

# **CURRICULUM VITAE**

**John Eric Deanfield**  
MB BChir (Cantab) FRCP

*January 2007*

Name: John Eric Deanfield  
Marital Status: Married, 2 children  
GMC No: 2239118

### **EDUCATION:**

1964- 1969 Westminster School  
1969- 1972 University of Cambridge (Churchill College)  
1972- 1975 Middlesex Hospital Medical School

### **QUALIFICATIONS:**

1971 Hons (Cantab) Class 2:1  
1974 BChir (Cantab)  
1975 MB (Cantab)  
1977 MRCP (UK)  
1993 FRCP (UK)

### **Prizes:**

1969 Churchill College Anatomy Award- 1970  
2000 Simon Dack Lecture. 49<sup>th</sup> Annual Scientific Session of the American College of Cardiology, 13<sup>th</sup> March, Anaheim, California  
2003 Outstanding Research Award in Pediatric Cardiology, AHA  
“Percutaneous Pulmonary Valve Implantation - Early and Medium Term Results”  
Khambadkone S., Boudjemline Y., Derrick G., Cullen S.,  
**Deanfield J**, Bonhoeffer P.

### **PRESENT APPOINTMENTS:**

#### **ACADEMIC**

2003 - British Heart Foundation (BHF) Vandervell Professor of Cardiology, Institute of Child Health, University of London, 30 Guildford Street, London, WC1N 1EH.  
2000 - Head of Cardiovascular Sciences, Institute of Child Health, London  
1988 - Head of Vascular Physiology Unit, Institute of Child Health, London

#### **HOSPITAL**

1984 - Consultant Cardiologist, Great Ormond Street Hospital for Children NHS Trust, London WC1N 3JH.  
1998 - Consultant Cardiologist, The Heart Hospital, London  
1998 - Director of GUCH Services, The Heart Hospital, London

2002 - 2005 Clinical Unit Lead, Great Ormond Street Hospital for Children NHS Trust, London WC1N 3JH.

#### **PREVIOUS APPOINTMENTS:**

1975 – 1976 House Physician, General Medicine and Cardiology, Middlesex Hospital  
1976 House Surgeon, General Surgery, Harefield Hospital  
1976 – 1977 Senior House Officer, General Medicine and Respiratory, Hammersmith Hospital  
1977 Senior House Officer, Neurology, Middlesex Hospital.  
1977 Research Fellow, Department of Neurology, Middlesex Hospital  
1978 – 1979 Registrar, Cardiology, Gastroenterology and Geriatrics, Central Middlesex Hospital  
1979 – 1980 Registrar, Paediatric Cardiology, Great Ormond Street Hospital  
1980 – 1981 Registrar, Hammersmith, General Medicine, Cardiology and Paediatric Cardiology  
1981 – 1983 Medical Research Council Training Fellow, R.P.M.S. Hammersmith  
1983 – 1984 Senior Registrar, Cardiothoracic Unit, Great Ormond Street Hospital  
1996 – Professor of Cardiology, Institute of Child Health

#### **INSTITUTE OF CHILD HEALTH COMMITTEES:**

1993 - Member of the Academic Board  
1996 – 2004 Joint Institute of Child Health/ Great Ormond Street Strategy Committee

#### **GREAT ORMOND STREET HOSPITAL COMMITTEES:**

1988 – 1990 Chairman, Medical Records Committee  
1987- 1989 Member Medical Advisory Committee

#### **NATIONAL/INTERNATIONAL COMMITTEES:**

2004 Member of the Department of Health Guidelines Committee for GUCH Services  
2003 BCS Finance Committee  
2002 BCS Grants/Fellowships Committees  
2001 World Congress of Paediatric Cardiology and Cardiac Surgery Steering Committee Member  
2001 Williams' Association of Great Britain - Cardiology Professional Advisor  
2001 Association of European Paediatric Cardiologists (AEPC) Representative for Adolescent/GUCH Cardiology  
2000 Chairman of the European Society of Cardiology (ESC) Task Force for GUCH  
1998 Chairman of the ESC GUCH Working Group  
1993 International Society for Adult Congenital Cardiac Disease (ISACCD) European Representative  
1993 Member of the British Cardiac Society (BCS) Task Force for GUCH  
1992 AEPC Working Group on Paediatric Cardiac Dysrhythmia Treasurer  
1991 Founder Council Member of British Paediatric Cardiac Association (BPCA)  
1990 Cardiomyopathy Association of Great British – Paediatric Professional Advisor  
1990 Nucleus Member of the ESC GUCH Working Group

## PROFESSIONAL SOCIETIES:

1977	Royal College of Physicians
1983	American Pediatric Electrophysical Group
1984	Medical Research Society
1985	Heart Muscle Research Group
1985	British Paediatric Association
1988	European Society of Cardiology Working Group on Arrhythmia's
1990	European Society of Cardiology Working Group on Grown-Up Congenital Heart Disease Nucleus Member
1991	British Paediatric Cardiology Association
1992	AEPC
1993	International Society for Adult Congenital Cardiac Disease. European Representative
1994	Association of Physicians
1994	Fellow: European Society of Cardiology
1995	European Society of Cardiology WG on Drug Therapy and Cardiovascular Pharmacology
1995	Fellow: Council on Circulation of American Heart Association
1997	Fellow: Royal College of Paediatrics & Child Health
1997	European Society of Cardiology Working Group on Coronary Circulation
1997	British Atherosclerosis Society
1998	European Society of Cardiology Working Group on Grown-Up Congenital Heart Disease Chairman
1999	Member of Working Group on Arrhythmias of the European Society of Cardiology
1999	Member: International Society for Holter & Noninvasive Electrocardiology
2000	Member of Association of Clinical Professors of Paediatrics
2000	Member: The British Society for Cardiovascular Research
2001	Fellow: The American College of Cardiology
2001	Fellow: Academy of Medical Sciences
2001	Member: European Atherosclerosis Society
2001	Member of the American Diabetes Association
2001	Fellow: American Heart Association

## GRANTS:

1981-1984	Medical Research Council Training Fellowship
1990	National Heart, Lung Blood Institute, Institutes of Health, U.S.A- Asymptomatic Cardiac Ischemia Pilot study \$339,000
1991	British Heart Foundation- In vivo assessment of pulmonary endothelial cell function in children as an early indicator of pulmonary vascular disease £100,000
1991	CORDA, The Heart Charity- Non-invasive evaluation of endothelial cell function as an early indicator of arterial disease £100,000
1992	Child Health Research Appeal Trust- Investigation of the effect of inhaled low dose nitric oxide in children with pulmonary hypertension £17,584
1992	British Heart Foundation- Nitric Oxide for pulmonary hypertension in

- children (with Dr O Miller)  
£90,000
- 1992 British Heart Foundation- The effects of L-arginine on arterial physiology in hypercholesterolaemic young adults  
£80,000
- 1994 Merck Sharp Dohme- Effect of cholesterol-lowering therapy using Simvastatin on endothelial function in young asymptomatic hypercholesterolaemic subjects  
\$150,000
- 1994 Merck Sharp Dohme- Effect of enalapril on endothelial function in systemic arteries of young subjects with risk factors for atherosclerosis \$150,000
- 1994 Pfizer- A randomised double blind parallel group study to investigate the effect of amlodipine on vascular reactivity in young people with a strong family history of premature vascular disease  
£150,000
- 1995 British Heart Foundation- The influence of intrauterine and childhood factors on flow mediated dilation in the brachial arteries of 9-11 year old children: a population based study  
£57,185
- 1995 British Heart Foundation- PG 95151- The effects of oral L-arginine and antioxidant vitamin supplementation on endothelial function in young adults with insulin dependent diabetes mellitus  
£78,737
- 1997-1999 British Heart Foundation- PG 97111- Computational fluid dynamics study of the systemic to pulmonary artery shunt in hypoplastic left heart syndromes and single ventricles  
£65,000
- 1997-1999 British Heart Foundation- PG97171- Does oral L-arginine improve endothelial dysfunction in children with chronic renal failure?  
£63,118
- 1999 Parke-Davis- A double blind, placebo controlled, single centre, 2 period crossover pilot study to evaluate the effects of avasimibe on endothelial function in patients with hypercholesterolaemia  
£99,447
- 1999 British Heart Foundation- PG 99088- Studying the emergence of cardiovascular risk: a longitudinal study of determinants of flow mediated dilatation  
£136,045
- 1999-2000 National Kidney Research Fund- The effect of oral L-arginine on endothelium dependent dilation in children with chronic renal failure £30,125
- 1999-2000 British Heart Foundation- Endothelial function in children with chronic renal failure: effect of haemodialysis and lowering of homocysteine by oral folic acid  
£39,618
- 1999-2000 British Heart Foundation- FS99070- Overseas Visiting Fellowship: Professor MF Vogel- Regional analysis of global ventricular dysfunction in adolescents and adults £69,571
- 1999-2000 British Heart Foundation- PG98176- Right (systemic) ventricular function late after atrial diversion operations; an assessment of the response to inotropic stimulation, exercise performance and angiotensin converting enzyme inhibition £107,621
- 1999-2002 CORDA , The Heart Charity- Non-invasive evaluation of endothelial cell function in systemic arteries £624, 734

2000-2002 British Heart Foundation- PG2000031- Haemodynamic predictors of poor functional outcome after Fontan-like procedures £181,550

2001-2002 European Society of Cardiology- Research Fellowship- Linda Pauliks. Incremental information of real-time 3D echocardiography over conventional echocardiography 80,000FF (£8,000)

2000-2003 British Heart Foundation- FS2001014- Computational fluid dynamics study of repaired coarctation of the aorta £68,418

2001-2006 British Heart Foundation- RG20011002- Programme Grant Genetic & Environmental influences on the Atherogenic Phenotype in the Young: A population based study £762,751

2003-2004 British Heart Foundation & National Heart & Lung Blood Institute – Psycho-social and biological factors in the occurrence of cardiovascular disease: The Whitehall study £56,051 & £44,334

2003-2005 British Heart Foundation – Characterisation of remote ischaemic preconditioning in humans £49,387

2003-2008 British Heart Foundation – Percutaneous replacement of cardiac valves. Co investigator with Prof Philipp Boehnhoeffler £888,125

2003-2005 British Heart Foundation – Project Grant (PG/03/138) A study to investigate the mechanisms of complex arrhythmias in congenital heart disease surgically repaired with the Fontan procedure Co investigator with Dr Richard Schilling £157,211

2003-2005 British Heart Foundation – Junior Research Fellowship FS/04/008 Assessment Of Percutaneous Pulmonary Valve Replacement With Tissue Doppler Imaging. BHF Junior Fellow: Dr Louise Coats supervisor £83,187

2004-2005 British Heart Foundation – Programme Grant The CHANGE Study (Congenital Hearts: A National Gene/Environmental Study) Co investigator to PI £871,747

2004-2005 British Heart Foundation & National Heart & Lung Blood Institute – Psycho-social and biological factors in the occurrence of cardiovascular disease: The Whitehall II study. £5,000

2004-2006 British Heart Foundation – Project Grant PG/04/081/17384 Endothelial Progenitor Cells And Endothelial Dysfunction In Early Life Co investigator with Dr Julian Halcox £173,330

2004-2007 Sankyo Pharma Inc A randomised, double blind, stratified, placebo-controlled parallel-group study of the efficacy and safety of the ACAT inhibitor CS-505 for reducing the progression and atherosclerosis in subjects with heterozygous hypercholesterolemia using GUS £45,278

2004- British Heart Foundation – Cardiovascular Initiative. Clinical Cardiovascular MR Research Centre£2.2 Million

2004- Oak Foundation Clinical Cardiovascular MR Research Centre £2.9 Million

2006-2007 MRC - Life course pathways to ageing: MRC National Survey of Health and Development feasibility study. £208,672

2007- British Heart Foundation – Genetic and environmental determinants of arterial function in childhood: insight into causal pathways from Avon Longitudinal Study of Parents and Children. £240,000

