestyle?
P. Prisinger (Glostrup, DK)
Reduced hospitalization for ST-elevation myocardial infarction after introduction of smoking ban in public places in canton Ticino, southern Switzerland
M. Di Valentino, S. Muzzarelli, A. Rigoli, C. Limoni, G. Pedrazzini, G. Barazzoni, A. Gallino (Bellinzona, Basel and Lugano, CH)
Brief intervention to motivate smokers to quit in primary medical care
U. John, S. Ulbricht, C. Goee, C. Meyer (Greifswald, DE)
Life style changes and reduction of cardiovascular disease mortality in the west of Ireland: a scenario study of smoking cessation.
S. Hennessy (Galway, IE)
Variant within the promoter region of the CHRNA3 gene associated with nicotine dependence is not related to willingness to quit smoking
P. Marques-Vidal, Z. Kutalik, F. Paccaud, S. Bergmann, G. Weaber, P. Vollenweider, J. Cornuz (Lausanne, CH)
Smoking in young females mitigates curving of smoking prevalence in Romania
R. M. Negoeescu (Bucharest, RO)
Relationship between smoking and other cardiovascular risk factor in young people
H. Dores, F. Gandara, S. Leal, C. Fonseca, I. Arroja, A. Alexo, A. Silva (Lisbon, PT)
Smoking habits after an acute coronary syndrome in a Greek population
I. Vogiatzis, A. Pantzartzidou, S. Pittas, A. Kotsanis (Veria, GR)
ST elevation myocardial infarction in population of active smokers
Psychosocial factors influencing smoking cessation in patients with coronary artery disease
J. Bakai, E. Simon, M. Lukacs, E. Csapo (Sopron, HU)
The Italian Health Examination Survey: Socio-Economic Differences in Time Cardiovascular Risk Factors
L. Palmieri, C. Lo Noce, C. Donfrancesco, F. Dima, P. Ciccarelli, S. Vannucci, S. Giampaoli, D. Vanuzzo (Rome and Udine, IT)
An innovative community based vascular prevention programme improves psychosocial outcomes in those at high cardiovascular risk: the Irish experience
A. Sugrue, I. Gibson, A.M. Walsh, G. Flaherty, J. Jones, S. Connolly, J. Crowley (Galway, IE; London, GB)
Socioeconomic indicators and cardiovascular disease risk in young people
S. K. Malyutina, M. Bobak, G. Simonova, V. Gafarov, Y.U. Nikitin, M. Marmot (Novosibirsk, RU; London, GB)
Physical fitness protects physicians from workplace stress: results from the EMPHASIS study.
D. Niederseer, B. Steger, H.P. Colvin, T. Finkenzeller, J. Rieder, J. Niebauer (Salzburg and Innsbruck, AT)
Fish consumption moderates depressive symptomatology, in elderly men and women from the IKARIA study
Does the relation between cardiovascular risk factors and education change?
J. Bruthans, Z. Skodova, R. Cifkova, V. Adamikova, D. Bruthansova, V. Lamsa (Prague, CZ)
Association of Type D personality with cardiovascular disease risk, unhealthy lifestyle and coronary events in the general population
E. Svansdottir, C.C. Van Den Broek, H.D. Karlsson, B. Thorsson, V. Gudnason, J. Denollet (Tilburg, NL; Reykjavik, IS)
Screening for coronary artery calcification does not affect psychological wellbeing
Do psychosocial risk factors influence the prevalence of hypertension and other classical cardiovascular risk factors in Polish general population?
R. Marques-Vidal, Z. Kutalik, F. Paccaud, S. Bergmann, G. Waeber, P. Vollenweider, J. Cornuz (Lausanne, CH)
Does the relation between cardiovascular risk factors and education change?
J. Bruthans, Z. Skodova, R. Cifkova, V. Adamikova, D. Bruthansova, V. Lamsa (Prague, CZ)
Association of Type D personality with cardiovascular disease risk, unhealthy lifestyle and coronary events in the general population
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Screening for coronary artery calcification does not affect psychological wellbeing
Do psychosocial risk factors influence the prevalence of hypertension and other classical cardiovascular risk factors in Polish general population?
J. Piwonski, A. Piwonska, T. Zdrojewski (Warsaw and Gdansk, PL)

Rehabilitation and implementation
Effect of a nurse coordinated prevention program on levels of depression and anxiety in patients after an acute coronary syndrome: results from the RESPONSE trial.
Effects of lifestyle interventions on high-risk patients after percutaneous coronary intervention single centre experience
M. Licina, M.M. Ostojic, V. Giga, B. Beleslin, T. Potpara, M. Polovina, M.C. Ostojic (Belgrade, RS)
Scientific Programme

Friday 15 April - Afternoon Poster

Changes in health-related quality of life and social support six-years after cardiac rehabilitation
H. Arthur, K.M. Smith, K. Thorpe, R.S. McKelvie (Hamilton and Toronto, CA; Chicago, US)

Improved quality of life with cardiac rehabilitation for post-myocardial infarction patients in Critical Care Unit
V. Sadeghzadeh (Zanjan, IR)

The results of Roger’s small group method in cardiac rehabilitation
G.Y. Ferencz, K. Keckskemeti, G. Andrassy (Budapest, HU)

Return to work after cardiac rehabilitation: psychological and work stress assessment
J. Giorgi, G. Calsamiglia, E. Fiabane, O. Omodeo, F. Scapa, S. Cantura, P. Argentiero (Pavia, IT)

An impaired pancreatic beta cell function attenuates the exercise training effects in phase 2 cardiac rehabilitation

Sociodemographic differences in provider endorsement of cardiac rehabilitation
S. Shanmugasegaram, D.E. Stewart, P. Oh, S. Anand, R. Reid, S.L. Grace (Toronto, Hamilton and Ottawa, CA)

Socioeconomic status and barriers to participation in cardiac rehabilitation
S. Shanmugasegaram, D.A. Alter, P. Oh, D.E. Stewart, S.L. Grace (Toronto, CA)

Changes of heart rate turbulence and -variability in patients with impaired left-ventricular function at high altitude.
K. Khattab, N. Brugger, H. Saner, J.P. Schmid, M. Wilhelm (Bern, CH)

Is Adiponectin Good or Bad in Patients with Coronary Artery Disease ? 1 Year Follow-up after Short-term Exercise Training
M. Kosydar-Piechna, M. Bilinska, J. Janas, R. Piotrowicz (Warsaw, PL)

