

**Abciximab**

- Comparison in Patients Having Primary Coronary Angioplasty of *Abciximab* Versus *Tirofiban* on Recovery of Left Ventricular Function, 35
- Effect of *Abciximab*-Coated Stent on In-Stent Intimal Hyperplasia in Human Coronary Arteries, 1050
- Effect of *Bivalirudin* on Length of Stay in the Recovery Area After Percutaneous Coronary Intervention Compared With *Heparin* Alone, *Heparin + Abciximab*, or *Heparin + Eptifibatid*, 1417
- Predictors of and Outcomes of Early Thrombosis Following Balloon Angioplasty Versus Primary Stenting in Acute Myocardial Infarction and Usefulness of *Abciximab* (The CADILLAC Trial), 983
- ST-Segment Resolution 60 Minutes After Combination Treatment of *Abciximab* With *Reteplase* or *Reteplase* Alone for Acute Myocardial Infarction (30-Day Mortality Results from the Resolution of ST-Segment After Reperfusion Therapy Substudy), 859

**Ablation**

- Circumferential Pulmonary Vein Ablation for Treatment of Atrial Fibrillation Using an Irrigated-Tip Catheter, 945
- Conservative Management of Complete Heart Block Complicating Percutaneous Transluminal Septal Myocardial Ablation for Patients With Obstructive Hypertrophic Cardiomyopathy, 982
- Effectiveness of Catheter Ablation for Coexisting Atrial Fibrillation and Atrial Flutter, 666
- Effect of Linear Radiofrequency Ablation on Left Atrial Function, 277
- Effect of Radiofrequency Catheter Ablation on the Biochemical Marker Ischemia Modified Albumin, 234
- Outcome After Cavo-Tricuspid Isthmus Ablation in Patients With Recurrent Atrial Fibrillation and Drug-Related Typical Atrial Flutter, 504
- Results of Catheter Ablation of Typical Atrial Flutter, 437
- Slow Pathway Modification for Antioventricular Nodal Reentrant Tachycardia, 1316
- Usefulness of Myocardial Contrast Echocardiographic Quantification of Risk Area for Predicting Postprocedural Complications in Patients Undergoing Septal Ethanol Ablation for Obstructive Hypertrophic Cardiomyopathy, 1515
- Utility of the Safe-Cross-Guided Radiofrequency Total Occlusion Crossing System in Chronic Coronary Total Occlusions (Results from the Guided Radio Frequency Energy Ablation of Total Occlusions Registry Study), 853

**Acetylcysteine**

- Significant Statistical Heterogeneity in a Meta-Analysis of the Usefulness of Acetylcysteine for Prevention of Contrast Nephropathy, 414

**Acquired Immune Deficiency Syndrome. See HIV-Infected (AIDS) Patients****Activated Clotting Time**

- Value of Monitoring Activated Clotting Time When *Bivalirudin* Is Used as the Sole Anticoagulation Agent for Percutaneous Coronary Intervention, 789

**Acute Coronary Syndrome**

- Association of Race With Complications and Prognosis Following Acute Coronary Syndromes, 792
- Clinical Findings in Patients With Cardiac Troponin T Elevation and End-Stage Renal Disease Without Acute Coronary Syndrome, 831
- Comparison of Outcomes in Acute Coronary Syndrome in Patients Receiving Statins Within 24 Hours of Onset Versus at Later Times, 1166
- Impact of Contemporary Guideline Compliance on Risk Stratification Models for Acute Coronary Syndromes in The Registry of Acute Coronary Syndromes, 873
- One-Year Outcome of Patients After Acute Coronary Syndromes (from the Canadian Acute Coronary Syndromes Registry), 25
- Prognostic Significance of Renal Insufficiency in Patients Presenting With Acute Coronary Syndrome (the Prospective Multicenter SYCOMORE Study), 1543
- Prognostic Usefulness of Plasma Monocyte/Macrophage and T-Lymphocyte Activation Markers in Patients With Acute Coronary Syndromes, 993
- Stress Testing: Problems and Appropriate Use in Acute Coronary Syndromes, 1534
- Usefulness of Real-Time Myocardial Perfusion Imaging in the Evaluation of Patients With First Time Chest Pain, 1225
- Usefulness of *Tirofiban* Among Patients Treated Without Percutaneous Coronary Intervention (TIMI High Risk Patients in PRISM-PLUS), 774

**Acute Myocardial Infarction. See Myocardial Infarction****Adenosine**

- Coronary Flow Reserve of the Angiographically Normal Left Anterior Descending Coronary Artery in Patients With Remote Coronary Artery Disease, 577
- Effect of Intracoronary *Adenosine* Infusion During Coronary Intervention on Myocardial Reperfusion Injury in Patients With Acute Myocardial Infarction, 9
- Gender Differences in the Value of ST-Segment Depression During *Adenosine* Stress Testing, 997
- Usefulness of Single-Bolus *Adenosine* Test for Confirming Sinus Node Dysfunction and Correlation With Atrial Overdrive Suppression Test, 1569

**Adherence. See Compliance****Adipose Tissue**

- Relation Between Epicardial Adipose Tissue and Left Ventricular Mass, 1084

**Adolescents**

- Prevalence and Time of Appearance of Brugada Electrocardiographic Pattern in Young Male Adolescents from a Three-Year Follow-Up Study, 1186

**African-Americans. See Race****Age**

- Age- and Sex-Related Atrial Electrophysiologic and Structural Changes, 373
- Age-Related Prevalence of Cardiac Valvular Abnormalities Warranting Infectious Endocarditis Prophylaxis, 386

Clinical Characteristics of Persistent Lone Atrial Fibrillation in the RACE Study, 1486

- Comparison of Endothelial Function in Young Men and Women With a Family History of Premature Coronary Artery Disease, 783
- Comparison of Low Risk and Higher Risk Profiles in Middle Age to Frequency and Quantity of Coronary Artery Calcium Years Later, 367
- Comparison of Presenting Features, Diagnostic Tools, Hospital Outcomes, and Quality of Care Indicators in Older (>65 Years) to Younger, Men to Women, and Diabetics to Nondiabetics With Acute Chest Pain Triage in the Emergency Department, 216
- Effectiveness of Sirolimus-Eluting Stent Implantation for the Treatment of Coronary Artery Disease in Octogenarians, 909
- Effect of Oral L-Arginine on Oxidant Stress, Endothelial Dysfunction, and Systemic Arterial Pressure in Young Cardiac Transplant Recipients, 828
- Effect of Regular Exercise After Third Decade on Doppler-Derived Left Ventricular Filling, 1595
- Epidemiology and Association of Vascular and Valvular Calcium Quantified by Multidetector Computed Tomography in Elderly Asymptomatic Subjects, 348
- Limitations of Studies on Vasovagal Syncope, 149
- Long-Term Prognosis of Patients Having Acute Myocardial Infarction When  $\leq 40$  Years of Age, 989
- Prevalence and Time of Appearance of Brugada Electrocardiographic Pattern in Young Male Adolescents from a Three-Year Follow-Up Study, 1186
- Relation of Low Bone Mineral Density and Carotid Atherosclerosis in Postmenopausal Women, 266
- Sensitivity, Specificity, Positive Predictive Value, and Negative Predictive Value of the *Dipyridamole* Sestamibi Stress Test in Predicting Graft Occlusion or  $\geq 50\%$  New Native Coronary Artery Disease in Men Versus Women and in Patients Aged  $\geq 65$  Years Versus  $< 65$  Years Who Had Prior Coronary Artery Bypass Grafting, 625
- Soluble Fibrin, C-Reactive Protein, Fibrinogen, Factor VII, Antithrombin, Proteins C and S, Tissue Factor, D-Dimer, and Prothrombin Fragment 1 + 2 in Men With Acute Myocardial Infarction  $\leq 45$  Years of Age, 1410

**Aging. See also Nonagenarians; Octogenarians**

- Age- and Sex-Related Atrial Electrophysiologic and Structural Changes, 373
- Epidemiology and Association of Vascular and Valvular Calcium Quantified by Multidetector Computed Tomography in Elderly Asymptomatic Subjects, 348

**AIDS (Acquired Immune Deficiency Syndrome). See HIV-Infected (AIDS) Patients****Albumin**

- Brachial Artery Reactivity in Asymptomatic Patients With Type 2 Diabetes Mellitus and Microalbuminuria (from the Detection of Ischemia in Asymptomatic Diabetics-Brachial Artery Reactivity Study), 294
- Comparison of the Extent and Severity of Coronary Artery Disease in Patients With Acute Myocardial Infarction With and Without Microalbuminuria, 334

Effect of Radiofrequency Catheter Ablation on the Biochemical Marker Ischemia Modified Albumin, 234

### **Allograft Vasculopathy**

Lack of Usefulness of Electron Beam Computed Tomography for Detecting Coronary Allograft Vasculopathy, 202

Usefulness of an Elevated B-Type Natriuretic Peptide to Predict Allograft Failure, Cardiac Allograft Vasculopathy and Survival After Heart Transplantation, 454

### **Allopurinol**

Effect of Hyperuricemia Upon Endothelial Function in Patients at Increased Cardiovascular Risk, 932

### **Alternative Medicine**

Safety and Efficacy of Citrus Aurantium for Weight Loss, 1359

### **Ambulatory Monitoring**

Effects of Hormone Replacement Therapy or *Raloxifene* on Ambulatory Blood Pressure and Arterial Stiffness in Treated Hypertensive Postmenopausal Women, 1453

Prognostic Value of 24-Hour Ambulatory Blood Pressure Measurement for the Onset of Atrial Fibrillation in Treated Patients With Essential Hypertension, 1566

### **Amiodarone**

Comparative Effects of *Carvedilol* and *Amiodarone* on Conversion and Recurrence Rates of Persistent Atrial Fibrillation, 659

Effect of *Amiodarone* on the Plasma Levels of *Metoprolol*, 1319

### **Amish**

The Amish, Body Weight, and Exercise, 1221

### **Amplatzer Septal Occluder**

Comparison of Costs of Intracardiac Echocardiography and Transesophageal Echocardiography in Monitoring Percutaneous Device Closure of Atrial Septal Defects in Children and Adults, 690

Comparison of Percutaneous Closure of Large Patent Ductus Arteriosus by Multiple Coils Versus the Amplatzer Duct Occluder Device, 252

Transthoracic Echocardiographic Guidance of Transcatheter Atrial Septal Defect Closure, 256

Usefulness of Three-Dimensional Echocardiographic Reconstruction of the Amplatzer Septal Occluder in Patients Undergoing Atrial Septal Closure, 1343

### **Anemia**

Double Jeopardy of Renal Insufficiency and Anemia in Patients Undergoing Percutaneous Coronary Interventions, 30

Impact of Anemia on Outcomes of Patients Undergoing Percutaneous Coronary Interventions, 1023

### **Aneurysm**

Comparative Roles of the Atrial Septal Aneurysm Versus Patent Foramen Ovale in Systemic Embolization With Inferences from Neonatal Studies, 1341

Frequency of Coronary Artery Ectasia in Patients Undergoing Surgery for Ascending Aortic Aneurysms, 1433

