

# Subject index

- acute coronary events**, Relation between blood pressure after an acute coronary event and subsequent cardiovascular risk, **555**
- acute coronary syndromes**, Impact of availability and use of coronary interventions on the prescription of aspirin and lipid lowering treatment after acute coronary syndromes, **20**  
Increased plasma concentrations of interleukin-18 in acute coronary syndromes, **467**  
Patients with acute coronary syndrome should start a statin while still in hospital, **5**  
Role of echocardiography in acute coronary syndromes, **419**  
Use of secondary preventive drugs in patients with acute coronary syndromes treated medically or with coronary angioplasty: results from the nationwide French PREVENIR survey, **159**
- acute myocardial infarction**, Acute myocardial infarction: reperfusion treatment, **298**  
Improved prognosis of patients presenting with clinical markers of spontaneous reperfusion during acute myocardial infarction, **352**  
Management and outcome of patients with atrial fibrillation during acute myocardial infarction: the GUSTO-III experience, **357**  
Management of cardiogenic shock complicating acute myocardial infarction, **531**  
Measuring left ventricular volume and ejection fraction with the biplane Simpson's method, **559**  
Reversible left ventricular dysfunction simulating a myocardial infarction after pericardiectomy, **183**
- adenosine**, Does adenosine prevent myocardial microcirculation following percutaneous coronary intervention? The ADELIN pilot trial, **293**
- adherence**, Adherence to statin treatment and readmission of patients after myocardial infarction: a six year follow up study, **229**
- adolescence**, Sudden death in children and adolescents, **426**
- adrenergic innervation**, Assessment of myocardial adrenergic innervation in patients with sick sinus syndrome: effect of asynchronous ventricular activation from ventricular apical stimulation, **255**  
Imaging of cardiac adrenergic innervation, **209**
- adults**, Quality of life in adults with congenital heart disease, **71**
- age at operation**, Surgical closure of atrial septal defects in adults: effect of age at operation on outcome, **485**
- aging**, Impact of age and sex on sudden cardiovascular death following myocardial infarction, **573**  
The pNNx files: re-examining a widely used heart rate variability measure, **378**
- alcohol**, Relations between alcohol consumption, heart rate, and heart rate variability in men, **641**
- aldosterone blockade**, Increasing plasma potassium with amiloride shortens the QT interval and reduces ventricular extrasystoles but does not change endothelial function or heart rate variability in chronic heart failure, **475**
- Amplatzer septal occluder**, Prospective comparison of costs and short term health outcomes of surgical versus device closure of atrial septal defect in children, **67**
- amyloidosis**, Widespread cardiovascular autonomic dysfunction in primary amyloidosis: does spontaneous hyperventilation have a compensatory role against postural hypotension?, **615**
- angina**, Antiarrhythmic and anti-ischaemic effects of angina in patients with and without coronary collaterals, **604**  
Improved prognosis of patients presenting with clinical markers of spontaneous reperfusion during acute myocardial infarction, **352**
- angiography**, Utilisation of coronary angiography after acute myocardial infarction in Ontario over time: have referral patterns changed?, **460**
- angioplasty**, Acute myocardial infarction: reperfusion treatment, **298**  
Angioplasty, bypass surgery or medical treatment: how should we decide?, **451**  
Clinical and angiographic outcome after conventional angioplasty with optional stent implantation compared with direct stenting without predilatation, **622**  
Clinical outcomes of patients with diabetes mellitus and acute myocardial infarction treated with primary angioplasty or fibrinolysis, **260**
- angiotensin converting enzyme inhibitors**, Cardiac remodelling in end stage heart failure: upregulation of matrix metalloproteinase (MMP) irrespective of the underlying disease, and evidence for a direct inhibitory effect of ACE inhibitors on MMP, **525**  
Contemporary management of heart failure in clinical practice, **ii5**  
Heart failure in 10 years time: focus on pharmacological treatment, **ii40**
- anisotropy**, The terminal crest: morphological features relevant to electrophysiology, **406**
- anthracycline**, Evaluation of long term cardiotoxicity after epirubicin containing adjuvant chemotherapy and locoregional radiotherapy for breast cancer using various detection techniques, **81**  
Heart failure in the young, **198**
- antiarrhythmic drugs**, Congenital junctional ectopic tachycardia in children and adolescents: a 20 year experience based study, **188**
- anti-arrhythmic drugs**, Treatment of atrial fibrillation, **432**
- antiarrhythmic treatment**, Management and outcome of patients with atrial fibrillation during acute myocardial infarction: the GUSTO-III experience, **357**
- aortic dissection**, Endovascular stent repair for a dissecting thoracoabdominal aneurysm is feasible in the setting of a district general hospital: a multidisciplinary approach, **e4**  
Variable seasonal peaks for different types of aortic dissection?, **640**
- aortic pressure waveform**, Quantification of glyceryl trinitrate effect through analysis of the synthesised ascending aortic pressure waveform, **143**
- aortic regurgitation**, Effect of load alterations on the effective regurgitant orifice area in chronic aortic regurgitation, **397**
- aortic root dilatation**, Management of Marfan syndrome, **97**
- aortic stenosis**, Calcification of bicuspid aortic valves, **321**
- aortic valve stenosis**, T lymphocyte infiltration in non-rheumatic aortic stenosis: a comparative descriptive study between tricuspid and bicuspid aortic valves, **348**
- aortic valve**, Doppler echocardiographic assessment of valvar regurgitation, **651**
- aortoseptal angle**, Rheology of discrete subaortic stenosis, **335**
- apolipoprotein E**, Long term efficacy and safety of atorvastatin in the treatment of severe type III and combined dyslipidaemia, **234**
- apoptosis**, Heart failure in the young, **198**
- arrhythmia**, Antiarrhythmic and anti-ischaemic effects of angina in patients with and without coronary collaterals, **604**  
Role of echocardiography in the evaluation of syncope: a prospective study, **363**  
Sudden death in children and adolescents, **426**
- arteriosclerotic renal artery stenosis**, Arteriosclerotic renal artery stenosis: conservative versus interventional management, **193**
- aspirin**, Antiplatelet treatment in unstable angina: aspirin, clopidogrel, glycoprotein IIb/IIIa antagonist, or all three?, **11**  
Impact of availability and use of coronary interventions on the prescription of aspirin and lipid lowering treatment after acute coronary syndromes, **20**
- atheroma core formation**, The erythrocyte: a new player in atheromatous core formation, **115**
- atherosclerosis**, Preventing clinical heart failure: the rationale and scientific evidence, **ii15**
- atherosclerotic disease**, The erythrocyte: a new player in atheromatous core formation, **115**
- atorvastatin**, Long term efficacy and safety of atorvastatin in the treatment of severe type III and combined dyslipidaemia, **234**
- atrial based pacing**, New insights into onset mechanisms of atrial fibrillation and flutter after coronary artery bypass graft surgery, **499**
- atrial fibrillation**, Management and outcome of patients with atrial fibrillation during acute myocardial infarction: the GUSTO-III experience, **357**  
New insights into onset mechanisms of atrial fibrillation and flutter after coronary artery bypass graft surgery, **499**  
Preload-adjusted maximal power: a novel index of left ventricular contractility in atrial fibrillation, **170**  
Treatment of atrial fibrillation, **432**
- atrial flutter**, New insights into onset mechanisms of atrial fibrillation and flutter after coronary artery bypass graft surgery, **499**
- atrial natriuretic peptide**, Plasma concentrations of N-terminal atrial natriuretic peptide are raised in asymptomatic relatives of dilated cardiomyopathy patients with left ventricular enlargement, **191**
- atrial septal defect**, Non-invasive automated assessment of the ratio of pulmonary to systemic flow in patients with atrial septal defects by the colour Doppler velocity profile integration method, **278**  
Prospective comparison of costs and short term health outcomes of surgical versus device closure of atrial septal defect in children, **67**  
Sinus venosus syndrome: atrial septal defect or anomalous venous connection? A multiplane transoesophageal approach, **634**

- Surgical closure of atrial septal defects in adults: effect of age at operation on outcome, **485**
- atrial septum**, Development and structure of the atrial septum, **104**
- atrium**, The terminal crest: morphological features relevant to electrophysiology, **406**
- automated measurement**, Automated quantification of aortic regurgitant volume and regurgitant fraction using the digital colour Doppler velocity profile integration method in patients with aortic regurgitation, **481**
- autonomic function**, Relations between alcohol consumption, heart rate, and heart rate variability in men, **641**
