



CARDS

Cardiology Audit and Registration Data Standards

Cork, Ireland
9th, 10th and 11th May, 2004



DEPARTMENT OF HEALTH AND CHILDREN
AN ROINN SLÁINTE AGUS LEANAÍ



Éire 2004 Uachtaránacht an Aontais Eorpaigh
Ireland 2004 Presidency of the European Union

www.eu2004.ie

Contents



Ministerial Welcome	3
Conference Programme	5
Media Information	6
Speaker Biographies	12
Acknowledgements	15
Practical Information	17
Conference location	17
Accommodation information	17
Conference facilities	17
Useful / local information	18
Cultural Tour	22

Ministerial Welcome





It is with great pleasure that I welcome all delegates and visitors to Cork for the second of two landmark conferences, during Ireland's Presidency of the European Union, focusing on cardiovascular health.

The European Union provides an ideal forum for Member States to discuss and agree areas of common concern. In health, a key area of commonality is cardiovascular disease - Europe's most prolific killer. In this context, the European Union is facing a huge forthcoming burden, due to a range of factors and influences across the different Member States. It is against this background that, under Ireland's Presidency of the European Union, the Irish Government has prioritised this important health issue.

The CARDS conference aims to agree EU data standards for priority modules of cardiovascular health information systems. To achieve this, we are working in partnership with the European Commission, the European Society of Cardiology, European Union Member States and the Irish Cardiac Society.

Three Expert Committees, over the course of nine months of dedicated and tireless work, have selected approximately 100 variables per module. The data standards developed by the CARDS project will improve the quality of patient care and facilitate the evaluation of clinical guidelines and risk management protocols, as well as promoting quality assurance in high technology cardiology services.

We hope that all Member States will be enriched with shared knowledge and experiences, which can ultimately help to improve heart health across Europe.

The Irish Presidency takes place at an historic time in the development of the European Union, with the accession of ten new Member States on 1st May, 2004. I look forward to the invaluable contribution all of our EU partners will make in reaching agreement on these data standards, and also look forward to welcoming our guests to Ireland.

Micheál Martin

Micheál Martin T.D.
Minister for Health and Children

Conference Programme





**De Vere Hall, University College Cork,
May 9th, 10th and 11th, 2004**

Cardiology Audit and Registration Data Standards (CARDS)

The Minister for Health and Children aims to agree EU data standards for priority modules of cardiovascular health information systems as a major initiative under Ireland's Presidency of the European Union. To achieve this, the Presidency is working in partnership with the European Commission, the European Society of Cardiology, European Union Member States and the Irish Cardiac Society.

Data related to patient care are collected in many European institutions. Such databases may serve purposes within the institution to track the types of patients and number of procedures. Furthermore, data may be provided to national registries and national health authorities, as well as to international registries and survey programmes, such as Euro Heart Surveys.

Existing cardiology databases share similar aims but, there is no agreement on which variables to collect in specific service locations and no agreed definitions for most of the data fields. As a consequence, the important benefits of collation and comparison of data from different sources are lost.

Objectives of the CARDS Project

The aim of the Cardiology Audit and Registration Data Standards (CARDS) project is to achieve consensus on data standards for use in Europe for three modules of a cardiovascular health information system – acute coronary syndromes, percutaneous coronary interventions and electrophysiology (pacing, implantable cardioverter defibrillators and ablation).

Three expert committees have been established, one for each of the priority topics. The Expert Committees include cardiologists with an interest in these types of databases and registries, as well as other health professionals from a number of EU countries. The committees have met to discuss the issues and have also communicated by e-mail. For each of the three topics, existing databases and registries have been reviewed and collated into a matrix. From these inclusive data matrices, the Expert Committees have selected approximately 100 variables per module which may be used for one or more of the following purposes: clinical audit, service planning and epidemiology.

Work has been carried out to achieve the following objectives in advance of the CARDS Conference:

- To develop and agree data standards (variables, definitions and coding) for each module and to review and adapt them following consultation with other national and international expert groups.
- To ensure consistency of definitions and coding for variables which are common to the three modules.
- To review the adequacy of the proposed data standards for clinical audit, health service planning and epidemiological surveillance.

Conference Programme



The objectives of the CARDS Conference are:

- To provide information about and reach agreement on the draft European data standards to representatives of Health Ministers of the Member States, including health service planners and professionals, and
- To discuss the dissemination and implementation of the data standards and to report to EU Health Ministers on their use to support cardiology practice in Europe.

Programme summary

Sunday, 9th May

- | | |
|-------|---|
| 14.15 | Cultural Visit (optional)
Delegates will be collected from their hotel |
| 19.30 | Welcome Reception, Hayfield Manor Hotel |

Monday, 10th May

- | | |
|-------|---|
| 11.15 | Brunch – Hayfield Manor Hotel (optional) |
| 13.00 | Conference Commences, University College Cork |
| 17.00 | First day conclusion |
| 19.30 | Conference Gala Dinner, University College Cork |

Tuesday, 11th May

- | | |
|-------|--|
| 09.30 | Conference Commences |
| 12.00 | Conference Concludes |
| 12.30 | Lunch available to delegates at University
College Cork |

Registration badges will be available from your hotel (on Sunday, 9th) or from the Conference Centre (on Monday, 10th).

Accreditation - Media

Members of the press are invited to collect their badges from 10th May at De Vere Hall, UCC on presentation of their passport, National Identity Card or letter from their editor.