Increasing the regular physical activity level reduced the cardiovascular risk in asymptomatic high-risk patients from EuroAspire III Romania Follow-Up
L. Criclun, A. Avram, S. Iurucuc, C. Popovici, C. Avram, S. Mancas, D. Gaita (Timisoara, RO)

Cardiac adaptation in spinal cord injury patients in comparison with physically active subjects
O. Vriz, A. Ius, D. Pavan, E. Bizzarrini, E. Bossone, F. Antonini-Canterin (San Daniele del friuli, Pordenone, Udine and Miano, IT)

Bridging the intention-behaviour gap: life-style modification intervention at the cardiology ward
S. Hofer, M. Platter, C. Holz, M. Hofer, D. Renn (Innsbruck, AT)

Daily physical activity levels in coronary artery disease patients involved in a phase III cardiac rehabilitation program

Barriers to participation in cardiac rehabilitation for rural inhabitants
S. Shanmugasegaram, P. Oh, E. Rulkholm, D.E. Stewart, S.L. Grace (Toronto and Sudbury, CA)

Cardiac rehabilitation barriers by program type
S. Shanmugasegaram, P. Oh, D.E. Stewart, S.L. Grace (Toronto, CA)

Metformin therapy in patients with metabolic syndrome reduces cardiometabolic risk
M. Susan, R.M. Susan, C. Serban, L. Susan, C. Tudor (Timisoara, RO)

Basic and translational science

Number and function of endothelial progenitor cells in patients with chronic heart failure and healthy subjects.
Is exercise training equally effective in the elderly?

Relation between central haemodynamics and gas exchange variables during exercise in patients with chronic heart failure
H. M. C. Kemps, V. Niemeijer, R.F. Spee, G. Schep, J. Hoogsteen, P.F.F. Wijn (Veldhoven and Eindhoven, NL)

Serum intact parathyroid hormone levels independently predict exercise capacity in stable heart failure patients
H. M. C. Kemps, V. Niemeijer, R.F. Spee, G. Schep, J. Hoogsteen, P.F.F. Wijn (Veldhoven and Eindhoven, NL)

Changes of heart rate turbulence and -variability in patients with impaired left-ventricular function at high altitude.
K. Khattab, N. Brugger, H. Saner, J.P. Schmid, M. Wilhelm (Bern, CH)

Influence of anaerobic threshold on oxygen uptake efficiency slope in patients with chronic heart failure

Severe atelectasis improved quality of life with cardiac rehabilitation in patients with impaired left-ventricular function at high altitude.
K. Khattab, N. Brugger, H. Saner, J.P. Schmid, M. Wilhelm (Bern, CH)

Exercise capacity in children with isolated congenital complete atrioventricular block: does pacing make a difference?
A. C. Blank, S. Halkin, J.L. Strengers, R.B. Tanke, T.A. Van Veen, M.A. Vos, T. Talke (Utrecht and Nijmegen, NL)

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### Friday 15 April - Afternoon Poster

**Sports cardiology**

- **Improved blood pressure profiles after regular aerobic exercise training in patients with arterial hypertension**  
  (Bad Oeynhausen and Goettingen, DE)
- **Impact of fitness on total cholesterol and HDL cholesterol levels in competitive top-level athletes**  
  (Bad Oeynhausen, DE)
- **A cross-sectional investigation in 100 veteran soccer players: medical profile and cardiocirculatory as well as metabolic stress during training and competition**  
  (Saarbrücken, DE)
- **Leisure sport activity as trigger for an acute coronary event in men without known coronary artery disease**  
  A single centre case study  
  R. Oeckinghaus, U. Tebbe, A. Cuneo  
  (Detmold, DE)

**The Simple Comparison of Right Ventricular Dysfunction with strain and 3D echocardiography in Patients with Pulmonary Hypertension**  
S.J. Yoon, S.Y. Kim  
(Goyang and Seoul, KR)

**Effect of different degree of physical activity on carotid artery stiffness in normal subjects**  
O. Vriz, E. Boscone, F. Antonini-Canterin  
(San Daniele del Friuli, Miano and Pordenone, IT)

**Former elite handball athletes have a higher prevalence of atrial fibrillation at the age of over 50 years**  
(Bad Oeynhausen, Schweinfurt and Goettingen, DE)

**Practical value of myocardial performance index in assessment of ventricular function in highly trained athletes**  
L. Maskhulia, V. Akhalkatsi, T. Chutkerashvili, Z. Kakhabrishvili, K. Chelidze  
(Tbilisi, GE)

**Comparing the prevalence of ECG abnormalities between young athletes and non-athletes: the implications for a nationwide screening programme**  
N. Chandra, M. Papadakis, R. Bastiaenen, H. Raju, S. Ghani, R. Howes, S. Sharma  
(London, GB)

**Preparticipation cardiovascular screening in athletes and leisure time sports participants: a 4 year experience in the Netherlands**  
N. M. Panhuyzen-Goedkoop, C.L. Panhuyzen, J.L.R.M. Smeets  
(Nijmegen and Middelburg, NL)

**Sex specific electrocardiographic differences in highly trained athletes: relevance to pre-participation cardiovascular evaluation.**  
(London, GB)
Saturday 16 April - Morning

08:30 - 09:30  Abstract Session  Room 1

**Oral abstract 1 - Cardiac rehabilitation**

Chairperson(s): S. Hofer (Innsbruck, AT); D. Gaita (Timisoara, RO)

- 08:30  Health-related quality of life using the HeartQoL, a new questionnaire for patients with angina, myocardial infarction or ischemic heart failure
  - N. B. Oldridge, S. Hofer, H. Mcgee, H. Saner (Milwaukee, US; Innsbruck, AT; Dublin, IE; Bern, CH)
- 08:45  EUROACTION: Do couples attending a hospital based multidisciplinary cardiovascular prevention and rehabilitation programme share the same perceptions of illness and rating of quality of life? Do they
- 09:00  Respiratory muscles trainings started in acute period of myocardial infarction patients with NYHA class III-IV heart failure
  - E.A. Kolesnikova, G.P. Arutyunov, A.K. Rylova, V.I. Lobzeva (Moscow, RU)
- 09:15  The chronotropic responses in heart transplant recipients - 1 year follow-up
  - K. Nytroen, J. Myers, K. Chan, O. Geiran, L. Gullestad (Oslo, NO; Palo Alto, US)

08:30 - 09:30  Abstract Session  Room 2

**Oral abstract 2 - Sports cardiology**

Chairperson(s): A. Zampelas (Athens, GR); P.A. Sirnes (Moss, NO)

- 08:30  Early repolarization changes in athletes: Is it benign or malignant?
  - S. Basavarajaiah, M. Papadakis, N. Chandra, S. Sharma (Cambridge and London, GB)
- 08:45  Ethnic variation in QT interval amongst highly trained athletes
  - H. Raju, M. Papadakis, V. Panoulas, J. Rawlins, S. Basavarajaiah, N. Chandra, E. Behr, S. Sharma (London, GB)
- 09:00  Efficacy of radiofrequency catheter ablation in athletes with atrial fibrillation
- 09:15  Atrial remodelling and atrial fibrillation in marathon and non-marathon runners.