## PhD/MD Theses Supervised:

1990	Dr E Meijboom	MD	University of Rotterdam
1991	Dr A Hegarty	PhD	University of London
1992	Dr R Franklin	MD	University of London
1992	Dr M Gewillig	MD	University of Leiden
1993	Dr D Celermajer	PhD	University of London
1994	Dr Paul Leeson	PhD	University of London
1998	Dr K Bennett-Richards	MB	University of London
2000	Dr P Clarkson	MD	University of London
2001	Dr M Mullen	MD	University of London
2002	Ann Donald	PhD	University of London
2003	Stavros Loukagorgakis	PhD	University of London
2004	Dr M Charakida	Mphil	University of London
2004	Dr L Coates	MD	University of London

## EDITORIAL BOARDS

2000	International Journal of Cardiology
2001	Cardiology in the Young
2002	Circulation
2005-2007	JACC

## INVITED LECTURES & PRESENTATIONS:

1978	British Paediatric Cardiology Group, Newcastle “Sudden death after tetralogy of Fallot”
1979	British Cardiac Society, Southampton “Mechanism of sudden death in post-operative tetralogy of Fallot”
1980	British Paediatric Cardiology Group, Southampton “High kilovoltage filter beam radiography in children”
1980	British Cardiac Society, London “Filter films in infants with heart disease”
1980	Central Middlesex Hospital Postgraduate School, London “Prognostic factors in hypertrophic cardiomyopathy”
1980	British Cardiac Society, London “Coronary artery distribution in tricuspid atresia”
1981	European Society of Cardiology, Vienna “The prognostic value and effects of drug treatment on exercise testing” “The effect of smoking on anti-anginal therapy with Propranolol”

- 1981 12<sup>th</sup> Annual Course in Cardiac Surgery, London  
“Long term results after correction of tetralogy of Fallot”
- 1981 Junior Cardiac Club, Cologne  
“Use of calcium antagonists in the treatment of stable angina pectoris”
- 1981 Medical Research Society, Birmingham  
“Effects of increasing doses of Nifedipine in exertional angina”
- 1981 Central Middlesex Hospital Postgraduate School, London  
“The use of slow channel inhibitors in chronic stable angina”
- 1981 American Heart Association, Dallas  
“Factors affecting the use of R-wave amplitude in the diagnosis of coronary artery disease”  
“Factors affecting ventricular arrhythmia after correction of tetralogy of Fallot”
- 1982** British Cardiac Society, London  
“The use of R waves in the detection of myocardial ischaemia”
- 1982 13<sup>th</sup> Annual Postgraduate Course in Cardiac Surgery, London  
“Late arrhythmia in tetralogy of Fallot”  
“Assessment of right ventricular function using the ultra short-lived isotope krypton 81m”
- 1982 British Cardiac Society, Nottingham  
“Ventricular arrhythmia in tetralogy of Fallot: influence of age and ventricular function”
- 1982 American College of Cardiology, Atlanta  
“Late sudden death after correction of tetralogy of Fallot: a clinico-pathological study”
- 1982 Medical Research Society, Edinburgh  
“The instability of stable angina”
- 1982 Cardiac Surgical Research Club, Cambridge  
“Tetralogy of Fallot: arrhythmia and right ventricular function during long term follow-up”
- 1982 Association of European Paediatric Cardiologists, Amsterdam  
“Late sudden death after correction of tetralogy of Fallot: a clinico-pathological study”
- 1982 American Heart Association, Dallas  
“The instability of stable angina”  
“Regional right ventricular function in post-operative tetralogy of Fallot: assessment by endocardial mapping and phase imaging of krypton 81m radionuclide angiograms”



- 1983** 14<sup>th</sup> Annual Postgraduate Course in Cardiac Surgery, London  
“Long term follow-up of atrioventricular septal defects”
- 1983 Association of European Paediatric Cardiologists, Bordeaux  
“Arrhythmias after Mustard and Senning repair of transposition of the great arteries”
- 1983 European and American Cardiology Symposium, London  
“Assessment of myocardial ischaemia during normal daily life”
- 1983 Annual Course in Electrocardiography, London  
“Paediatric electrocardiography”
- 1983 British Cardiac Society, London  
“The validity of ST segment changes as a marker of ischaemia in stable angina”
- 1983 British Council Course, Cambridge  
“Angiocardiography of atrial sinus” “Radiography of atrial sinus”  
“Truncus arteriosus - haemodynamics and angiocardiography”  
“Total anomalous pulmonary venous drainage - haemodynamics and angiocardiography”
- 1983 British Cardiac Society, Bristol  
“Detection of transient myocardial ischaemia in stable angina by Holter monitoring: pathophysiological and clinical implications”
- 1983 European Society of Cardiology, Spa, Belgium  
“Symptomatic transient myocardial ischaemia in angina detected by Rubidium-82 and positron tomography”
- 1983 American Heart Association, Anaheim  
“Mental stress and ischaemia in patients with coronary disease”  
“Arrhythmia after intra-atrial repair of transposition: relation to sudden death”  
“The validity of ST segment changes as a marker of ischaemia in stable angina”
- 1984** Junior Cardiac Club, London  
“Arrhythmia and right ventricular function after repair of tetralogy of Fallot”
- 1984 British Cardiac Society, Leicester  
“Local abnormalities of right ventricular depolarisation after repair of tetralogy of Fallot: a basis of ventricular arrhythmia during daily life”
- 1984 15<sup>th</sup> Annual Course in Cardiac Surgery, London  
“Sudden death after repair of tetralogy of Fallot”
- 1984 Association of European Cardiologists, Vienna  
“Abnormalities of depolarisation and repolarisation after repair of the tetralogy of Fallot”
- 1984 3<sup>rd</sup> Symposium of Echocardiography, Newcastle

- “Cross sectional echocardiography and doppler in the assessment of pulmonary atresia with intact ventricular septum”
- 1984 9<sup>th</sup> Postgraduate Course in Paediatric Cardiac Surgery, Bergamo  
“Double inlet ventricle: natural history and presentation”
- 1984 American Heart Association, Miami  
“Endocardial mapping identifies the basis for ventricular arrhythmia after repair of tetralogy of Fallot.
- 1984 Postgraduate Course in Paediatric Cardiology, Kuwait  
“Various topics on diagnosis, management and follow-up congenital heart disease”
- 1985** Diploma Course in Paediatric Cardiology, London  
“Clinical features and natural history of univentricular atrioventricular connection”
- 1985 British Cardiac Society, Birmingham  
“Prognostic significance of ventricular arrhythmia after repair of tetralogy of Fallot: a prospective study”  
“Outcome of children with double inlet ventricle presenting in the first year of life”
- 1985 American College of Cardiology, Anaheim  
*Invited speaker-* Symposium on Silent Myocardial Ischemia:  
“Clinical evaluation of silent myocardial ischemia during daily life”  
*Invited speaker-* Symposium on the recognition and treatment of silent ischemia:  
“Patterns of silent ischemia in stable angina”  
“Direct effects of smoking cause silent ischemia in patients with angina pectoris”
- 1985 2<sup>nd</sup> World Congress of Paediatric Cardiology, New York  
“Prognostic significance of ventricular arrhythmia after repair of tetralogy of Fallot”
- 1985 XIIIth International Congress of Gerontology, New York  
“Silent myocardial ischemia during daily life”
- 1985 University of Lymburgh Maastricht, Holland  
“New aspects of transient myocardial ischaemia”
- 1985 American Heart Association, Washington  
*Chairman:* Paediatric Arrhythmia and Electrophysiology Session  
*Invited speaker:* Symposium on silent myocardial ischemia:  
“Character and triggers of transient myocardial ischemia”
- 1985 British Council Course, Cambridge  
“Angiocardiology of atrial sinus”  
“Radiology of atrial sinus”

- “Truncus arteriosus: haemodynamics and angiocardiology”  
 “Normal electrocardiographic rhythm in infants and children”  
 “Electrophysiological investigation of arrhythmia in children”  
 “Medical treatment of arrhythmia in children”  
 “Double inlet ventricle- clinical presentation and natural history”
- 1985 Workshop on Atrioventricular Septal Defect, London  
 “Natural history of AV septal defect”
- 1985 Diagnosis of Congenital Heart Disease in Infancy, Florence  
 Various topics on diagnosis and management of congenital heart disease
- 1986** Kantonspital, Basle, Switzerland  
 “New aspects of myocardial ischemia during daily life: therapeutic implications”
- 1986 Diploma course in Paediatric Cardiology, Cardiothoracic Institute, London  
 “Natural history and clinical presentation of atrioventricular septal defect”  
 “Natural history and presentation of double inlet ventricle”
- 1986 American College of Cardiology, Atlanta  
*Symposium*: “Recognition and treatment of silent ischemia”, Cornell University  
 “Silent myocardial ischemia during daily life”
- 1986 University of Maryland, Baltimore  
 “Late arrhythmia after surgery for congenital heart defects”
- 1986 University of Miami, Florida  
 “Late arrhythmia after repair of tetralogy of Fallot: a therapeutic dilemma”
- 1986 2<sup>nd</sup> International Symposium on Holter Monitoring, Jerusalem  
 “A new picture of transient myocardial ischemia during daily life: clinical implications for patients with angina and coronary disease”  
*Chairman*: “Evaluation of anti-arrhythmic drugs and hypertension”
- 1986 Council on Silent Myocardial Ischemia, New York  
 “Detection of silent myocardial ischemia out of hospital”
- 1986 Growing Points in Paediatrics, Cambridge  
 “Cardiac drugs in children”
- 1986 American Heart Association, Dallas  
 “Arrhythmia and late mortality after Mustard and Senning operations for transposition: a 7 year prospective study”  
 “Variability of stable angina revealed by ST holter monitoring: implications for clinical investigation”  
*Invited speaker*: Total Ischemic Burden: “Holter monitoring for the assessment of treatment in patients with angina and coronary disease”
- 1986 World Congress of Cardiology, Washington

- “Holter monitoring for the assessment of treatment in patients with angina and coronary disease”
- 1986 1<sup>st</sup> People’s Hospital, Shanghai  
“Character and causes of transient myocardial ischemia during daily life”
- 1986 4<sup>th</sup> Military Hospital, Xian  
“Holter monitoring for the assessment of patients with coronary disease”
- 1986 Postgraduate School of Medicine, Peking  
“Asymptomatic coronary disease”
- 1986 Albert Einstein College of Medicine, New York  
“A new picture of ischemic heart disease based on observations out of hospital”
- 1986 Conference on Silent Myocardial Ischemia and Infarction, Florida  
“Detection of transient myocardial ischemia in patients with angina”
- 1986 Silent Myocardial Ischemia Workshop, Innsbruck, Austria  
“Trigger mechanisms for silent ischemia”
- 1986 European Society of Cardiology, Working Group on Cardiac Rehabilitation, Munich  
*Chairman:* Session on silent ischemia and exercise  
*Invited speaker:* “Exercise induced and spontaneously occurring ischaemia”
- 1986 2<sup>nd</sup> Course in Congenital Heart Disease, Florence  
“Diagnosis and natural history of atrial isomersion”  
“Natural history and post-operative arrhythmias in tetralogy of Fallot”  
“Interventional cardiology”  
“Clinical features and natural history of transposition”
- 1986 XIV Course of Electrocardiography, Barcelona  
“Advances in the electrocardiography of coronary heart disease”  
“Silent ischemia and exercise”  
“Pathophysiology of ST segment changes in asymptomatic patients”
- 1986 40<sup>th</sup> Postgraduate Assembly in Anesthesiology, New York  
“Alterations in coronary vascular tone in the genesis of myocardial ischemia”
- 1986 Conference on Asymptomatic Ischemia, Copenhagen  
“Silent ischemia- clinical and prognostic significance”
- 1987** Austrian Society of Cardiology, Badgastein  
“Radio-isotopic correlates of ST segment changes in coronary artery disease”
- 1987 Perspectives in Paediatric Cardiology, Vienna  
“Natural history of tricuspid atesia”  
“Construction and management of a database”  
“Arrhythmia in tetralogy of Fallot”