Working Area - Media

A media working area will be located in De Vere Hall, UCC. Full facilities, including web and e-mail access will be available to the media.



Venue: De Vere Hall, University College Cork, Ireland
Dates: May 9th, 10th and 11th 2004

Sunday, May 9th

14.15 Cultural Visit (optional)

19.30 Welcome reception in Hayfield Manor Hotel, Cork

Monday, May 10th

11.15 Brunch – Hayfield Manor Hotel (optional)

11.00 - 12.45 Registration available at University College Cork
(for delegates not already registered)

13.00 Session One

Welcome and Introduction to CARDS

Chair Mr. Michael Kelly, Secretary General, Department of Health and Children, Ireland

- **Welcome address**
Mr. Micheál Martin T.D., Minister for Health and Children, Ireland
- **Introductory Remarks**
Mr. John F. Ryan, Head of Unit, Health Information, Directorate General for Health and Consumer Protection, European Commission

14:00 Session Two

The CARDS Project and Implementation of Data Standards

Chair Dr. Jim Kiely, Chief Medical Officer, Department of Health and Children, Ireland



(15 minutes)

- **Introduction to the CARDS project**
Prof. Maarten L. Simoons, Erasmus Medical Center – Thoraxcenter, Rotterdam, Netherlands

(10 minutes per speaker)

- **Methods employed to develop Cardiology Audit and Registration Data Standards**
Ms. Rachel Flynn, Royal College of Surgeons in Ireland

Proposed CARDS data standards for:

- **Acute Coronary Syndromes**
Prof. Lars Wallentin, Uppsala Clinical Research Centre, Uppsala, Sweden
- **Percutaneous Coronary Intervention**
Dr. Anselm Gitt, Herzzentrum Ludwigshafen, MI Research Institute, Ludwigshafen, Germany
- **Clinical Electrophysiology**
Dr. Francisco Cosío, Hospital Universitario de Getafe, Madrid, Spain

14.55 Break

15.25 Session Three

The Purposes and Benefits of Cardiology Audit and Registration Data Standards

Chair Dr. Peter Kearney, Consultant Cardiologist, University College Hospital, Cork

Discussion Leaders (10 minutes per speaker)

- **The use of registers to improve quality in health care: the Swedish experience**
Prof. Mans Rosén, Deputy Director General, National Board of Health and Welfare, Stockholm, Sweden
- **Using data standards for quality assurance in cardiology**
Prof. Lars Wallentin, Uppsala Clinical Research Centre, Uppsala, Sweden
- **Using cardiology data standards for epidemiological research**
Dr. Simona Giampaoli, Istituto Superiore di Sanità, Centro Nazionale di Epidemiologia, Rome, Italy



- **Using cardiology data standards for health service planning**
Dr. Roger Boyle, National Director for Heart Disease, Department of Health, United Kingdom
- **Using data standards for quality assurance in cardiac rehabilitation**
Prof. Hannah McGee, Department of Psychology, Royal College of Surgeons in Ireland
- **Using data standards for quality assurance in general practice**
Dr. Sean McGuire, National Director, HEARTWATCH, Irish College of General Practitioners, Ireland

16.25 Open Discussion

17.00 Close of Session

19.30 Conference Dinner – Aula Maxima, University College Cork

Tuesday, May 11th

9.30 Session Four

Implementation and Dissemination of Data Standards

Chair: Prof. Michal Tendera, incoming President, European Society of Cardiology, Poland

(15 minutes)

- **Presentation of the feedback from consultation questionnaires**
Dr. Emer Shelley, National Heart Health Advisor, Ireland

9.45 Discussion on implementation and dissemination

Discussion leaders (5 minutes per speaker)

- **Euro Heart Surveys**
Dr. Keith McGregor, Scientific Director, European Society of Cardiology
- **Cardiovascular Nurses**
Dr. Wilma Scholte op Reimer, Department of Cardiology – Unit Clinical Epidemiology, Erasmus Medical Centre - Thoraxcenter, Rotterdam, Netherlands



- **Cardiologists**
Prof. Jean Marco, Unité de Cardiologie Inventionnelle, Clinique Pasteur, Toulouse, France
- **Industry - Software and Medical Devices**
Dr. Stefan Scholl, European Health Telematics Association (EHTEL), Germany

10.10 Open Discussion

11.00 Break

11.30 Session Five

Meeting conclusion

Chair: Mr. Chris Fitzgerald, Principal Officer, Health Promotion Unit, Department of Health and Children, Ireland

Closing Remarks (10 minutes per speaker)

- Dr. Joseph Galvin, Consultant Cardiologist, Secretary, Irish Cardiac Society
- Prof. Michal Tendera, incoming President, European Society of Cardiology, Poland

11.50 Close of Conference

12.30 Lunch (optional) University College Cork

Invited Representatives

The Irish Presidency will provide reimbursement for two representatives from each Member State, to include a senior official working at health service planning level supported by a health professional in the cardiology sphere.

Participants will be accommodated at Hayfield Manor Hotel or the Kingsley Hotel, Cork.

Language Arrangements

Translation will be provided in three languages; English, French and German. Working documents will be provided in English.

Speaker Biographies



Speaker Biographies



Minister Micheál Martin T.D.

Minister Martin, who is a native of Cork, has been Minister for Health and Children since January 2000. His Department has responsibility for public health policy in Ireland as well as the civil registration system, the regulation of adoptions and a number of statutory and quasi-statutory agencies. Minister Martin is overseeing the implementation of Ireland's Cardiovascular Health Strategy, Building Healthier Hearts and recently announced the introduction of landmark legislation providing for smoke-free environments in enclosed workplaces.