- autonomic nervous system**, The pNNx files: re-examining a widely used heart rate variability measure, **378**
- baroreceptor sensitivity**, Arterial endothelial function is impaired in treated depression, **521**
- baroreceptor**, Intensive statin treatment improves baroreflex sensitivity: another cardioprotective mechanism for statins?, **415**
- bicuspid aortic valves**, Calcification of bicuspid aortic valves, **321**
- bilateral internal mammary artery grafting**, Bilateral internal mammary artery grafting: are BIMA better?, **7**
- biplane Simpson's method**, Measuring left ventricular volume and ejection fraction with the biplane Simpson's method, **559**
- bisoprolol**,  $\beta$  Blockers in older persons with heart failure: tolerability and impact on quality of life, **611**
- blood pressure**, Prevalence of hypertension in children after early repair of coarctation of the aorta: a cohort study using casual and 24 hour blood pressure measurement, **163**  
Relation between blood pressure after an acute coronary event and subsequent cardiovascular risk, **555**
- brachial artery ultrasound**, A rapid and reproducible on line automated technique to determine endothelial function, **289**
- brain natriuretic peptide**, ECG determinants in adult patients with chronic right ventricular pressure overload caused by congenital heart disease: relation with plasma neurohormones and MRI parameters, **266**  
Heart failure: aetiology, diagnosis, and treatment, **567**  
Serum cardiac troponin T and plasma brain natriuretic peptide in patients with cardiac decompensation, **647**
- breast cancer**, Evaluation of long term cardiotoxicity after epirubicin containing adjuvant chemotherapy and locoregional radiotherapy for breast cancer using various detection techniques, **81**
- calcification**, Calcification of bicuspid aortic valves, **321**
- cardiac arrest**, Characteristics and outcome among patients having out of hospital cardiac arrest at home compared with elsewhere, **579**
- cardiac catheterisation**, Coil occlusion of systemic venous collaterals in hypoplastic left heart syndrome, **167**
- cardiac decompensation**, Serum cardiac troponin T and plasma brain natriuretic peptide in patients with cardiac decompensation, **647**
- cardiac imaging**, Imaging of cardiac adrenergic innervation, **209**
- cardiac output**, Automated cardiac flow measurement by digital colour Doppler echocardiography, **211**
- cardiac remodelling**, Association between aldosterone synthase (CYP11B2) gene polymorphism and left ventricular volume in patients with dilated cardiomyopathy, **649**
- cardiac surgeons**, Why do UK cardiac surgeons not perform their first choice operation for coronary artery bypass graft?, **643**
- cardiac surgery**, Is early, low level, short term exercise cardiac rehabilitation following coronary bypass surgery beneficial? A randomised controlled trial, **83**
- cardiac syndrome X**, The complex link between brain and heart in cardiac syndrome X, **328**
- cardiac troponin I**, Myocardial infarction redefined: the new ACC/ESC definition, based on cardiac troponin, increases the apparent incidence of infarction, **343**
- cardiogenic shock**, Management of cardiogenic shock complicating acute myocardial infarction, **531**
- cardiomyopathy**, Relation between QT duration and maximal wall thickness in familial hypertrophic cardiomyopathy, **153**
- cardiopulmonary bypass**, Off-pump coronary artery bypass surgery, **313**
- cardiopulmonary resuscitation**, Characteristics and outcome among patients having out of hospital cardiac arrest at home compared with elsewhere, **579**
- cardiotoxicity**, Evaluation of long term cardiotoxicity after epirubicin containing adjuvant chemotherapy and locoregional radiotherapy for breast cancer using various detection techniques, **81**
- cardiovascular disease**, Cardiovascular and coronary risk estimation in hypertension management, **306**
- cardiovascular risk**, Relation between blood pressure after an acute coronary event and subsequent cardiovascular risk, **555**
- carotid artery disease**, Carotid artery stenting in the first 100 consecutive patients: results and follow up, **381**
- carotid stenting**, Carotid artery stenting in the first 100 consecutive patients: results and follow up, **381**
- catheter ablation**, The terminal crest: morphological features relevant to electrophysiology, **406**
- cerebrovascular diseases**, Trends in mortality from cardiovascular and cerebrovascular diseases in Europe and other areas of the world, **119**
- chemotherapy**, Evaluation of long term cardiotoxicity after epirubicin containing adjuvant chemotherapy and locoregional radiotherapy for breast cancer using various detection techniques, **81**
- chest pain**, Continuous left hemidiaphragm sign revisited: a case of spontaneous pneumopericardium and literature review, **e5**  
The complex link between brain and heart in cardiac syndrome X, **328**
- childhood**, Sudden death in children and adolescents, **426**
- children**, Various reasons for repeat dilatation of stented pulmonary arteries in paediatric patients, **505**
- chronic heart failure**, Increasing plasma potassium with amiloride shortens the QT interval and reduces ventricular extrasystoles but does not change endothelial function or heart rate variability in chronic heart failure, **475**
- classification systems**, Changing the diagnostic criteria for myocardial infarction in patients with a suspected heart attack affects the measurement of 30 day mortality but not long term survival, **337**
- clinical practice**, Contemporary management of heart failure in clinical practice, **ii5**
- clinical trials**, Best practice: evidence from the clinical trials, **ii2**
- clopidogrel**, Antiplatelet treatment in unstable angina: aspirin, clopidogrel, glycoprotein IIb/IIIa antagonist, or all three?, **11**
- coarctation of the aorta**, Prevalence of hypertension in children after early repair of coarctation of the aorta: a cohort study using casual and 24 hour blood pressure measurement, **163**  
Survivors of coarctation repair: fixed but not cured, **113**
- congenital heart defects**, Improving the effectiveness of routine prenatal screening for major congenital heart defects, **387**
- coil occlusion**, Coil occlusion of systemic venous collaterals in hypoplastic left heart syndrome, **167**
- collateral circulation**, Antiarrhythmic and anti-ischaemic effects of angina in patients with and without coronary collaterals, **604**  
Regional left ventricular function during transient coronary occlusion: relation with coronary collateral flow, **35**
- colour Doppler**, Automated cardiac flow measurement by digital colour Doppler echocardiography, **211**  
Non-invasive automated assessment of the ratio of pulmonary to systemic flow in patients with atrial septal defects by the colour Doppler velocity profile integration method, **278**
- congenital heart disease**, ECG determinants in adult patients with chronic right ventricular pressure overload caused by congenital heart disease: relation with plasma neurohormones and MRI parameters, **266**  
ECG predictors of ventricular arrhythmias and biventricular size and wall mass in tetralogy of Fallot with pulmonary regurgitation, **515**  
Fifth report on the provision of services for patients with heart disease, **iii1**  
Grown-up congenital heart (GUCH) disease: current needs and provision of service for adolescents and adults with congenital heart disease in the UK, **i1**  
Influence of twin-twin transfusion syndrome on fetal cardiovascular structure and function: prospective case-control study of 136 monozygotic twin pregnancies, **271**  
Quality of life in adults with congenital heart disease, **71**  
Sinus venosus syndrome: atrial septal defect or anomalous venous connection? A multiplane transoesophageal approach, **634**  
Vessel stenosis versus "streamlining", **445**
- congenital junctional ectopic tachycardia**, Congenital junctional ectopic tachycardia in children and adolescents: a 20 year experience based study, **188**
- congestive heart failure**, Clinical characteristics and prognosis of hospitalised inpatients with heart failure and preserved or reduced left ventricular ejection fraction, **249**  
Exercise testing in the assessment of chronic congestive heart failure, **538**  
Reversible left ventricular dysfunction simulating a myocardial infarction after pericardiectomy, **183**  
The pNNx files: re-examining a widely used heart rate variability measure, **378**
- contractility**, Preload-adjusted maximal power: a novel index of left ventricular contractility in atrial fibrillation, **170**
- coronary angioplasty**, Use of secondary preventive drugs in patients with acute coronary syndromes treated medically or with coronary angioplasty: results from the nationwide French PREVENIR survey, **159**
- coronary artery bypass graft**, Angioplasty, bypass surgery or medical treatment: how should we decide?, **451**  
A standard from the classical period, **449**  
Bilateral internal mammary artery grafting: are BIMA better?, **7**  
Is early, low level, short term exercise cardiac rehabilitation following coronary bypass surgery beneficial? A randomised controlled trial, **83**  
Mortality and recurrent cardiac events after coronary artery bypass graft: long term outcomes in a population study, **488**