Prevalence of Coronary Artery Disease, Lower Extremity Peripheral Arterial Disease, and Cerebrovascular Disease in 110 Men With an Abdominal Aortic Aneurysm, 1358

### **Angina Pectoris. See also Chest Pain**

Comparison of Once Daily Versus Twice Daily Oral Nitrates in Stable Angina Pectoris, 213

Comparison of Presenting Features, Diagnostic Tools, Hospital Outcomes, and Quality of Care Indicators in Older (>65 Years) to Younger, Men to Women, and Diabetics to Nondiabetics With Acute Chest Pain Triage in the Emergency Department, 216

Effect of *Enalapril* and *Losartan* on Cytokines in Patients With Stable Angina Pectoris Awaiting Coronary Artery Bypass Grafting and Their Interaction With Polymorphisms in the Interleukin-6 Gene, 564

Outcome of Percutaneous Coronary Intervention Versus Coronary Bypass Grafting for Patients With Low Left Ventricular Ejection Fractions, Unstable Angina Pectoris, and Risk Factors for Adverse Outcomes With Bypass (the AWESOME Randomized Trial and Registry), 118

Prognostic Value of Exercise Echocardiography in Patients With Classic Angina Pectoris, 559

Safety of Stress Testing During the Evolution of Unstable Angina Pectoris or Non-ST-Elevation Myocardial Infarction, 1537

Short-Term (28 Days) Prognosis Between Genders According to the Type of Coronary Event (Q-Wave Versus Non-Q-Wave Acute Myocardial Infarction Versus Unstable Angina Pectoris), 1161

Usefulness of Brain Natriuretic Peptide Levels to Discriminate Patients With Stable Angina Pectoris Without and With Electrocardiographic Myocardial Ischemia and Patients With Healed Myocardial Infarction, 780

Usefulness of Real-Time Myocardial Perfusion Imaging in the Evaluation of Patients With First Time Chest Pain, 1225

Utility and Diagnostic Accuracy of Hand-Carried Ultrasound for Emergency Room Evaluation of Chest Pain, 408

### **Angiography**

Ability of Troponin T to Predict Angiographic Coronary Artery Disease in Patients With Chronic Kidney Disease, 834

Acute Angiographic Analysis of Non-ST-Segment Elevation Acute Myocardial Infarction, 907

Angiographic and Clinical Outcomes of Late Total Occlusion Versus Treatment Failure Without Late Total Occlusion in Patients After Intracoronary Radiation Therapy for In-Stent Restenosis, 1551

Angiographic and Three-Dimensional Intravascular Ultrasound Analysis of Combined Intracoronary Beta Radiation and Self-Expanding Stent Implantation in Human Coronary Arteries, 1237

Comparison of Clinical and Angiographic Outcome of Sirolimus-Eluting Stent Implantation Versus Cutting Balloon Angioplasty for Coronary In-Stent Restenosis, 1297

Comparison of Femoral Bleeding Complications After Coronary Angiography Versus Percutaneous Coronary Intervention, 361

Comparison of Stress-Induced Myocardial Ischemia in Patients With and Without Coronary Arterial Collaterals, 1232

Comparison of Transradial and Transfemoral Approaches for Coronary Angiography and Angioplasty in Octogenarians (the OCTOPLUS Study), 1177

Coronary Flow Reserve of the Angiographically Nor-

mal Left Anterior Descending Coronary Artery in Patients With Remote Coronary Artery Disease, 577

Prevalence of Angiographic Coronary Artery Disease in Patients Hospitalized for Acute Diastolic Heart Failure Without Clinical and Electrocardiographic Evidence of Myocardial Ischemia on Admission, 133

Standard Versus User-Interactive Assessment of Significant Coronary Stenoses With Multislice Computed Tomography Coronary Angiography, 1590

Usefulness of Multislice Computed Tomography Angiography to Evaluate Intravascular Stents and Transcatheter Occlusion Devices in Patients With d-Transposition of the Great Arteries After Mustard Repair, 967

### **Angioplasty. See also Percutaneous Coronary Intervention**

Comparison in Patients Having Primary Coronary Angioplasty of *Abciximab* Versus *Tirofiban* on Recovery of Left Ventricular Function, 35

Comparison of Clinical and Angiographic Outcome of Sirolimus-Eluting Stent Implantation Versus Cutting Balloon Angioplasty for Coronary In-Stent Restenosis, 1297

Comparison of Transradial and Transfemoral Approaches for Coronary Angiography and Angioplasty in Octogenarians (the OCTOPLUS Study), 1177

Impact of Interventionalist Volume, Experience, and Board Certification on Coronary Angioplasty Outcomes in the Era of Stenting, 421

Influence of Admission and Discharge Aspirin Use on Survival After Primary Coronary Angioplasty for Acute Myocardial Infarction, 1029

In-Hospital Management and Outcome in Women With Acute Myocardial Infarction (Data from the AMI-Florence Registry), 1118

Magnitude and Impact of Treatment Delays on Weeknights and Weekends in Patients Undergoing Primary Angioplasty for Acute Myocardial Infarction (the CADILLAC Trial), 637

Platelet Aggregation Inhibition Blocks C-Reactive Protein and Interleukin-6 (IL-6) Elevation After the Coronary Angioplasty: Effect of the -174 G/C IL-6 Gene Polymorphism, 1300

Predictors of and Outcomes of Early Thrombosis Following Balloon Angioplasty Versus Primary Stenting in Acute Myocardial Infarction and Usefulness of *Abciximab* (The CADILLAC Trial), 983

### **Angiotensin-Converting Enzyme Inhibition/Inhibitor**

Angiotensin-Converting Enzyme Inhibitor Meta-Analysis Provides Misleading Conclusion, 149

Class Effect of Angiotensin-Converting Enzyme Inhibitors on Prevention of Myocardial Infarction, 1171

Comparison of Angiotensin-Converting Enzyme Inhibitors and Angiotensin Receptor Blockers in the Primary Prevention of Myocardial Infarction in Hypertensive Patients, 479

Comparison of Effects of *Quinapril* Versus *Enalapril* on Vasoactive Substances Following Acute Myocardial Infarction, 641

Comparison of Suppression of the Circulating and Vascular Renin-Angiotensin System by *Enalapril* Versus *Trandolapril* in Chronic Heart Failure, 1501

Effect of *Enalapril* and *Losartan* on Cytokines in Patients With Stable Angina Pectoris Awaiting Coro-

nary Artery Bypass Grafting and Their Interaction With Polymorphisms in the Interleukin-6 Gene, 564

### Angiotensin Receptor Blockers

Comparison of Angiotensin-Converting Enzyme Inhibitors and Angiotensin Receptor Blockers in the Primary Prevention of Myocardial Infarction in Hypertensive Patients, 479

Effect of *Losartan* Versus *Atenolol* on Aortic Valve Sclerosis (a LIFE Substudy), 1076

### Ankle-Brachial Index

Comparison of Ankle-Brachial Pressure Index and Pulse Wave Velocity as Markers of the Presence of Coronary Artery Disease in Subjects With a High Risk of Atherosclerotic Cardiovascular Disease, 868

### Anorexia Nervosa

Resting and Ambulatory Heart Rate Variability in Chronic Anorexia Nervosa, 1217

### Antiarrhythmic Therapy

Is Rhythm Control Superior to Rate Control in Patients With Atrial Fibrillation and Congestive Heart Failure?, 797

### Anticoagulation

Comparison of Results of Percutaneous Closure of Patent Foramen Ovale for Paradoxical Embolism in Patients With Versus Without Thrombophilia, 1012

Effect of *Bivalirudin* on Length of Stay in the Recovery Area After Percutaneous Coronary Intervention Compared With *Heparin* Alone, *Heparin* + *Abciximab*, or *Heparin* + *Eptifibatide*, 1417

Medication Errors Associated With Anticoagulant Therapy in the Hospital, 532

Time Trends in *Warfarin*-Associated Hemorrhage, 403

Value of Monitoring Activated Clotting Time When *Bivalirudin* Is Used as the Sole Anticoagulation Agent for Percutaneous Coronary Intervention, 789

### Antihypertensive Therapy

Effect of *Losartan* Versus *Atenolol* on Aortic Valve Sclerosis (a LIFE Substudy), 1076

Prevalence of Adequate Blood Pressure Control in Self-Pay or Medicare Patients Versus Medicaid or Private Insurance Patients With Systemic Hypertension Followed in a University Cardiology or General Medicine Clinic, 815

Prognostic Value of 24-Hour Ambulatory Blood Pressure Measurement for the Onset of Atrial Fibrillation in Treated Patients With Essential Hypertension, 1566

### Antiplatelet Therapy

Optimal Duration of *Eptifibatide* Infusion in Percutaneous Coronary Intervention (an ESPRIT Substudy), 926

### Antithrombotic Therapy. See also Thrombolysis

*Bivalirudin* Versus *Heparin* as an Antithrombotic Agent in Patients Treated With a Sirolimus-Eluting Stent, 1047

### Aorta

Comparison of Aortic Dissection in Patients With and Without Marfan's Syndrome (Results from the International Registry of Aortic Dissection), 400

Congenital Heart Disease and Abnormalities of the Great Vessels, 278

Epidemiology and Association of Vascular and Valvular

Calcium Quantified by Multidetector Computed Tomography in Elderly Asymptomatic Subjects, 348

Frequency of Coronary Artery Ectasia in Patients Undergoing Surgery for Ascending Aortic Aneurysms, 1433

Frequency of Severe Renal Artery Stenosis in Patients With Severe Thoracic Aortic Plaque, 844

Prevalence of Coronary Artery Disease, Lower Extremity Peripheral Arterial Disease, and Cerebrovascular Disease in 110 Men With an Abdominal Aortic Aneurysm, 1358

Racial Differences in Aortic Atheroma in Patients Undergoing Transesophageal Echocardiography for Unexplained Stroke or Transient Ischemic Attack, 1211

### Aortic Aneurysm

Frequency of Coronary Artery Ectasia in Patients Undergoing Surgery for Ascending Aortic Aneurysms, 1433

Prevalence of Coronary Artery Disease, Lower Extremity Peripheral Arterial Disease, and Cerebrovascular Disease in 110 Men With an Abdominal Aortic Aneurysm, 1358

### Aortic Coarctation

Development of Exercise-Induced Arm-Leg Blood Pressure Gradient and Abnormal Arterial Compliance in Patients with Repaired Coarctation of the Aorta, 1200

### Aortic Dissection

Comparison of Aortic Dissection in Patients With and Without Marfan's Syndrome (Results from the International Registry of Aortic Dissection), 400

### Aortic Regurgitation

Elevated B-Type Natriuretic Peptide in Asymptomatic Men With Chronic Aortic Regurgitation and Preserved Left Ventricular Systolic Function, 676

### Aortic Root

Frequency of Aortic Root Dilation in Children With a Bicuspid Aortic Valve, 1337

### Aortic Stenosis

Relation of Calcium-Phosphorus Product to the Severity of Aortic Stenosis in Patients With Normal Renal Function, 1196

Relation of N-Terminal Pro-B-Type Natriuretic Peptide to Severity of Valvular Aortic Stenosis, 740

Risk Factors for Aortic Valve Dysfunction in Children With Discrete Subvalvar Aortic Stenosis, 459