Mr. John F. Ryan, European Commission

Mr. Ryan is Head of Unit responsible for health information within the European Commission department for Public Health and Consumer Protection. This includes responsibility for issues such as health monitoring, health indicators, the European Health Portal and e-Health. He is also responsible for mental health rare diseases and health impact assessment. He also had the charge of dealing with tobacco control issues including product regulation directives, tobacco advertising, and the WHO international treaty negotiations for a tobacco convention. He is currently dealing with the implementation of a new 6-year Community Public Health Programme, which came into force in January 2003. He has particular responsibility for the first part of that programme intended to establish a Community wide information and knowledge system on public health for the use of citizens and professionals.



Mr. Michael Kelly, Department of Health and Children

Mr. Kelly is Secretary General of the Department of Health and Children. His period in this post has seen the development of the new health strategy, Quality and Fairness, and more recently, agreement by Government of the Health Reform Programme, involving major organisational change. Mr. Kelly is a member of the National Task Force for the Cardiovascular Health Strategy.



Dr. Roger Boyle

Dr. Boyle qualified from the London Hospital Medical College in 1972 and trained in cardiology in London, Manchester and Leeds. He was appointed in 1983 as consultant cardiologist in York where he had long experience as a Clinical Director for General Medicine and also as a General Manager. Dr. Boyle has been a member of the Council of the British Cardiac Society since 1991 and was formerly Chairman of the Specialty Advisory Committee for Cardiology at the Royal College of Physicians. He is a Fellow of the Royal College of Physicians and of the European Society of Cardiology. He was appointed as National Director for Heart Disease ('Heart Tsar') in March 2000.



Dr. Francisco G. Cosío

Dr. Cosío is Chief of Cardiology Service at the Hospital Universitario de Getafe in Madrid, Spain. He is a fellow of the American College of Cardiology and the European Society of Cardiology. Dr. Cosío is on the Editorial Board of the European Heart Journal and has been published widely. In addition, he is Chairman of several Expert Consensus Working Groups.



Mr. Chris Fitzgerald

Mr. Fitzgerald is Principal Officer at the Health Promotion Unit of the Department of Health and Children, with overall responsibility for the development of national health promotion policy. In addition, he has had responsibility for overseeing the implementation of the National Cardiovascular Health Strategy, Building Healthier Hearts, and is chairman of the National Smoking Cessation Action Group Committee.



Ms. Rachel Flynn

Ms. Flynn is a research officer in the Department of Epidemiology at the Royal College of Surgeons in Ireland. She works on behalf of the Department of Health and Children on the development of national cardiovascular health information systems in Ireland. She is also a research officer to the CARDS project. At present, Rachel is undertaking a Master of Science degree in Medical Informatics at Trinity College Dublin.



Dr. Joseph Galvin

Dr. Galvin qualified from The Royal College of Surgeons in Ireland and trained in cardiology in Dublin, New York, Vermont and Boston. He is Consultant Cardiologist in James Connolly Memorial and Mater Misericordiae Hospitals in Dublin. Dr. Galvin lectures in the Royal College of Surgeons in Ireland and University College Dublin and has had over 48 papers and abstracts published. He is a member of numerous societies, including the American Heart Association, the American Medical Association and the Irish Cardiac Society.



Dr. Simona Giampaoli

Dr. Giampaoli is Director of Epidemiology of cardiovascular diseases at the National Centre of Epidemiology, Surveillance and Health Promotion at the National Institute of Health in Rome, Italy. She is coordinator of the EUROCISSE Project (European Cardiovascular Indicators Surveillance Set), initiated in 2000 by a partnership of EU countries to develop indicators and recommendations for the monitoring of cardiovascular diseases; it is part of the Health Monitoring Programme financed by the European Commission. She has published widely on cardiovascular epidemiology, including surveillance of myocardial infarction, stroke, risk factors and evaluation of absolute global cardiovascular risk in the Italian population.



Dr. Anselm K Gitt

Dr. Anselm K Gitt is senior staff physician at the Herzeentrum Ludwigshafen and Head of the Working Group of Clinical Registries in Cardiology at the Myocardial Infarction Research Institute in Ludwigshafen. He is a member of the German Society of Cardiology and the European Society of Cardiology, in addition to the Expert Committee for the Development of Data Standards for Acute Coronary Syndromes. Dr. K Gitt has had over 40 articles published in peer-reviewed journals and has received three prestigious Awards.



Dr. Peter Kearney

Dr Peter Kearney is a Consultant Cardiologist at Cork University Hospital. He trained in Ireland, Germany, and Scotland. His special interests include Interventional Cardiology, Medical Informatics and Medical Education. He chairs the National Cardiac Information Systems committee which is devising a national system of registers for the principal cardiac interventions and disease processes in Ireland. He is a board member of the ESC, chairing two training and accreditation committees, the Subspecialty Accreditation Committee and the European Board for the Specialty of Cardiology.



Dr. Jim Kiely

Dr. Kiely has been Chief Medical Officer of the Department of Health and Children since 1997. As CMO, Dr. Kiely has been involved in a number of initiatives relating to various aspects of health policy and chaired the Reform Programme Action Project on the establishment of the Health Information and Quality Authority. As CMO, Dr. Kiely represents the Department on a number of WHO committees.