- New insights into onset mechanisms of atrial fibrillation and flutter after coronary artery bypass graft surgery, **499**
- Why do UK cardiac surgeons not perform their first choice operation for coronary artery bypass graft?, **643**
- coronary artery disease**, Angioplasty, bypass surgery or medical treatment: how should we decide?, **451**
- Changes in transmural distribution of myocardial perfusion assessed by quantitative intravenous myocardial contrast echocardiography in humans, **368**
- Depression, stress, and the heart, **441**
- Non-invasive coronary angiography with multislice spiral computed tomography: impact of heart rate, **470**
- Preventing clinical heart failure: the rationale and scientific evidence, **ii15**
- Seasonality of coronary artery deaths in New South Wales, Australia, **30**
- Understanding coronary artery disease: tomographic imaging with intravascular ultrasound, **91**
- coronary circulation**, New applications of intracardiac echocardiography: assessment of coronary blood flow by colour and pulsed Doppler imaging in dogs, **283**
- Regional left ventricular function during transient coronary occlusion: relation with coronary collateral flow, **35**
- coronary disease**, Population need for coronary revascularisation: are national targets for England credible?, **627**
- coronary flow velocity reserve**, Can coronary flow velocity reserve determined by transthoracic Doppler echocardiography predict the recovery of regional left ventricular function in patients with acute myocardial infarction?, **137**
- coronary heart disease**, Arterial endothelial function is impaired in treated depression, **521**
- Cardiovascular and coronary risk estimation in hypertension management, **306**
- Fifth report on the provision of services for patients with heart disease, **iii1**
- Low prevalence of lipid lowering drug use in older men with established coronary heart disease, **25**
- Prediction of mortality from coronary heart disease among diverse populations: is there a common predictive function?, **222**
- Preventing clinical heart failure: the rationale and scientific evidence, **ii15**
- Prospective analysis of the association of infection with CagA bearing strains of *Helicobacter pylori* and coronary heart disease, **43**
- The economic burden of coronary heart disease in the UK, **597**
- Trends in mortality from cardiovascular and cerebrovascular diseases in Europe and other areas of the world, **119**
- Use of statins in the secondary prevention of coronary heart disease: is treatment equitable?, **15**
- coronary revascularisation**, Population need for coronary revascularisation: are national targets for England credible?, **627**
- coronary rupture**, Coronary artery perforation during percutaneous intervention: incidence and outcome, **495**
- coronary stenosis**, Long term follow up after deferral of revascularisation in patients with intermediate coronary stenoses and negative dobutamine stress echocardiography, **645**
- coronary thrombosis**, Large intracoronary thrombi with good TIMI flow during acute myocardial infarction: four cases of successful aggressive medical management in patients without angiographically detectable coronary atherosclerosis, **e6**
- cost analysis**, Prospective comparison of costs and short term health outcomes of surgical versus device closure of atrial septal defect in children, **67**
- The economic burden of coronary heart disease in the UK, **597**
- CYP11B2 gene**, Association between aldosterone synthase (CYP11B2) gene polymorphism and left ventricular volume in patients with dilated cardiomyopathy, **649**
- DC cardioversion**, Physician administered sedation for DC cardioversion, **117**
- degenerative mitral valve disease**, Degenerative mitral valve disease with emphasis on mitral valve prolapse, **iv20**
- depression**, Arterial endothelial function is impaired in treated depression, **521**
- Depression, stress, and the heart, **441**
- device closure**, Use of the transeptal puncture in transcatheter closure of long tunnel-type patent foramen ovale, **e3**
- diabetes**, Clinical outcomes of patients with diabetes mellitus and acute myocardial infarction treated with primary angioplasty or fibrinolysis, **260**
- diabetics**, Percutaneous coronary intervention in diabetics: time to consider "intimal remodelling therapy"?, **213**
- diagnosis of heart failure**, Unmet need for diagnosis of heart failure: the view from primary care, **ii9**
- digital**, Automated cardiac flow measurement by digital colour Doppler echocardiography, **211**
- dilated cardiomyopathy**, Association between aldosterone synthase (CYP11B2) gene polymorphism and left ventricular volume in patients with dilated cardiomyopathy, **649**
- Heart failure: aetiology, diagnosis, and treatment, **567**
- Heart failure in the young, **198**
- Identification of a specific pattern of downregulation in expression of isoforms of vascular endothelial growth factor in dilated cardiomyopathy, **412**
- Plasma concentrations of N-terminal atrial natriuretic peptide are raised in asymptomatic relatives of dilated cardiomyopathy patients with left ventricular enlargement, **191**
- dispersion of repolarisation**, Physiological changes in ventricular filling alter cardiac electrophysiology in patients with abnormal ventricular function, **149**
- dobutamine stress echocardiography**, Long term follow up after deferral of revascularisation in patients with intermediate coronary stenoses and negative dobutamine stress echocardiography, **645**
- Doppler echocardiography**, Doppler echocardiographic assessment of valvar regurgitation, **651**
- New applications of intracardiac echocardiography: assessment of coronary blood flow by colour and pulsed Doppler imaging in dogs, **283**
- Quantitation of mitral regurgitation: rationale, approach, and interpretation in clinical practice, **iv1**
- double outlet right ventricle**, Rheology of discrete subaortic stenosis, **335**
- drug treatment**, Heart failure in 10 years time: focus on pharmacological treatment, **ii40**
- ECG parameters**, ECG determinants in adult patients with chronic right ventricular pressure overload caused by congenital heart disease: relation with plasma neurohormones and MRI parameters, **266**
- echocardiography**, Automated quantification of aortic regurgitant volume and regurgitant fraction using the digital colour Doppler velocity profile integration method in patients with aortic regurgitation, **481**
- Early prediction of improvement in ejection fraction after acute myocardial infarction using low dose dobutamine echocardiography, **592**
- Improving the effectiveness of routine prenatal screening for major congenital heart defects, **387**
- Incremental changes in QRS duration in serial ECGs over time identify high risk elderly patients with heart failure, **47**
- Measuring left ventricular volume and ejection fraction with the biplane Simpson's method, **559**
- Non-invasive automated assessment of the ratio of pulmonary to systemic flow in patients with atrial septal defects by the colour Doppler velocity profile integration method, **278**
- Relation between early mitral regurgitation and left ventricular thrombus formation after acute myocardial infarction: results of the GISSI-3 echo substudy, **131**
- Role of echocardiography in acute coronary syndromes, **419**
- Role of echocardiography in the evaluation of syncope: a prospective study, **363**
- Screening for left ventricular dysfunction: a step too far?, **ii12**
- Variable seasonal peaks for different types of aortic dissection?, **640**
- elderly**, Incremental changes in QRS duration in serial ECGs over time identify high risk elderly patients with heart failure, **47**
- Perindopril improves six minute walking distance in older patients with left ventricular systolic dysfunction: a randomised double blind placebo controlled trial, **373**
- electrocardiogram**, Reversible left ventricular dysfunction simulating a myocardial infarction after pericardiectomy, **183**
- electrocardiography**, Incremental changes in QRS duration in serial ECGs over time identify high risk elderly patients with heart failure, **47**
- electrophysiology**, The terminal crest: morphological features relevant to electrophysiology, **406**
- enalapril**, Effects of combined treatment with enalapril and losartan on myocardial function in heart failure, **185**
- endothelial function**, A rapid and reproducible on line automated technique to determine endothelial function, **289**
- Arterial endothelial function is impaired in treated depression, **521**
- Increasing plasma potassium with amiloride shortens the QT interval and reduces ventricular extrasystoles but does not change endothelial function or heart rate variability in chronic heart failure, **475**
- endovascular repair**, Endovascular stent repair for a dissecting thoracoabdominal aneurysm is feasible in the setting of a district general hospital: a multidisciplinary approach, **e4**
- epidemiology**, Myocardial infarction redefined: the new ACC/ESC definition, based on cardiac troponin, increases the apparent incidence of infarction, **343**
- erythrocyte**, The erythrocyte: a new player in atheromatous core formation, **115**
- exercise testing**, Exercise testing in the assessment of chronic congestive heart failure, **538**
- Ventilatory variables are strong prognostic markers in elderly patients with heart failure, **239**