- 1987 Silent Ischaemia. Current Concepts and Management, Rottach-Egern, W Germany  
“Day to day and week to week variability of silent ischemia on Holter monitoring”
- 1987 John Hopkins Hospital, Baltimore, USA  
“Instability of stable angina”
- 1988** 18<sup>th</sup> Annual Course in Cardiac Surgery, Cardiothoracic Institute, London  
“Aetiology of post-operative rhythm disturbance”
- 1988 American College of Cardiology: Course on Paediatric Electrocardiography, Electrophysiology and Pacing, Bethesda, USA.  
“Sinus node dysfunction in post-operative congenital heart disease”  
“Congenital AV block”  
“Acquired bundle branch block and AV block”  
“Ventricular arrhythmias in cardiomyopathy and unoperated congenital heart disease”  
“Ventricular arrhythmias after repair of congenital heart disease”  
*Chairman:* Supraventricular tachycardia
- 1988 First International Nisoldipine Symposium, Mainz, West Germany  
*Chairman:* Silent Ischemia  
*Invited speaker:* “Observations upon which the concept of silent ischemia is based”
- 1988 Silent Myocardial Ischemia, New York  
“Variability in holter monitoring”
- 1988 Cedars Sinai Medical Center, Los Angeles  
“New insights and mechanisms of transient myocardial ischemia”
- 1988 University of Pennsylvania, Philadelphia  
“Instability of stable angina”
- 1988 University of San Fransisco, Fresno  
“Variation in coronary vasomotor tone in the genesis of transient myocardial ischemia”
- 1988 British Council Course in Paediatric Cardiology  
“Clinical diagnosis and angiocardiology of atrial isomersion”  
“Angiocardiology and haemodynamics of truncus arteriosus”  
“Investigation of arrhythmia in childhood”  
“Natural history and arrhythmia in tetralogy of Fallot”
- 1988 Workshop on Ischaemic Heart Disease, Madrid  
“Silent myocardial ischaemia: who should be investigated and how?”
- 1988 State University of New York, Stony Brook

- “Instability of stable angina: implications for investigation and treatment of coronary artery disease”
- 1988 International Workshop on Silent Myocardial Ischemia, Goslar, West Germany  
*Chairman:* Sessions on monitoring of ischemia by holter and non-holter techniques in man.  
*Invited speaker:* “Real time ambulatory monitoring”  
 “Spontaneous variability of silent ischemia- statistical problems”  
 “Stable versus unstable angina”
- 1988 Ipswich Hospital  
 “Interventional catheterisation”
- 1988 Cyprus Cardiac Society 10<sup>th</sup> International Symposium  
*Chairman:* Recent diagnostic and therapeutic advances in paediatric cardiac catheterisation.  
*Invited speaker:* “Balloon valvuloplasty”
- 1988 International Symposium on Silent Myocardial Ischemia and Angina, UCLA, Los Angeles  
 “Characteristics of silent vs. symptomatic ischemia in chronic stable angina. Comparison with unstable and vasospastic angina.”
- 1988 Wycombe General Hospital  
 “How should we investigate silent myocardial ischaemia?”
- 1988 Newer Perspectives in Ischemic Heart Disease, University of Maryland, Baltimore  
 “Asymptomatic myocardial ischemia: current perspectives”
- 1988 Symposium: Calcium Antagonism and Beta Blockade in Practice: Monotherapy or Combination?, London  
 “Silent myocardial ischemia: treatment”
- 1988 International Symposium on Silent Ischemia, Garmisch-Partenkirchen, West Germany  
*Chairman and invited speaker:* “Characteristics and triggers of transient myocardial ischemia out of hospital”
- 1988 Symposium on Coronary Artery Disease, Royal College of Physicians, London  
 “Should we treat silent myocardial ischemia?”
- 1988 Cardiac Dysrhythmias in Infants and Children: Diagnosis and Treatment. International Symposium, Celle, West Germany  
 “Post-operative atrial dysrhythmias: incidence, diagnostic procedures and treatment”  
 “Post-operative ventricular tachycardia: incidence, diagnosis, treatment and outcome”

- 1988 Farnborough Hospital  
“Prevention of ischaemic heart disease”
- 1988 Royal College of Physicians and Surgeons of Glasgow Cardiovascular Symposium, Oman  
“Congenital heart disease today and tomorrow- an overview”  
“Medical management of congenital heart disease”
- 1988 University of Kentucky Medical Center, Lexington, Kentucky  
“Silent ischemia- an international approach”
- 1988 Symposium on ‘Calcium Antagonism and Beta Blockade in Practice’, London  
“Silent myocardial ischaemia- what is it?”
- 1988 University of Nijmegen, The Netherlands  
*Chairman and invited speaker:* “The concept of silent ischemia”  
“Total ischemic burden: implications of prognosis and therapy”
- 1988 Symposium on Silent Myocardial Ischaemia, Dallas, Texas  
“Silent ischaemia: an overview”
- 1988 Arrhythmia Update '88, St Bartholomew's Hospital, London  
“Arrhythmias in children”
- 1988 Symposium on the Fontan Procedure, Cardiothoracic Institute, London  
“Natural history of tricuspid atresia and double inlet ventricle”
- 1988 Finnish Cardiology Symposium, Cambridge  
“Silent ischemia”
- 1988 3<sup>rd</sup> International Symposium on Holter Monitoring, Vienna  
*Chairman:* Ischemia and Long Term ECG  
*Invited speaker:* “How to evaluate ST segment in holter monitoring”
- 1988 American College of Cardiology Meeting, Atlanta, Georgia  
*Invited speaker* (lunch panel on Silent Myocardial Ischemia: detection, evaluation and management): “Ambulatory ECG monitoring and radionuclide scanning”  
*Poster:* “Myocardial fibrosis in tetralogy of Fallot: Effect of repair or part of natural history?”
- 1988 19<sup>th</sup> Annual Course in Cardiac Surgery, Cardiothoracic Institute, London  
“Ebstein's malformation- natural history and physical signs”
- 1988 Second International Iopamidol Symposium, Washington DC  
“Ionic and non-ionic contrast media in paediatric angiocardiology”
- 1988 Cardiology Today and Tomorrow, Milan  
“Incidence and significance of silent ischemia in chronic stable angina and the asymptomatic population”

- 1988 7<sup>th</sup> International Meeting on Advances in Treatment of Coronary Artery Disease, Madrid  
Silent myocardial ischemia in patients with stable angina”  
“I holter monitoring a reliable method for the identification of silent ischemia”
- 1988 Southern Africa Cardiac Society, Cape Town  
“Silent myocardial ischemia- an update”
- 1998 European Society of Cardiology Meeting, Vienna  
“Out of hospital holter”
- 1988 Seminar on Paediatric Arrhythmias, Cardiothoracic Institute, London  
“Late post-surgical arrhythmias”
- 1998 19<sup>th</sup> Annual Course in Cardiac Surgery, Cardiothoracic Institute, London  
“Ebstein’s malformation: natural history and physical signs”
- 1988 Spanish Cardiology Group, Cambridge, England  
“Current situation of silent ischemia”
- 1988 Spanish Society of Cardiology, Bilbao  
“Diagnosis of silent ischemia by electrocardiographic, scintigraphic and angiographic techniques”
- 1988 Resolved and Unresolved Issues in Cardiology, Antigua  
*Chairman:* Session on Myocardial Ischemia  
*Invited Speaker:* “Stable and unstable coronary syndromes”
- 1989** Salon de Cardiologie Pratique 5, Paris  
“L’ischemie silencieuse”
- 1989 XI Seminaire de Cardiologie Pediatrique, Paris  
“Arythmies ventriculaires post-opérations tardives en pédiatrie. Incidence, signification, conduite à tenir”  
“Syndrome de Wolff-Parkinson-White. Définition. Physiologie. Physiologie. Physiopathologie et implications pronostiques chez l’enfant”  
“Traitements pharmacologiques des tachycardies hétérotopes compliquant un syndrome de Wolff-Parkinson-White chez l’enfant”
- 1989 International Symposium on Sudden Death, Barcelona  
“Pathophysiology of silent myocardial ischemia”  
“Sudden death in congenital heart disease”
- 1989 American College of Cardiology, 38<sup>th</sup> Annual Scientific Session, Anaheim  
Fireside panel on silent ischemia
- 1989 South Swedish Cardiology Meeting, Malmo  
“Silent myocardial ischemia: state of the art lecture”



- 1989 Cardiology '89, London  
Breakfast meeting- "Silent ischemia"
- 1989 Paediatric Arrhythmia Course, National Heart and Lung Institute, London  
"Late post-surgical arrhythmias"
- 1989 20<sup>th</sup> Annual Course in Cardiac Surgery, National Heart and Lung Institute, London  
"Cardiac rhythm after atrial or arterial repair of transposition of the great arteries"
- 1989 2<sup>nd</sup> International Symposium on Evolving Concepts on Cardiovasc Therapy, Oporto  
"Out of hospital detection by holter"  
"Pontaneous variability- implications for treatment"
- 1989 Spring Cardiovascular Metting, University North Carolina  
"Prognosis and therapy of silent ischemia"  
"Spectrum of arrhythmias in children"
- 1989 Practical Aspects of Ambulatory ECG Monitoring for the Detection of Myocardial Ischemia: An International Symposium, Baltimore  
*Course Director. Invited Speaker:* "Practical and statistical considerations regarding the use of ambulatory ECG monitoring in clinical trials"
- 1989 XIth Congress of the European Society of Cardiology, Nice  
*Invited speaker:* Tricuspid Atresia Symposium: "Normal History"  
*Invited speaker:* Symposium on "Late follow-up of postoperative arrhythmias in congenital heart disease", "Tachyarrhythmias"  
*Invited speaker: Satellite Symposium,* "What's new in myocardial infarction?", "Total ischemic burden"
- 1989 Silent Myocardial Ischemia Symposium, Oslo  
*Invited speaker:* "Diagnostic tools in ischemic heart disease"  
"Isotope techniques"
- 1989 Autumn Symposium on Ischaemic Heart Disease, Lisbon  
*Invited speaker:* Session on clinical and diagnostic aspects of ischaemic heart disease  
"Total ischaemic burden: Silent myocardial ischaemia"
- 1989 Canadian Cardiovascular Society, Vancouver  
"Silent myocardial ischemia"
- 1989 Mater Misericordiae Hospital, Dublin  
"Silent myocardial ischemia"
- 1989 International Round Table on Silent Myocardial Ischemia, Tel Aviv  
*Chairman:* Round Table II- Pain Perception- incidence- prognosis

- Invited speaker:* “Variability of myocardial ischemia: implications for monitoring strategies”  
“Does silent myocardial ischemia need treatment?”
- 1989 Mayo Clinic, Rochester, Minnesota  
“Risk stratification in silent myocardial ischemia”
- 1989 Twin Cities Grand Rounds- Minneapolis/St Paul  
“What’s new in silent myocardial ischemia?”
- 1989 University of South Carolina, Charleston, USA  
“Fontan circulation- what can we expect?”
- 1990** British Cardiac Society, Torquay  
“Arrhythmias in operated congenital heart disease”  
“Is a subpulmonary ventricle in a Fontan circulation a Trojan horse?”
- 1990 American College of Cardiology, New Orleans  
“Controversies in Paediatric Cardiology: Postoperative ventricular arrhythmias require prophylactic treatment”  
*Chairman:* “Advances in physiological monitoring of the ambulatory cardiac patient”  
*Invited speaker:* “Ambulatory myocardial ischemia: should we screen, how to screen, when to treat?”
- 1990 4<sup>th</sup> International Congress on Ambulatory Monitoring, London  
*Invited speaker:* “Sudden death after repair of congenital heart disease: role of ambulatory ECG monitoring”  
*Chairman:* Plenary session “New techniques in ambulatory ECG monitoring”
- 1990 Workshop on Ebstein’s malformation, Cardiothoracic Institute, London  
“Long term follow-up”
- 1990 European Society of Cardiology, Stockholm  
*Invited speaker:* “Symposium on congenital heart disease: problems in adolescents: “Advice about sport”
- 1990 International Symposium on Ischaemic Cardiopathy, Cordoba  
“Silent ischemia”  
“Practical aspects of ambulatory monitoring”  
*Chairman:* “Angina pectoris”
- 1990 International Symposium on Nitrates, Lisbon  
“‘The role of nitrates in silent ischemia”
- 1990 Cyprus Society of Cardiology 11<sup>th</sup> International Seminar  
“‘The Fontan circulation interventional circulation”  
“‘Physiology after the Fontan surgery for transposition of the great arteries”
- 1990 Symposium on Tetralogy of Fallot, National Heart and Lung Institute

“Tetralogy with pulmonary atresia: Results of unifocalisation”