Prof. Jean Marco

Prof. Marco is a director and founder of the Interventional Cardiology Unit at the Clinique Pasteur in Toulouse, France. Prof. Marco was the founder of the Annual Complex Coronary Angioplasty Course from 1989 to 1997 and Course Supervisor of the Endovascular Therapy Course organised in Paris from 1997 to 1999. He is a Fellow of the European Society of Cardiology.



Prof. Hannah McGee

Prof. McGee is a health psychologist and founding Director of the Health Services Research Centre at the Royal College of Surgeons in Ireland. Professor McGee's research interests are in cardiovascular disease (in particular cardiac rehabilitation), quality of life assessment, factors influencing healthcare access and ageing. Her publications in the area of cardiac rehabilitation include work on guidelines, on selection of quality of life assessment tools and on gender and age influences on service uptake. Ongoing work includes coordinating the development of a minimum dataset for cardiac rehabilitation service evaluation in Ireland and an 11-language, 31-centre study to develop a cardiac-related quality of life instrument for Europe. She is a Steering Committee member of EuroAction (an ESC demonstration project across 8 European countries to improve management of patients with established heart disease) and is Scientific Programme Coordinator of the 8th World Congress on Cardiac Rehabilitation and Secondary Prevention to be held in Dublin, May 23-26th 2004.



Dr. Keith McGregor

Dr. McGregor is the Scientific Director of the European Society of Cardiology, based in Sophia Antipolis, France. He is responsible for managing the Society's Euro Heart Survey, Practice Guidelines and Educational programmes. The Euro Heart Survey programme comprises a series of surveys that aim to evaluate: to what extent clinical practice corresponds with existing guidelines; the applicability of evidence based medicine; and the outcome of different strategies for patient management. The information derived from the surveys is used to assist in the development of guidelines and focus the Society's guidelines related educational activities.



Dr. Sean McGuire

Dr. McGuire is a General Practitioner in an urban group practice in Carlow, Ireland. He has extensive experience in the implementation of new developments in general practice, particularly in the area of out of hours GP services. At present, he is working with the Irish College of General Practitioners in his role as Director of the Heartwatch Programme. This is a national programme for the secondary prevention of coronary heart disease in Ireland, based on implementing the recommendation of the report of the Cardiovascular Strategy Group, 'Building Healthier Hearts' that 'secondary prevention for most patients with cardiovascular disease should be provided in the general practice setting'.



Dr. Wilma Scholte op Reimer

Dr. Reimer has a bachelor's degree in nursing. From 1990 to 1992, she studied health sciences at the University of Maastricht while working as a community health nurse. Since qualifying, she has worked as a nurse on the medium care cardiology ward of the Thoraxcenter at Erasmus Medical Center Rotterdam, and as a researcher at the Department of Health Policy & Management at the Erasmus University of Rotterdam. She is currently a clinical researcher, with a special interest for the Euro Heart Survey, at the Clinical Epidemiology Unit of the Department of Cardiology (Thoraxcenter) at Erasmus Medical Center Rotterdam. She is also the vice-chair of the Working Group on Cardiovascular Nursing of the European Society of Cardiology.



Prof. Mans Rosén

Professor Rosén is the Head of the Centre for Epidemiology for the National Board of Health and Welfare in Stockholm. He is also a professor of epidemiology and public health. The Centre for Epidemiology is responsible for the national Public Health Reports, national terminology and disease/health care classification issues and national health data registers (cancer, medical birth and malformation, hospital discharge and cause of death registers). Prof. Rosén is also a member of the steering committee for the national quality registers in Sweden.



Dr. Stefan Scholl

Dr. Scholl has a Masters Degree in Natural Science from Universität des Saarlandes, Saarbrücken in Germany and a PhD in Biochemistry / Biomedical Engineering from the Institute for Biomedical Engineering, St. Ingbert. He is the Director Cardiology Solutions for Siemens in Germany since 1996. Dr. Scholl has previously held positions in Picker International, Cleveland Ohio and was an Application Specialist in W.L. Gore & Associates, Flagstaff Arizona, Marketing Vascular Grafts.



Dr. Emer Shelley

Dr. Emer Shelley is National Heart Health Advisor based at the Department of Health and Children in Dublin, Ireland. She worked with the Strategy Group in the preparation of the Cardiovascular Health Strategy and is currently supporting the implementation of this strategy. Dr. Shelley was Project Leader for the Kilkenny Health Project, a community demonstration project for cardiovascular disease prevention in the South East of Ireland. She also served as Medical Director of the Irish Heart Foundation.



Prof. Maarten Laurens Simoons

Prof. Simoons is Chief of Cardiology, Chairman Thoraxcenter and Chairman COEUR (cardiovascular research school Erasmus University Rotterdam). He has been Chairman or member of the Steering Committee of national and international clinical trials, particularly related to acute coronary syndromes for over 20 years. This includes being a mentor and supervisor of 25 young scientists completing their PhD-thesis. Prof. Simoons is the author and co-author of 512 publications in peer review journals as well as several book chapters up to January 1, 2003. He is past President of the European Society of Cardiology and is on the Board of the European Society of Cardiology.



Prof. Michal Tendera

Prof. Tendera, born 1948, graduated from the Silesian School of Medicine in Katowice, Poland in 1972. He did his fellowship in cardiology at Vanderbilt University, Nashville, USA. At present, he is Professor of Medicine and Head of the Department of Cardiology in Katowice. His major fields of scientific interest include heart failure, coronary heart disease and cardiomyopathies. Professor Tendera serves on the Editorial Board of the European Heart Journal, Polish Heart Journal, and American Journal of Cardiovascular Drug Therapy. He served as President of the Polish Society of Cardiology and currently is President-Elect of the European Society of Cardiology.