- exercise**, Does lung diffusion impairment affect exercise capacity in patients with heart failure?, **453**

- familial dysbetalipoproteinaemia**, Long term efficacy and safety of atorvastatin in the treatment of severe type III and combined dyslipidaemia, **234**
- fetal echocardiography**, Influence of twin-twin transfusion syndrome on fetal cardiovascular structure and function: prospective case-control study of 136 mono chorionic twin pregnancies, **271**
- fetal screening**, Improving the effectiveness of routine prenatal screening for major congenital heart defects, **387**
- fibrillin 1 mutation**, Management of Marfan syndrome, **97**
- fibrinolysis**, Acute myocardial infarction: reperfusion treatment, **298**  
Clinical outcomes of patients with diabetes mellitus and acute myocardial infarction treated with primary angioplasty or fibrinolysis, **260**
- flow mediated dilatation**, A rapid and reproducible on line automated technique to determine endothelial function, **289**
- flow volume**, Automated quantification of aortic regurgitant volume and regurgitant fraction using the digital colour Doppler velocity profile integration method in patients with aortic regurgitation, **481**
- β blockers** β Blockers in older persons with heart failure: tolerability and impact on quality of life, **611**  
Contemporary management of heart failure in clinical practice, **ii5**  
Heart failure in 10 years time: focus on pharmacological treatment, **ii40**
- genetics**, Relation between QT duration and maximal wall thickness in familial hypertrophic cardiomyopathy, **153**
- Glenn shunt**, The mechanism of formation of pulmonary arteriovenous malformations associated with the classic Glenn shunt (superior cavopulmonary anastomosis), **639**
- glycophorin**, Plaque composition in plexogenic and thromboembolic pulmonary hypertension: the critical role of thrombotic material in pultaceous core formation, **177**
- glycoprotein IIb/IIIa antagonist**, Antiplatelet treatment in unstable angina: aspirin, clopidogrel, glycoprotein IIb/IIIa antagonist, or all three?, **11**  
Transfer for primary angioplasty: who and how?, **570**
- glyceryl trinitrate**, Quantification of glyceryl trinitrate effect through analysis of the synthesised ascending aortic pressure waveform, **143**
- grown-up congenital heart disease**, Grown-up congenital heart (GUCH) disease: current needs and provision of service for adolescents and adults with congenital heart disease in the UK, **i1**
- GUCH**, Grown-up congenital heart (GUCH) disease: current needs and provision of service for adolescents and adults with congenital heart disease in the UK, **i1**
- haemodynamics**, A new, simple, and accurate method for non-invasive estimation of pulmonary arterial pressure, **76**  
Automated cardiac flow measurement by digital colour Doppler echocardiography, **211**
- health care costs**, The economic burden of coronary heart disease in the UK, **597**
- heart disease**, Fifth report on the provision of services for patients with heart disease, **iii1**
- health policy**, Utilisation of coronary angiography after acute myocardial infarction in Ontario over time: have referral patterns changed?, **460**
- heart failure clinic**, Across the interface: the Hastings Heart Function Clinic, **ii23**
- heart failure, prognosis**, Prognostic importance of right ventricular dysfunction, **323**
- heart failure**, Best practice: evidence from the clinical trials, **ii2**  
Cardiac remodelling in end stage heart failure: upregulation of matrix metalloproteinase (MMP) irrespective of the underlying disease, and evidence for a direct inhibitory effect of ACE inhibitors on MMP, **525**  
Congenital junctional ectopic tachycardia in children and adolescents: a 20 year experience based study, **188**  
Contemporary management of heart failure in clinical practice, **ii5**  
Does lung diffusion impairment affect exercise capacity in patients with heart failure?, **453**  
Dying from heart failure in hospital: palliative decision making analysis, **187**  
Effects of combined treatment with enalapril and losartan on myocardial function in heart failure, **185**  
Effects of perindopril on soluble intercellular adhesion molecule-1 in patients with congestive heart failure, **417**  
β Blockers in older persons with heart failure: tolerability and impact on quality of life, **611**  
Fifth report on the provision of services for patients with heart disease, **iii1**  
Heart failure: across the interface and beyond, **ii28**  
Heart failure: aetiology, diagnosis, and treatment, **567**  
Heart failure in 10 years time: focus on pharmacological treatment, **ii40**  
Heart failure in the young, **198**  
Incremental changes in QRS duration in serial ECGs over time identify high risk elderly patients with heart failure, **47**
- Living with and dying from heart failure: the role of palliative care, **ii36**
- Nitric oxide and myocardial function in heart failure: friend or foe?, **564**
- Perindopril improves six minute walking distance in older patients with left ventricular systolic dysfunction: a randomised double blind placebo controlled trial, **373**
- Prevalence of myocardial viability assessed by single photon emission computed tomography in patients with chronic ischaemic left ventricular dysfunction, **125**
- Preventing clinical heart failure: the rationale and scientific evidence, **ii15**  
Screening for left ventricular dysfunction: a step too far?, **ii12**  
The role of the specialist nurse, **ii33**  
Unmet need for diagnosis of heart failure: the view from primary care, **ii9**  
Ventilatory variables are strong prognostic markers in elderly patients with heart failure, **239**
- heart rate variability**, Relations between alcohol consumption, heart rate, and heart rate variability in men, **641**  
Widespread cardiovascular autonomic dysfunction in primary amyloidosis: does spontaneous hyperventilation have a compensatory role against postural hypotension?, **615**
- heart rate**, Non-invasive coronary angiography with multislice spiral computed tomography: impact of heart rate, **470**  
Relations between alcohol consumption, heart rate, and heart rate variability in men, **641**
- heart sounds**, A new, simple, and accurate method for non-invasive estimation of pulmonary arterial pressure, **76**
- Helicobacter pylori** Prospective analysis of the association of infection with CagA bearing strains of *Helicobacter pylori* and coronary heart disease, **43**
- heparin dosing**, Heparin dose during percutaneous coronary intervention: how low dare we go?, **331**
- hepatopulmonary syndrome**, Pathogenesis of pulmonary arteriovenous malformations: role of hepatopulmonary interactions, **561**
- home**, Characteristics and outcome among patients having out of hospital cardiac arrest at home compared with elsewhere, **579**
- hypercholesterolaemia**, Intensive statin treatment improves baroreflex sensitivity: another cardioprotective mechanism for statins?, **415**
- hypertension**, Arteriosclerotic renal artery stenosis: conservative versus interventional management, **193**  
Cardiovascular and coronary risk estimation in hypertension management, **306**  
Hypertension control at hospital discharge after acute coronary event: influence on cardiovascular prognosis—the PREVENIR study, **587**  
Prevalence of hypertension in children after early repair of coarctation of the aorta: a cohort study using casual and 24 hour blood pressure measurement, **163**  
Preventing clinical heart failure: the rationale and scientific evidence, **ii15**
- hypoplastic left heart syndrome**, Coil occlusion of systemic venous collaterals in hypoplastic left heart syndrome, **167**
- IL-18**, Increased plasma concentrations of interleukin-18 in acute coronary syndromes, **467**
- Images in cardiology**, Cyanosis, cor triatriatum, and primum atrial septal defect in an adult, **136**  
Diagnosis of a rare cause of arrhythmogenic syncope by means of an implantable loop recorder, **10**  
Imaging of massive pulmonary embolism, **111**  
A rare congenital coronary anomaly: anomalous origin of the right coronary artery from the pulmonary artery, **141**  
Acute effects of resynchronisation treatment on functional mitral regurgitation in dilated cardiomyopathy, **440**  
An unusual cause of mixed mitral valve disease, **560**  
An unusual image within the left atrium with UFO-like appearance on transoesophageal echocardiography, **633**  
Angiographic evidence of aberrant right subclavian artery associated with common carotid trunk, **158**  
Anomalous origin of left anterior descending and circumflex coronary artery from two separate ostia in the right aortic sinus, **322**  
Arrhythmogenic giant submural left ventricular diverticulum, **52**  
Atrial flutter with 1:1 conduction, **414**  
Atrio-auricular mechanical dissociation following electrical cardioversion for atrial fibrillation, **626**  
Autocapture stimulus simulating atrioventricular sequential pacing, **158**  
Bilateral origin of a split left anterior descending coronary artery combined with atypical branching of the left circumflex coronary artery, **70**  
Coarctation of the aorta with lower blood pressure at the right upper extremity, **498**  
Common atrium in a child with Ellis-Van Creveld syndrome, **142**  
Computed tomography of the aortic valve, **176**  
Congenital bilateral coronary fistulae, **75**