- 1991** British Council Course: Paediatric Cardiology: Current concepts & recent advances, Windsor  
*Course Tutor and Invited speaker:* “Atrioventricular septal defect: Natural and unnatural history”  
“Ventricular septal defect: How many patients need surgery?”  
“Ventricular septal defect: Follow-up”  
“Hearts with univentricular A-V connexion: Natural History”  
“Hearts with univentricular A-V connexion: The patient after the Fontan’s procedure”  
“Arterial valvar stenosis: Diagnosis and natural history”
- 1991 British Cardiac Society Symposium on Transposition, Glasgow  
“Risk Assessment after Mustard operation”
- 1991 American College of Cardiology Meeting, Atlanta  
Mini course on myocardial ischemia during daily life “Methods of detection”
- 1991 American College of Cardiology Fifteenth Annual Update: Cardiology for the Primary Physician, Charleston  
“PET scanning and other techniques in the clinical evaluation of patients with myocardial ischemia”  
“Adolescent heart disease”
- 1991 Update in Paediatric Cardiology, National Heart and Lung Institute: Pulmonary circulation and the Fontan procedure  
“The subpulmonary ventricle”
- 1991 European Society of Cardiology, Amsterdam  
*Chairman:* “Adult congenital heart disease”  
*Invited speaker:* “Tetralogy of Fallot: what does the adult cardiologist need to know?”  
“Long term follow-up”
- 1991 Cyprus Society of Cardiology 12<sup>th</sup> International Seminar  
“Congenital Heart Disease in the Adult”  
“Fallot’s tetralogy: What does the adult cardiologist need to know?”
- 1991 Aviation Cardiology Workshop, Brokett Hall  
“Congenital heart disease: implications for pilot licensing”
- 1991 Symposium on Syncope in Congenital Heart Disease, Genoa  
“Syncope on post operative patients”
- 1992** 14<sup>th</sup> Seminar of Paediatric Cardiology, Paris  
“Overall long term results after Mustard operation”  
“Risk stratification for sudden death after intra atrial repair”  
“Venous pathway obstruction”  
“Tricuspid valve and RV function after intra atrial repair”

- Heart Institute, Ottawa  
 “Endothelial function in systemic arterial disease”
- 1992           Symposium on Postoperative Paediatric Cardiac Dysrhythmias, Hannover  
 “Cardiac dysrhythmias after atrial switch procedures for transposition of the  
 great arteries: the London experience”  
 “Late outcome of surgical repair of congenital heart disease in adults: EP  
 sequelae”  
 “The natural history of arrhythmias in Ebstein’s anomaly”  
*Chairman:* “Cardiac dysrhythmias after Fontan operation”
- 1992           American College of Cardiology 41<sup>st</sup> Scientific Sessions, Dallas  
 “Late outcome of surgical repair of congenital heart disease in adults”
- 1992           British Cardiac Society Annual Meeting, Harrogate  
 “Arrhythmias after Fontan Operation: Atriopulmonary vs. Cavopulmonary  
 Connexion”  
 “Non-invasive detection of endothelial dysfunction in systemic arteries of  
 children and adults risk of atherosclerosis”
- 1992           Pediatric Cardiology and Cardiovascular Surgery, New York  
 “Endothelial dysfunction and vascular disease”  
 “The natural history of double inlet ventricle”
- 1992           XIVth Congress of the European Society of Cardiology, Barcelona  
*Invited speaker: Symposium on Grown Up Congenital Heart Disease:*  
 “Mustard and Senning long term outcome”  
*Symposium on Circadian Patterns in Cardiovascular Diseases- importance for  
 treatment?*  
 “Circadian variation in coronary heart disease and its pathophysiological  
 mechanisms”
- 1992           Syntex Grand Rounds, Cardiothoracic Institute, London  
*Invited lecturer:* “Endothelial dysfunction in children at risk from  
 atherosclerosis”
- 1992           Grand Rounds- Royal Postgraduate Medical School, London  
*Invited panellist:* “Controversies in grown-up congenital heart disease”
- 1992           51<sup>st</sup> Polish Cardiac Society, Gdansk  
 “Influence of treatment by cardiovascular drugs on myocardial ischemia”
- 1992           Iberian- American Congress of Cardiology, Seville  
 “Therapeutic implication of silent ischemia”
- 1992           British Paediatric Cardiac Association, Birmingham  
*Chairman:* “Radio-frequency ablation for paediatric arrhythmias”
- 1992           University Hospital of Wales, Cardiff

“Endothelium in early vascular disease”

- 1993** World Forum for Paediatric Cardiology Symposium, Hong Kong  
*Invited speaker:* “Tetralogy of Fallot: Long-term follow-up”  
“Tetralogy of Fallot with pulmonary atresia: Long term follow-up”  
“Ebstein’s malformation: Natural history”  
*World Forum Lecture:* “Adult congenital heart disease”  
*Invited speaker:* “Fontan procedure: Physiology of Fontan circulation”  
*Chairman:* “Complete transposition”
- 1993 Cyprus Paediatric Society, Nicosia  
“Early adult heart disease in childhood”  
“Interventional cardiology”
- 1993 American College of Cardiology 42<sup>nd</sup> Scientific Sessions, Anaheim  
Chairman: “Prognostic use of the signal averaged ECG”
- 1993 VIII International Meeting on Clinical Cardiology, Athens  
“The Fontan operation: its indications and outcome”
- 1993 New Perspectives in Ischaemic Heart Disease, Heart Failure and Atherosclerosis, Bologna  
“Current issues in the management of asymptomatic myocardial ischaemia”
- 1993 10<sup>th</sup> Internat Symposium on Paediatric Cardiology and Cardiac Surgery, Paris  
*Chairman:* “Survival of child born with congenital heart defects”  
*Invited speaker:* “Abnormalities of vascular physiology late after repair of coarctation of the aorta”
- 1993 World Congress of Paediatric Cardiology and Cardiac Surgery, Paris  
“Paediatric predictors of future adult cardiovascular disease”
- 1993 European Atherosclerosis Society, Jerusalem  
“Endothelial dysfunction in early atherosclerosis”
- 1993 Turkish National Cardiology Congress, Istanbul  
“The role of calcium antagonists in the treatment of angina”
- 1993 XVth Congress of the European Society of Cardiology, Nice  
*Chairman:* “Diurnal distribution in cardiovascular disease: Prognosis and therapy”  
*Invited speaker:* “natural history and clinical presentation of double-inlet ventricle”
- 1993 Norwegian Cardiology Congress, Oslo  
*Invited speaker:* *The CAPE Study: Rationale and design.*  
“Endothelial dysfunction in early atherosclerosis”
- 1993 VIIth Portugese Paediatric Cardiology Symposium, Lisbon  
“Chronic arrhythmias after surgery: rationale for treatment”

- 1993 Cyprus Paediatric Society, Nicosia  
 “Adult congenital heart disease”  
 “Sudden death in congenital heart disease”
- 1993 Accelerated atherosclerosis: aetiology, clinical implications and prevention, London  
 “Non-invasive monitoring of endothelial dysfunction”
- 1993 54<sup>th</sup> Congress of the Italian Society of Cardiology, Rome  
 “Role of therapy for silent myocardial ischaemia”
- 1994** IEFCC III: Internat Forum for the Evaluation of Cardiovascular Care, Monte-Carlo  
*Invited speaker:* “The CAPE study”
- 1994 Asian-Pacific Congress on Lipid Risk Factor Control, Hong Kong  
 “Endothelial dysfunction in early atherosclerosis”
- 1994 Epidemiological Prevention of Cardiovascular Diseases, Nice  
 “Circadian variation of myocardial ischemia”
- 1994 British Council Course in Paediatric Cardiology, London  
*Course Tutor and Invited speaker:* “Role of the cardiac catheter laborator”  
 “Treatment of atrial septal defect”  
 “Treatment of transposition”  
 “Diagnosis of anomalous pulmonary venous connection”  
 “Long-term follow-up of ventricular septal defect”
- 1994 American College of Cardiology, Atlanta 43<sup>rd</sup> Scientific Session  
*Chairman: Chronic Ischemic Heart Disease*  
 “Amlodipine reduces the total ischemic burden of patients with coronary disease. Double blind circadian anti-ischemia programme in Europe (CAPE) trial.”
- 1994 American College of Physicians 10<sup>th</sup> Annual Meeting, Miami  
 “Therapy for circadian patterns of myocardial ischemia”
- 1994 15<sup>th</sup> Seminar in Paediatric Cardiology, Paris  
 “Dilated cardiomyopathy in children. Risk stratification and determinants of outcome”  
 “Hypertrophic cardiomyopathy in children and adolescents”
- 1994 Association of Physicians, Newcastle  
 “Endothelial dysfunction in early atherosclerosis”
- 1994 Working towards a Healthier Heart, Florence  
 “Endothelial dysfunction in atherosclerosis”
- 1994 Swiss Society of Cardiology, Interlaken

- “An overview of risk factors for coronary heart disease in children and adolescents”
- 1994 British Cardiac Society, Torquay  
“Endothelium-dependent dilation in the arteries of asymptomatic subjects relates to coronary risk factors and their interaction”
- 1994 42<sup>nd</sup> Meeting of Cardiac Society of Australia and New Zealand, Adelaide  
“Can endothelial dysfunction be detected non-invasively?”  
“Tetralogy of Fallot- long term outcome”  
“Psychosocial and economic issues for adults with congenital heart disease”  
“Post infarct investigations- ST segment monitoring”  
*Melbourne Children’s Hospital invited speaker:* “Paediatric manifestation of atherosclerosis”
- 1994 XIIth World Congress of Cardiology and XVIth Congress of the European Society of Cardiology, Berlin  
“Total ischemic burden: pathophysiology- diagnosis- therapy”  
“Therapeutic goals with calcium antagonists”  
“Postoperative congenital heart disease”
- 1994 Fourth ANCE National Congress, Capri  
“Role of therapy on prognosis in silent myocardial ischemia”
- 1994 67<sup>th</sup> Scientific Sessions, American Heart Association, Dallas  
*Invited speaker:* “Clinical detection of abnormal vascular reactivity in young subjects”
- 1994 10<sup>th</sup> ASEAN Congress of Cardiology, Bangkok  
“Treatment of myocardial ischemia with amlodipine: results of the CAPE trial”
- 1994 European Society of Cardiology, Nice  
*Chairman and invited speaker:* “Grown up congenital heart disease”  
“Arrhythmia in grown up congenital heart disease patients”  
“Long term results of Mustard operation”  
“Insurance and employment- special problems”
- 1994 Spanish Society of Cardiology, Marbella  
“Treatment effects on the total ischemic burden and variables with prognostic implications”
- 1994 ASEANZ Lipid Forum, Taiwan  
“Endothelial dysfunction: clinical implications on atherosclerosis and ischaemia”
- 1994 3<sup>rd</sup> Internat Symposium: Multiple risk factors in cardiovascular disease, Florence  
“Endothelial function associated with multiple risk factors in early atherosclerosis”
- 1994 Symposium on Silent Myocardial Ischaemia, Lucerne

Results from new studies: CAPE and others

- 1994 Actualités en cardiologie pediatrique, Paris  
“Endothelial function and early atherosclerosis in the young”
- 1995** European Society of Cardiology, Nice: Grown-up congenital heart patients  
*Chairman:* Investigation of GUCH.  
*Invited speaker:* “Arrhythmias in grown up congenital heart patients”  
“Late outcome after Mustard operation”
- 1995 American College of Cardiology, 44<sup>th</sup> Scientific Sessions, New Orleans  
*Chairman:* Adult congenital heart disease
- 1995 Toronto Hospital and Hospital for Sick Children  
Visiting Professor: “Arrhythmia in repaired congenital heart disease”  
“Endothelial function in early atherosclerosis”
- 1995 World Congress of Angiology, London  
Invited speaker: “Non-invasive detection of endothelial function”  
“Endothelial and atherosclerosis”
- 1995 British Heart Foundation, London: Grown Up Congenital Heart Disease  
“Research prospects”
- 1995 Euroheart 95, NHLI and Royal Brompton Hospital, London  
“Employment and insurance prospects in grown-up congenital heart disease.
- 1995 International Symposium on Current Controversies & Techniques in Congenital Heart Surgery, University Hospital, Utrecht  
“The Failing Fallot”  
“Late results after the Fontan operation”
- 1995 5<sup>th</sup> Symposium on Congenital Heart Disease, Hamburg  
*Invited speaker:* “Arrhythmias in adults with congenital heart disease: state of the art”  
*Chairman:* “Tetralogy of Fallot”
- 1995 European Society of Cardiology, Amsterdam  
“Vascular reactivity in population”
- 1995 Brazilian Congress of Cardiology, Rio de Janeiro  
“Prognosis trials in myocardial ischaemia”
- 1995 11<sup>th</sup> Asian Congress of Cardiology and 6<sup>th</sup> Asian Pacific Congress of Paediatric Cardiology, Bali  
“Endothelial dysfunction in early atherosclerosis”  
“Long-term outcome after repair of atrioventricular septal defect”  
“Adult congenital heart disease”