Prof. Lars Wallentin

Prof. Wallentin is president of the Swedish Heart Association representing the Swedish Societies of Cardiology, Clinical Physiology, Thoracic Surgery, Thoracic Radiology and Thoracic Anaesthesiology. He is also vice chairman of the European Society of Cardiology Working Group on Acute Coronary Syndrome. Prof. Wallentin received his medical degree from Uppsala University in Uppsala, Sweden, where he is currently a professor and head of Uppsala Clinical Research Centre (UCR). Prof. Wallentin currently serves as chairman of the Swedish Network on Research in Acute Coronary Syndromes (SNACS), co-ordinating the whole or parts of large-scale clinical trials.

Acknowledgements



Conference Steering Committee

- Mr. Chris Fitzgerald, (Chair) Principal Officer, Health Promotion Unit, Department of Health and Children, Ireland
- Ms. Christine Brennan, Higher Executive Officer, Health Promotion Unit, Department of Health and Children, Dublin, Ireland
- Mr. Brian Brogan, Assistant Principal, Health Promotion Unit, Department of Health and Children, Ireland
- Ms. Wendy Keena, Development Manager, Department of Strategy and Planning, Southern Health Board, Ireland
- Ms. Marie Kinsella, Executive Officer, Health Promotion Unit, Department of Health & Children, Ireland
- Ms Muriel Mioulet, Director, Communications, Public Policy and Prevention Programmes, European Society of Cardiology, Sophia Antipolis, France
- Ms. Rachel Sherry, Director, Grayling Gilmore, Ireland

Cardiology Audit and Registration Data Standards (CARDS) Co-ordination Committee

- Prof. Maarten L. Simoons, (Chair) Erasmus Medical Center – Thoraxcenter, Rotterdam, The Netherlands
- Prof. Francisco F. Avilés, Professor of Cardiology, Director Instituto de Ciencias del Corazón (ICICOR), University Hospital of Valladolid, Valladolid, Spain
- Dr. Eric Boersma, Erasmus MC Rotterdam, Klinische Epidemiologie, Rotterdam, The Netherlands
- Dr. Roger Boyle, National Director for Heart Disease, Department of Health, United Kingdom
- Ms. Christine Brennan, Higher Executive Officer, Health Promotion Unit, Department of Health and Children, Dublin, Ireland
- Dr. Francisco G. Cosio, Department of Cardiology, Hospital Universitario de Getafe, Madrid, Spain
- Ms. Rachel Flynn, Research Officer (Information Systems), Royal College of Surgeons in Ireland, Dublin, Ireland
- Prof. Kim Fox, Department of Cardiology, Royal Brompton Hospital, London, United Kingdom
- Dr. Anselm K. Gitt, Department of Cardiology, Oberarzt der Med. Klinik B, Ludwigshafen, Germany
- Dr. José María Hernández, Department of Cardiology, University Hospital Virgen de la Victoria, Malaga, Spain
- Dr. Peter Kearney, Consultant Cardiologist, University College Hospital, Cork, Ireland
- Dr. Aldo Maggioni, Director, ANMCO Research Center, Italian Association of Hospital Cardiologists, Florence, Italy
- Dr. Emer Shelley, National Heart Health Advisor, Department of Health and Children, Dublin, Ireland
- Prof. Lars Wallentin, Department of Cardiology, Uppsala Clinical Research Centre, Uppsala, Sweden

Acute Coronary Syndromes Expert Committee

- Prof. Lars Wallentin, (Chair) Department of Cardiology, Uppsala Clinical Research Centre, Uppsala, Sweden
- Dr. John Birkhead, Consultant Cardiologist, Northampton General Hospital, United Kingdom
- Dr. Eric Boersma, Erasmus MC Rotterdam, Klinische Epidemiologie, Rotterdam, The Netherlands
- Dr. Roger Boyle, National Director for Heart Disease, Department of Health, United Kingdom
- Ms. Christine Brennan, Higher Executive Officer, Health Promotion Unit, Department of Health and Children, Dublin, Ireland
- Dr. Héctor Bueno, Consultant Cardiologist, Hospital Gregorio Marañón, Madrid, Spain
- Prof. Filippo Crea, Instituto de Cardiologia, Università Cattolica del Sacro Cuore, Rome, Italy
- Ms. Rachel Flynn, Research Officer (Information Systems), Royal College of Surgeons in Ireland, Dublin, Ireland
- Dr. Anselm K. Gitt, Department of Cardiology, Oberarzt der Med. Klinik B, Ludwigshafen, Germany
- Prof. Lino Goncalves, Hospitais da Universidade de Coimbra, Coimbra, Portugal
- Dr. Peter Kearney, Consultant Cardiologist, University College Hospital, Cork, Ireland
- Dr. Moira Loneragan, Medical Epidemiologist – Cardiovascular Health Information Systems, Irish Cardiac Surgery Register, Dublin, Ireland
- Dr. Emer Shelley, National Heart Health Advisor, Department of Health and Children, Dublin, Ireland
- Prof. Gabriel Steg, Cardiologie A, Groupe Hospitalier Bichat, Paris, France