- Constrictive pericarditis caused by infiltration of non-Hodgkin's lymphoma, **148**
- Coronary occlusion caused by embolisation from a mass in the sinus of Valsalva, **614**
- Coronary thrombus in a 23 year old anabolic steroid user, **342**
- Coronary-pulmonary artery fistulae: blood flow pattern and effect on myocardial perfusion, **400**
- Crossed pulmonary arteries, ventricular septal defect, and chromosome 22q11 deletion, **88**
- Demonstration of supravalvular aortic stenosis by different cardiac imaging modalities in Williams syndrome, **438**
- Difficult haemostasis following diagnostic transfemoral angiogram caused by inadvertent puncture of the arteria profunda femoris, **215**
- Displacement of the heart caused by pulmonary agenesis, **277**
- Effect of coronary angioplasty on "stunned" myocardium, **142**
- Epsilon waves in a patient with arrhythmogenic right ventricular cardiomyopathy, **444**
- Exercise induced ST elevation and T wave alternans associated with critical disease of left anterior descending coronary artery, **438**
- Existence of muscles surrounding the persistent left superior vena cava demonstrated by electroanatomic mapping, **4**
- Fatal cardiac tamponade in a child due to rupture of a mycotic aneurysm, **89**
- Giant congenital aneurysm of the non-coronary sinus of Valsalva, **243**
- Giant left ventricular pseudoaneurysm following left ventricular rupture caused by myocardial infarction, **446**
- Imaginary aortic leaflets, **136**
- Imaging in aortoarteritis, **591**
- Intercoronary communication between the circumflex and right coronary arteries: distinct from coronary collaterals, **29**
- Intracellular cardiac amyloidosis in familial amyloid polyneuropathy of the Portuguese type, **90**
- Large thrombus entrapped in a patent foramen ovale of the atrial septum, which apparently "disappeared" without embolic events, **474**
- Left anterior descending and circumflex coronary artery spasm after right coronary artery stent implantation, **520**
- Lipomatous hypertrophy of the interatrial septum, **111**
- Magnetic resonance imaging of left atrial thrombus, **233**
- Microvascular obstruction and missed infarction, **330**
- Mycotic aneurysms of the pulmonary arteries, **524**
- Myocardial infarction and coronary thrombosis, **60**
- Narrowing of the thoraco-abdominal aorta, **192**
- Near-fatal arrhythmia caused by hyperkalaemia, **578**
- Non-paroxysmal junctional tachycardia with type I exit block, **288**
- Papillary fibroelastoma as a cause of cardioembolic stroke, **216**
- Postextrasystolic "T wave hump" augmentation as a marker of increased arrhythmogenic risk in the long QT syndrome, **633**
- Preoperative treatment with phenoxybenzamine restores ECG to normal in a woman with pheochromocytoma, **186**
- Pronounced PR depression, **638**
- Prosthetic valve dysfunction presenting as intermittent acute aortic regurgitation, **3**
- Pulmonary arteriovenous malformation and aortopulmonary collateral imaged by time resolved contrast enhanced magnetic resonance angiography, **292**
- Regression of HTLV I associated intracardiac lymphoma following chemotherapy, **621**
- Resolution of renal artery thrombus with direct administration of tissue plasminogen activator, **558**
- Right atrial lithomyxoma with extramedullary hematopoiesis, **10**
- Right coronary artery aneurysm diagnosed with multislice computed tomographic angiography, **327**
- Saphenous vein graft aneurysm presenting as an anterior mediastinal mass, **86**
- Separation of coronary ostium caused by pseudoaneurysm formation after composite valve graft replacement for acute dissection of the ascending aorta, **265**
- Spontaneous right coronary artery dissection, **130**
- ST segment monitoring of coronary reperfusion, **334**
- Subaortic stenosis caused by two discrete membranes, **459**
- Successful use of the Guardwire Plus distal embolisation protection device in a native left anterior descending coronary artery, **648**
- Supernormal conduction mimicking a supraventricular capture beat during wide complex tachycardia, **295**
- Thrombosis in the proximal pulmonary artery stump in a Fontan patient, **396**
- Thrombus after transcatheter closure of ASD with an Amplatzer septal occluder assessed by three dimensional echocardiographic reconstruction, **52**
- Torsades de pointes in Prinzmetal's variant angina, **494**
- Tumour feeding vessel in metastatic intracardiac mass demonstrated by transthoracic Doppler echocardiography, **216**
- Unruptured aneurysm of the sinus of Valsalva obstructing the right ventricular outflow tract: magnetic resonance imaging findings, **42**
- Unusual echocardiographic appearance of traumatic aortic dissection, **444**
- Use of intravascular ultrasound in evaluating coronary artery aneurysm, **466**
- Ventricular tachycardia as a presenting feature of dermatomyositis, **443**
- Visualisation of activation and repolarisation in congenital long QT syndrome, **190**
- Worm-shaped thrombus mimicking Chiari's network in a cocaine user, **4**
- Images in echocardiography**, Perforated mitral valve leaflet, **iv3**
- Stuck mitral valve replacement, **iv4**
- implantable cardioverter-defibrillator**, Patients with ventricular arrhythmias: who should be referred to an electrophysiologist?, **544**
- Treatment of atrial fibrillation, **432**
- in hospital initiation of treatment**, Patients with acute coronary syndrome should start a statin while still in hospital, **5**
- infective endocarditis**, Infective endocarditis: determinants of long term outcome, **61**
- Mortality from infective endocarditis: clinical predictors of outcome, **53**
- inflammation**, Increased plasma concentrations of interleukin-18 in acute coronary syndromes, **467**
- T lymphocyte infiltration in non-rheumatic aortic stenosis: a comparative descriptive study between tricuspid and bicuspid aortic valves, **348**
- intensive care**, Continuous left hemidiaphragm sign revisited: a case of spontaneous pneumopericardium and literature review, **e5**
- intercellular adhesion molecule-1**, Effects of perindopril on soluble intercellular adhesion molecule-1 in patients with congestive heart failure, **417**
- interleukin-18**, Increased circulating interleukin-18 in patients with congestive heart failure, **296**
- interleukin-18**, Increased plasma concentrations of interleukin-18 in acute coronary syndromes, **467**
- intimal remodelling therapy**, Percutaneous coronary intervention in diabetics: time to consider "intimal remodelling therapy"?, **213**
- intracardiac echocardiography**, New applications of intracardiac echocardiography: assessment of coronary blood flow by colour and pulsed Doppler imaging in dogs, **283**
- intravascular ultrasound**, Understanding coronary artery disease: tomographic imaging with intravascular ultrasound, **91**
- ischaemia**, Antiarrhythmic and anti-ischaemic effects of angina in patients with and without coronary collaterals, **604**
- late cardiac surgery**, Infective endocarditis: determinants of long term outcome, **61**
- left ventricular dysfunction**, Prevalence of myocardial viability assessed by single photon emission computed tomography in patients with chronic ischaemic left ventricular dysfunction, **125**
- Screening for left ventricular dysfunction: a step too far?, **ii12**
- left ventricular ejection fraction**, Measuring left ventricular volume and ejection fraction with the biplane Simpson's method, **559**
- left ventricular enlargement**, Plasma concentrations of N-terminal atrial natriuretic peptide are raised in asymptomatic relatives of dilated cardiomyopathy patients with left ventricular enlargement, **191**
- left ventricular impairment**, Patients with ventricular arrhythmias: who should be referred to an electrophysiologist?, **544**
- lipid lowering drugs**, Low prevalence of lipid lowering drug use in older men with established coronary heart disease, **25**
- Patients with acute coronary syndrome should start a statin while still in hospital, **5**
- lipid lowering treatment**, Impact of availability and use of coronary interventions on the prescription of aspirin and lipid lowering treatment after acute coronary syndromes, **20**
- load dependence**, Effect of load alterations on the effective regurgitant orifice area in chronic aortic regurgitation, **397**
- long term follow up**, Infective endocarditis: determinants of long term outcome, **61**
- long term outcome**, Surgical closure of atrial septal defects in adults: effect of age at operation on outcome, **485**
- losartan**, Effects of combined treatment with enalapril and losartan on myocardial function in heart failure, **185**
- lung function**, Does lung diffusion impairment affect exercise capacity in patients with heart failure?, **453**
- lymphocytes**, T lymphocyte infiltration in non-rheumatic aortic stenosis: a comparative descriptive study between tricuspid and bicuspid aortic valves, **348**
- magnetic resonance imaging**, ECG determinants in adult patients with chronic right ventricular pressure overload caused by congenital heart disease: relation with plasma neurohormones and MRI parameters, **266**
- management of heart failure**, Contemporary management of heart failure in clinical practice, **ii5**
- Marfan syndrome**, Management of Marfan syndrome, **97**

- matrix metalloproteinase**, Cardiac remodelling in end stage heart failure: upregulation of matrix metalloproteinase (MMP) irrespective of the underlying disease, and evidence for a direct inhibitory effect of ACE inhibitors on MMP, **525**