08:30 - 09:30  Abstract Session  Room 3

**Oral abstract 3 - Prevention epidemiology & population science**

Chairperson(s): F. Mitu (Iasi, RO); M. Guazzi (Milan, IT)

- 08:30  A prospective study of intake of trans fatty acids from partially hydrogenated vegetable oils, marine oils and from ruminant fat and mortality from cardiovascular diseases
  - I. Laake, J.I. Pedersen, R. Selmer, B. Kirkhus, A.S. Lindman, A. Tverdal, M.B. Veierod (Oslo and Ås, NO)
- 08:45  Lifestyle and age at a first acute coronary syndrome- an Omega-trial observational sub-study
  - H. Göhlke, B. Rauch, S. Schneider, H. Katus, J. Senges (Bad Krozingen, Ludwigshafen and Heidelberg, DE)
- 09:00  Obesity and risk of incident heart failure in older men with and without pre-existing coronary heart disease: the role of leptin
  - S.G. Wannamethee, P.H. Whincup, L. Lennon, N. Sattar (London and Glasgow, GB)
- 09:15  Time trends in population proportions in ideal cardiovascular health
  - A. Burglykke, A.-S. S. Holm, G. S. Olsen, T. Jørgensen (Glostrup, DK)

08:30 - 09:30  Abstract Session  Room 4

**Oral abstract 4 - EBTR**

Chairperson(s): N. Geladas (Daphne, GR); P. Leeson (Oxford, GB)

- 08:30  Exercise training prevents TNF-alpha induced loss of diaphragmatic force in mice
- 08:45  Adiponectin promotes the migration of circulating progenitor cells through p38-mediated induction of the CXCR4 receptor
- 09:00  Acute responses to high intensity intermittent exercise versus moderate intensity continuous exercise in patients with heart failure.
- 09:15  Impact of endothelial dysfunction improvement after exercise training on prognosis in patients with recent myocardial infarction.
  - M. Vona, T. Tiziana Iannino, S. De Pascalis, T. Meister, B. Vermeulen (Billens and Fribourg, CH; Aoste, IT)
### Saturday 16 April - Morning

#### 10:30 - 11:15 Special Session

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>10:30</td>
<td>The President of EACPR presents S. Yusuf.</td>
<td>Room 1</td>
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<tr>
<td>10:35</td>
<td>CVD prevention in perspective: the personal view.</td>
<td>Room 1</td>
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#### 11:30 - 13:00 Symposium

**Different nutritional strategies in cardiac prevention**

**Chairperson(s):** U. Nixdorff (Duisburg, DE); S. Giampaoli (Rome, IT)

<table>
<thead>
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<tbody>
<tr>
<td>11:30</td>
<td>Strategies to reduce dietary salt.</td>
<td>Room 1</td>
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<tr>
<td>11:52</td>
<td>Diets and CV disease: an evidence-based assessment.</td>
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<tr>
<td>12:15</td>
<td>Functional food and CVD prevention.</td>
<td>Room 1</td>
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<tr>
<td>12:37</td>
<td>Green tea – all it needs for a healthy life?</td>
<td>Room 1</td>
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</table>

#### 11:30 - 13:00 Symposium

**Vexing issues in sports cardiology**

**Chairperson(s):** M. Borjesson (Vastra Frolunda, SE); A. Deligiannis (Thessaloniki, GR)

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<thead>
<tr>
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<tr>
<td>11:30</td>
<td>Elevated plasma levels of cTrop following ultra-endurance exercise: Physiological phenomenon or pathologic hype?</td>
<td>Room 2</td>
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<tr>
<td>11:52</td>
<td>What is the cardiovascular adaptation in purely strength trained athletes?</td>
<td>Room 2</td>
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<tr>
<td>12:15</td>
<td>Arrhythmias in ultra-endurance athletes: potential mechanisms and significance.</td>
<td>Room 2</td>
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<tr>
<td>12:37</td>
<td>Can cardiovascular disease be acquired through exercise?</td>
<td>Room 2</td>
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</tbody>
</table>

#### 11:30 - 13:00 Symposium

**Predicting and communicating CVD risk to patients and populations**

**Chairperson(s):** I. M. Graham (Dublin, IE); S. Sans Menendez (Barcelona, ES)

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<tr>
<td>11:30</td>
<td>Primary prevention and CVD risk prediction</td>
<td>Room 3</td>
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<tr>
<td>11:52</td>
<td>Should we estimate short-term or life-time CVD risk?</td>
<td>Room 3</td>
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<td>12:15</td>
<td>What is the place of new risk markers in risk prediction?</td>
<td>Room 3</td>
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<td>12:37</td>
<td>A Heart age tool for communicating CVD risk directly to the public.</td>
<td>Room 3</td>
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#### 11:30 - 12:15 How-to Session

**Retinal vessel structure and function and the association with atherosclerosis**

**Chairperson(s):** A. H. P. Linke (Leipzig, DE); M. Lezha (Tirana, AL)

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<td>11:30</td>
<td>Cardiovascular risk assessment - methodology and clinical aspects.</td>
<td>Room 4</td>
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<tr>
<td>11:52</td>
<td>Lifestyle and retinal microcirculation.</td>
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### Saturday 16 April - Afternoon