Weights of Individual Cusps in Operatively Excised Congenitally Bicuspid Stenotic Aortic Valves, 678

Weights of Individual Cusps in Operatively Excised Stenotic Three-Cuspid Aortic Valves, 681

### Aortic Valve

Effect of *Losartan* Versus *Atenolol* on Aortic Valve Sclerosis (a LIFE Substudy), 1076

Frequency of Aortic Root Dilation in Children With a Bicuspid Aortic Valve, 1337

Mechanisms of Aortic Valve Calcification, 1396

Prognostic Significance of Newly Acquired Bundle Branch Block After Aortic Valve Replacement, 1008

Relation of Aortic Valve Sclerosis to Carotid Artery Intima-Media Thickening in Healthy Subjects, 837

Risk Factors for Aortic Valve Dysfunction in Children With Discrete Subvalvar Aortic Stenosis, 459

### Apoptosis

Apoptotic Cardiomyocyte Death in Fatal Myocarditis, 746

Comparison of Circulating Proinflammatory Cytokines and Soluble Apoptosis Mediators in Patients With Chronic Heart Failure With Versus Without Symptoms of Depression, 1326

### L-Arginine

Effect of Oral L-Arginine on Oxidant Stress, Endothelial Dysfunction, and Systemic Arterial Pressure in Young Cardiac Transplant Recipients, 828

### Arrhythmias. See also specific arrhythmia

Effectiveness of Early Implantation of Cardioverter Defibrillator for Postoperative Ventricular Tachyarrhythmia, 376

Effect of Left Ventricular Remodeling After Cardiac Resynchronization Therapy on Frequency of Ventricular Arrhythmias, 130

Frequency of Arrhythmic Events During Head-Up Tilt Testing in Patients With Suspected Neurocardiogenic Syncope or Presyncope, 1491

Temporal Aspects of Improved Survival With the Implanted Defibrillator (MADIT-II), 312

Usefulness of *Procainamide* Challenge for Electrophysiologic Arrhythmia Risk Stratification, 1435

### Arterial Revascularization Therapies Study

Comparison of Three-Year Outcomes After Coronary Stenting Versus Coronary Artery Bypass Grafting in Patients With Multivessel Coronary Disease, Including Involvement of the Left Anterior Descending Coronary Artery Proximally (a Subanalysis of the Arterial Revascularization Therapies Study Trial), 627

### Asian Indians

Comparison of Levels of Large and Small High-Density Lipoprotein Cholesterol in Asian Indian Men Compared With Caucasian Men in the Framingham Offspring Study, 1561

Prevalence of Diabetes Mellitus and Related Conditions in Asian Indians Living in the United States, 977

### ASPECT

Comparison of Neointimal Formation in Polymer-Free *Paclitaxel* Stents Versus Stainless Stents (from the ASPECT and ELUTES Randomized Clinical Trials), 199

### Aspirin

Association of Aspirin Use With Vitamin B12 Deficiency (Results of the BACH Study), 975

Influence of Admission and Discharge Aspirin Use on Survival After Primary Coronary Angioplasty for Acute Myocardial Infarction, 1029

*Warfarin* and Aspirin Use and the Predictors of Major Bleeding Complications in Atrial Fibrillation (the Framingham Heart Study), 947

### Asymmetric Dimethylarginine

Effect of *Rosuvastatin* on Plasma Levels of Asymmetric Dimethylarginine in Patients With Hypercholesterolemia, 157

### Atenolol

Effect of *Losartan* Versus *Atenolol* on Aortic Valve Sclerosis (a LIFE Substudy), 1076

## Atherectomy

Relation of C-Reactive Protein to Restenosis After Coronary Stent Implantation and to Restenosis After Coronary Atherectomy, 104

## Atherosclerosis. See also Plaque

Association Between Metabolic Syndrome and Subclinical Coronary Atherosclerosis in Asymptomatic Adults, 1554

Comparison of Ankle-Brachial Pressure Index and Pulse Wave Velocity as Markers of the Presence of Coronary Artery Disease in Subjects With a High Risk of Atherosclerotic Cardiovascular Disease, 868

Comparison of Measurement of Cross-Sectional Coronary Atherosclerotic Plaque and Vessel Areas by 16-Slice Multidetector Computed Tomography Versus Intravascular Ultrasound, 1294

Mechanisms of Aortic Valve Calcification, 1396

Racial Differences in Aortic Atheroma in Patients Undergoing Transesophageal Echocardiography for Unexplained Stroke or Transient Ischemic Attack, 1211

Relation of Augmented Platelet Reactivity to the Magnitude of Distribution of Atherosclerosis, 725

Relation of Degree of Physical Activity to Coronary Artery Calcium Score in Asymptomatic Individuals With Multiple Metabolic Risk Factors, 729

Relation of Low Bone Mineral Density and Carotid Atherosclerosis in Postmenopausal Women, 266

Vascular Remodeling and Plaque Composition Between Focal and Diffuse Coronary Lesions Assessed by Intravascular Ultrasound, 1067

## Atherosclerosis Risk in Communities Study

Prevalence of Coronary Heart Disease and Carotid Arterial Thickening in Patients With the Metabolic Syndrome (The ARIC Study), 1249

## Athletes

Clinical Significance of Increased Cardiac Troponins T and I in Participants of Ultra-Endurance Events, 696

Effect of Regular Exercise After Third Decade on Doppler-Derived Left Ventricular Filling, 1595

Serum C-Reactive Protein and Lipids in Ultra-Marathon Runners, 125

## Atorvastatin

Comparative Pharmacokinetic Interaction Profiles of *Pravastatin*, *Simvastatin*, and *Atorvastatin* When Coadministered With Cytochrome P450 Inhibitors, 1140

Effect of *Atorvastatin* on Left Ventricular Diastolic Function and Ability of Coenzyme Q<sub>10</sub> to Reverse That Dysfunction, 1306

Effect of *Atorvastatin* on the Expression of CD40 Ligand and P-Selectin on Platelets in Patients With Hypercholesterolemia, 364

Effects of *Atorvastatin* (10 mg) on Hemostatic and Inflammatory Parameters in Hyperlipidemic Patients With Angiographically Proven Coronary Artery Disease, 206

Lipid-Altering Changes and Pleiotropic Effects of *Atorvastatin* in Patients With Hypercholesterolemia, 497

## Atrial Fibrillation

Age- and Sex-Related Atrial Electrophysiologic and Structural Changes, 373

Atrial Fibrillatory Frequency, Atrial Fibrillatory Rate, or Atrial Cycle Length—Does It Matter?, 147

Circumferential Pulmonary Vein Ablation for Treatment of Atrial Fibrillation Using an Irrigated-Tip Catheter, 945

Clinical Characteristics of Persistent Lone Atrial Fibrillation in the RACE Study, 1486

Comparative Effects of *Carvedilol* and *Amiodarone* on Conversion and Recurrence Rates of Persistent Atrial Fibrillation, 659

Comparison of Rectilinear Biphasic Waveform Energy Versus Truncated Exponential Biphasic Waveform Energy for Transthoracic Cardioversion of Atrial Fibrillation, 1438

Comparison of Response to Cardiac Resynchronization Therapy in Patients With Sinus Rhythm Versus Chronic Atrial Fibrillation, 1506

Comparison of the Impact of Atrial Fibrillation on the Risk of Stroke and Cardiovascular Death in Women Versus Men (the Copenhagen City Heart Study), 889

Determinants of Atrial Fibrillation Development in Patients With Hypertrophic Cardiomyopathy, 895

Echocardiographic Evidence of Left Atrial Abnormality in Young Patients With Lone Paroxysmal Atrial Fibrillation, 511

Effectiveness of Catheter Ablation for Coexisting Atrial Fibrillation and Atrial Flutter, 666

Effectiveness of Oral *Propafenone* for the Prevention of Atrial Fibrillation After Coronary Artery Bypass Grafting, 663

Effect of Body Mass Index on Defibrillation Thresholds for Internal Cardioversion in Patients With Atrial Fibrillation, 370

Effect of Linear Radiofrequency Ablation on Left Atrial Function, 277

Effects of Ventricular Rate Regularization Pacing on Quality of Life and Symptoms in Patients With Atrial Fibrillation (Atrial Fibrillation Symptoms Mediated by Pacing to Mean Rates [AF SYMPTOMS Study]), 938

Efficacy of Transthoracic Cardioversion of Atrial Fibrillation Using a Biphasic, Truncated Exponential Shock Waveform at Variable Initial Shock Energies, 1572

Epidemiology and Determinants of Outcome of Admissions for Atrial Fibrillation in the United States from 1996 to 2001, 500

Fate of Left Atrial Thrombi in Patients With Atrial Fibrillation Determined by Transesophageal Echocardiography and Cerebral Magnetic Resonance Imaging, 801

*Flecainide* and *Propafenone* Induced ST-Segment Elevation in Patients With Atrial Fibrillation: Clue to Specificity of Brugada-Type Electrocardiographic Changes, 1184

Frequency of Elevation of C-Reactive Protein in Atrial Fibrillation, 1255

History and Personal Observations of Electrical Cardioversion of Atrial Fibrillation, 751

Impact of Fluid Balance on Incidence of Atrial Fibrillation After Cardiothoracic Surgery, 1423

Is Rhythm Control Superior to Rate Control in Patients With Atrial Fibrillation and Congestive Heart Failure?, 797

Outcome After Cavo-Tricuspid Isthmus Ablation in

Patients With Recurrent Atrial Fibrillation and Drug-Related Typical Atrial Flutter, 504

Outcome of Patients With Newly Diagnosed Atrial Fibrillation at the Mayo Clinic and Residing in That Area, 1379

Predictive Value of Indexes of Inflammation and Hypercoagulability on Success of Cardioversion of Persistent Atrial Fibrillation, 508

Prognostic Value of 24-Hour Ambulatory Blood Pressure Measurement for the Onset of Atrial Fibrillation in Treated Patients With Essential Hypertension, 1566

Rate Control in AFFIRM: Considerations About the Clinical Implications, 1104

Relation of C-Reactive Protein Correlates With Risk of Thromboembolism in Patients With Atrial Fibrillation, 805

Simultaneous Biplane Single-Beat Assessment of Left Ventricular Systolic Function in Patients With Atrial Fibrillation, 942

*Sotalol* Versus *Propafenone* for Long-Term Maintenance of Normal Sinus Rhythm in Patients With Recurrent Symptomatic Atrial Fibrillation, 1563

Two Levels of Block Within a Pulmonary Vein, 412

Usefulness of Intracardiac Doppler Assessment of Left Atrial Function Immediately Post-Pulmonary Vein Antrum Isolation to Predict Short-Term Recurrence of Atrial Fibrillation, 951

Usefulness of Statins in Protecting Against Atrial Fibrillation, 1104

Usefulness of Transesophageal Echocardiography Using a Combined Probe When Converting Atrial Fibrillation to Sinus Rhythm, 470

Warfarin and Aspirin Use and the Predictors of Major Bleeding Complications in Atrial Fibrillation (the Framingham Heart Study), 947