Percutaneous Coronary Intervention Expert Committee

- Dr. Anselm K. Gitt, (Chair) Department of Cardiology, Oberarzt der Med. Klinik B, Ludwigshafen, Germany
- Ms. Christine Brennan, Higher Executive Officer, Health Promotion Unit, Department of Health and Children, Dublin, Ireland
- Dr. Roger Boyle, National Director for Heart Disease, Department of Health, United Kingdom
- Ms. Rachel Flynn, Research Officer (Information Systems), Royal College of Surgeons in Ireland, Dublin, Ireland
- Prof. Ricardo Seabra-Gomes, Hospital Santa Cruz, Instituto do Coracao, Carnaxide, Portugal
- Dr. José María Hernández, Department of Cardiology, University Hospital Virgen de la Victoria, Malaga, Spain
- Dr. Ciro Indolfi, Department of Cardiology, Università degli Studi di Napoli, Napoli, Italy
- Dr. Peter Ludman, Consultant Cardiologist, Queen Elizabeth Hospital, Birmingham, United Kingdom
- Prof. Jean Marco, Unité de Cardiologie Interventionnelle, Clinique Pasteur, Toulouse Cedex 3, France
- Dr. Tage Nilsson, Department of Cardiology, Sahlgrenska University Hospital, Gothenburg, Sweden
- Dr. Emer Shelley, National Heart Health Advisor, Department of Health and Children, Dublin, Ireland
- Dr. Declan Sugrue, Cardiology Department, Mater Private Hospital, Dublin, Ireland
- Prof. Jan G.P. Tijssen, Dept. of Cardiology, Academic Medical Center, University of Amsterdam, Amsterdam, The Netherlands
- Prof. Eric Van Belle, Service de Cardiologie B et Hémodynamique, Hôpital Cardiologique, Lille Cedex, France

Clinical Electrophysiology Expert Committee

- Dr. Francisco G. Cosio, (Chair) Department of Cardiology, Hospital Universitario de Getafe, Madrid, Spain
- Dr. Conor Barrett, Cardiology Specialist Registrar, Cork University / Mid Western Regional Hospitals, Ireland
- Prof. Gunther Breithardt, Direktor der Medizinischen Klinik und Kardiologie (Kardiologie/Angiologie), Universitätsklinikum Munster, Germany
- Ms. Christine Brennan, Higher Executive Officer, Health Promotion Unit, Department of Health and Children, Dublin, Ireland
- Prof. John Camm, Department of Cardiological Sciences, St George's Medical School, London, United Kingdom
- Ms. Rachel Flynn, Research Officer (Information Systems), Royal College of Surgeons in Ireland, Dublin, Ireland
- Dr. Joseph Galvin, Cardiology Department, Mater Private Hospital, Dublin, Ireland
- Prof. Luc Jordaens, Thoraxcenter Bd 400, Rotterdam, The Netherlands
- Dr. Cecilia Linde, Department of Cardiology, Karolinska Hospital, Stockholm, Sweden
- Prof. Philippe Mabo, Department of Cardiology, CHRU / Centre Cardio-Pneumologique, Rennes, France
- Dr. Rafael Peinado, Unidad de Arritmias, University Hospital La Paz, Madrid, Spain
- Dr. Antonio Raviele, Division of Cardiology, Hospital Umberto I, Venice, Italy
- Dr. Emer Shelley, National Heart Health Advisor, Department of Health and Children, Dublin, Ireland
- Prof. Panos E. Vardas, Department of Cardiology, Heraklion University Hospital, Heraklion, Greece

Practical Information



Conference Location



University College Cork

College Road
Cork
Telephone: 00353 21 4903000
Fax Number: 00353 21 4274483
Email: asa@ucc.ie
Website: www.universitycollegecork.ie
Conference Facility: De Vere Centre

Hayfield Manor Hotel

Perrott Avenue
College Road
Cork
Ireland
Telephone: 00353 21 4845900
Fax Number: 00353 21 4316839
Email: enquiries@hayfieldmanor.ie
Website: www.hayfieldmanor.ie
Office Facilities: Laptop points: All bedrooms at Hayfield Manor Hotel have laptop connections through the phone line.
Leisure Centre: The Hayfield Manor Hotel has a leisure centre, which comprises a full gymnasium, heated pool, sauna, steam room & jacuzzi.

Kingsley Hotel

Victoria Cross
Cork
Ireland
Telephone: 00353 21 4800500
Fax Number: 00353 21 4800527
Email: info@kingsleyhotel.com
Website: www.kingsleyhotel.com
Office Facilities: Laptop points: All bedrooms at the Kingsley Hotel have laptop connections through the phone line.
Leisure Centre: Kingsley Hotel has an award winning leisure centre which includes a 20-metre swimming pool, sauna, steam room and computerized gymnasium. Facilities include Reflexology, Chiropody and Beauty Treatments.

Transfers to and from the airport and the hotels will be arranged by the organising Secretariat. Each hotel has bedroom laptop facilities, a leisure centre and swimming pool. The hotels are situated approximately 15 minutes from Cork Airport.