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<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>12:15 - 13:00</td>
<td>How-to Session</td>
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<td><strong>How to session</strong></td>
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<td>Chairperson(s): To be announced</td>
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<tr>
<td>12:15</td>
<td>How to calibrate your self-perceived exertion?</td>
<td>338</td>
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<td></td>
<td>J. P. Buckley (Chester, GB)</td>
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<tr>
<td>13:15 - 14:15</td>
<td>Satellite Symposium</td>
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<td></td>
<td><strong>Reducing the burden of cardiovascular disease – The need for improving risk intervention</strong></td>
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<td>Satellite Symposium organised by AstraZeneca</td>
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<td></td>
<td>Chairperson(s): F.D.R. Hobbs (Birmingham, GB) - W. Koenig (Ulm, DE)</td>
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<tr>
<td>13:15</td>
<td>Introduction.</td>
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<td>F.D.R. Hobbs (Birmingham, GB)</td>
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<tr>
<td>13:20</td>
<td>Current trends in CVD risk prevalence and CVD mortality.</td>
<td>338B</td>
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<td>W. Koenig (Ulm, DE)</td>
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<td>13:30</td>
<td>CVD risk management in the real-life setting.</td>
<td>338C</td>
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<td>J.P.J. Halcox (Cardiff, GB)</td>
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<tr>
<td>13:50</td>
<td>CVD risk management – Attaining best practice.</td>
<td>338D</td>
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<td>G. De Backer (St Martens Latem, BE)</td>
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<tr>
<td>14:10</td>
<td>Discussion and close.</td>
<td>338E</td>
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<td></td>
<td>F.D.R. Hobbs (Birmingham, GB)</td>
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<tr>
<td>14:30 - 16:00</td>
<td>Symposium</td>
<td>Room 1</td>
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<td></td>
<td><strong>Life style changes beyond exercise and diet</strong></td>
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<td>Chairperson(s): A. Jegier (Lodz, PL); J. Niebauer (Salzburg, AT)</td>
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<tr>
<td>14:30</td>
<td>Chocolate and CVD.</td>
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<td>I. Sudano (Zurich, CH)</td>
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<tr>
<td>14:52</td>
<td>Dancing: a new form of exercise training.</td>
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<td>R. Belardinelli (Ancona, IT)</td>
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<td>15:15</td>
<td>Yoga and Tai Chi. Does it really help?</td>
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<td>B. Khandheria (Milwaukee, US)</td>
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<td>15:37</td>
<td>Music: a double-edge sword.</td>
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<td>A. Dritsas (Athens, GR)</td>
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<tr>
<td>14:30 - 16:00</td>
<td>Symposium</td>
<td>Room 2</td>
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<td><strong>Beyond the left ventricle</strong></td>
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<td>Chairperson(s): H. Heidbuchel (Leuven, BE); H. Bjornstad (Bergen, NO)</td>
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<td>14:30</td>
<td>The athlete’s heart 2011: a 20 year investigation from left ventricular to aortic remodelling</td>
<td>343</td>
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<td>A. Pelliccia (Rome, IT)</td>
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<tr>
<td>15:00</td>
<td>The next frontier to knowledge: What is the right ventricular adaption to chronic intensive exercise?</td>
<td>344</td>
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<td>S.T.A. Zaidi (Guildford, GB)</td>
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<tr>
<td>15:30</td>
<td>Differentiating the athletes right ventricle from arrhythmogenic right ventricular cardiomyopathy: the practical and pragmatic approach</td>
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<td>D. Corrado (Padova, IT)</td>
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<tr>
<td>16:00 - 17:00</td>
<td>Healthy Break in Exhibition Area - Moderated Poster &amp; Poster Viewing (See page 42)</td>
<td></td>
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</tbody>
</table>
**Young investigator award - Clinical science**

**Chairperson(s):** J. Myers (Palo Alto, US); D. E. Grobbee (Utrecht, NL)

**Judge(s):** D.R. Labarthe (Atlanta, US); S. Gielen (Leipzig, DE); E. Prescott (Copenhagen, DK); B. Rauch (Freiburg Breisgau, DE)

**14:30** Omega-3 -index erythrocytes as index reflecting the content of omega-3 polyunsaturated fatty acids in biомembranes of cardiomyocytes

E. Gavva, D. Tsaregorodtsev, I. Mamedov, A. Stonogin, A. Lysenko, V. Sulimov (Moscow, RU)

**14:45** Effects of exercise training on myocardial perfusion and left-ventricular function after acute myocardial infarction: a gated SPECT imaging study

F. Giallauria, W. Acampa, A. Vitelli, L. Maresca, M. Mancini, A. Greco, A. Cuocolo, C. Vigorito (Naples, IT)

**15:00** Physical training in patients with atrial fibrillation: a randomised study of the effect on exercise capacity, cardiac output and quality of life


**15:15** Decline in coronary heart disease mortality due to risk factor changes, in Portugal, between 1995 and 2008

M. Pereira, K. Bennett, N. Lunet, A. Azevedo, S. Capewell (Porto, PT; Dublin, IE; Liverpool, GB)

**15:30** Modelling Coronary Heart Disease Mortality Decline in Northern Ireland (1987-2007)

J. Hughes, F. Lee, K. Bennett, M. O’Thalerty, J. Critchley, M. Cupples, S. Capewell (Belfast, Liverpool and Newcastle upon Tyne, GB; Dublin, IE)

**15:45** Short and long sleep duration in relation to 10-year cardiovascular disease incidence: The MORGEN Study

M. P. Hoevenaar-Blom, A.M.W. Spijkerman, D. Kromhout, J.F. Van Den Berg, W.M.M. Verschuren (Bilthoven, Wageningen and The Hague, NL)

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**Young investigator award - Basic and translational science**

**Chairperson(s):** V. Adams (Leipzig, DE); V. Conraads (Edegem, BE)

**Judge(s):** To be announced; U. Landmesser (Zurich, CH); L. E. M. Vanhees (Leuven, BE); J.P.J. Halcox (Cardiff, GB)

**14:30** ECG abnormalities in children and adolescents undergoing pre-partecipation cardiovascular evaluation: implications for ECG-screening

F. Migliore, A. Zorzi, P. Michieli, B. Bauce, I. Rigato, M. Schiavon, S. Iliceto, D. Corrado (Padova, IT)

**14:45** Echocardiographic assessment of right ventricular dimensions in professional football players: time to re-evaluate the limits of normality?

A. Zaidi, H. Raju, S. Ghani, N. Sheikh, S. Gati, S. Sharma (London, GB)

**15:00** Ethnic differences in repolarisation patterns and left ventricular remodelling in highly trained male adolescent (14-18 years) athletes

M. Papadakis, F. Carre, G. Kervio, V. Panoulas, J. Rawlins, H. Raju, N. Sheikh, S. Sharma (London, GB; Rennes, FR)

**15:15** Differential Response of Murf-1 and Mafbx Expression in the Skeletal Muscle to Training Interventions in Heart Failure Patients

M. Sandri, V. Adams, N. Mangner, R. Hambrecht, G. Schuler, S. Gielen (Leipzig, DE)

**15:30** Exercise NO-independently upregulates AT-2 receptor expression in-vivo.

V.T. Dao, T. Suvorava, G. Kojda (Dusseldorf, DE)

**15:45** Effect of successive dives on circulating cells with vasculogenic potential

E. Van Craenenbroeck, V. Cikes Culic, N. Rezic, M. Ljubkovic, T. Breskovic, V. Conraads, Z. Dujic (Edegem, BE; Split, HR)
Saturday 16 April - Morning Poster

**08:30 - 12:30**
**Moderated Posters**

Moderated posters must be set up between 08:00 and 08:30 and removed before 13:15 in order to be on display between 08:30 and 13:00 in the designated Moderated Poster Area.