## Atrial Fibrillation Follow-up Investigation of Rhythm Management (AFFIRM)

Rate Control in AFFIRM: Considerations About the Clinical Implications, 1104

## Atrial Fibrillation Symptoms Mediated by Pacing to Mean Rates (AF SYMPTOMS) Study

Effects of Ventricular Rate Regularization Pacing on Quality of Life and Symptoms in Patients With Atrial Fibrillation (Atrial Fibrillation Symptoms Mediated by Pacing to Mean Rates [AF SYMPTOMS Study]), 938

## Atrial Flutter

Effectiveness of Catheter Ablation for Coexisting Atrial Fibrillation and Atrial Flutter, 666

Outcome After Cavo-Tricuspid Isthmus Ablation in Patients With Recurrent Atrial Fibrillation and Drug-Related Typical Atrial Flutter, 504

Results of Catheter Ablation of Typical Atrial Flutter, 437

## Atrial Function

Determinants of Atrial Fibrillation Development in Patients With Hypertrophic Cardiomyopathy, 895

Usefulness of Intracardiac Doppler Assessment of Left Atrial Function Immediately Post-Pulmonary Vein Antrum Isolation to Predict Short-Term Recurrence of Atrial Fibrillation, 951

## Atrial Septal Aneurysm

Comparative Roles of the Atrial Septal Aneurysm Versus Patent Foramen Ovale in Systemic Embolization With Inferences from Neonatal Studies, 1341

## Atrial Septal Defect

Analysis of Right Ventricular Doppler Tissue Imaging and Load Dependence in Patients Undergoing Percutaneous Closure of Atrial Septal Defect, 1202

Comparison of Costs of Intracardiac Echocardiography and Transesophageal Echocardiography in Monitoring Percutaneous Device Closure of Atrial Septal Defects in Children and Adults, 690

Transthoracic Echocardiographic Guidance of Transcatheter Atrial Septal Defect Closure, 256

Usefulness of Three-Dimensional Echocardiographic Reconstruction of the Amplatzer Septal Occluder in Patients Undergoing Atrial Septal Closure, 1343

## Atrioventricular Nodal Reentrant Tachycardia

Slow Pathway Modification for Atrioventricular Nodal Reentrant Tachycardia, 1316

## Atrium. See Left Atrium

## Atropine

Comparison of Safety and Efficacy of the Early injection of *Atropine* During *Dobutamine* Stress Echocardiography With the Conventional Protocol, 1367

Exercise Echocardiography With Addition of *Atropine*, 346

## Autonomic Nervous System

Assessing Autonomic Function by Analysis of Heart Rate Recovery from Exercise, 64

## Aviation

Allowing a Pilot With Known Hypertrophic Obstructive Cardiomyopathy to Fly a Commercial Airliner Is Like Letting a Terrorist Aboard Such an Airplane Even Though He Had Triggered All the Alarms at the Airport Security Checkpoints, 543

## AWESOME Randomized Trial and Registry

Outcome of Percutaneous Coronary Intervention Versus Coronary Bypass Grafting for Patients With Low Left Ventricular Ejection Fractions, Unstable Angina Pectoris, and Risk Factors for Adverse Outcomes With Bypass (the AWESOME Randomized Trial and Registry), 118

## Azithromycin

Effect of *Azithromycin* Therapy on Coronary Circulation in Patients with Coronary Artery Disease, 1426

## BACH Study

Association of Aspirin Use With Vitamin B12 Deficiency (Results of the BACH Study), 975

## Behçet's Disease

Vascular Endothelial Function and Plasma Homocysteine Levels in Behçet's Disease, 522

## Bepridil

Atrial Fibrillatory Frequency, Atrial Fibrillatory Rate, or Atrial Cycle Length—Does It Matter?, 147

## Beta-Adrenergic Blocking Agents

Effects of *Carvedilol* on Plasma B-Type Natriuretic Peptide Concentration and Symptoms in Patients

With Heart Failure and Preserved Ejection Fraction, 448

Relation Between Contractile Reserve and Improvement in Left Ventricular Function With Beta-Blocker Therapy in Patients With Heart Failure Secondary to Ischemic or Idiopathic Dilated Cardiomyopathy, 860

## Biomarkers

Association of Platelet Count With Residual Thrombus in the Myocardial Infarct-Related Coronary Artery Among Patients Treated With Fibrinolytic Therapy for ST-Segment Elevation Acute Myocardial Infarction, 1406

Circulating Tenascin-C Levels in Patients With Idiopathic Dilated Cardiomyopathy, 1468

Effect of Radiofrequency Catheter Ablation on the Biochemical Marker Ischemia Modified Albumin, 234

N-Terminal Pro-Brain Natriuretic Peptide Reflects Pulmonary Capillary Leakage in Patients With Acute Dyspnea, 669

Plasma Brain Natriuretic Peptide in Obstructive Sleep Apnea, 529

Plasma N-Terminal Pro-B-Type Natriuretic Peptide for Prediction of Death or Nonfatal Myocardial Infarction Following Percutaneous Coronary Intervention, 1481

Prediction of Heart Transplant Rejection With a Breath Test for Markers of Oxidative Stress, 1593

Prognostic Usefulness of Plasma Monocyte/Macrophage and T-Lymphocyte Activation Markers in Patients With Acute Coronary Syndromes, 993

Relation of N-Terminal Pro-B-Type Natriuretic Peptide to Severity of Valvular Aortic Stenosis, 740

Soluble Fibrin, C-Reactive Protein, Fibrinogen, Factor VII, Antithrombin, Proteins C and S, Tissue Factor, D-Dimer, and Prothrombin Fragment 1 + 2 in Men With Acute Myocardial Infarction  $\leq 45$  Years of Age, 1410

Usefulness of an Elevated B-Type Natriuretic Peptide to Predict Allograft Failure, Cardiac Allograft Vasculopathy and Survival After Heart Transplantation, 454

Usefulness of Brain Natriuretic Peptide Levels to Discriminate Patients With Stable Angina Pectoris Without and With Electrocardiographic Myocardial Ischemia and Patients With Healed Myocardial Infarction, 780

Usefulness of N-Terminal-Pro-Brain Natriuretic Peptide Levels in Predicting Survival in Heart Transplant Recipients, 1585

## Bivalirudin

*Bivalirudin* Versus *Heparin* as an Antithrombotic Agent in Patients Treated With a Sirolimus-Eluting Stent, 1047

Effect of *Bivalirudin* on Length of Stay in the Recovery Area After Percutaneous Coronary Intervention Compared With *Heparin* Alone, *Heparin* + *Abciximab*, or *Heparin* + *Eptifibatid*, 1417

Value of Monitoring Activated Clotting Time When *Bivalirudin* Is Used as the Sole Anticoagulation Agent for Percutaneous Coronary Intervention, 789

## Black Tea

Will Green Tea Be Even Better Than Black Tea to Increase Coronary Flow Velocity Reserve?, 1223

## Bleeding. See also Hemorrhage

Clinical Characteristics of Persistent Lone Atrial Fibrillation in the RACE Study, 1486

Warfarin and Aspirin Use and the Predictors of Major Bleeding Complications in Atrial Fibrillation (the Framingham Heart Study), 947

## Blood Flow. See also Collateral Blood Flow; Coronary Flow; Hemodynamics

Effectiveness and Safety of the Proxys System in Demonstrating Retrograde Coronary Blood Flow During Proximal Occlusion and in Capturing Embolic Material, 1134

## Blood Pressure. See also Hypertension

Analysis of Late Risk of Systemic Blood Pressures  $< 120/80$  mm Hg, 1575

Development of Exercise-Induced Arm-Leg Blood Pressure Gradient and Abnormal Arterial Compliance in Patients with Repaired Coarctation of the Aorta, 1200

Effect of Oral L-Arginine on Oxidant Stress, Endothelial Dysfunction, and Systemic Arterial Pressure in Young Cardiac Transplant Recipients, 828

Effects of Hormone Replacement Therapy or *Raloxifene* on Ambulatory Blood Pressure and Arterial Stiffness in Treated Hypertensive Postmenopausal Women, 1453

A Further Subgroup Analysis of the Effects of the DASH Diet and Three Dietary Sodium Levels on Blood Pressure: Results of the DASH-Sodium Trial, 222

A Likely Explanation for the J-Curve of Blood Pressure Cardiovascular Risk, 380

Prevalence of Adequate Blood Pressure Control in Self-Pay or Medicare Patients Versus Medicaid or Private Insurance Patients With Systemic Hypertension Followed in a University Cardiology or General Medicine Clinic, 815

Prognostic Value of 24-Hour Ambulatory Blood Pressure Measurement for the Onset of Atrial Fibrillation in Treated Patients With Essential Hypertension, 1566

## Body Mass Index

Effect of Body Mass Index on Defibrillation Thresholds for Internal Cardioversion in Patients With Atrial Fibrillation, 370

Tissue Doppler Imaging of the Right and Left Ventricle in Severe Obesity (Body Mass Index  $> 35$  kg/m<sup>2</sup>), 1087

## Body Weight. See also Obesity

The Amish, Body Weight, and Exercise, 1221

## Bone Mineral Density

Relation of Low Bone Mineral Density and Carotid Atherosclerosis in Postmenopausal Women, 266

## Bosentan

Initial Experience With *Bosentan* Therapy in Patients With the Eisenmenger Syndrome, 261

## Brachial Artery

Brachial Artery Reactivity in Asymptomatic Patients With Type 2 Diabetes Mellitus and Microalbuminuria (from the Detection of Ischemia in Asymptomatic Diabetics-Brachial Artery Reactivity Study), 294

## Brachytherapy

Angiographic and Clinical Outcomes of Late Total Occlusion Versus Treatment Failure Without Late Total Occlusion in Patients After Intracoronary Radiation Therapy for In-Stent Restenosis, 1551

Angiographic and Three-Dimensional Intravascular Ultrasound Analysis of Combined Intracoronary Beta Radiation and Self-Expanding Stent Implantation in Human Coronary Arteries, 1237

Comparison of Acute and Long-Term Results and Underlying Mechanisms from Sirolimus-Eluting Stent Implantation for the Treatment of In-Stent Restenosis and Recurrent In-Stent Restenosis in Patients in Whom Intracoronary Radiation Failed as Assessed by Intravascular Ultrasound, 917

Effectiveness of *Sirolimus*-Eluting Stent Implantation for Treatment of In-Stent Restenosis After Brachytherapy Failure, 351

Relation of Clinical Success in Coronary Brachytherapy to Dose, 847

Two-Year Outcomes of Repeated Brachytherapy in Patients With Restenosis After Intracoronary Radiation Therapy, 1061

## Brain

Cerebral Oxygenation During Exercise and Exercise Recovery in Patients With Idiopathic Dilated Cardiomyopathy, 821

## Brugada Syndrome

*Flecainide* and *Propafenone* Induced ST-Segment Elevation in Patients With Atrial Fibrillation: Clue to Specificity of Brugada-Type Electrocardiographic Changes, 1184

Prevalence and Time of Appearance of Brugada Electrocardiographic Pattern in Young Male Adolescents from a Three-Year Follow-Up Study, 1186

Prevalence of Drug-Induced Electrocardiographic Pattern of the Brugada Syndrome in a Healthy Population, 230