Cork Airport

Kinsale Road
Cork
Ireland
Telephone: 00353 21 4313131
Fax Number: 00353 21 4329772
Web Address: www.corkairport.ie

Car Hire Cork Airport

Avis	00353 21 4281111
Argus	00353 21 4904444
Budget	00353 21 4314000
Europcar (Murrays)	00353 21 4917300
Hertz	00353 21 4965849
National	00353 21 4432755

Useful Information



Conference Secretariat

Health Promotion Unit
Department of Health and Children
Hawkins House
Hawkins Street
Dublin 2
Tel: +353 1 635 4000
Fax: +353 1 635 4372
Email: brian_brogan@health.irlgov.ie
Email: Christine_Brennan@health.irlgov.ie

Iarnrod Eireann – Irish Rail

Web Address www.irishrail.ie
Dublin to Cork train times 01-8054200

Dublin to Cork - Timetable

Depart Dublin	Arrive Cork
07.10am	09.51am
08.30am	11.34am (change at Mallow)
10.55am	13.36pm
13.20pm	16.13pm
15.20pm	16.13pm
15.20pm	18.01pm
17.00pm	19.36pm
18.35pm	21.30pm (change at Mallow)
19.15pm	22.18pm
21.00pm	00.23am

Cork to Dublin - Timetable

Depart Dublin	Arrive Cork
05.15am	08.40am
07.10am	09.43am
08.00am	10.52am (change at Mallow)
09.05am	12.15pm
10.55am	13.55pm
14.25pm	17.16pm
17.30pm	20.07pm
19.15pm	22.05pm

Welcome desk

In case of queries, a Welcome Desk will be located in the lobby of the each hotel and UCC. The desks will be staffed on the 9th, 10th and 11th May. Please contact a member of secretariat staff if you need any information on the conference, facilities or the local area. We aim to make your visit as enjoyable and as comfortable as possible.

Registration - Delegates

Registration and delegate badges will be available from your hotel or at the conference centre from the afternoon of the 9th of May.

Working Area - Delegates

A delegate working area will be located in UCC. Full facilities, including web and e-mail access will be available to delegates.

Delegate Document Requirements

1. Delegates are asked to present an original copy of their flight tickets, with flight costs, at the hotel or conference centre Welcome Desk. Delegates are also requested to bring bank account details for the purpose of reimbursement. Please try and have flight tickets photocopied and expenses forms completed on arrival.
2. The hotel will take a copy of your credit card for security on any additional personal items purchased at the hotel.

Useful Information



Currency	EURO Exchange Rate	
Electricity	220V AC Plugs 3 Pin square pins 50Hz	
Main City:	Cork City	
Police:	Gardai pronounced Gar-Dee	
Weather:	Ireland's climate is influenced by the relatively warm waters of the Gulf Stream and by the prevailing southwestern winds from the Atlantic. This combination results in an equable climate with temperatures fairly uniform across the whole country.	
Coldest & sunniest months:	January and February with average mean daily air temperatures of 4 to 7 degrees Celsius. May and June are the sunniest months, averaging 5 to 7 hours of sunshine per day	
Clothes:	Ireland in May should be quite mild, however, we do recommend some warm clothing, a rain jacket and umbrella.	
Website Details	www.eu2004.ie www.corkkerry.ie www.ireland.travel.ie www.aerlingus.ie www.corkairport.ie www.sky.com/skynews www.rte.ie/news www.eupresidencyhearthealth.ie	Irish Presidency Cork Tourist Board Ireland Tourist Board Aer Lingus – national airline Cork Airport Sky – International News RTE – National News Department of Health and Children, Heart Health EU Presidency

Useful Telephone Numbers

International Dialing Code (Ireland) 00353

Operators

Eircom	Directory Enquiries Ireland	11811
	International Directory Enquires	11818
Vodafone	Directory Enquiries Ireland	11844
	International Directory Enquires	11866
Conduit Europe	Directory Enquiries Ireland	11850
	International Directory Enquires	11860
Operator Assistance	Ireland, Northern Ireland and Great Britain	10
Operator Assistance	International	114
Emergency Services	Telephone 999, or 112 (from a mobile)	

Other details on local services will be available from the hotel welcome booklet in your hotel bedroom.



Dialing Codes from Ireland to:

COUNTRY	TIME DIFFERENCE	ACCESS CODE
AUSTRIA	+1	00 43
DENMARK	+1	00 45
FINLAND	+2	00 358
FRANCE	+1	00 33
GERMANY	+1	00 49
GREECE	+2	00 30
ITALY	+1	00 39
LUXEMBOURG	+1	00 352
NETHERLANDS	+1	00 31
PORTUGAL	GMT	00 351
SPAIN	+1	00 34
SWEDEN	+1	00 46
UNITED KINGDOM	GMT	00 44
BULGARIA	+2	00 359
CYPRUS	+2	00 357
CZECH REPUBLIC	+1	00 420
ESTONIA	+2	00 372
HUNGARY	+1	00 36
LATVIA	+2	00 371
LITHUANIA	+2	00 370
MALTA	+1	00 356
POLAND	+1	00 48
SLOVAK REPUBLIC	+1	00 421
SLOVENIA	+1	00 386
ROMANIA	+2	00 40
TURKEY	+2	00 90

Consulates and Diplomatic Missions in the Cork Area

BELGIUM	00353 21 4277399
DENMARK	00353 21 4276841
FINLAND	00353 21 4275235
FRANCE	00353 21 4311800
GERMANY	00353 21 4509367
ITALY	00353 21 4871163
NETHERLANDS	00353 21 4327900
NORWAY	00353 21 4811549
SPAIN	00353 21 4317900