- mechanoelectric feedback**, Physiological changes in ventricular filling alter cardiac electrophysiology in patients with abnormal ventricular function, **149**
- medication effectiveness**, Effect of partial compliance on cardiovascular medication effectiveness, **203**
- mitral regurgitation**, Assessment of mitral regurgitation, **iv11**  
Quantitation of mitral regurgitation: rationale, approach, and interpretation in clinical practice, **iv1**
- mitral valve prolapse**, Degenerative mitral valve disease with emphasis on mitral valve prolapse, **iv20**
- mitral valve**, Anatomy of the mitral valve, **iv5**  
Doppler echocardiographic assessment of valvar regurgitation, **651**  
Relation between early mitral regurgitation and left ventricular thrombus formation after acute myocardial infarction: results of the GISSI-3 echo substudy, **131**
- models, theoretical**, Population need for coronary revascularisation: are national targets for England credible?, **627**
- monozygotic twins**, Influence of twin-twin transfusion syndrome on fetal cardiovascular structure and function: prospective case-control study of 136 monozygotic twin pregnancies, **271**
- mortality**, Mortality from infective endocarditis: clinical predictors of outcome, **53**  
Seasonality of coronary artery deaths in New South Wales, Australia, **30**  
Trends in mortality from cardiovascular and cerebrovascular diseases in Europe and other areas of the world, **119**
- myocardial anisotropy**, The right atrium as an anatomic set-up for re-entry: electrophysiology goes back to anatomy, **325**
- myocardial contrast echocardiography**, Role of echocardiography in acute coronary syndromes, **419**
- myocardial function**, Nitric oxide and myocardial function in heart failure: friend or foe?, **564**
- myocardial hypertrophy**, Relation between QT duration and maximal wall thickness in familial hypertrophic cardiomyopathy, **153**
- myocardial infarction**, Adherence to statin treatment and readmission of patients after myocardial infarction: a six year follow up study, **229**  
Changing the diagnostic criteria for myocardial infarction in patients with a suspected heart attack affects the measurement of 30 day mortality but not long term survival, **337**  
Clinical outcomes of patients with diabetes mellitus and acute myocardial infarction treated with primary angioplasty or fibrinolysis, **260**  
Early prediction of improvement in ejection fraction after acute myocardial infarction using low dose dobutamine echocardiography, **592**  
Hypertension control at hospital discharge after acute coronary event: influence on cardiovascular prognosis—the PREVENIR study, **587**  
Impact of age and sex on sudden cardiovascular death following myocardial infarction, **573**  
Impact of availability and use of coronary interventions on the prescription of aspirin and lipid lowering treatment after acute coronary syndromes, **20**  
Increased plasma concentrations of interleukin-18 in acute coronary syndromes, **467**  
Interaction between arrival time and thrombolytic treatment in determining early outcome of acute myocardial infarction, **583**  
Large intracoronary thrombi with good TIMI flow during acute myocardial infarction: four cases of successful aggressive medical management in patients without angiographically detectable coronary atherosclerosis, **e6**  
Myocardial infarction: redefined or reinvented?, **1**  
Myocardial infarction redefined: the new ACC/ESC definition, based on cardiac troponin, increases the apparent incidence of infarction, **343**  
Relation between early mitral regurgitation and left ventricular thrombus formation after acute myocardial infarction: results of the GISSI-3 echo substudy, **131**  
Utilisation of coronary angiography after acute myocardial infarction in Ontario over time: have referral patterns changed?, **460**
- myocardial necrosis**, Does adenosine prevent myocardial microvascular thrombosis following percutaneous coronary intervention? The ADELIN pilot trial, **293**
- myocardial viability**, Early prediction of improvement in ejection fraction after acute myocardial infarction using low dose dobutamine echocardiography, **592**  
Prevalence of myocardial viability assessed by single photon emission computed tomography in patients with chronic ischaemic left ventricular dysfunction, **125**
- myocarditis**, Heart failure in the young, **198**
- myotonic dystrophy**, Myotonic dystrophy and the heart, **665**
- natriuretic peptides**, Exercise testing in the assessment of chronic congestive heart failure, **538**
- needs assessment**, Population need for coronary revascularisation: are national targets for England credible?, **627**
- neonatal**, Endocardial and epicardial steroid lead pacing in the neonatal and paediatric age group, **392**
- nervous system**, New insights into the mechanism of neurally mediated syncope, **217**
- nitric oxide**, Intensive statin treatment improves baroreflex sensitivity: another cardioprotective mechanism for statins?, **415**  
Nitric oxide and myocardial function in heart failure: friend or foe?, **564**  
Pulmonary hypertension in the young, **658**
- noradrenaline**, Intensive statin treatment improves baroreflex sensitivity: another cardioprotective mechanism for statins?, **415**
- octogenarians**, Percutaneous coronary intervention in octogenarians with refractory angina, **85**
- off-pump bypass surgery**, Off-pump coronary artery bypass surgery, **313**
- old age,  $\beta$  Blockers** in older persons with heart failure: tolerability and impact on quality of life, **611**
- onset mechanisms**, New insights into onset mechanisms of atrial fibrillation and flutter after coronary artery bypass graft surgery, **499**
- outcomes**, Infective endocarditis: determinants of long term outcome, **61**  
Interaction between arrival time and thrombolytic treatment in determining early outcome of acute myocardial infarction, **583**  
Mortality and recurrent cardiac events after coronary artery bypass graft: long term outcomes in a population study, **488**  
Mortality from infective endocarditis: clinical predictors of outcome, **53**
- pacemaker**, Endocardial and epicardial steroid lead pacing in the neonatal and paediatric age group, **392**
- pacing**, Assessment of myocardial adrenergic innervation in patients with sick sinus syndrome: effect of asynchronous ventricular activation from ventricular apical stimulation, **255**
- paediatric**, Endocardial and epicardial steroid lead pacing in the neonatal and paediatric age group, **392**
- pain perception**, The complex link between brain and heart in cardiac syndrome X, **328**
- palliative care**, Dying from heart failure in hospital: palliative decision making analysis, **187**  
Living with and dying from heart failure: the role of palliative care, **ii36**
- patent ductus arteriosus**, Acquired von Willebrand syndrome in children with patent ductus arteriosus, **87**
- patent foramen ovale**, Use of the transseptal puncture in transcatheter closure of long tunnel-type patent foramen ovale, **e3**
- pathology**, T lymphocyte infiltration in non-rheumatic aortic stenosis: a comparative descriptive study between tricuspid and bicuspid aortic valves, **348**
- patient compliance**, Effect of partial compliance on cardiovascular medication effectiveness, **203**
- peak oxygen uptake**, Exercise testing in the assessment of chronic congestive heart failure, **538**
- percutaneous coronary intervention**, Does adenosine prevent myocardial microvascular thrombosis following percutaneous coronary intervention? The ADELIN pilot trial, **293**  
Heparin dose during percutaneous coronary intervention: how low dare we go?, **331**  
Percutaneous coronary intervention in diabetics: time to consider “infimal remodelling therapy”?, **213**  
Percutaneous coronary intervention in octogenarians with refractory angina, **85**
- percutaneous transluminal coronary bypass**, A standard from the classical period, **449**
- pericardial tamponade**, Coronary artery perforation during percutaneous intervention: incidence and outcome, **495**
- pericardiectomy**, Reversible left ventricular dysfunction simulating a myocardial infarction after pericardiectomy, **183**
- perindopril**, Effects of perindopril on soluble intercellular adhesion molecule-1 in patients with congestive heart failure, **417**  
Perindopril improves six minute walking distance in older patients with left ventricular systolic dysfunction: a randomised double blind placebo controlled trial, **373**
- persistent pulmonary hypertension of the newborn**, Pulmonary hypertension in the young, **658**
- physician administered sedation**, Physician administered sedation for DC cardioversion, **117**
- pneumopericardium**, Continuous left hemidiaphragm sign revisited: a case of spontaneous pneumopericardium and literature review, **e5**
- pNN50**, The pNNx files: re-examining a widely used heart rate variability measure, **378**
- polymorphism**, Association between aldosterone synthase (CYP11B2) gene polymorphism and left ventricular volume in patients with dilated cardiomyopathy, **649**

- population**, Mortality and recurrent cardiac events after coronary artery bypass graft: long term outcomes in a population study, **488**