Pseudopseudo-Brugada Syndrome Is a Preferred Term to Variants of the Variants of the Brugada Syndrome, 276

Virtual Cardiac Symposia: Worldwide, Internet-Based, Educational Forums for Cardiologists, 1588

## Bundle Branch Block

Prognostic Significance of Newly Acquired Bundle Branch Block After Aortic Valve Replacement, 1008

Prognostic Stratification of Patients With Right Bundle Branch Block Using *Dobutamine* Stress Echocardiography, 954

Quantification of Radial Mechanical Dyssynchrony in Patients With Left Bundle Branch Block and Idiopathic Dilated Cardiomyopathy Without Conduction Delay by Tissue Displacement Imaging, 514

## CADILLAC Trial

Magnitude and Impact of Treatment Delays on Weeknights and Weekends in Patients Undergoing Primary Angioplasty for Acute Myocardial Infarction (the CADILLAC Trial), 637

Predictors of and Outcomes of Early Thrombolysis Following Balloon Angioplasty Versus Primary Stenting in Acute Myocardial Infarction and Usefulness of *Abciximab* (The CADILLAC Trial), 983

## Caffeine

Wake Up and Smell the Caffeine, 981

Will Green Tea Be Even Better Than Black Tea to Increase Coronary Flow Velocity Reserve?, 1223

## Calcification

Mechanisms of Aortic Valve Calcification, 1396

## Calcium

Association Between Metabolic Syndrome and Subclinical Coronary Atherosclerosis in Asymptomatic Adults, 1554

Comparison of Low Risk and Higher Risk Profiles in Middle Age to Frequency and Quantity of Coronary Artery Calcium Years Later, 367

Epidemiology and Association of Vascular and Valvular Calcium Quantified by Multidetector Computed Tomography in Elderly Asymptomatic Subjects, 348

Prevalence and Determination of Breast Arterial Calcium in Women at High Risk of Cardiovascular Disease, 655

Relation of Coronary Calcium Progression and Control of Lipids According to National Cholesterol Education Program Guidelines, 431

Relation of Degree of Physical Activity to Coronary Artery Calcium Score in Asymptomatic Individuals With Multiple Metabolic Risk Factors, 729

Weights of Individual Cusps in Operatively Excised Stenotic Three-Cuspid Aortic Valves, 681

## Calcium-Phosphorus Product

Relation of Calcium-Phosphorus Product to the Severity of Aortic Stenosis in Patients With Normal Renal Function, 1196

## Cardiac Arrest

Efficacy of Distinct Energy Delivery Protocols Comparing Two Biphasic Defibrillators for Cardiac Arrest, 378

## Cardiac Rehabilitation

Cardiac Rehabilitation and Depression, 129

## Cardiac Resynchronization

Comparison of Left Ventricular-Biventricular Pacing on Ventricular Synchrony, Mitral Regurgitation, and Global Left Ventricular Function in Patients With Severe Chronic Heart Failure, 519

Comparison of Left Ventricular Lead Placement Via the Coronary Venous Approach Versus Lateral Thoracotomy in Patients Receiving Cardiac Resynchronization Therapy, 59

Comparison of Response to Cardiac Resynchronization Therapy in Patients With Sinus Rhythm Versus Chronic Atrial Fibrillation, 1506

Effect of Cardiac Resynchronization Therapy on Functional Mitral Regurgitation in Heart Failure, 1462

Effect of Left Ventricular Remodeling After Cardiac Resynchronization Therapy on Frequency of Ventricular Arrhythmias, 130

Initial Experience With Cardiac Resynchronization Therapy for Ventricular Dysfunction in Young Patients With Surgically Operated Congenital Heart Disease, 1352

Proportion of Patients in a Congestive Heart Failure Care Management Program Meeting Criteria for Cardiac Resynchronization Therapy, 673

Time Intervals of Cardiac Resynchronization Therapy in Heart Failure, 1192

Usefulness of the Peak Velocity Difference by Tissue Doppler Imaging Technique as an Effective Predictor of Response to Cardiac Resynchronization Therapy, 817

## Cardiac Tamponade

Repetitive Yawning Associated With Cardiac Tamponade, 701

## Cardiogenic Shock

Revascularization Among Patients With Acute Myocardial Infarction Complicated by Cardiogenic Shock and Impact of American College of Cardiology / American Heart Association Guidelines, 1281

## Cardiomyopathy

Allowing a Pilot With Known Hypertrophic Obstructive Cardiomyopathy to Fly a Commercial Airliner Is Like Letting a Terrorist Aboard Such an Airplane Even Though He Had Triggered All the Alarms at the Airport Security Checkpoints, 543

Apical Hypertrophic Cardiomyopathy in Japan and the United States in Brothers But Not Identical Twins, 981

Apoptotic Cardiomyocyte Death in Fatal Myocarditis, 746

Cerebral Oxygenation During Exercise and Exercise Recovery in Patients With Idiopathic Dilated Cardiomyopathy, 821

Circulating Tenascin-C Levels in Patients With Idiopathic Dilated Cardiomyopathy, 1468

Clinical Features of Hypertrophic Cardiomyopathy Caused by an Arg278Cys Missense Mutation in the Cardiac Troponin T Gene, 246

Comparison of Circulating Levels of Interleukin-6 and Tumor Necrosis Factor-Alpha in Hypertrophic Cardiomyopathy and in Idiopathic Dilated Cardiomyopathy, 249

Comparison of Echocardiographic Features of Noncompaction of the Left Ventricle in Adults Versus Idiopathic Dilated Cardiomyopathy in Adults, 389

Comparison of Long-Term Effect of Coronary Artery Bypass Grafting in Patients With Ischemic Cardiomyopathy With Viable Versus Nonviable Left Ventricular Myocardium, 757

Conservative Management of Complete Heart Block Complicating Percutaneous Transluminal Septal Myocardial Ablation for Patients With Obstructive Hypertrophic Cardiomyopathy, 982

Coronary Hemodynamics in Patients With Symptomatic Hypertrophic Cardiomyopathy, 685

Determinants of Atrial Fibrillation Development in Patients With Hypertrophic Cardiomyopathy, 895

Determinants of Outcome in Isolated Ventricular Noncompaction in Childhood, 1581

Differentiation of Constrictive Pericarditis from Restrictive Cardiomyopathy Using Mitral Annular Velocity by Tissue Doppler Echocardiography, 316

Evidence of Viral Infection in the Myocardium of American and Japanese Patients With Idiopathic Dilated Cardiomyopathy, 602

Familial Dilated Cardiomyopathy and Isolated Left Ventricular Noncompaction Associated With Lamin A/C Gene Mutations, 50

History and Personal Observations of Electrical Cardioversion of Atrial Fibrillation, 751

Isolated Noncompaction Involving the Left Ventricular Apex in Adults, 1214

Myocardial Microvascular Abnormalities Observed by Intravenous Myocardial Contrast Echocardiography in Patients With Hypertrophic Cardiomyopathy, 55

Pacing for Heart Block After Septal Reduction Therapy, 1224

Quantification of Radial Mechanical Dyssynchrony in Patients With Left Bundle Branch Block and Idiopathic Dilated Cardiomyopathy Without Conduction Delay by Tissue Displacement Imaging, 514

Relation Between Contractile Reserve and Improvement in Left Ventricular Function With Beta-Blocker Therapy in Patients With Heart Failure Secondary to Ischemic or Idiopathic Dilated Cardiomyopathy, 860

Relation of Dose of *Carvedilol* to Reduction in QT Dispersion in Patients With Mild to Moderate Heart Failure Secondary to Ischemic or to Idiopathic Dilated Cardiomyopathy, 1459

Usefulness of Electrocardiographic-Gated Stress Technetium-99m Sestamibi Single-Photon Computed Tomography to Differentiate Ischemic from Nonischemic Cardiomyopathy, 14

Usefulness of Left Atrial Volume as a Predictor of Mortality in Patients With Ischemic Cardiomyopathy, 760

Usefulness of Myocardial Contrast Echocardiographic Quantification of Risk Area for Predicting Postprocedural Complications in Patients Undergoing Septal Ethanol Ablation for Obstructive Hypertrophic Cardiomyopathy, 1515

Usefulness of Real-Time Three-Dimensional Echocardiography for Evaluation of Myectomy in Patients With Hypertrophic Cardiomyopathy, 964

## Cardiovascular Disease

Comparison of Ankle-Brachial Pressure Index and Pulse Wave Velocity as Markers of the Presence of Coronary Artery Disease in Subjects With a High Risk of Atherosclerotic Cardiovascular Disease, 868

Comparison of Prognostic Value of Left Ventricular Hypertrophy in African-American Men Versus Women, 1383

Prevalence and Determination of Breast Arterial Calcium in Women at High Risk of Cardiovascular Disease, 655

## Cardioversion

Comparative Effects of *Carvedilol* and *Amiodarone* on Conversion and Recurrence Rates of Persistent Atrial Fibrillation, 659

Comparison of Rectilinear Biphasic Waveform Energy Versus Truncated Exponential Biphasic Waveform Energy for Transthoracic Cardioversion of Atrial Fibrillation, 1438

Effect of Body Mass Index on Defibrillation Thresholds for Internal Cardioversion in Patients With Atrial Fibrillation, 370

Efficacy of Transthoracic Cardioversion of Atrial Fibrillation Using a Biphasic, Truncated Exponential Shock Waveform at Variable Initial Shock Energies, 1572

History and Personal Observations of Electrical Cardioversion of Atrial Fibrillation, 751

Predictive Value of Indexes of Inflammation and Hypercoagulability on Success of Cardioversion of Persistent Atrial Fibrillation, 508

Usefulness of Transesophageal Echocardiography Using a Combined Probe When Converting Atrial Fibrillation to Sinus Rhythm, 470

## Cardioverter-Defibrillator

Effectiveness of Early Implantation of Cardioverter Defibrillator for Postoperative Ventricular Tachyarrhythmia, 376

Temporal Aspects of Improved Survival With the Implanted Defibrillator (MADIT-II), 312

Upper Limit of Vulnerability Determination During Implantable Cardioverter-Defibrillator Placement to Minimize Ventricular Fibrillation Inductions, 1445

## Carotid Arteries

Comparison of Levels of Matrix Metalloproteinases, Tissue Inhibitor of Metalloproteinases, Interleukins, and Tissue Necrosis Factor in Carotid Endarterectomy Specimens from Patients on Versus Not on Statins Preoperatively, 144

Effect of Chronic Kidney Disease on Outcomes After Carotid Artery Stenting, 1093

Prevalence of Coronary Heart Disease and Carotid Arterial Thickening in Patients With the Metabolic Syndrome (The ARIC Study), 1249

Relation of Aortic Valve Sclerosis to Carotid Artery Intima-Media Thickening in Healthy Subjects, 837

Relation of Low Bone Mineral Density and Carotid Atherosclerosis in Postmenopausal Women, 266

## Carvedilol

Comparative Effects of *Carvedilol* and *Amiodarone* on Conversion and Recurrence Rates of Persistent Atrial Fibrillation, 659

Early Detection by the Tei Index of *Carvedilol*-Induced Improved Left Ventricular Function in Patients With Heart Failure, 1456