The following abstracts were chosen for their outstanding quality and will be discussed during this coffee-break session - from 09:30 - 10:30. Each presenter will have 5 minutes to present the research to the moderators and the audience.

**Prevention and epidemiology**

Chairperson(s): T. Takken (Alphen Aan Den Rijn, NL); D. T. Zdrenghea (Cluj-Napoca, RO)

09:30 Effects of variation in weight on long-term changes in blood pressure. The SHIP cohort study.  
M. R. P. Markus, S. E. Baumeister, T. Ittermann, S. Schipf, M. Doerr, H. Voelkle (Greifswald, DE)  
P382

09:37 Treatment and control of dyslipidaemia in hypertension in a random population sample of the Czech Republic over the past 10 years.  
M. Jozičová, R. Cifková, Z. Skodová, J. Bruthans, M. Galovcová, P. Wohlhaft, A. Krajcovichevová, V. Lanska (Prague, CZ)  
P383

10:00 Disturbed adiponectin AMPK system in skeletal muscle of metabolic syndrome patients  
(Antwerp, BE; Trondheim, NO; Paris, FR)  
P386

10:07 Preliminary analyses for the updating of the Italian CUORE Project cardiovascular risk charts  
C. Donfrancesco, L. Palmieri, D. Vanuzzo, S. Panico, G. Cesana, M. Ferrario, L. Pilotto, S. Giampaoli  
(Rome, Udine, Naples, Monza and Varese, IT)  
P387

10:15 Forecasting U.S. Type 2 diabetes prevalence to 2030: Validation of a simple model.  
M. O’Flaherty, J. Critchley, S. Panico, G. Cesana, M. Ferrario, L. Pilotto, S. Giampaoli  
(London, GB; Antwerp, BE; Trondheim, NO; Paris, FR)  
P388

10:22 Uric acid, endothelial dysfunction and subclinical atherosclerosis  
E. E. Babes, V.V. Babes, M.I. Popescu, A.I. Ardelean (Oradea, RO)  
P389

**08:30 - 12:30**
**Poster Session 3**

Posters must be set up between 08:00 and 08:30 and removed before 13:15 in order to be on display between 08:30 and 13:00. The presenter should be available by the poster during the coffee break (09:30 - 10:30) to discuss the poster with the audience.

**Prevention and epidemiology**

General perceived control and cardiovascular disease mortality in middle age men and women in Polish sample  
A. Pajak, K. Szafiraniec, M. Kozeła (Krakow, PL)  
P390

Adverse clinical outcome related to transient and persistent anxiety and depression among patients with cardiovascular disease  
H. Kornerup, A.D. Zwisler Olsen, E. Prescott (Copenhagen, DK)  
P391

Prevalence of distress in patients with different coronary behaviour patterns  
A. N. Sumin, O.I. Raik, A.V. Karpovich, E.V. Korok, A.V. Bezdenzhezykh, O.L. Barbarash (Kemerovo, RU)  
P392

Cross-cultural equivalence of Type D (Distressed) personality. A study from the International HeartOol Project  
N. Kupper, S.S. Pedersen, S. Hoefer, H. Saner, N. Oldridge, J. Denollet (Tilburg, NL; Innsbruck, AT; Bern, CH; Milwaukee, US)  
P393

A review of association between personality profile and metabolic syndrome  
(London, GB; Ioannina and Kalamata, GR)  
P394

The secrets of the very elderly: the Ikaria Island study  
P395

Association between self-rated health and cardiovascular risk factors in Slovene adult population  
J. Farkas, Z. Fras, J. Maucec-Zakotnik, L. Zalazni-Kragelj (Ljubljana, SI)  
P396

Depressive symptoms and metabolic syndrome in Polish general population. Results of the WOBASZ study  
(Warsaw, GDansk, Poznan, Krakow and Lodz, PL)  
P397

Predictive value of depression in patients with arterial hypertension and coronary heart disease: results of the COORDINADA study  
Y.M. Yuferova, G.-N.V. Pogosova, R.G. Oganev, I.E. Kotlunov, A.D. Deev (Moscow, RU)  
P398

Comparing the prognostic value of depression assessed in hospital and at two months in predicting 12-year deaths in female cardiac patients  
M. U. C. Worcester, B. Murphy, M. Rogerson, P. Elliott, R. Higgins, M. Le Grande, A. J. Goble (Melbourne, AU)  
P399
Stress reduction in women with CHD may improve life, sleep quality, increase survival
K. Orth-Gomer (Stockholm, SE)

Depressive symptoms predict cardiovascular mortality in arterial hypertension and coronary heart disease patients: results of a 3-year follow-up multicentre study
Y.M. Yuferova, G.-N.V. Pogosova, R.G. Oganov, I.E. Koltunov, A.D. Deev (Moscow, RU)

Traditional cardiovascular risk factor distribution and control in Switzerland: the Eureka study
R. Darioli, G. Plebani, A.R. Miseres (Lausanne, Zug and Basel, CH)

Cardiovascular risk factors are dependent on TSH level in euthyroid 15-year old children.
Z. Esden-Tempska, A. Lewczuk, K. Sworczak, P. Czarniak, P. Szczesniak, M. Krawczyk, E. Krol, T. Zdrojewski (Gdansk, PL)

A survey of physicians' attitude towards the control of cardiovascular risk factors. Swiss results of the EURiKA study
A.R. Miseres, G. Plebani, R. Darioli (Basel, Zug and Lausanne, CH)

The combined contribution of albuminuria and glomerular filtration rate to the prediction of cardiovascular mortality in elderly men
E. Nerpini, E. Ingelsson, U. Riserus, J. Sundstrom, A. Larsson, E. Jobs, S. Hallan, J. Arnlv (Uppsala and Stockholm, SE; Trondheim, NO)

Elevated serum uric acid is associated with high circulating inflammatory cytokines in the population-based Colaus study
T. Lyngdoh, P. Marques-Vidal, P. Bovet, F. Paccaud, M. Preisig, G. Waeber, M. Bochud, P. Vollenweider (Lausanne, CH)

Association of uric acid with hypertension and metabolic syndrome in a non-hospital based Brazilian population