- 1995 American Heart Association 68<sup>th</sup> Scientific Sessions, Anaheim  
 “Ventricular arrhythmia in adults with congenital heart disease”  
 “Endothelial dysfunction in early atherosclerosis”  
 “Tetralogy of Fallot- Sudden Death”
- 1996** XVII Coronary Arteries in Childhood, Hospital Necker, Paris  
 “Physiology of the coronary circulation”  
 “Early atherosclerosis: diagnosis and prevention”
- 1996 Catalan Society of Cardiology, Barcelona  
*Invited speaker:* “Endothelial dysfunction in early atherosclerosis. Clinical implications and management”
- 1996 Euroheart 96, National Heart Lung Institute, London  
 “Early detection of coronary artery disease”
- 1996 European Society of Cardiology, Birmingham  
*Chairman:* “Surgically repaired congenital heart disease 10-20 years later”  
*Invited speaker:* “Response of pulmonary arteries to nitric oxide and acetylcholine in children with left to right shunts”
- 1996 VIII International Workshop on Ischemic Heart Disease, Celle, Germany  
 “Reversal of early endothelial dysfunction by L-arginine”
- 1996 ESC Working Group on Coronary Circulation, London  
 “In vivo evaluation of endothelial function in health and disease”
- 1996 10<sup>th</sup> Annual British Hyperlipidaemia Association Meeting, Manchester  
 “Endothelial dysfunction in atherosclerosis. Opportunities for primary and secondary prevention”
- 1996 XVIII Congress of the European Society of Cardiology, Birmingham  
 “Are there potential benefits with calcium channel blockers?”  
 “Response of pulmonary arteries to NO and acetylcholine in children with L-R shunts”  
 “Risk factors and endothelial damage in atherogenesis”  
*Chairman:* “Surgically repaired congenital heart disease: 10-20 years later”
- 1996 European Society of Cardiology: Gown-Up Congenital Heart Disease, Nice  
 Faculty Member. “Aortic stenosis in the young: introduction”  
 “Sudden death in GUCH and athletes”  
 “Ventricular arrhythmia, pulmonary regurgitation- Fallot story”  
 “The small duct in adults: close or leave?”  
 “Endothelial reactivity in GUCH patients”  
*Chairman:* Insights and new activities
- 1996 Annual Meeting of the Egyptian Society of Cardiology, Cairo  
 “Total ischemic burden: therapeutic implications”  
 “Unstable atherosclerotic plaque: the role of endothelium”

- 1996 St Joseph's Medical Centre Heart Institute Symposium, Baltimore  
"Endothelial function in atherosclerosis"
- 1996 BIMDG Workshop: Hypercholesterolaemia in Childhood, Glasgow  
"Detecting vascular disease in children"
- 1996 RSM Forum on Lipids in Clinical Medicine  
"Clinical studies of risk factors on early vascular disease"
- 1996 Cardiac Surgery 97, 28<sup>th</sup> Annual Course, London  
"The Fontan Circulation: Patient selection and long term results"
- 1997** 18<sup>th</sup> Annual Scientific Sessions of North American Society of Pacing and  
Electrophysiology  
"Postoperative arrhythmias non-invasive detection"
- 1997 British Cardiac Society, Manchester  
*Invited speaker:* "Small PDA and VSD do not require closure"
- 1997 2<sup>nd</sup> World Congress of Paediatric Cardiology and Cardiac Surgery, Honolulu  
*Invited speaker:* "Controversies in paediatric cardiology"  
"Sudden cardiac death in GUCH"
- 1997 Controversies in Cardiology, University Hospital, Berne  
Endothelial workshop
- 1997 BHF Lecture, Mount Vernon Postgraduate Medical Centre  
"Adolescent cardiology"
- 1997 XIX Congress of the European Society of Cardiology, Stockholm  
*Chairman:* "Long-term right ventricular function in congenital heart disease"
- 1997 Republic of China Society of Cardiology, Taiwan  
"Treatment effects on the total ischemic burden and prognostic implications"  
"Management of ischemic heart disease: therapeutic options and future  
direction"
- 1997 British Heart Foundation Symposium on the Right Heart in Congenital Heart  
Disease  
"The pulmonary circulation: physiologic and pharmacologic development"  
"Ebstein's malformation of the tricuspid valve: natural history and clinical  
presentation"
- 1998** 16<sup>th</sup> International Seminar of Cyprus Society of Cardiology: Cardiology Today  
"Endothelial function in atherosclerosis"  
"Management and mismanagement of adult congenital heart disease"
- 1998 VIII Journées Européennes de la Sociétés Française de Cardiologie, 14-17<sup>th</sup>  
January

- Invited lecturer:* “Endothelial function in early atherosclerosis: a new target for therapy?”
- 1998 Egyptian Society of Cardiology, Cairo, 22-23<sup>rd</sup> February  
 “Importance of lipid lowering in the management of atherosclerosis”  
 “Calcium channel blockers in angina”
- 1998 XIX Séminaire de Cardiologie Pédiatrique, Paris, 12-13<sup>th</sup> March  
 “Why is blood pressure elevated in coarctation of the aorta?”  
 “Long term results of surgical valvotomy in newborn infants with critical aortic stenosis”  
 “Non-surgical treatment of dynamic subaortic stenosis (obstructive hypertrophic cardiomyopathy)”
- 1998 34<sup>th</sup> Annual Meeting of the Society of Japanese Pediatric Cardiology, 22-24<sup>th</sup> July  
 “Redo surgery in long-term postoperative period for the Fontan operation: indications and problems”  
 “Endothelial function in the pulmonary and systemic circulations”
- 1998 XXII International Congress of Paediatrics, 9-14<sup>th</sup> August, Amsterdam  
*Invited speaker:* “New approach to adults with congenital heart disease”
- 1998 XXth Congress of the European Society of Cardiology, 22-26<sup>th</sup> August, Vienna  
*Chaired sessions:* “The progression of human atherosclerosis; recreation and sports in grown-up congenital heart disease patients”  
*Invited speaker:* “Diagnosis and significance of early vascular dysfunction: perspectives for treatment and prevention”  
 “Pathophysiology of hypertension after coarctation repair”  
 “Unoperated Ebstein’s anomaly: natural history and management”
- 1998 71<sup>st</sup> Scientific Sessions of the American Heart Association, Plenary Session VI, 8-11<sup>th</sup> November, Dallas  
*Invited speaker:* “Non-invasive studies of estrogen and vasomotion”
- 1998 British Paediatric Cardiac Association Meeting, 19-20<sup>th</sup> November, Southampton  
*Joint Chairman:* “Management of the failing Fontan”  
 “Early indicators and late cardiovascular risk”
- 1998 Update in Paediatric Cardiology, 21-25<sup>th</sup> November, Kuwait  
*Invited speaker:* “Acyanotic CHD”  
 “Cyanotic heart disease”  
 “Grown up CHD”  
 “Basic cardiac catheterisation data”  
 “Interventional cardiac catheterisation”
- 1998 XXVI International Meeting on Cardiovascular Update, Society of Cardiac Surgeons, 30<sup>th</sup> Nov-1<sup>st</sup> December, Madrid  
*Chaired sessions:* “Session III, congenital heart disease”  
*Guest lecture:* “Care of the adults with congenital heart disease”

- 1999** XX Seminaire de Cardiologie Pediatrique, March Paris, France  
*Invited speaker:* “Post Senning/Mustard arrhythmias and Fontan/Fontan type operations arrhythmias”
- 1999 British Cardiac Society Meeting, 25-27<sup>th</sup> May, Manchester  
*Invited speaker:* “Kawasaki disease”
- 1999 European Atherosclerosis Society, 26-29<sup>th</sup> May, Athens  
*Invited speaker:* “Vascular haemostasis and the role of the endothelium”
- 1999 Nordic Congress of Cardiology, 9-11<sup>th</sup> June, Norway  
*Invited speaker:* “Endothelium and atherosclerosis”  
*Invited speaker:* “Congenital heart disease in the adult”
- 1999 XXI Congress of the European Society of Cardiology, 28<sup>th</sup> Aug-1<sup>st</sup> September, Barcelona, Spain  
“Electrophysiologic problems in grown-up congenital heart disease”  
Chaired session: The working group on “Grown-up congenital heart disease” and “Arrhythmias”
- 1999 Atherosclerosis in the Young Symposium  
*Invited speaker:* The working group on “Grown-up congenital heart disease” and “Pathogenesis of atherosclerosis” Risk factors in the young.  
“Exercise training: antiatherogenic effects and their clinical implications”  
“Physical exercise and endothelial function”  
*Invited speaker:* The Working Group on “Cardiac rehabilitation and exercise physiology”  
*Panel discussion:* “Clinical implications of the antiatherogenic effects of physical training”
- 1999 British Heart Foundation, The Left Heart in Congenital Heart Disease, 11-14<sup>th</sup> September, Royal College of Surgeons, London  
*Chaired session:* “The normal left ventricle”  
*Invited speaker:* “Aortic coarctation in the older child- natural and unnatural history”
- 1999 Grown-Up Congenital Heart Disease (GUCH): Yesterday’s triumphs, today’s problems, tomorrow’s plans, 30<sup>th</sup> Sept-1<sup>st</sup> October, Nice  
*Update investigations: Invited speaker:* “Ventricular function”  
*Longevity in GUCH: Invited speaker:* “More then 20 years post-operatively”  
Tomorrow’s Plans: Chairman of ESC GUCH Working Group.
- 1999 Mayo Clinic, Echocardiography in Adult Congenital Heart Disease, 10-13<sup>th</sup> October, Rochester, USA  
“Clinical Aspects of Adult Congenital Heart Disease”  
*Invited speaker:* “Recurrence risk in offspring of adults with major CHD”  
*Invited speaker:* “Clinical aspects and late outcome of the right ventricle in the systemic circulation: corrected TGA, atrial switch procedures”

- “Congenital echocardiography in adult congenital heart disease: surgery and other interventions in the adult”  
 “Echocardiography and syndromes”  
*Invited speaker:* “Eisenmenger physiology: evaluation, clinical management and outcome”
- 1999 American Heart Association, 7-10<sup>th</sup> November, Atlanta, USA  
*Invited speaker:* “Mustard/Senning for transposition of the great arteries”
- 2000** Association of Cardiothoracic Anaesthetists: Study Day on Paediatric Cardiac Anaesthesia & Intensive Care, 17<sup>th</sup> January, Royal Society of Medicine, London  
*Invited speaker:* “Long term outcome after surgery for congenital heart disease”
- 2000 National Symposium- Imaging in Adult Congenital Heart Disease, 21<sup>st</sup> January, The Netherlands  
*Invited speaker:* “Future perspectives in diagnosis of adult congenital heart disease”
- 2000 49<sup>th</sup> Annual Scientific Session of the American College of Cardiology, 13<sup>th</sup> March, Anaheim, California  
*Invited speaker:* Presidential Plenary Session/Simon Dack Lecture. “The child is the father of the man: managing lifetime risk of coronary artery disease”  
*Chaired session:* Luncheon panel. “Assessment of endothelial function”
- 2000 Europaediatrics 2000, The Unepsa and Cesp European Congress of Paediatrics, 18-21<sup>st</sup> March, Rome  
*Invited speaker:* “Paediatric determinants of adult hypertension and coronary artery disease”
- 2000 European Society of Cardiology, 27-29<sup>th</sup> April, Padua  
*Symposium:* “Postoperative congenital heart disease”  
*Invited speaker:* “Anatomical and electrophysiological substrates of electrical instability”
- 2000 Nordisk Barnkardiologist Klub XXXII Meeting, 22-23<sup>rd</sup> September, Reykjavik  
*Invited speaker:* “Grown-up congenital heart disease- the need for specialised care”
- 2000 American College of Cardiology, 32<sup>nd</sup> Bethesda Conference, Care of the Adult with Congenital Heart Disease, 2-3<sup>rd</sup> October, Bethesda  
*Co-Chair:* Task Force 3 – “Work force description and educational requirements for the care of adults with congenital heart disease”
- 2000 1<sup>st</sup> Practical Course in Echocardiography in Adults with Congenital Heart Disease (WATCH meeting), 23<sup>rd</sup> November, Geneva  
*Invited speaker:* “WATCH patients: a new challenge for the adult cardiologist”