- postural hypotension**, Widespread cardiovascular autonomic dysfunction in primary amyloidosis: does spontaneous hyperventilation have a compensatory role against postural hypotension?, **615**
- potassium**, Increasing plasma potassium with amiloride shortens the QT interval and reduces ventricular extrasystoles but does not change endothelial function or heart rate variability in chronic heart failure, **475**
- preload-adjusted maximal power**, Preload-adjusted maximal power: a novel index of left ventricular contractility in atrial fibrillation, **170**
- prenatal ultrasound**, Improving the effectiveness of routine prenatal screening for major congenital heart defects, **387**
- primary angioplasty**, Transfer for primary angioplasty: who and how?, **570**
- primary care**, Unmet need for diagnosis of heart failure: the view from primary care, **ii9**
- primary PTCA**, Large intracoronary thrombi with good TIMI flow during acute myocardial infarction: four cases of successful aggressive medical management in patients without angiographically detectable coronary atherosclerosis, **e6**
- primary pulmonary hypertension**, Pulmonary hypertension in the young, **658**
- prognosis**, Incremental changes in QRS duration in serial ECGs over time identify high risk elderly patients with heart failure, **47**  
Ventilatory variables are strong prognostic markers in elderly patients with heart failure, **239**
- prognostic factors**, Mortality from infective endocarditis: clinical predictors of outcome, **53**
- proximal convergence method**, Doppler echocardiographic assessment of valvar regurgitation, **651**
- pulmonary annulus diameter**, Influence of the pulmonary annulus diameter on pulmonary regurgitation and right ventricular pressure load after repair of tetralogy of Fallot, **510**
- pulmonary arteriovenous malformations**, Pathogenesis of pulmonary arteriovenous malformations: role of hepatopulmonary interactions, **561**  
The mechanism of formation of pulmonary arteriovenous malformations associated with the classic Glenn shunt (superior cavopulmonary anastomosis), **639**
- pulmonary artery**, Various reasons for repeat dilatation of stented pulmonary arteries in paediatric patients, **505**
- pulmonary hypertension**, A new, simple, and accurate method for non-invasive estimation of pulmonary arterial pressure, **76**  
Plaque composition in plexogenic and thromboembolic pulmonary hypertension: the critical role of thrombotic material in pultaceous core formation, **177**  
Pulmonary hypertension in the young, **658**
- pulmonary incompetence**, The unnatural history of tetralogy of Fallot: surgical repair is not as definitive as previously thought, **447**
- pulmonary regurgitation**, Influence of the pulmonary annulus diameter on pulmonary regurgitation and right ventricular pressure load after repair of tetralogy of Fallot, **510**
- pulmonary to systemic flow**, Non-invasive automated assessment of the ratio of pulmonary to systemic flow in patients with atrial septal defects by the colour Doppler velocity profile integration method, **278**
- pulmonary vascular obstructive disease**, Pulmonary hypertension in the young, **658**
- pulsed Doppler**, Assessment of right ventricular function with Doppler echocardiographic indices derived from tricuspid annular motion: comparison with radionuclide angiography, **244**
- pulsed waveform analysis**, Quantification of glyceryl trinitrate effect through analysis of the synthesised ascending aortic pressure waveform, **143**
- pultaceous core**, Plaque composition in plexogenic and thromboembolic pulmonary hypertension: the critical role of thrombotic material in pultaceous core formation, **177**
- QRS duration**, Incremental changes in QRS duration in serial ECGs over time identify high risk elderly patients with heart failure, **47**
- QT dispersion**, Physiological changes in ventricular filling alter cardiac electrophysiology in patients with abnormal ventricular function, **149**
- QT duration**, Relation between QT duration and maximal wall thickness in familial hypertrophic cardiomyopathy, **153**
- quality of life**, Perindopril improves six minute walking distance in older patients with left ventricular systolic dysfunction: a randomised double blind placebo controlled trial, **373**  
Quality of life in adults with congenital heart disease, **71**
- radionuclide angiography**, Assessment of right ventricular function with Doppler echocardiographic indices derived from tricuspid annular motion: comparison with radionuclide angiography, **244**
- rationing**, Use of statins in the secondary prevention of coronary heart disease: is treatment equitable?, **15**
- record linkage**, Mortality and recurrent cardiac events after coronary artery bypass graft: long term outcomes in a population study, **488**
- redilatation**, Various reasons for repeat dilatation of stented pulmonary arteries in paediatric patients, **505**
- refractory angina**, Percutaneous coronary intervention in octogenarians with refractory angina, **85**
- regional left ventricular function**, Can coronary flow velocity reserve determined by transthoracic Doppler echocardiography predict the recovery of regional left ventricular function in patients with acute myocardial infarction?, **137**
- regurgitant orifice area**, Effect of load alterations on the effective regurgitant orifice area in chronic aortic regurgitation, **397**
- remodelling**, Cardiac remodelling in end stage heart failure: upregulation of matrix metalloproteinase (MMP) irrespective of the underlying disease, and evidence for a direct inhibitory effect of ACE inhibitors on MMP, **525**
- renal artery stenosis**, Arteriosclerotic renal artery stenosis: conservative versus interventional management, **193**
- reperfusion**, Acute myocardial infarction: reperfusion treatment, **298**  
Improved prognosis of patients presenting with clinical markers of spontaneous reperfusion during acute myocardial infarction, **352**
- restenosis**, Clinical and angiographic outcome after conventional angioplasty with optional stent implantation compared with direct stenting without predilatation, **622**  
Vessel restenosis versus "streamlining", **445**
- revascularisation**, Percutaneous coronary intervention in diabetics: time to consider "intimal remodelling therapy"?, **213**
- right atrium**, The right atrium as an anatomic set-up for re-entry: electrophysiology goes back to anatomy, **325**
- right ventricle**, Prognostic importance of right ventricular dysfunction, **323**
- right ventricular ejection fraction**, Assessment of right ventricular function with Doppler echocardiographic indices derived from tricuspid annular motion: comparison with radionuclide angiography, **244**
- right ventricular pressure load**, Influence of the pulmonary annulus diameter on pulmonary regurgitation and right ventricular pressure load after repair of tetralogy of Fallot, **510**
- risk estimation**, Cardiovascular and coronary risk estimation in hypertension management, **306**
- risk factors**, Adherence to statin treatment and readmission of patients after myocardial infarction: a six year follow up study, **229**  
Prediction of mortality from coronary heart disease among diverse populations: is there a common predictive function?, **222**  
Prospective analysis of the association of infection with CagA bearing strains of *Helicobacter pylori* and coronary heart disease, **43**
- risk ordering**, Prediction of mortality from coronary heart disease among diverse populations: is there a common predictive function?, **222**
- risk stratification**, Role of echocardiography in the evaluation of syncope: a prospective study, **363**
- screening**, Screening for left ventricular dysfunction: a step too far?, **ii12**
- seasonal periodicity**, Variable seasonal peaks for different types of aortic dissection?, **640**
- seasonality**, Seasonality of coronary artery deaths in New South Wales, Australia, **30**
- secondary prevention**, Use of secondary preventive drugs in patients with acute coronary syndromes treated medically or with coronary angioplasty: results from the nationwide French PREVENIR survey, **159**  
Use of statins in the secondary prevention of coronary heart disease: is treatment equitable?, **15**
- severe combined dyslipidaemia**, Long term efficacy and safety of atorvastatin in the treatment of severe type III and combined dyslipidaemia, **234**
- sheep**, Preload-adjusted maximal power: a novel index of left ventricular contractility in atrial fibrillation, **170**
- sick sinus syndrome**, Assessment of myocardial adrenergic innervation in patients with sick sinus syndrome: effect of asynchronous ventricular activation from ventricular apical stimulation, **255**
- signal processing**, A new, simple, and accurate method for non-invasive estimation of pulmonary arterial pressure, **76**
- sinus rhythm**, Treatment of atrial fibrillation, **432**
- sinus venosus syndrome**, Sinus venosus syndrome: atrial septal defect or anomalous venous connection? A multiplane transoesophageal approach, **634**
- six minute walking distance**, Perindopril improves six minute walking distance in older patients with left ventricular systolic dysfunction: a randomised double blind placebo controlled trial, **373**

- socioeconomic status**, Utilisation of coronary angiography after acute myocardial infarction in Ontario over time: have referral patterns changed?, **460**