Effects of *Carvedilol* on Plasma B-Type Natriuretic Peptide Concentration and Symptoms in Patients With Heart Failure and Preserved Ejection Fraction, 448

Relation of Dose of *Carvedilol* to Reduction in QT Dispersion in Patients With Mild to Moderate Heart Failure Secondary to Ischemic or to Idiopathic Dilated Cardiomyopathy, 1459

## Castelli, William Peter

Interview, 609

## Catecholamines

Limitations of Studies on Vasovagal Syncope, 149

## Catheter Intervention

Circumferential Pulmonary Vein Ablation for Treatment of Atrial Fibrillation Using an Irrigated-Tip Catheter, 945

Comparison of P Waves Recorded on the Standard Electrocardiogram, the "Lewis Lead" and "Saline-Filled Central Venous Catheter"-Based Intracardiac Electrocardiogram, 474

Comparison of the Risk of Vascular Complications Associated With Femoral and Radial Access Coronary Catheterization Procedures in Obese Versus Nonobese Patients, 1174

Effectiveness of Catheter Ablation for Coexisting Atrial Fibrillation and Atrial Flutter, 666

Effect of Radiofrequency Catheter Ablation on the Biochemical Marker Ischemia Modified Albumin, 234

Results of Catheter Ablation of Typical Atrial Flutter, 437

Transthoracic Echocardiographic Guidance of Transcatheter Atrial Septal Defect Closure, 256

Usefulness of Multislice Computed Tomography An-

giography to Evaluate Intravascular Stents and Transcatheter Occlusion Devices in Patients With d-Transposition of the Great Arteries After Mustard Repair, 967

## CD40 Ligand

Effect of *Atorvastatin* on the Expression of CD40 Ligand and P-Selectin on Platelets in Patients With Hypercholesterolemia, 364

## Cerebrovascular Accident. See Stroke

## Cerebrovascular Disease

Prevalence of Coronary Artery Disease, Lower Extremity Peripheral Arterial Disease, and Cerebrovascular Disease in 110 Men With an Abdominal Aortic Aneurysm, 1358

## Cerivastatin

Risk of Adverse Events With Fibrates, 935

## Chagas' Disease

Reactivation of Cardiac Chagas' Disease in Acquired Immune Deficiency Syndrome, 1102

## Chest Pain. See also Angina Pectoris

Comparison of Presenting Features, Diagnostic Tools, Hospital Outcomes, and Quality of Care Indicators in Older (>65 Years) to Younger, Men to Women, and Diabetics to Nondiabetics With Acute Chest Pain Triage in the Emergency Department, 216

Recurrent Pain Without Evidence of Disease in Patients With Previous Idiopathic or Viral Acute Pericarditis, 973

Utility and Diagnostic Accuracy of Hand-Carried Ultrasound for Emergency Room Evaluation of Chest Pain, 408

## Children. See Pediatrics

## Cholesterol. See High-Density Lipoprotein; Hypercholesterolemia; Low-Density Lipoprotein

## Chronic Obstructive Pulmonary Disease

Effect of Chronic Obstructive Pulmonary Disease on Survival of Patients With Coronary Heart Disease Having Percutaneous Coronary Intervention, 649

## Citrus Aurantium

Safety and Efficacy of Citrus Aurantium for Weight Loss, 1359

## Clopidogrel

Comparison of Long-Term Usefulness of *Clopidogrel* Therapy After the First Percutaneous Coronary Intervention or Coronary Artery Bypass Grafting Versus That After the Second or Repeat Intervention, 623

Effect of *Clopidogrel* Pretreatment on Periprocedural Rise in C-Reactive Protein After Percutaneous Coronary Intervention, 358

## Coenzyme Q<sub>10</sub>

Effect of *Atorvastatin* on Left Ventricular Diastolic Function and Ability of Coenzyme Q<sub>10</sub> to Reverse That Dysfunction, 1306

## Collateral Blood Flow

Comparison of Stress-Induced Myocardial Ischemia in Patients With and Without Coronary Arterial Collaterals, 1232

## Complete Heart Block

Conservative Management of Complete Heart Block Complicating Percutaneous Transluminal Septal Myocardial Ablation for Patients With Obstructive Hypertrophic Cardiomyopathy, 982

Effects of Race and Health Insurance on the Rates of Pacemaker Implantation for Complete Heart Block in the United States, 227

Pacing for Heart Block After Septal Reduction Therapy, 1224

## Compliance

Comparison of Once Daily Versus Twice Daily Oral Nitrates in Stable Angina Pectoris, 213

Impact of Nonprescriptive Factors on Low-Density Lipoprotein Cholesterol Reduction With Statins, 1310

Safety and Compliance With Once-Daily *Niacin* Extended-Release/*Lovastatin* as Initial Therapy in the Impact of Medical Subspecialty on Patient Compliance to Treatment (IMPACT) Study, 306

## Complications

Association of Race With Complications and Prognosis Following Acute Coronary Syndromes, 792

Comparison of Femoral Bleeding Complications After Coronary Angiography Versus Percutaneous Coronary Intervention, 361

Comparison of Left Ventricular Lead Placement Via the Coronary Venous Approach Versus Lateral Thoracotomy in Patients Receiving Cardiac Resynchronization Therapy, 59

Comparison of the Risk of Vascular Complications Associated With Femoral and Radial Access Coronary Catheterization Procedures in Obese Versus Nonobese Patients, 1174

Effect of Statin Therapy Prior to Elective Percutaneous Coronary Intervention on Frequency of Periprocedural Myocardial Injury, 1361

Impact of Fluid Balance on Incidence of Atrial Fibrillation After Cardiothoracic Surgery, 1423

Mortality Rates and Hemorrhagic Complications in Asian-Pacific Islanders During Treatment of Acute Myocardial Infarction, 644

Outcome and Complications of Retrievable Inferior Vena Cava Filters, 1090

Usefulness of Myocardial Contrast Echocardiographic Quantification of Risk Area for Predicting Postprocedural Complications in Patients Undergoing Septal Ethanol Ablation for Obstructive Hypertrophic Cardiomyopathy, 1515

Warfarin and Aspirin Use and the Predictors of Major Bleeding Complications in Atrial Fibrillation (the Framingham Heart Study), 947

## Computed Tomography. See also Electron Beam Tomography; Single-Photon Emission Computed Tomography

Characterization of Vulnerable Nonstenotic Plaque With 16-Slice Computed Tomography Compared With Intravascular Ultrasound, 99

Comparison of Eight- Versus 16-Slice Multidetector-Row Computed Tomography for Visibility and Image Quality of Coronary Segments, 1539

Comparison of Measurement of Cross-Sectional Coronary Atherosclerotic Plaque and Vessel Areas by

16-Slice Multidetector Computed Tomography Versus Intravascular Ultrasound, 1294

Epidemiology and Association of Vascular and Valvular Calcium Quantified by Multidetector Computed Tomography in Elderly Asymptomatic Subjects, 348

Feasibility of Assessment of Coronary Stent Patency Using 16-Slice Computed Tomography, 427

Standard Versus User-Interactive Assessment of Significant Coronary Stenoses With Multislice Computed Tomography Coronary Angiography, 1590

Usefulness of Multislice Computed Tomography Angiography to Evaluate Intravascular Stents and Transcatheter Occlusion Devices in Patients With d-Transposition of the Great Arteries After Mustard Repair, 967

## Congenital Heart Disease

Clinical Role, Accuracy, and Technical Aspects of Cardiovascular Magnetic Resonance Imaging in Infants, 69

Comparison of Costs of Intracardiac Echocardiography and Transesophageal Echocardiography in Monitoring Percutaneous Device Closure of Atrial Septal Defects in Children and Adults, 690

Congenital Heart Disease and Abnormalities of the Great Vessels, 278

Diagnosis and Management of Restricted or Closed Foramen Ovale in Fetuses With Congenital Heart Disease, 1348

Diagnosis and Outcome of Dextrocardia Diagnosed in the Fetus, 141

Erythrocyte Indexes, Iron Metabolism, and Hyperhomocysteinemia in Adults With Cyanotic Congenital Cardiac Disease, 825

Extramural Coronary Arteries in Adults With Cyanotic Congenital Heart Disease, 1355

Frequency of Aortic Root Dilation in Children With a Bicuspid Aortic Valve, 1337

Implications and Limitations of an Abnormal Fetal Echocardiogram, 688

Increased QT Dispersion and Loss of Sinus Rhythm as Risk Factors for Late Sudden Death After Mustard or Senning Procedures for Transposition of the Great Arteries, 138

Initial Experience With Cardiac Resynchronization Therapy for Ventricular Dysfunction in Young Patients With Surgically Operated Congenital Heart Disease, 1352

Quality of Life and Social Outcomes in Adults With Congenital Heart Disease Living in Rural Areas of Kentucky, 263

Risk Factors for Aortic Valve Dysfunction in Children With Discrete Subvalvar Aortic Stenosis, 459

Safety and Feasibility of Using Serial Infusions of *Nesiritide* for Heart Failure in an Outpatient Setting (from the FUSION I Trial), 595

Usefulness of Three-Dimensional Echocardiographic Reconstruction of the Amplatzer Septal Occluder in Patients Undergoing Atrial Septal Closure, 1343

Weights of Individual Cusps in Operatively Excised Congenitally Bicuspid Stenotic Aortic Valves, 678

Weights of Individual Cusps in Operatively Excised Stenotic Three-Cuspid Aortic Valves, 681

## Congestive Heart Failure. See Heart Failure

## Contrast

Characteristics and Prevalence of Intrapulmonary Shunt Detected by Contrast Echocardiography With Harmonic Imaging in Liver Transplant Candidates, 525

Comparison of Real-Time Myocardial Contrast Echocardiography for the Assessment of Myocardial Viability With Fluorodeoxyglucose-18 Positron Emission Tomography and *Dobutamine* Stress Echocardiography, 570

Myocardial Microvascular Abnormalities Observed by Intravenous Myocardial Contrast Echocardiography in Patients With Hypertrophic Cardiomyopathy, 55

Quantification of Myocardial Infarct Size and Transmurality by Contrast-Enhanced Magnetic Resonance Imaging in Men, 284

Salvage of Nondiagnostic Transthoracic Echocardiograms on Patients in Intensive Care Units with Intravenous Ultrasound Contrast, 409

Significant Statistical Heterogeneity in a Meta-Analysis of the Usefulness of Acetylcysteine for Prevention of Contrast Nephropathy, 414

Usefulness of Myocardial Contrast Echocardiographic Quantification of Risk Area for Predicting Postprocedural Complications in Patients Undergoing Septal Ethanol Ablation for Obstructive Hypertrophic Cardiomyopathy, 1515

Usefulness of Myocardial Contrast Echocardiography in Predicting Global Left Ventricular Functional Recovery After Anterior Wall Acute Myocardial Infarction, 340

Usefulness of Real-Time Myocardial Perfusion Imaging in the Evaluation of Patients With First Time Chest Pain, 1225

## Conversation With the Editor. See Interview

## Copenhagen City Heart Study

Comparison of the Impact of Atrial Fibrillation on the Risk of Stroke and Cardiovascular Death in Women Versus Men (the Copenhagen City Heart Study), 889