- 2000 Past Lessons and Future Prospects in Adult Congenital Cardiac Disease, 1-3<sup>rd</sup> December, Munich  
Ventricular function and dysfunction:  
Invited speaker: “Advances in the medical and surgical treatment of right and left heart failure in adults with congenital cardiac disease”
- 2001 Royal College of Physicians Pan-Thames Region Training Day, 19<sup>th</sup> January, London  
Invited speaker: “Adult congenital heart disease- Interventional catheterisation for GUCH”
- 2001 Cardiology Update 2001- 14<sup>th</sup> International Postgraduate Course on Myocardial Infarction and Angina Pectoris, 12-16<sup>th</sup> February, Davos, Switzerland  
*Panel discussion & invited speaker:* “Controversy on cardiovascular risk factors: In which patient group should we intervene?- In the average individual”
- 2001 First International Wine & Heart Health Summit, Napa Valley, California, 16-18<sup>th</sup> February  
*Invited speaker:* “Endothelial function in health and disease”
- 2001 Royal Brompton Advanced Symposium in Adult Congenital Heart Disease and Cardiac Surgery, 19-20<sup>th</sup> February, London  
*Chaired session:* “CoA and reCoA in the adult”  
*Invited speaker:* “Is CoA a localised or generalised pathology?”
- 2001 Southampton General Hospital Insulin Resistance Symposium- Origins, Consequences & Treatment, 22-23<sup>rd</sup> February, Southampton  
*Invited speaker:* “Insulin resistance, diabetes and endothelial function”
- 2001 American College of Cardiology, 12<sup>th</sup> International Symposium on Congenital Heart Disease in the Adult (in conjunction with the 3<sup>rd</sup> World Congress of Pediatric Cardiology and Cardiac Surgery), 25-26<sup>th</sup> May, Toronto  
*Invited speaker:* “Coarctation in the adult”  
“Evidence for a generalised arteriopathy”  
*Invited speaker:* “Ventricular failure in adults with CHD”  
“The role of cardiopulmonary exercise testing in the evaluation of such patients”
- 2001 PCCS Symposium: Preventative pediatric cardiovascular medicine  
Invited speaker: “Early onset of acquired heart disease: atherosclerosis”
- 2001 Cardiac Surgery 2001 (Science & Practice) 4-8<sup>th</sup> June, London  
Transposition of the great arteries:  
*Invited speaker:* “Long term results of atrial switch- is there a problem?”
- 2001 European Society of Cardiology Congress (XXIII) joined with the XXXVI Annual General Meeting of the Association for European Paediatric Cardiology, 1-5<sup>th</sup> September, Stockholm  
*Chaired session:* “Mapping & zapping- catheter ablation in congenital heart disease. The working groups on ‘Grown-up congenital heart disease’ and ‘Arrhythmias’”

- 2001 The 4<sup>th</sup> International 6-Day Symposium on Congenital Heart Disease, Pathology, Imaging, Surgery and Related Basic Researches, 16-21 September, Prague  
*Invited speaker:* “Tetralogy of Fallot & pulmonary atresia- diagnosis”  
*Invited speaker:* “Complete transposition- follow-up”
- 2001 The Royal College of Anaesthetists College Symposium- Cardiopulmonary Disease and Anaesthesia, 1-2<sup>nd</sup> November, London  
*Invited speaker:* “Overview of grown-up congenital heart disease”
- 2002** Cardiovascular Seminar: Update in Vascular Biology & Therapy, 10-12<sup>th</sup> January, Zurich  
*Invited speaker:* “Prevention of coronary artery disease: where to start?”
- 2002 American College of Cardiology, 17-19<sup>th</sup> March, Atlanta  
*Session:* “Emerging imaging techniques to detect and quantify atherosclerosis”  
*Invited speaker:* “Flow mediated vasodilation”
- 2002 Royal College of Paediatrics & Child Health 6<sup>th</sup> Spring Meeting, 17<sup>th</sup> April, York  
*Invited speaker:* “Risk factors for cardiovascular disease in the young”
- 2002 Second Primary Care Summit, 11-12<sup>th</sup> May, Bangkok  
*Invited speaker:* “Medical management of atherosclerosis”
- 2002 XIV World Congress of Cardiology, 5-9<sup>th</sup> May Sydney  
*Session:* “Issues in congenital heart disease”  
*Session:* “Grown-up congenital heart disease: what the adult cardiologist needs to know”  
*Invited speaker:* “When is the Fontan circulation not giving up?”  
*Invited speaker:* “Late outcomes after single ventricle”
- 2002 World Congress of Cardiovascular Disease, 10<sup>th</sup> May, Sydney  
*Satellite meeting- Invited speaker:* “Nitric oxide, birth weight and other risk factors”
- 2002 13<sup>th</sup> Annual Congenital Heart Disease in the Adult, 19-22<sup>nd</sup> May, Skamania  
*Invited speaker:* “Coarctation pre- and post surgery/ interventional ath treatment: special issues related to long-term outcomes, new insights, and their impact on therapeutic strategies”
- 2002 11<sup>th</sup> European Stroke Conference, 29<sup>th</sup> May- 1<sup>st</sup> June, Geneva  
 Cardiovascular risk factor management in the prevention of stroke:  
*Invited speaker:* “Clinical trials: evidence and unanswered questions hyperlipidemia”
- 2002 Visiting Professor, 23-26<sup>th</sup> June, Columbia University, New York  
 Visiting Professorship  
*Invited speaker:* “Child is the father of man: childhood origins of adult cardiac disease”  
 “Adult congenital heart disease: why and how?”

- “Management of transposition of the great arteries: lessons from long-term follow-up”
- 2002 Symposium- The Practice of Evidence-based Cardiology, 27-29<sup>th</sup> June, Zurich  
 Session 2- Prevention of Cardiovascular Disease:  
*Invited speaker:* “Atherosclerosis in childhood and early adulthood”  
*Workshop:* “Risk Assessment”  
*Invited speaker:* “In which patient groups should we intervene?”
- 2002 XXIV European Society of Cardiology Congress, 31<sup>st</sup> August-4<sup>th</sup> September, Berlin  
 The Working Group on “Developmental Anatomy and Pathology”  
*Chairman of Session:* “Live video demonstration on morphology of congenital heart disease”  
 The Working Group on ‘Grown-up congenital heart disease’  
*Invited speaker:* “Sudden death in adult congenital heart disease”  
*Session:* “Late post-surgical follow-up after Tetralogy of Fallot repair: dreams and realities”  
*Invited speaker:* “The evolution of surgical approaches: consequences in later follow-up”
- 2002 1<sup>st</sup> Joint European/North American Symposium On Congenital Heart Disease in the Adult, 26-28<sup>th</sup> September 2002, Royal College of Surgeons, London  
 Scientific Committee member  
 Session 1- Ebstein anomaly of the tricuspid valve  
*Invited speaker:* “Presentation and natural history in adulthood”
- 2002 VIIIth Annual Meeting of the European School for Cardiovascular Pathology (ESCVPPath), 2-4<sup>th</sup> October, Amsterdam  
 “Grown-up congenital heart disease. The magnitude of the problem”
- 2002 Vascular Biology Working Group, 5<sup>th</sup> October, Amsterdam  
 Co-Chair with Professor Erhardt  
*Invited speaker:* “Challenge for preventive cardiology: it’s earlier than you think”
- 2002 Quebec Heart Institute, 8-11<sup>th</sup> October, Quebec, Canada  
 “Therapeutic interventions for atherosclerosis modification”  
 “Endothelial function and atherosclerosis: implications for therapy”
- 2002 NYU Cardiology Grand Rounds, 16-18<sup>th</sup> October, New York  
 “Atherosclerosis: it’s earlier than you think”
- 2002 Summit on Atherosclerosis and Vascular Disease III, 18-20<sup>th</sup> October, New York  
 Co-Chair with Dr Peter Libby: 19<sup>th</sup> October session  
*Invited speaker:* “Global risk: extent and timing of intervention”
- 2002 Royal College of Paediatrics and Child Health, 22<sup>nd</sup> October, London  
 “Childhood origin of adult vascular disease”



- 2002 British Heart Foundation Conference for Members and Chairholders, 26-27<sup>th</sup> November, London  
“Childhood origins of atherosclerosis”
- 2002 Swedish Society of Medicine, 28<sup>th</sup> November, Gothenberg  
“Investing in your coronary arteries”
- 2002 John Radcliffe Hospital, 9<sup>th</sup> December, Oxford  
“Management of coronary artery disease: importance of early intervention”
- 2002 16<sup>th</sup> Annual Meeting of the Japanese Coronary Association, 14<sup>th</sup> December, Osaka, Japan  
“Statin therapy in high risk patients”
- 2003 14<sup>th</sup> Scientific Sessions of the Saudi Heart Association, 21-23<sup>rd</sup> January, Saudi Arabia  
“Adult Congenital Heart Disease”  
“Importance of primary prevention in coronary artery disease”
- 2003 Cardiology Update 2003: 15<sup>th</sup> International Postgraduate Course on Cardiovascular Disease, 10-14<sup>th</sup> February, Davos, Switzerland  
“Are new trials changing lipid lowering therapy in high risk patients?”- Satellite Symposia  
“Prevention- how to approach it?”
- 2003 Second International Wine & Heart Health Summit, 15-17<sup>th</sup> February, Napa, California  
“Research in coronary artery disease: insight from the vascular biology laboratory”
- 2003 32<sup>nd</sup> Annual Meeting of the German Society for Cardiovascular and Thoracic Surgery, 24<sup>th</sup> February, Leipzig, Germany  
“Epidemiology of grown-ups with congenital heart disease”
- 2003 Cardiovascular Disease Prevention VI, 12-14<sup>th</sup> March, London  
*Chairman:* Session 4: Progress in stroke and beyond  
“Infection and inflammation: mechanisms and evidence to date”
- 2003 American College of Cardiology 52<sup>nd</sup> Annual Meeting Scientific Session, 30<sup>th</sup> March- 2<sup>nd</sup> April, Chicago, USA  
“Non-invasive imaging in adults with congenital heart disease”
- 2003 Finnish Cardiac Society Meeting, 10-11<sup>th</sup> April, Lapland, Finland  
“Statins in coronary disease: role in prevention stable and unstable clinical syndromes?”
- 2003 Association for European Paediatric Cardiology, 30<sup>th</sup> May, Amsterdam  
“Sudden death in adults with congenital heart disease”

- 2003 Global Cardiovascular speaker program III, 5-6<sup>th</sup> June, Monte Carlo  
“Atherosclerosis: a complex systemic disease”
- 2003 British Pharmacological Society Meeting, 26<sup>th</sup> June, University of Surrey  
“Preventative cardiology”
- 2003 Cambridge Summer Paediatric Meeting: Growing Points in Paediatrics, 4-5<sup>th</sup> July, Kings College, Cambridge  
“Paediatric origins of coronary heart disease”
- 2003 Cardiovascular Biomarkers Symposium, 1-2<sup>nd</sup> August, Bethesda, USA  
*Imaging Session* “Endothelial Function”
- 2003 European Society of Cardiology Congress 2003, 30<sup>th</sup> August-3<sup>rd</sup> September, Vienna  
*Clinical seminar* “Assessment of endothelial function: has it lived up to a clinical test?”  
*Speaker* “Non-invasive testing by brachial artery ultrasound”  
*Clinical seminar* “Management of grown-up congenital heart disease in Europe: Task Force guidelines and their implications”  
*Speaker* “Do grown-up congenital heart disease guidelines help in daily practice?”
- 2003 Lipid Symposium, 11<sup>th</sup> September, University Hospital, Zurich  
“Cardiovascular prevention in 2003”
- 2003 The Coronary Arteries in Children. Anatomy, Flow and Function – A Marcus Wallenberg International Symposium, 11-12<sup>th</sup> September, Lund, Sweden  
“Endothelial cell function testing – how does the method help us in evaluating the vascular status”
- 2003 Inaugural lecture symposium for Professor Kastelein: A glance at the future, 18<sup>th</sup> September, Amsterdam  
“Assessment through imaging: a better understanding of atherosclerotic disease burden”
- 2003 Vascular Biology Working Group European Chapter Meeting, 19-20<sup>th</sup> September, Barcelona  
*Co-Chairman*  
“Statins in Acute and Chronic Coronary Syndrome”
- 2003 7<sup>th</sup> International Symposium in Paediatrics, 27-28<sup>th</sup> September, Cyprus  
“Childhood origin of adult heart disease”
- 2003 Summit IV: Atherosclerosis and Hypertension, 11-12<sup>th</sup> October, New York  
*Co-Chairman*  
“Targeting global risk: how well do risk factor interventions affect biology, reverse disease and prevent complications?”