Changes in risk factors management before occurrence of acute myocardial infarction: a substudy from the MONICA-BELULLX registry.
E. Schrder, L. Gabriell, J. Jamart, P.H. Boyazis, P. Chenu, V. Dangoisse, E. Morandini, A. Guedes (Yvoir, BE)

Association between cognitive function and stress in Muscovites 55 years old and older. The SAHR study.
S.A. Sainlova, A.D. Deev, M.A. Shkolnikova, V.V. Konstantinov, Y.L.A. Balanova, A.V. Kapustina, I.N. Lechuk, T.N. Timofeeva (Moscow, RU)

Prevalence of cardiovascular disease risk factors in a Norwegian population at workplaces and community meeting places
A. Aasland, O.G. Mæland, F. Botten, E. Sigurdsson, K. Thorslund, E. Næss, F. Stabernak, A. Birkeland (Oslo, NO)

Prevalence of cardiovascular disease risk factors in the population-based Colaus study
T. Lyngdoh, P. Vollenweider, G. Waeber, P. Marques-Vidal (Lausanne, CH)

Lifestyle, geographical habits and the way we put in the practice
M. Jirkovicka, Z. Stefanikova, L. Sobota, L. Sevcikova (Bratislava, SK)

Contrast nephropathy in acute coronary syndromes: can cystatin-C predict it better?
F. Simoes Marques Assuncao Caetano, P. Gomes, S. Barra, R. Providencia, A. Botelho, P. Mota, A. Leitao Marques (Coimbra, PT)

Lifestyle and cardiovascular risk factors among medical students

Prevalence of diabetes, glucose intolerance, dyslipidemia and chronic renal insufficiency, and cardiovascular events, among 270,000 adult population
J.A. Alarcon, A. Salcedo, S. Palomar, M. Eneriz, J. Umaran, E. Laraudogoitia, I. Lekuona (Galdacano, ES)
Effect of MTHFR C677T gene polymorphism and of folates, vitamins B6 and B12 intake on homocysteine level in the adult Polish population

A. Wasikiewicz, W. Piotrowski, A. Piwonska, E. Sygnowska, G. Broda, R. Ploski (Warsaw, PL)

The incremental value of noninvasive tests of atherosclerosis in risk stratification for cardiovascular disease, a systematic review

S.A.E. Peters, H.M. Den Ruijter, M.L. Bots (Utrecht, NL)

Better long-term survival in young and middle-aged women than in men after a first myocardial infarction between 1985 and 2006. An analysis of 8632 patients in the Northern Sweden MONICA Study


Stable angina pectoris without significant coronary artery stenoses is associated with increased risks of major adverse cardiovascular events


Arterial stiffness and functional ageing: the whitehall II study


New simple comorbidity index for prognosis assessment in non-ST-segment elevation acute coronary syndrome


Please die within working hours: periodicity of cardiovascular deaths in Switzerland

M. Reavey, P. Marques-Vidal [Lausanne, CH]

Control of cardiovascular risk factors within UK primary care: UK results of the EURIKA study

E. Godfrey, J. Halcox [Cardiff, GB]

UK primary care physicians attitudes and approaches to primary prevention of cardiovascular disease: UK results of the EURIKA study

E. Godfrey, J. Halcox [Cardiff, GB]

Changes in LDL-C levels and goal attainment associated with addition of ezetimibe to simvastatin, atorvastatin and rosuvastatin compared with titrating statin monotherapy


The predictive value of flow mediated dilation and carotid artery intima-media thickness for coronary artery disease

B. Mutlu, B. Ozben Sadic, K. Tigen, T. Karaahmet, Y. Basaran [Istanbul, TR]

Geographic origin and atherosclerosis risk in Finnish children

P. Saio, K. Pakhala, J. Vilkari, L. Vahamurto, M. Saarinen, T. Ronnemaa, O. Simell, O.T. Raitakari (Turku, FI)

Prediction of coronary heart disease using a genetic risk score, in a south European population

M. Mendonca, R. Palmos Dos Reis, A. Pereira, A. B. Freitas, S. Serra, S. Freitas, A. Brehm [Funchal and Lisbon, PT]

Usefulness of pain presentation characteristics for predicting outcome in patients presenting to the hospital with chest pain of uncertain origin


Changes in medical treatment 6 months after coronary artery calcium scanning of healthy middle-aged Danes


Influence of media consumption and physical activity on endothelial function and cardiac autonomic nervous modulation in children


The effect of lifestyle interventions in the secondary prevention of coronary heart disease: a systematic review

J. A. Cole, S.M. Smith, N. Hart, M.E. Cupples [Belfast, GB; Dublin, IE]

The efficacy of integration in clinical practice of electronic version of SCORE in treating hypertensive patients

D. Nebierdiez, A.S. Safarian, S.A. Shalnava, A.D. Deev, R.G. Oganov [Moscow, RU]

The effect of low-dose marine n-3 fatty acids on leukotriene biosynthesis in overweight subjects

M.S. Nielsen, A. Henriksen, T. Madsen, T. Obel, I. Aardestrup, E.B. Schmidt [Aalborg, DK]

Prevalence and control of traditional cardiovascular risk factors for the primary prevention of CVD: the Belgian data of the EURIKA study


Has mild-moderate diastolic dysfunction an adverse prognostic impact in post Myocardial Infarction patients with good systolic function?

S. N. C. Barra, L. Paiva, J. Silva, R. Providencia, P. Gomes, F. Caetano, C. Faustino, A. Leitao Marques [Coimbra, PT]

Socioeconomic gradients in cardiovascular risk factors and knowledge in rural India, and their impact on behaviour modification

M. J. Zaman, A. Patel, C.K. Chow [Sydney, AU]

Carotid intima-media thickness is associated with prehypertension in a healthy population - Results of the Heinz Nixdorf Recall Study


Coronary artery calcium score improves cardiovascular risk prediction in persons without indication for statin therapy