## Coronary Arteries

Extramural Coronary Arteries in Adults With Cyanotic Congenital Heart Disease, 1355

## Coronary Artery Bypass Grafting. See also Revascularization

Cardiac Troponin T Elevation After Coronary Artery Bypass Grafting Is Associated With Increased One-Year Mortality, 879

Comparison of Late (Four Years) Functional Health Status Between Percutaneous Transluminal Angioplasty Intervention and Off-Pump Left Internal Mammary Artery Bypass Grafting for Isolated High-Grade Narrowing of the Proximal Left Anterior Descending Coronary Artery, 1414

Comparison of Long-Term Effect of Coronary Artery Bypass Grafting in Patients With Ischemic Cardiomyopathy With Viable Versus Nonviable Left Ventricular Myocardium, 757

Comparison of Long-Term Usefulness of *Clopidogrel* Therapy After the First Percutaneous Coronary Intervention or Coronary Artery Bypass Grafting Versus That After the Second or Repeat Intervention, 623



- Comparison of Quality of Life After Repeat Versus Initial Coronary Artery Bypass Grafting, 494
- Comparison of Three-Year Outcomes After Coronary Stenting Versus Coronary Artery Bypass Grafting in Patients With Multivessel Coronary Disease, Including Involvement of the Left Anterior Descending Coronary Artery Proximally (a Subanalysis of the Arterial Revascularization Therapies Study Trial), 627
- Coronary Artery Bypass: A User's Manual, 172
- Effectiveness of Oral *Propafenone* for the Prevention of Atrial Fibrillation After Coronary Artery Bypass Grafting, 663
- Effect of *Enalapril* and *Losartan* on Cytokines in Patients With Stable Angina Pectoris Awaiting Coronary Artery Bypass Grafting and Their Interaction With Polymorphisms in the Interleukin-6 Gene, 564
- Influence of Coronary Artery Bypass Grafting on Heart Rate Turbulence Parameters, 186
- Outcome of Percutaneous Coronary Intervention Versus Coronary Bypass Grafting for Patients With Low Left Ventricular Ejection Fractions, Unstable Angina Pectoris, and Risk Factors for Adverse Outcomes With Bypass (the AWESOME Randomized Trial and Registry), 118
- Sensitivity, Specificity, Positive Predictive Value, and Negative Predictive Value of the *Dipyridamole* Sestamibi Stress Test in Predicting Graft Occlusion or  $\geq 50\%$  New Native Coronary Artery Disease in Men Versus Women and in Patients Aged  $\geq 65$  Years Versus  $< 65$  Years Who Had Prior Coronary Artery Bypass Grafting, 625
- Coronary Artery Disease. See also Angina Pectoris**
- Ability of Troponin T to Predict Angiographic Coronary Artery Disease in Patients With Chronic Kidney Disease, 834
- Accuracy of Measurement of Left Ventricular Volume and Ejection Fraction by New Real-Time Three-Dimensional Echocardiography in Patients With Wall Motion Abnormalities Secondary to Myocardial Infarction, 552
- Angiographic and Three-Dimensional Intravascular Ultrasound Analysis of Combined Intracoronary Beta Radiation and Self-Expanding Stent Implantation in Human Coronary Arteries, 1237
- Assessing the Prognostic Value of Coronary Endothelial Function in Patients Referred for a First Coronary Angiogram, 1063
- Assessment of Systemic Inflammation and Infective Pathogen Burden in Patients With Cardiac Syndrome X, 40
- Brachial Artery Reactivity in Asymptomatic Patients With Type 2 Diabetes Mellitus and Microalbuminuria (from the Detection of Ischemia in Asymptomatic Diabetics-Brachial Artery Reactivity Study), 294
- Cardiac Troponin T Elevation After Coronary Artery Bypass Grafting Is Associated With Increased One-Year Mortality, 879
- A Change in Serum Myoglobin to Detect Acute Myocardial Infarction in Patients With Normal Troponin I Levels, 864
- Comparison in Patients Having Primary Coronary Angioplasty of *Abciximab* Versus *Tirofiban* on Recovery of Left Ventricular Function, 35
- Comparison of Ankle-Brachial Pressure Index and Pulse Wave Velocity as Markers of the Presence of Coronary Artery Disease in Subjects With a High Risk of Atherosclerotic Cardiovascular Disease, 868
- Comparison of C-Reactive Protein Levels in Patients With Coronary Artery Ectasia Versus Patients With Obstructive Coronary Artery Disease, 1303
- Comparison of Endothelial Function in Young Men and Women With a Family History of Premature Coronary Artery Disease, 783
- Comparison of Outcomes of Percutaneous Coronary Intervention of Ostial Versus Nonostial Narrowing of the Major Epicardial Arteries, 583
- Comparison of Real-Time Myocardial Contrast Echocardiography for the Assessment of Myocardial Viability With Fluorodeoxyglucose-18 Positron Emission Tomography and *Dobutamine* Stress Echocardiography, 570
- Comparison of Safety and Efficacy of the Early injection of *Atropine* During *Dobutamine* Stress Echocardiography With the Conventional Protocol, 1367
- Comparison of Stress-Induced Myocardial Ischemia in Patients With and Without Coronary Arterial Collaterals, 1232
- Comparison of the Extent and Severity of Coronary Artery Disease in Patients With Acute Myocardial Infarction With and Without Microalbuminuria, 334
- Comparison of the Risk of Vascular Complications Associated With Femoral and Radial Access Coronary Catheterization Procedures in Obese Versus Nonobese Patients, 1174
- Comparison of Three-Year Outcomes in Blacks Versus Whites With Coronary Heart Disease Following Percutaneous Coronary Intervention, 647
- Coronary Flow Reserve of the Angiographically Normal Left Anterior Descending Coronary Artery in Patients With Remote Coronary Artery Disease, 577
- Design and Baseline Characteristics of the Incremental Decrease in End Points Through Aggressive Lipid Lowering Study, 720
- Dietary Recommendations in the Prevention and Treatment of Coronary Heart Disease: Do We Have the Ideal Diet Yet?, 1260
- Differential Prognostic Significance of Peri-Infarction Versus Remote Myocardial Ischemia on Stress Technetium-99m Sestamibi Tomography in Patients With Healed Myocardial Infarction, 289
- Disparate Opinions Regarding Indications for Coronary Artery Revascularization Before Elective Vascular Surgery, 1124
- Double Jeopardy of Renal Insufficiency and Anemia in Patients Undergoing Percutaneous Coronary Interventions, 30
- Early Effects of Statins in Patients With Coronary Artery Disease and High C-Reactive Protein, 1107
- Effectiveness and Safety of the Proxis System in Demonstrating Retrograde Coronary Blood Flow During Proximal Occlusion and in Capturing Embolic Material, 1134
- Effectiveness of Sirolimus-Eluting Stent Implantation for the Treatment of Coronary Artery Disease in Octogenarians, 909
- Effect of Antecedent Hypertension on Subsequent Left Ventricular Dilation After Acute Myocardial Infarction (from the Survival and Ventricular Enlargement Trial), 1
- Effect of *Azithromycin* Therapy on Coronary Circulation in Patients with Coronary Artery Disease, 1426
- Effect of Chronic Obstructive Pulmonary Disease on Survival of Patients With Coronary Heart Disease Having Percutaneous Coronary Intervention, 649
- Effect of Intracoronary *Adenosine* Infusion During Coronary Intervention on Myocardial Reperfusion Injury in Patients With Acute Myocardial Infarction, 9
- Effect of Statin Therapy Prior to Elective Percutaneous Coronary Intervention on Frequency of Periprocedural Myocardial Injury, 1361
- Effects of *Atorvastatin* (10 mg) on Hemostatic and Inflammatory Parameters in Hyperlipidemic Patients With Angiographically Proven Coronary Artery Disease, 206
- Effects of *Rosiglitazone* on Endothelial Function in Men With Coronary Artery Disease Without Diabetes Mellitus, 151
- Efficacy and Safety of Two Unfractionated Heparin Dosing Strategies With *Tenecteplase* in Acute Myocardial Infarction (Results from Assessment of the Safety and Efficacy of New Thrombolytic Regimens 2 and 3), 279
- Feasibility of Assessment of Coronary Stent Patency Using 16-Slice Computed Tomography, 427
- Framingham Risk Score and Prediction of Lifetime Risk for Coronary Heart Disease, 20
- Frequency of Elevation of C-Reactive Protein in Atrial Fibrillation, 1255
- Gender Differences in the Value of ST-Segment Depression During *Adenosine* Stress Testing, 997
- Impact of Chronic Kidney Disease on Prognosis of Patients With Diabetes Mellitus Treated With Percutaneous Coronary Intervention, 300
- Impact of Contemporary Guideline Compliance on Risk Stratification Models for Acute Coronary Syndromes in The Registry of Acute Coronary Syndromes, 873
- Impact of Interventionalist Volume, Experience, and Board Certification on Coronary Angioplasty Outcomes in the Era of Stenting, 421
- Influence of Coronary Artery Bypass Grafting on Heart Rate Turbulence Parameters, 186
- In-Hospital Management and Outcome in Women With Acute Myocardial Infarction (Data from the AMI-Florence Registry), 1118
- Intravascular Ultrasonic Comparative Analysis of Degree of Intimal Hyperplasia Produced by Four Different Stents in the Coronary Arteries, 1548
- Lack of Usefulness of Electron Beam Computed Tomography for Detecting Coronary Allograft Vasculopathy, 202
- Long-Term Prognosis of Patients Having Acute Myocardial Infarction When  $\leq 40$  Years of Age, 989
- Long-Term Survival of Childhood Coronary Artery Disease in a Patient Severely Affected With Familial Hypercholesterolemia, 699
- New Electrocardiographic Criteria for Identifying the Culprit Artery in Inferior Wall Acute Myocardial Infarction—Usefulness of T-Wave Amplitude Ratio in Leads II/III and T-Wave Polarity in the Right V<sub>6</sub> Lead, 1168
- Novel Stress Echocardiographic Model Incorporating the Extent and Severity of Wall Motion Abnormality for Risk Stratification and Prognosis, 715
- One-Year Outcome of Patients After Acute Coronary