- 2003 Vascular Biology Working Group European Chapter Meeting, 18<sup>th</sup> October, Rome  
*Co-Chairman*  
“Total plaque burden and regression of the atherosclerotic process”
- 2003 Vascular Biology Working Group European Chapter Meeting, 22<sup>nd</sup> November, London  
*Co-Chairman*  
“Can the process of atherosclerosis be reversed?”
- 2003 4<sup>th</sup> Annual Irish Angiology Meeting, 28-29<sup>th</sup> November, Ireland  
“Vascular disease in childhood”
- 2003 8<sup>th</sup> Asian Pacific Congress of Cardiac Rehabilitation cum Hong Kong Preventative Cardiology Conference, 13-14<sup>th</sup> December, Hong Kong  
*Symposium* “Perspectives in rehabilitation”  
*Speaker* “Cardiac rehabilitation for patients with congenital heart disease”
- 2004 35 Years Cardiovascular Pathology in Amsterdam: Farewell Symposium Professor Anton E Becker, 15-16<sup>th</sup> January, Amsterdam  
“How to handle grown-ups with congenital heart disease: the challenge of the new millennium”
- 2004 ACC Annual Conference, 6-13<sup>th</sup> March, New Orleans  
“Options for Percutaneous Pulmonary Valve Replacement”
- 2004 1<sup>st</sup> Annual Symposium on New Interventions in Transcatheter Valve Techniques 18-19<sup>th</sup> March, London, UK  
“Impact of Non-surgical Transcatheter Valve Replacement on Clinical Practice”
- 2004 Keynote Speaker at the Annual Spring Meeting of the Welsh Cardiac Group, 1-2<sup>nd</sup> April, Newport, Gwent  
“Pre-clinical management of atherosclerosis; investing in your arteries”
- 2004 74<sup>th</sup> European Atherosclerosis Society Congress, 17<sup>th</sup> April, Seville, Spain  
“Managing the atherosclerotic process in clinical practice – the importance of global risk reduction”
- 2004 Vascular Biology Working Group European Chapter Meeting, 24<sup>th</sup> April, Paris, France  
“Reversing the atherosclerotic process in patients with CAD”
- 2004 UCL Cardiovascular Science and Medicine Day, 30<sup>th</sup> April, London, UK  
“Early origins of Vascular Disease”
- 2004 British Cardiac Society, Annual Scientific Conference, 24-27<sup>th</sup> May, Manchester, UK  
Chairman of “How to manage adult congenital heart disease in the DGH” session

- 2004 Endothelial dysfunction and Cardiovascular Disease. Recent Insights and New Perspectives, 4-5<sup>th</sup> June, Rome, Italy  
“Non-invasive testing by brachial artery ultrasound”
- 2004 ‘Recent ultrasound cardiac imaging modalities – Implementing these techniques into clinical practice’ The Heart Hospital, UCLH, 21-22 June, London, UK  
“Right ventricular function – clinical problems” & Chairman of “3D echo, Hand-held echo”
- 2004 European Society Of Cardiology Congress 2004 28<sup>th</sup> August – 1 September, Munich, Germany  
Invited Speaker – “Assessment of ventricular systolic and diastolic function”, “Current clinical guidelines”
- 2004 British Heart Foundation Annual Meeting 2004 9<sup>th</sup> September, London, UK  
“Childhood origins of atherosclerosis”
- 2004 45<sup>th</sup> Annual Meeting of the European Society for Pediatric Research , 18<sup>th</sup> – 21<sup>st</sup> September, Stockholm, Sweden  
“Cardiovascular Outcomes – Clinical Perspectives”
- 2004 59<sup>th</sup> Brazilian Congress Of Cardiology, 26<sup>th</sup>-29<sup>th</sup> September, Rio de Janeiro, Brazil  
“Childhood origins of adult heart disease: can the process of atherosclerosis be reversed?”
- 2004 St Thomas’ Hospital Cardiology Meeting, 3<sup>rd</sup> November 2004, London, United Kingdom. Invited Speaker “Atherosclerosis Begins in Children”
- 2004 Vascular Biology Working Group European Chapter Meeting, 19-20<sup>th</sup> November, London, United Kingdom  
Chairman and Speaker - “Managing atherosclerosis: Importance of prevention”
- 2004 Royal Society of Medicine Meeting – The Young and the Old, 26<sup>th</sup> November 2004, London, United Kingdom  
Invited Speaker “Lifetime management of congenital heart disease”
- 2004 Lipid Update IV, 29-30<sup>th</sup> November, Stratford-upon-Avon, United Kingdom  
Invited Speaker “Lower the better? Review of recent trial evidence”
- 2005 Belgian Society of Cardiology, 3<sup>rd</sup> February 2005, Brussels, Belgium.  
Invited Speaker “Lifetime management of atherosclerosis”
- 2005 Advanced Medicine Conference, 7-10<sup>th</sup> February 2005, London, United Kingdom. Invited Speaker “Vascular dysfunction”
- 2005 Cardiology Update, 14-18<sup>th</sup> February, Davos, Switzerland.  
Invited Speaker “Delivery of health care in the 21<sup>st</sup> century: Prevention or treatment?” Chairman of “Inflammation and Atherosclerosis”, “Risk

management in Cardiovascular Disease” and “GUCH: A new Challenge for Adult Cardiologists”

- 2005 Egyptian society of cardiology, 22-25 February 2005, Cairo, Egypt.  
Invited Speaker “Late result of repaired tetralogy of fallot”, “Childhood onset of adult heart disease”
- 2005 2<sup>nd</sup> London Symposium on Vascular Biology of Atherosclerosis and its Impact In Clinical Practice, 27<sup>th</sup> February 2005, London, United Kingdom.  
Invited Speaker “Early onset of atherosclerosis: importance of prevention”.
- 2005 Cardiovascular Highlights, 19<sup>th</sup> March 2005, Lund, Sweden.  
Invited Speaker “Is coronary Atherosclerosis Reversible”.
- 2005 24<sup>th</sup> Joint Meeting Of The British Endocrine Societies, 4-6 April 2005, Harrogate, United Kingdom.  
Invited Speaker “Endothelial function and atherogenesis”
- 2005 Cardiac Disease and Anaesthesia, 14 & 15<sup>th</sup> April 2005, Manchester, United Kingdom.  
Invited Speaker “Overview of grown up congenital heart disease”
- 2005 Controversies in Cardiology, 28<sup>th</sup> April 2005, Bern, Switzerland.  
Invited Speaker “Prevention of atherosclerosis: Drugs are still underused”
- 2005 American College Of Cardiology, The 15<sup>th</sup> Annual International Symposium on Congenital Heart Disease in the Adult, 26-28<sup>th</sup> May 2005, Toronto, Canada.  
Invited Speaker “Debate: Adult Cardiologists Should Look After Adult Patients with Congenital Heart Defects”, “Is Stenting of Coarctation in Adults Worthwhile?”, “Percutaneous Pulmonary Valve Insertion – Clinical Feasibility and Hemodynamic Consequences”.
- 2005 European Society Of Cardiology Congress 2005, 3 – 7<sup>th</sup> September 2005, Stockholm, Sweden.  
Invited Speaker – “Function and morphology of conduit vessels as assessed by intravascular ultrasound”, and “Diagnosing function of the systemic right ventricle”.
- 2005 4th World Congress of Pediatric Cardiology and Cardiac Surgery, 18 – 22<sup>nd</sup> September 2005, Buenos Aires, Argentina.  
Chairman of “Early Prevention of Coronary Heart Disease”.  
Invited Speaker – “Childhood Origins of Vascular Disease: New Insights and future Developments”.
- 2005 Portuguese Congress of Atherosclerosis, 21<sup>st</sup> October 2005, Algarve, Portugal.  
Invited Speaker – "Intensive Lipid Lowering: Effect on Atherosclerosis and Outcome", and "Endothelial function and atherosclerosis".
- 2005 Annual Meeting of the Dutch Paediatric Association, 3<sup>rd</sup> November 2005, Veldhoven, Netherlands.

- Invited Speaker – “Future Trends in Congenital Heart Disease Management”.
- 2005 78th Scientific Session, American Heart Association (AHA), 13-16<sup>th</sup> November 2005, Dallas, USA.  
Invited Speaker – “Learning From the Bristol Affair”.
- 2006 Forefronts In Nephrology. 16-19<sup>th</sup> March 2006, Palisades, New York, USA.  
Invited Speaker- “Clinical markers of Endothelial Dysfunction: Vessel wall function measurement”.
- 2006 Cardiology in the Young. 19-22<sup>nd</sup> April 2006. Institute Of Child Health, London, UK.  
Invited Speaker-“The Fontan Circulation: Lessons from Follow-Up”.
- 2006 British Cardiac Society Annual Meeting. 24-26<sup>th</sup> April 2006. Glasgow, UK.  
Invited speaker - “How to assess endothelial function”.
- 2006 Controversies in Cardiology, 18<sup>th</sup> May 2006, Bern, Switzerland.  
Invited Speaker - “Primary prevention of cardiovascular disease: Drugs are the backbone”.
- 2006 Cardiovascular Markers, 19<sup>th</sup> May 2006, RSM, London, UK.  
Invited Speaker – “Endothelial dysfunction in assessment of CHD risk”.
- 2006 Workshop on Innovations in Vascular Biology and Atherosclerosis, 25-27<sup>th</sup> May 2006, Hannover, Germany.  
Invited Speaker – “Infection, Inflammation and Atherogenesis – The clinicians view”.
- 2006 21<sup>st</sup> Annual Caribbean Cardiac Society Conference, 19-22<sup>nd</sup> July 2006, Montego Bay, Jamaica.  
Invited Speaker – “The impact of adult congenital heart disease” and “The childhood origins of adult heart disease”.
- 2006 World Congress of Cardiology, 2-6<sup>th</sup> September 2006, Barcelona, Spain.  
Invited Speaker – “Burning questions in adult congenital cardiac disease” and “Endothelial dysfunction as a marker of atherosclerosis”
- 2006 Congenital Heart Disease in the Adult 25-27<sup>th</sup> September 2006, Royal College of Surgeons, London UK.  
Invited Speaker – “Endothelial dysfunction and CHD”

#### **MAJOR VISITING APPOINTMENTS/NAMED LECTURES**

- 1985 Louise von Hess Foundation Symposium, Philadelphia

- “A new picture of ischemic heart disease based on observations out of hospital”
- 1996 Emory University, Atlanta  
Visiting Professor, Division of Cardiology
- 1997 Lord Rayner Lecture February 1997. Royal College of Physicians, London  
“Childhood origins of adult vascular disease”
- 2000 *Invited speaker:* Presidential Plenary Session/Simon Dack Lecture. “The child is the father of the man: managing lifetime risk of coronary artery disease”. 49<sup>th</sup> Annual Scientific Session of the American College of Cardiology, 13<sup>th</sup> March, Anaheim, California
- 2001 Visiting Professor, Columbia University, New York  
“Childhood origins of adult heart disease”  
“Grown-Up congenital heart disease- management issues”
- 2003 Alf Wennevold’s Lecture, 25<sup>th</sup> March, Copenhagen  
“Congenital heart disease in adults- yesterday, today and tomorrow”
- 2003 Visiting Professor, 11-13<sup>th</sup> June, Brigham and Women’s hospital, Boston  
Cardiovascular Grand Rounds: “Managing coronary disease: investing in your arteries”
- 2004 Rose Weiss visiting Professorship, 8-9<sup>th</sup> January, Boston  
Medical Grand Rounds – Annual Rose Weiss Lecture: “Childhood Origins of Adult Heart Disease: Investing in your Arteries”  
Luncheon: “Congenital Heart Disease: What the Adult Cardiologist Needs to Know”
- 2004 Andrew Henderson Lecture, Cardiff, Wales  
“Endothelium in Atherosclerosis”