The prevalence of normal common carotid artery IMT in patients with carotid plaque. P451
M. Matangi, A. Dillon, D. Armstrong, U. Jurt, D. Brouillard (Kingston, CA)
Subclinical atherosclerosis and high sensitivity C-reactive protein in a population of patients suffering from Metabolic Syndrome. P452
A. Peritore, S. Evola, F. Macaione, F. Cutitta, M. Meschisì, D. Di Lisi, G. Novo, S. Novo (Palermo, IT)
Activity of local fat depots and results after coronary stenting P453
G. Chumakova, N. Veselovskaya, A. Kozarenko (Barnaul and Kemerovo, RU)
Coronary heart attack Ireland register (CHAIR): the first four years P454
K. Bennett, S. Jennings, B. Cavanagh, P. Kearney, P. Kearney (Dublin and Cork, IE)
Correlations between SCORE Cardiovascular Disease Risk and Severity of the Coronary Heart Disease P455
S. Kostic, D. Mijakovic, I. Tasic (Niska Banja, RS)
Serum Adiponectin levels in patients with coronary artery disease P456
M. F. Elnoamany, I. Abdelfattah, A. Dawood, A. Kamal, S. Zahran (Shebeen El-Koom, EG)
Nutritional supplement with policosanol, red yeast, berberine, folate acid and antioxidants in patients with hypercholesterolemia in secondary prevention. P457
A. Macchi, I. Franzoni, I. Rosa, F. Buzzetti, M.C. Pedrigi, R. Gorla, G.V. Gaudio, A. Margonato (Milan, IT)
Acute coronary syndrome: circadian and weekly variation in incidence and pre-hospital delay P458
N.N. Nikulin, S.S. Yakushin, S.A. Boytsov, G.I. Furmenko, S.A. Akina (Ryazan, Moscow, Voronezh and Khanty-Mansiysk, RU)
Completeness of carotid intima-media thickness measurements: analysis of the METEOR study P459
S.A.E. Peters, H.M. Den Ruijter, J.S. Raichen, M.L. Bots (Utrecht, NL; Wilmington, DE, US)
Trends in ischaemic heart disease and stroke death ratios in Brazilian women and men P460
A.P. Mansur, D. Favaro, S.D. Avakian, J.A.F. Ramires (São Paulo, BR)
Hypertension stages related to subclinical coronary atherosclerosis and prognosis P461
R. Erbel, S. Churzidse, N. Lehmann, S. Moebus, N. Dragano, S. Moehlenkamp, K.H. Joekel (Essen, DE)
Rehabilitation and implementation
Are fixed-rate step-tests medically safe for assessing physical fitness? P462
D.R.M.J. Hansen, N. Jacobs, S. Bex, G. D’haene, P. Dendale, N. Claes (Hasselt, BE)
Adherence to lifestyle management and treatment in patients after acute coronary syndromes P463
I. D. Sapunova, G.-N. V. Pogosova, I. Koltunov (Moscow, RU)
Measures of effectiveness of cardiac rehabilitation and secondary prevention programs: preliminary results of a review of the literature P464
M. M. Van Engen-Verheul, H.M.C. Kemps, N.F. De Keizer, N.B. Peek (Amsterdam and Veldhoven, NL)
Gender-specific changes on functional capacity in very old patients early after bypass surgery (CABG) - comparison between standard cardiac rehabilitation (CR) and additional daily functional training P465
J. C. Busch, D. Willemsen, J. Placke, B. Bjarnason-Wehrens (Bad Rothenfelde and Cologne, DE)
Can a cardiac rehabilitation programme improve patient’s lifestyle after a myocardial infarction? P466
Individual risk factors control in coronary patients with prior revascularisation procedures addressed to secondary prevention programmes P467
C. Avram, M. Iurciuc, S. Iurciuc, A. Avram, L.M. Craciun, D. Stancila, D. Gaita (Timisoara, RO)
Type D personality in patients with coronary artery disease and its impact on extent of coronary atherosclerosis P468
O.I. Raikh, A. N. Sumin, E.V. Korok, A.V. Bezdenezhnykh, O.L. Barbarash (Kemerovo, RU)
Stress, ongoing self monitoring of stress and ischemic heart disease rehabilitation P469
S. Balleagaard, F. Gyntelberg, J. Faber (copenhagen and Copenhagen, DK)
Role of frailty in elderly patients with cardiovascular disease undergoing cardiac rehabilitation P470
F. Cacciatore, P. Abete, F. Mazzella, A. Langellotto, G. Furgi, G. Longobardi, N. Ferrara, F. Rengo (Telese Terme and Naples, IT)
The minimally invasive cardiac surgery compared to the standard sternotomy determines better early rehabilitation outcomes P471
A. Wilczek-Banc, T. Roleder, K. Widenka (Rzeszow and Katowice, PL)
Impaired renal function reduces the anaerobic threshold in patients with chronic heart failure P472
K. Mukaiyama, M. Ozawa (Osaka, JP)
Acute effects of endurance training with or without whole body vibration on glucose metabolism and hormonal status in patients with chronic heart failure. P473
Short-term outcome prediction in patients attending cardiac rehabilitation P474
O. Febo, R. Maestri, A. Caporotondi, G.P. Guazzotti, V. Paganini, P.G. Riccardi, R. Riccardi, M. T. La Rovere (Montescano, IT)
Muscle Force Endurance-A Novel Tool To Assess Skeletal Muscle Training Effects In Heart Failure P475
I. Kozarek, M. Sandri, V. Adams, N. Mangner, R. Hambrecht, G. Schulz, S. Gielen (Leipzig, DE)
Changes in exercise capacity and modifiable risk factors after a comprehensive cardiac rehabilitation in patients with systolic dysfunction P476
M. Natini, S.H. Namadi, B. Kaboodi, M. Haghi, B. Moradi (Kermanshah, IR)
Saturday 16 April - Afternoon Poster

Efficacy of resistive exercise training with partial vascular occlusion in heart failure
A.H. Herdy, A. Cathcart, C.A. Souza, M. Godoy, J.P. Ribeiro (Florianopolis and Porto Alegre, BR)
P477

Central haemodynamic responses during high-intensity interval exercise and moderate continuous exercise in patients with chronic heart failure.
P. Meyer, E. Normandin, A. Nigam, M. Juneau, L. Bosquet, T. Guiraud, M. Gayda (Geneva, CH; Montreal, CA; Poitiers, FR)
P478

Cardiac resynchronization therapy response predicts occurrence of atrial fibrillation in non-ischaemic dilated cardiomyopathy: a single centre prospective study
V. Marino, S. D'ascia, C. D'ascia, G. Santulli (Naples, IT)
P479

14:00 - 18:00
Moderated Posters
Poster Area

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

The following abstracts were chosen for their outstanding quality and will be discussed during this coffee-break session from 16:00 - 17:00. Each presenter will have 5 minutes to present the research to the moderators and the audience.