- specialist nurse**, The role of the specialist nurse, **ii33**
- spiral computed tomography**, Non-invasive coronary angiography with multislice spiral computed tomography: impact of heart rate, **470**
- statins**, Adherence to statin treatment and readmission of patients after myocardial infarction: a six year follow up study, **229**  
Low prevalence of lipid lowering drug use in older men with established coronary heart disease, **25**  
Patients with acute coronary syndrome should start a statin while still in hospital, **5**  
Use of statins in the secondary prevention of coronary heart disease: is treatment equitable?, **15**
- stent injury**, Coronary artery stretch versus deep injury in the development of in-stent neointima, **401**
- stenting**, Transfer for primary angioplasty: who and how?, **570**
- stents**, Clinical and angiographic outcome after conventional angioplasty with optional stent implantation compared with direct stenting without predilatation, **622**  
Endovascular stent repair for a dissecting thoracoabdominal aneurysm is feasible in the setting of a district general hospital: a multidisciplinary approach, **e4**  
Various reasons for repeat dilatation of stented pulmonary arteries in paediatric patients, **505**  
Vessel restenosis versus "streamlining", **445**
- steroid eluting pacing lead**, Endocardial and epicardial steroid lead pacing in the neonatal and paediatric age group, **392**
- streamlining**, Vessel restenosis versus "streamlining", **445**
- stress**, Depression, stress, and the heart, **441**
- subaortic stenosis**, Rheology of discrete subaortic stenosis, **335**
- sudden cardiac death**, Impact of age and sex on sudden cardiovascular death following myocardial infarction, **573**  
Patients with ventricular arrhythmias: who should be referred to an electrophysiologist?, **544**  
Sudden death in children and adolescents, **426**  
What's bad for the gander . . . Women and sudden cardiac death, **553**
- superior cavopulmonary anastomosis**, The mechanism of formation of pulmonary arteriovenous malformations associated with the classic Glenn shunt (superior cavopulmonary anastomosis), **639**
- surgery**, Sinus venosus syndrome: atrial septal defect or anomalous venous connection? A multiplane transoesophageal approach, **634**  
Survivors of coarctation repair: fixed but not cured, **113**
- surgical closure**, Surgical closure of atrial septal defects in adults: effect of age at operation on outcome, **485**
- survey**, Low prevalence of lipid lowering drug use in older men with established coronary heart disease, **25**
- survival**, Changing the diagnostic criteria for myocardial infarction in patients with a suspected heart attack affects the measurement of 30 day mortality but not long term survival, **337**
- sympathetic nervous system**, Imaging of cardiac adrenergic innervation, **209**
- syncope**, New insights into the mechanism of neurally mediated syncope, **217**  
Role of echocardiography in the evaluation of syncope: a prospective study, **363**
- systolic function**, Clinical characteristics and prognosis of hospitalised inpatients with heart failure and preserved or reduced left ventricular ejection fraction, **249**
- tachyarrhythmias**, Myotonic dystrophy and the heart, **665**
- terminal crest**, The right atrium as an anatomic set-up for re-entry: electrophysiology goes back to anatomy, **325**
- tetralogy of Fallot**, ECG predictors of ventricular arrhythmias and biventricular size and wall mass in tetralogy of Fallot with pulmonary regurgitation, **515**  
Influence of the pulmonary annulus diameter on pulmonary regurgitation and right ventricular pressure load after repair of tetralogy of Fallot, **510**  
The unnatural history of tetralogy of Fallot: surgical repair is not as definitive as previously thought, **447**
- thoracic radiography**, Continuous left hemidiaphragm sign revisited: a case of spontaneous pneumopericardium and literature review, **e5**
- thrombolysis**, Improved prognosis of patients presenting with clinical markers of spontaneous reperfusion during acute myocardial infarction, **352**  
Large intracoronary thrombi with good TIMI flow during acute myocardial infarction: four cases of successful aggressive medical management in patients without angiographically detectable coronary atherosclerosis, **e6**
- thrombolytic treatment**, Interaction between arrival time and thrombolytic treatment in determining early outcome of acute myocardial infarction, **583**
- thrombosis**, Plaque composition in plexogenic and thromboembolic pulmonary hypertension: the critical role of thrombotic material in pultraceous core formation, **177**  
Relation between early mitral regurgitation and left ventricular thrombus formation after acute myocardial infarction: results of the GISSI-3 echo substudy, **131**
- tolerability**, Perindopril improves six minute walking distance in older patients with left ventricular systolic dysfunction: a randomised double blind placebo controlled trial, **373**
- tomographic imaging**, Understanding coronary artery disease: tomographic imaging with intravascular ultrasound, **91**
- transfer**, Transfer for primary angioplasty: who and how?, **570**
- transoesophageal echocardiography**, Assessment of mitral regurgitation, **iv11**  
Degenerative mitral valve disease with emphasis on mitral valve prolapse, **iv20**  
Role of echocardiography in acute coronary syndromes, **419**  
Sinus venosus syndrome: atrial septal defect or anomalous venous connection? A multiplane transoesophageal approach, **634**
- transeptal puncture**, Use of the transeptal puncture in transcatheter closure of long tunnel-type patent foramen ovale, **e3**
- transthoracic Doppler echocardiography**, Can coronary flow velocity reserve determined by transthoracic Doppler echocardiography predict the recovery of regional left ventricular function in patients with acute myocardial infarction?, **137**
- transthoracic echocardiography**, Assessment of mitral regurgitation, **iv11**  
Degenerative mitral valve disease with emphasis on mitral valve prolapse, **iv20**  
Role of echocardiography in acute coronary syndromes, **419**
- trends**, Trends in mortality from cardiovascular and cerebrovascular diseases in Europe and other areas of the world, **119**
- tricuspid annular motion**, Assessment of right ventricular function with Doppler echocardiographic indices derived from tricuspid annular motion: comparison with radionuclide angiography, **244**
- troponin T**, Serum cardiac troponin T and plasma brain natriuretic peptide in patients with cardiac decompensation, **647**
- troponins**, Myocardial infarction: redefined or reinvented?, **1**
- tunnel-type patent foramen ovale**, Use of the transeptal puncture in transcatheter closure of long tunnel-type patent foramen ovale, **e3**
- twin-twin transfusion syndrome**, Influence of twin-twin transfusion syndrome on fetal cardiovascular structure and function: prospective case-control study of 136 monozygotic twin pregnancies, **271**
- typical flutter**, The right atrium as an anatomic set-up for re-entry: electrophysiology goes back to anatomy, **325**
- ultrasound**, Automated cardiac flow measurement by digital colour Doppler echocardiography, **211**
- unstable angina**, Antiplatelet treatment in unstable angina: aspirin, clopidogrel, glycoprotein IIb/IIIa antagonist, or all three?, **11**  
Hypertension control at hospital discharge after acute coronary event: influence on cardiovascular prognosis—the PREVENIR study, **587**
- valvar disease**, Automated quantification of aortic regurgitant volume and regurgitant fraction using the digital colour Doppler velocity profile integration method in patients with aortic regurgitation, **481**
- valvar regurgitation**, Doppler echocardiographic assessment of valvar regurgitation, **651**
- vascular endothelial growth factor**, Identification of a specific pattern of downregulation in expression of isoforms of vascular endothelial growth factor in dilated cardiomyopathy, **412**
- venous collaterals**, Coil occlusion of systemic venous collaterals in hypoplastic left heart syndrome, **167**
- ventilatory parameters**, Ventilatory variables are strong prognostic markers in elderly patients with heart failure, **239**
- ventricular arrhythmias**, ECG predictors of ventricular arrhythmias and biventricular size and wall mass in tetralogy of Fallot with pulmonary regurgitation, **515**  
Patients with ventricular arrhythmias: who should be referred to an electrophysiologist?, **544**
- ventricular function**, ECG predictors of ventricular arrhythmias and biventricular size and wall mass in tetralogy of Fallot with pulmonary regurgitation, **515**  
Physiological changes in ventricular filling alter cardiac electrophysiology in patients with abnormal ventricular function, **149**  
Regional left ventricular function during transient coronary occlusion: relation with coronary collateral flow, **35**
- ventricular septal defect**, Rheology of discrete subaortic stenosis, **335**
- vessel perforation**, Coronary artery perforation during percutaneous intervention: incidence and outcome, **495**
- von Willebrand syndrome**, Acquired von Willebrand syndrome in children with patent ductus arteriosus, **87**
- women**, Impact of age and sex on sudden cardiovascular death following myocardial infarction, **573**  
What's bad for the gander . . . Women and sudden cardiac death, **553**