## MAJOR RESEARCH INTERESTS

1. Congenital heart disease
  - Arrhythmia
  - Long term outcome
  - Adult congenital heart disease
2. Preventative Cardiology
  - Endothelial function
  - Mechanisms of atherogenesis
3. Translational cardiovascular research

## PUBLICATIONS:

## Papers in peer review journals:

1. Daggett P, **Deanfield JE**, Moss F, Reynolds D. (1979) Severe hypernatraemia in adults. *British Medical Journal* **1**: 1177-80.
2. **Deanfield JE**, Daggett P, Harrison MJ. (1980) The role of autonomic neuropathy in diabetic foot ulceration. *Journal of Neurology Science* **47**(2): 203-10.
3. **Deanfield JE**, Leanage R, Stroobant J, Chrispin AR, Taylor JFN, Macartney FJ. (1980) Use of high kilovoltage filtered beam radiography for detection of bronchial situs in infants and young children. *British Heart Journal* **44**(5): 577-83.
4. **Deanfield JE**, McKenna WJ, Hallidie-Smith KA. (1980) Detection of late arrhythmia and conduction disturbance after correction of tetralogy of Fallot. *British Heart Journal* **44**(3): 577-83.
5. Doi YL, **Deanfield JE**, McKenna WJ, Dargie HJ, Oakley CM, Goodwin JF. (1980) Echocardiographic differentiation of hypertensive heart disease and hypertrophic cardiomyopathy. *British Heart Journal* **44**(4): 395-400.
6. Bull C, **Deanfield JE**, de Leval M, Stark J, Taylor JFN, Macartney FJ. (1981) Correction of isolated secundum atrial septal defect in infancy. *Archives of Disease in Childhood* **56**: 784-86.
7. **Deanfield JE**, Anderson RH, Macartney FJ. (1981) Aortic atresia with 'corrected transposition of the great arteries' (atrioventricular and ventriculoarterial discordance). *British Heart Journal* **46**(6): 683-86.
8. **Deanfield JE**, Chrispin AR. (1981) The investigation of chest disease in children by high kilovoltage filtered beam radiography. *British Journal of Radiology* **54**(646): 856-60.
9. **Deanfield JE**, Jonathan A, Fox KM. (1981) Pericardial complications of endocardial and epicardial pacing. *British Medical Journal* **283**: 635-36.
10. **Deanfield JE**, Jonathan A, Fox KM. (1981) Treatment of angina pectoris with propranolol: the harmful effects of cigarette smoking. *Cardiology* **68**(Suppl 2): 186-89.
11. **Deanfield JE**, Rees PG, Bull CM, de Leval M, Stark J, Macartney FJ, Taylor JFN. (1981) Formalin infiltration of ductus arteriosus in cyanotic congenital heart disease. *British Heart Journal* **45**(5): 573-76.
12. Fox KM, **Deanfield JE**, Jonathan A, Selwyn A. (1981) The dose-response effects of nifedipine on ST segment changes in exercise testing: preliminary studies. *Cardiology* **68**(Suppl 2): 209-12.
13. McKenna WJ, England D, Doi YL, **Deanfield JE**, Oakley CM, Goodwin JF. (1981) Arrhythmia in hypertrophic cardiomyopathy. I: influence on prognosis. *British Heart Journal* **46**(2): 168-72.



14. Smallhorn J, Tommasini G, **Deanfield JE**, Douglas J, Gibson D, Macartney FJ. (1981) Anatomical and functional assessment by echocardiography. *British Heart Journal* **45**: 527-34.
15. McKenna WJ, **Deanfield JE**, Faruqui A, England D, Oakley CM, Goodwin JF. (1981) Prognosis in hypertrophic cardiomyopathy: role of age and clinical, electrocardiographic and hemodynamic factors. *American Journal of Cardiology* **47**: 532-38.
16. **Deanfield JE**, Allison DM, Fox KM. (1982) Facial swelling: a complication of transvenous pacing. *Clinical Cardiology* **5**(4): 308-9.
17. **Deanfield JE**, Tommasini G, Anderson RH, Macartney FJ. (1982) Tricuspid atresia: analysis of coronary artery distribution and ventricular morphology. *British Heart Journal* **48**(5): 485-92.
18. Fox KM, **Deanfield JE**, Ribeiro P, England D, Wright C. (1982) Projection of ST segment changes onto the front of the chest. Practical implications for exercise testing and ambulatory monitoring. *British Heart Journal* **48**: 555-59.
19. McKenna WJ, Borggrefe M, England D, **Deanfield JE**, Oakley CM, Goodwin JF. (1982) The natural history of left ventricular hypertrophy in hypertrophic cardiomyopathy: an electrocardiographic study. *Circulation* **66**: 1233-40.
20. McKenna WJ, Harris L, **Deanfield JE**. (1982) Syncope in hypertrophic cardiomyopathy. *British Heart Journal* **47**: 177-79.
21. Stroobant J, Leanage R, **Deanfield JE**, Taylor JFN. (1982) Acute infective pericarditis in infancy. *Archives of Disease in Childhood* **57**: 73-74.
22. Savage C, **Deanfield JE**, Jung RT. (1982) Aortic aneurysm in a patient with longstanding hypothyroidism. *Postgraduate Medical Journal* **58**(685): 706-7.
23. Barter SJ, Steiner RE, Banks L, **Deanfield JE**, Maseri A. (1983) Computed tomography of the heart. Initial experience. *Clinical Radiology* **693-99**.
24. Daggett P, **Deanfield JE**, Moss. (1983) Neurological aspects of hyponatraemia. *Postgraduate Medical Journal* **58**: 737-40.
25. **Deanfield JE**, Davies G, Mongiadi F, Savage C, Selwyn AP, Fox KM. (1983) Factors influencing R wave amplitude in patients with ischaemic heart disease. *British Heart Journal* **49**(1): 8-14.
26. **Deanfield JE**, Ho S-Y, Anderson RH, McKenna WJ, Allwork SP, Halliday-Smith KA. (1983) Late sudden death after repair of tetralogy of Fallot: a clinico-pathological study. *Circulation* **67**(3): 626-31.
27. **Deanfield JE**, Maseri A, Selwyn AP, Ribeiro P, Chierchia S, Krikler S, Morgan M. (1983) Myocardial ischaemia during daily life in patients with stable angina: relation to symptoms and heart rate changes. *The Lancet* **2**(8353): 753-58.

28. **Deanfield JE**, Wright C, Fox KM. (1983) Treatment of angina pectoris with nifedipine: the importance of dose titration. *British Heart Journal* **38**: 1467-70.
29. Fox KM, **Deanfield JE**, Krikler S, Ribeiro P, Wright C. (1983) The influence of cigarette smoking on the medical treatment of angina. *Drugs* **24**(Suppl 2): 177-80.
30. Fox KM, Richards M, Jonathan A, **Deanfield JE**, Selwyn AP. (1983) Precordial electrocardiographic mapping in the identification of patients with left main stem narrowing. *International Journal of Cardiology* **3**: 315-27.
31. Shea M, **Deanfield JE**, de Landsheere C, Wilson R, Jonathan A, Kensett M, Selwyn A. (1983) Preliminary studies on the improvement in regional myocardial perfusion during ischaemia by isosorbide dinitrate. *British Journal of Clinical Practice* Symposium Suppl.: 53-56.
32. Surgrue D, Kamal S, **Deanfield JE**, McKenna WJ, Myers M, Watson I, Oakley C, Lavender P. (1983) Assessment of right ventricular function using peripheral vein infusion of krypton-81m. *British Journal of Radiology* **5**(669): 657-63.
33. Fox KM, **Deanfield JE**, Selwyn A, Krikler S, Wright C. (1983) Factors influencing the treatment of angina pectoris with Nifedipine. *Postgraduate Medical Journal* **59**(Suppl 2): 25-9.
34. **Deanfield JE**, McKenna WJ, Presbitero P, England D, Graham GR, Halliday-Smith K. (1984) Ventricular arrhythmia in unrepaired and repaired tetralogy of Fallot: relation to age, timing of repair and hemodynamic status. *British Heart Journal* **52**(1): 77-81.
35. **Deanfield JE**, Wright C, Krikler S, Ribeiro P, Fox KM. (1984) Cigarette smoking and the treatment of angina with propranolol, atenolol and nifedipine. *New England Journal of Medicine* **310**: 951-54.
36. Fox KM, **Deanfield JE**, Krikler S, Ribeiro P, Wright C. (1984) The interaction of cigarette smoking and  $\beta$ -adrenoceptor blockade. *British Journal of Clinical Pharmacology* **17**(Suppl 1): 92S-93S.
37. Wilson R, Shea M, de Landsheere C, Turton D, Brady F, **Deanfield JE**, Maseri A, Selwyn A. (1984) Validation of regional quantitation of myocardial blood flow in vivo using <sup>11</sup>C labelled human albumin microspheres and position emission tomography. *Circulation* **70**(4): 717-23.
38. Wyse RKH, Robinson PJ, **Deanfield JE**, Tunstall Pedoe DS, Macartney FJ. (1984) Use of continuous wave Doppler ultrasound velocimetry to assess severity of coarctation of the aorta by measurement of aortic flow velocities. *British Heart Journal* **52**(3): 278-83.
39. Robinson PJ, Wyse RKH, **Deanfield JE**, Franklin R, Macartney FJ. (1984) Continuous wave Doppler velocimetry as an adjunct to cross-sectional echocardiography in the diagnosis of critical left heart obstruction in neonates. *British Heart Journal* **52**(5): 552-56.
40. McKenna W, **Deanfield JE**. (1984) Hypertrophic cardiomyopathy. An important cause of sudden death. *Archives of Disease in Childhood* **59**: 971-75.

41. **Deanfield JE**, Ribeiro P, Oaley C, Krikler S, Selwyn A. (1984) Analysis of ST segment changes in normal subjects: implications for ambulatory monitoring in angina pectoris. *American Journal of Cardiology* **54**(10): 1321-25.
42. **Deanfield JE**, Shea M, Ribeiro P, de Landsheere C, Wilson R. (1984) Transient ST segment depression as a marker of myocardial ischemia during daily life. *American Journal of Cardiology* **54**(10): 1195-1200.
43. Ribeiro P, Shea M, **Deanfield JE**, Oakley C, Sapsford R, Jones T, Walesby R, Selwyn A. (1984) Different mechanisms for the relief of angina following coronary artery bypass surgery: physiological versus anatomical assessment. *British Heart Journal* **52**(5): 502-9.
44. **Deanfield JE**, Shea M, Kensett M, Horlock P, Wilson RA, de Lansheere C, Selwyn A. (1984) Silent myocardial ischaemia due to mental stress. *The Lancet* **2**(8410): 1001-5.
45. Chierchia S, Gallino A, Smith G, **Deanfield JE**, Morgan M, Croom M, Maseri A. (1984) Role of heart rate in pathophysiology of chronic stable angina. *The Lancet* **2**(8416): 1353-57.
46. Shea MJ, **Deanfield JE**, Wilson RA, de Landsheere CM, Jonathan A, Kensett M, Selwyn A. (1984) Effect of isosorbide dinitrate on regional myocardial ischemia assessed by positron tomography. *Vascular Medicine* **2**: 187-94.
47. **Deanfield JE**, McKenna W, Rowland E. (1985) Local abnormalities of right ventricular depolarisation after repair of tetralogy of Fallot: basis for ventricular arrhythmia. *American Journal of Cardiology* **55**: 522-25.
48. Ortiz E, Robinson PJ, **Deanfield JE**, Franklin R, Macartney FJ, Wyse RKH. (1985) Localisation of ventricular septal defects by simultaneous display of superimposed colour Doppler and cross sectional echocardiographic images. *British Heart Journal* **54**(1): 53-60.
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