Basic and translational science
Chairperson(s): J.P.J. Halcox (Cardiff, GB); P. Leeson (Oxford, GB)

16:00 Evaluation of prognostic stratification of congestive heart failure patients by recovery cardiopulmonary indices
E. Klainman, A. Yarmolovsky, R. Wishnitzer, D. Starubin, I. Rosenberg, A. Gilad, G. Fink (Givatayim and Rehovot, IL)
P480

16:07 Leukocyte-endothelial interaction is altered in coronary artery disease and type 2 diabetes: role of kinin signalling
P481

16:15 Assessment of endothelial function may be hampered by circulating lipid levels.
P482

16:22 The emerging role of adiponectin as a new marker of muscle wasting and exercise intolerance in CHF
P483

16:30 Overweight and obese postmenopausal women with type 2 diabetes are not disadvantaged in peak cardiac function but cannot improve cardiac power output with exercise training
K. Birch, S.E. Barber, D. Barker, N.T. Lewis, L.B. Tan (Leeds, GB)
P484

16:37 Serum cortisol levels is associated with exercise intolerance in patients with chronic heart failure
S. Dimopoulos, V. Agapitou, L. Karatzanos, L. Katsaros, S. Vakrou, E. Kaldara, E. Karga, S. Nanas (Athens, GR)
P485

16:45 Red cell distribution width (RDW) is a marker of poor exercise capacity and excessive exercise ventilation in patients with chronic heart failure
E. Straburzynska-Migaj, H. Popiak, A. Gwizdala, S. Grajek (Poznan, PL)
P486

16:52 The prognostic value of blood pressure in cardiopulmonary exercise test.: A simple, cost effective and strong predictor of outcomes in patients with HF.
M. S. Kallistratos, A. Dritsas, I. D. Laoutaris, L.E. Poulimenos, A. Pittaras, D. V. Cokkinos, A. Manolis (Athens, GR)
P487

14:30 - 18:30
Poster Session 4
Poster Area

Posters must be set up between 13:30 and 14:00, removed before 18:30 in order to be on display between 14:00 - 18:00. The presenter should be available by the poster during the coffee break (16:00 - 17:00) to discuss the poster with the audience.

Prevention and epidemiology

Incidences of acute myocardial infarction in Kaunas (Lithuania) middle-aged population during the past ten years: has it increased?
R. Radisauskas, G. Bernotiene, M. Baceviene, D. Sidlauskiene, K. Bernotas (Kaunas, LT)
P488

Epicardial adipose tissue as a risk factor of coronary atherosclerosis
G. Chumakova, N. Veselovskaya (Barnaul and Kemerovo, RU)
P489

Blood donation as an opportunity for population-wide surveillance and early detection of cardiovascular disease risk
S. Eason, M. Sayers (Bedford, US)
P490

Carrying of P450 2C19*2 polymorphism and use of proton pump inhibitors increase risk of adverse outcomes after elective PCI in Russian patients with CAD.
A. Komarov, O. Shakhmatova, A. Donnikov, T. Ilyushchenko, G. Dzhaliylova, E. Panchenko (Moscow, RU)
P491

Can cardiovascular risk factors be predictors of reperfusion strategy?
P. Sousa, S. Pereira, N. Marques, J. Mimoso, I. Jesus (Faro, PT)
P492

Sudden coronary death in average Russian population
A. Boytsov, S.S. Yakushin, N.N. Nikulina, S.A. Akinina, G.I. Furmenko (Moscow, Ryazan and Khanty-Mansiysk, RU)
P493
Scientific Programme
Saturday 16 April - Afternoon Poster

Serum neopterin and cytokine levels in coronary artery disease patients with stable and unstable angina
P. Tretjakovs, A. Jurka, I. Bornmane, I. Mikelsons, G. Krievina, J. Verbovenko, G. Baikhs, D. Fuchs [Riga, LV; Innsbruck, AT]

Association of Metabolic Syndrome with Coronary Plaque Morphology Detected by Coronary Multislice Computed Tomographic Angiography

Ischemic risk assessment in patients presenting with acute coronary syndrome without persistent ST-segment elevation
V. Istrati, N. Capros, S. Istrati, I. Popovici (Chisinau and Chisinau, MD)

Effectiveness of Cardiovascular Prevention Programs in Primary Care (PreCardio): a randomised clinical trial
N. Claes, N. Jacobs, E. Clays, W. Schrooten (Hasselt, Ghent and Genk, BE)

Mortality from ischemic heart disease in Kaunas (Lithuania) middle-aged population without previous myocardial infarction during 1998-2008 (Ischemic Heart Disease Register data)
R. Radisauskas, G. Bernotiene, M. Bacevičiene, D. Sidlauskienė, K. Bernotas (Kaunas, LT)

Has the out-of-hospital mortality from ischemic heart disease in Kaunas (Lithuania) 25-64 years population decreased in 2005-2009 according to the Ischemic Heart Disease Register?
G. Bernotiene, R. Radisauskas, D. Sidlauskienė, K. Bernotas (Kaunas, LT)

Medical training program in a rehabilitation centre for sedentary overweight individuals in primary prevention: result at 12 month.
S. Corone, S. Hardy, F. Bellemain, A. Lordon, C. Burgot, M. Valls, D. Leborgne, J.R. Israel [Briis sous forges, FR]

Typical portrait of a patient visiting physicians in urban out-patient departments and admitted to a hospital in Russian Federation [according to EURIKA study]
S. Boitsov (Moscow, RU)

Cardiovascular risk factors control change in CAD patient from 1996 to 2007. Results of the Cracovian Program for Secondary Prevention of CAD and Polish parts of the EUROASPIRE II and III surveys.
P. Jankowski, A. Pajak, A. Skrzek, S. Surowiec, M. Loster, K. Kawecka-Jaszcz [Cracow, PL]

Influence of a cardiovascular secondary prevention and rehabilitation program on carotid atherosclerosis changes in acute coronary syndromes
L. Bjorck, M. Schaufelberger, G. Lappas, A. Rosengren [Gothenburg, SE]

Age-related alteration of risk profile, inflammatory response, and angiographic findings in patients with acute coronary syndrome.
H. Badran, M. F. Elnoamany, T. Khalil, M. Ezz Eldin (Shebeen El-Koom, EG)

Factors associated with multivessel coronary artery disease CAD in young patients with acute myocardial infarction.
C. Efthychiou, L. Antoniades, E. Nicolaides, L. Makri, L. Koumas, P. Kosteas, E. Kyrakiou, D. Papadogiannis (Nicosia, CY; Athens, GR)

Subclinical atherosclerosis in young adults and estimated risk for cardiovascular disease
E. E. Babes, M.I. Popescu, V.V. Babes, A.I. Ardelean, C.M. Bustea (Oradea, RO)

Gender differences in patients of siberia with st-elevated acute coronary syndrome
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