Recommended Activities in the Area

COBH	Fota Wildlife Park, Arboretum & Gardens	00353 21 4812678
	Cobh Heritage Centre – The Queenstown Story	00353 21 4813591
MIDDLETON	Old Middleton Distillery – Jameson Centre	00353 21 4613594
SHANAGARRY	Stephen Pearce Pottery	00353 21 4646807
CORK CITY	The City Gaol	00353 21 4305022
	Crawford Municipal Art Gallery	00353 21 4313080
	Cork Butter Museum at Shandon	00353 21 4300600
	Cork Vision Centre	00353 21 4279925
	Triskel Art Centre	00353 21 4272022
	Gun Powder Mills	00353 21 4874430
	Radio Museum	00353 21 4305022
BLARNEY	Blarney Castle & Woollen Mills	00353 21 4385280
KINSALE	Kinsale town is popular for shopping or simply wandering around.	
FOTA	Fota House and ground	

Sporting Activities



Sporting Activities

SAILING, WINDSURFING, CANOEING	Kinsale Outdoor Education Centre The Oysterhaven Activity Centre	00353 21 4772896 00353 21 4770738
HORSE RIDING	Follyfoot Riding Farm, Riverstick, Kinsale	00353 21 4771324
SHOOTING	Hop Island Equestrian Centre, Rochestown Clay Bird Shooting & Falconry, Nohoval, Kinsale Celt Shooting Grounds, Main Kinsale Road	00353 21 4361277 00353 21 4887149 00353 21 4885260
KARTING	Bridgefield Buggies, Castlemartyr	00353 21 4667533
HELICOPTER RIDES	Gaelic Helicopter Ltd., Dromahane, Outside Mallow	00353 22 22040
FISHING	Deep Sea Angling, Ballycotton – Contact Peter Manning	00353 21 4646773
BOWLING	Coliseum, Cork City	00353 21 4505155

Golf

OLD HEAD GOLF LINKS, KINSALE

00353 21 4778444

Rising hundred of feet above dramatic cliffs and surrounded by the ocean on all sides, The Old Head Golf Links is situated on an Atlantic promontory just minutes from the town of Kinsale. The course itself covers 7,100 yards with a par of 72, laid out as two returning loops of 9 holes each. 9 holes are played directly along the cliff tops, not for the faint hearted.

FOTA ISLAND GOLF COURSE

00353 21 4883710

This recently redesigned course is located in Cork Harbour. Fota Island boasts a challenging 72-par course surrounded by beautiful woodland and a 780 acre estate. An impressive driving range, practice putting & chipping greens are also available. Host of Murphys Irish Open 2001.

HARBOUR POINT GOLF CLUB

00353 21 4353094

The Harbour Point Golf Course is recognised by it's spectacularly tree-lined fairways, all of which are immaculately kept and sand-based. The course itself spans 6,063 meters with a par of 72.

BLARNEY GOLF COURSE

00353 21 4382455

Overlooking Blarney Castle, incorporating mature trees, foliage and several water features, the Blarney Golf Course is a pleasure to play. This 18-hole course is spread across 5,930 yards of parkland and has a par of 70.

CORK GOLF CLUB LINKS

00353 21 4353451

Set within an old disused limestone quarry and edged by the shoreline of Cork Harbour, the Cork Golf Club has played host to a number of amateur and professional championships including the Carroll's Irish Open and the Irish Close Championships. The Cork Golf Club is 6,115 metres (6,687 yards) in length and provides all golfers with challenge & variety.



Cultural Tour

Blarney Castle, Co. Cork Sunday 9th May 2004 EU Presidency Delegates



Blarney Castle
Blarney
Co. Cork
Ireland

Blarney Castle

Blarney Castle is one of Ireland's oldest and most historic castles. The castle is a world renowned tourist attraction that should not be missed by anyone visiting the South West of Ireland. The castle is also famous for its stone - The Stone of Eloquence - which is traditionally believed to have the power to bestow the gift of eloquence on all those who kiss it. The beautiful Blarney House and garden is another tourist attraction that should not be missed.

Blarney Castle Gardens

The beautifully maintained gardens, lawns, shrubs, flower beds and trees gently slope towards the lake, providing a perfect setting for this gracious castle.

Blarney House

Blarney House, situated just 200 yards south of the great castle itself, is Blarney's newest treasure. It is one of the most elegant and gracious of the Great Houses of Ireland. A family home now tastefully restored to its former glory. Built in 1874 it is beautifully situated overlooking Blarney Lake. It contains a fine collection of early furniture and family portraits. Only five minutes down the road from the castle is the beautiful little village of Blarney. Right in the centre of the town, just beside the town square, is Blarney Woollen Mills. Blarney Woollen Mills sells Irish gifts including Waterford Crystal, Belleek China, Lladro, Aran Sweaters, Irish Crystal, Irish Linen, Irish Jewellery and Celtic Gifts.

Details	Destinations	Time
Pick Up:	Hayfield Manor Hotel	2.00pm
Pick Up:	Kingsley Hotel	2.15pm
Depart:	Kingsley Hotel	2.25pm
Arrive:	Blarney Castle	3.00pm
Guided Tour:	Approximately 1 hour	3.10pm
Tour Ends:		4.10pm
Free Time:	Delegates free time to visit the village of Blarney / Blarney Woollen Mills	
Depart:	Blarney	5.10pm
Arrive:	Hayfield Manor Hotel	5.30pm
Depart:	Hayfield Manor Hotel	5.35pm
Arrive:	Kingsley Hotel	5.45pm

The Minister at the Department of Health and Children, Ireland, would like to pay tribute to the partners whose valuable contribution and efforts made this conference possible:

EU Commission

The European Society of Cardiology

EU Member States

The Irish Cardiac Society

www.eupresidencyhearthealth.ie