- Syndromes (from the Canadian Acute Coronary Syndromes Registry), 25
- Plasma N-Terminal Pro-B-Type Natriuretic Peptide for Prediction of Death or Nonfatal Myocardial Infarction Following Percutaneous Coronary Intervention, 1481
- Predictors of and Outcomes of Early Thrombosis Following Balloon Angioplasty Versus Primary Stenting in Acute Myocardial Infarction and Usefulness of *Abciximab* (The CADILLAC Trial), 983
- Prevalence of Angiographic Coronary Artery Disease in Patients Hospitalized for Acute Diastolic Heart Failure Without Clinical and Electrocardiographic Evidence of Myocardial Ischemia on Admission, 133
- Prevalence of Coronary Artery Disease, Lower Extremity Peripheral Arterial Disease, and Cerebrovascular Disease in 110 Men With an Abdominal Aortic Aneurysm, 1358
- Prevalence of Coronary Heart Disease and Carotid Arterial Thickening in Patients With the Metabolic Syndrome (The ARIC Study), 1249
- Prevention of Primary Ventricular Fibrillation in Acute Myocardial Infarction With Prophylactic *Lidocaine*, 545
- Prognostic Usefulness of Plasma Monocyte/Macrophage and T-Lymphocyte Activation Markers in Patients With Acute Coronary Syndromes, 993
- Prognostic Value of *Dobutamine* Stress Echocardiography in Patients With Systemic Hypertension and Known or Suspected Coronary Artery Disease, 733
- Prognostic Value of Endocardial Electromechanical Mapping in Patients With Left Ventricular Dysfunction Undergoing Percutaneous Coronary Intervention, 1129
- Prognostic Value of Exercise Echocardiography in Patients With Classic Angina Pectoris, 559
- Quantification of Myocardial Infarct Size and Transmurality by Contrast-Enhanced Magnetic Resonance Imaging in Men, 284
- Quantitative Relation of ST-Segment Depression During Exercise to the Magnitude of Myocardial Ischemia as Assessed by Single-Photon Emission Computed Tomographic Myocardial Perfusion Imaging, 703
- Relation of Augmented Platelet Reactivity to the Magnitude of Distribution of Atherosclerosis, 725
- Relation of Clinical Success in Coronary Brachytherapy to Dose, 847
- Sensitivity, Specificity, Positive Predictive Value, and Negative Predictive Value of the *Dipyridamole* Sestamibi Stress Test in Predicting Graft Occlusion or  $\geq 50\%$  New Native Coronary Artery Disease in Men Versus Women and in Patients Aged  $\geq 65$  Years Versus  $< 65$  Years Who Had Prior Coronary Artery Bypass Grafting, 625
- Sequential Risk Stratification Using TIMI Risk Score and TIMI Flow Grade Among Patients Treated With Fibrinolytic Therapy for ST-Segment Elevation Acute Myocardial Infarction, 1113
- Short-Term (28 Days) Prognosis Between Genders According to the Type of Coronary Event (Q-Wave Versus Non-Q-Wave Acute Myocardial Infarction Versus Unstable Angina Pectoris), 1161
- Simultaneous Kissing Stents (SKS) Technique for Treating Bifurcation Lesions in Medium-to-Large Size Coronary Arteries, 913
- Standard Versus User-Interactive Assessment of Significant Coronary Stenoses With Multislice Computed Tomography Coronary Angiography, 1590
- ST Elevation in Lead aVR as a Sign of Left Main Disease—Perpetuating an Error?, 542
- ST-Segment Resolution 60 Minutes After Combination Treatment of *Abciximab* With *Reteplase* or *Reteplase* Alone for Acute Myocardial Infarction (30-Day Mortality Results from the Resolution of ST-Segment After Reperfusion Therapy Substudy), 859
- Therapeutic Delay and Reduced Functional Status Six Months After Thrombolysis for Acute Myocardial Infarction, 415
- Usefulness of Electrocardiographic-Gated Stress Technetium-99m Sestamibi Single-Photon Computed Tomography to Differentiate Ischemic from Nonischemic Cardiomyopathy, 14
- Usefulness of Real-Time Myocardial Perfusion Imaging in the Evaluation of Patients With First Time Chest Pain, 1225
- Utility of the Safe-Cross-Guided Radiofrequency Total Occlusion Crossing System in Chronic Coronary Total Occlusions (Results from the Guided Radio Frequency Energy Ablation of Total Occlusions Registry Study), 853
- Value of Electrocardiographic Algorithm Based on "Ups and Downs" of ST in Assessment of a Culprit Artery in Evolving Inferior Myocardial Infarction, 709
- Vascular Remodeling and Plaque Composition Between Focal and Diffuse Coronary Lesions Assessed by Intravascular Ultrasound, 1067
- A 25-Year Perspective Into the Changing Landscape of Patients Hospitalized With Acute Myocardial Infarction (the Worcester Heart Attack Study), 1373
- Coronary Artery Ectasia**
- Comparison of C-Reactive Protein Levels in Patients With Coronary Artery Ectasia Versus Patients With Obstructive Coronary Artery Disease, 1303
- Frequency of Coronary Artery Ectasia in Patients Undergoing Surgery for Ascending Aortic Aneurysms, 1433
- Coronary Flow**
- Coronary Flow Reserve of the Angiographically Normal Left Anterior Descending Coronary Artery in Patients With Remote Coronary Artery Disease, 577
- Effect of *Azithromycin* Therapy on Coronary Circulation in Patients with Coronary Artery Disease, 1426
- Prognostic Value of Endocardial Electromechanical Mapping in Patients With Left Ventricular Dysfunction Undergoing Percutaneous Coronary Intervention, 1129
- Usefulness of Coronary Flow Reserve Immediately After Primary Coronary Stenting in Predicting Wall Motion Recovery in Patients With Anterior Wall Acute Myocardial Infarction, 1033
- Will Green Tea Be Even Better Than Black Tea to Increase Coronary Flow Velocity Reserve?, 1223
- Coronary Sinus**
- Usefulness of Temporary Left Ventricular Pacing Through the Coronary Sinus as an Adjunct to Transfemoral Percutaneous Coronary Intervention, 1055
- Corrections**, 150, 543, 544, 982, 1105, 1106, 1480
- Costs and Cost Analysis**
- Comparison of Costs of Intracardiac Echocardiography and Transesophageal Echocardiography in Monitoring Percutaneous Device Closure of Atrial Septal Defects in Children and Adults, 690
- Comparison of Percutaneous Closure of Large Patent Ductus Arteriosus by Multiple Coils Versus the Amplatzer Duct Occluder Device, 252
- Effect of *Bivalirudin* on Length of Stay in the Recovery Area After Percutaneous Coronary Intervention Compared With *Heparin* Alone, *Heparin* + *Abciximab*, or *Heparin* + *Eptifibatide*, 1417
- Effects of Race and Health Insurance on the Rates of Pacemaker Implantation for Complete Heart Block in the United States, 227
- Use of B-Type Natriuretic Peptide for the Management of Women With Dyspnea, 1510
- Counterpulsation**
- In-Hospital Mortality Associated With the Use of Intra-Aortic Balloon Counterpulsation, 181
- Coxsackievirus**
- Evidence of Viral Infection in the Myocardium of American and Japanese Patients With Idiopathic Dilated Cardiomyopathy, 602
- C-Reactive Protein**
- Comparison of C-Reactive Protein Levels in Patients With Coronary Artery Ectasia Versus Patients With Obstructive Coronary Artery Disease, 1303
- Early Effects of Statins in Patients With Coronary Artery Disease and High C-Reactive Protein, 1107
- Effect of *Clopidogrel* Pretreatment on Periprocedural Rise in C-Reactive Protein After Percutaneous Coronary Intervention, 358
- Effect of HMR 3339, a Novel Selective Estrogen Receptor Modulator, on C-Reactive Protein Levels in Healthy Postmenopausal Women, 1205
- Frequency of Elevation of C-Reactive Protein in Atrial Fibrillation, 1255
- Platelet Aggregation Inhibition Blocks C-Reactive Protein and Interleukin-6 (IL-6) Elevation After the Coronary Angioplasty: Effect of the  $-174$  G/C IL-6 Gene Polymorphism, 1300
- Predictive Value of Indexes of Inflammation and Hypercoagulability on Success of Cardioversion of Persistent Atrial Fibrillation, 508
- Relation of C-Reactive Protein Correlates With Risk of Thromboembolism in Patients With Atrial Fibrillation, 805
- Relation of C-Reactive Protein to Restenosis After Coronary Stent Implantation and to Restenosis After Coronary Atherectomy, 104
- Serum C-Reactive Protein and Lipids in Ultra-Marathon Runners, 125
- Soluble Fibrin, C-Reactive Protein, Fibrinogen, Factor VII, Antithrombin, Proteins C and S, Tissue Factor, D-Dimer, and Prothrombin Fragment 1 + 2 in Men With Acute Myocardial Infarction  $\leq 45$  Years of Age, 1410
- Usefulness of C-Reactive Protein and Left Ventricular Function for Risk Assessment in Survivors of Acute Myocardial Infarction, 766
- Creatinine**
- Causes of Acute Renal Dysfunction After Percutaneous Coronary Intervention and Comparison of Late Mor-

ality Rates With Postprocedure Rise of Creatinine Kinase-MB Versus Rise of Serum Creatinine, 786  
Effect of Elevated Admission Serum Creatinine and Its Worsening on Outcome in Hospitalized Patients With Decompensated Heart Failure, 957

### Culprit Artery

Effect of Rescue or Adjunctive Percutaneous Coronary Intervention of the Culprit Artery After Fibrinolytic Administration on Epicardial Flow in Nonculprit Arteries, 178

New Electrocardiographic Criteria for Identifying the Culprit Artery in Inferior Wall Acute Myocardial Infarction—Usefulness of T-Wave Amplitude Ratio in Leads II/III and T-Wave Polarity in the Right V<sub>5</sub> Lead, 1168

Value of Electrocardiographic Algorithm Based on “Ups and Downs” of ST in Assessment of a Culprit Artery in Evolving Inferior Myocardial Infarction, 709

**CUSTOM Study**, 1243, 1362

### Cytochrome P-450

Comparative Pharmacokinetic Interaction Profiles of *Pravastatin*, *Simvastatin*, and *Atorvastatin* When Coadministered With Cytochrome P450 Inhibitors, 1140

Effect of *Amiodarone* on the Plasma Levels of *Metoprolol*, 1319

### Cytokines

Comparison of Circulating Levels of Interleukin-6 and Tumor Necrosis Factor-Alpha in Hypertrophic Cardiomyopathy and in Idiopathic Dilated Cardiomyopathy, 249

Comparison of Circulating Proinflammatory Cytokines and Soluble Apoptosis Mediators in Patients With Chronic Heart Failure With Versus Without Symptoms of Depression, 1326

Comparison of Levels of Matrix Metalloproteinases, Tissue Inhibitor of Metalloproteinases, Interleukins, and Tissue Necrosis Factor in Carotid Endarterectomy Specimens from Patients on Versus Not on Statins Preoperatively, 144

Effect of *Enalapril* and *Losartan* on Cytokines in Patients With Stable Angina Pectoris Awaiting Coronary Artery Bypass Grafting and Their Interaction With Polymorphisms in the Interleukin-6 Gene, 564

Impact of *Levosimendan* Treatment on Chronic Heart Failure, 1105

### DASH-Sodium Trial

A Further Subgroup Analysis of the Effects of the DASH Diet and Three Dietary Sodium Levels on Blood Pressure: Results of the DASH-Sodium Trial, 222

### Decompression Illness

Identification of Professional Scuba Divers With Patent Foramen Ovale at Risk for Decompression Illness, 270

### Deep Vein Thrombosis

Seasonal Variation of Venous Thromboembolic Disease, 276

### Defibrillation

Comparison of Rectilinear Biphasic Waveform Energy Versus Truncated Exponential Biphasic Waveform Energy for Transthoracic Cardioversion of Atrial Fibrillation, 1438

Effectiveness of Early Implantation of Cardioverter Defibrillator for Postoperative Ventricular Tachyarrhythmia, 376

Effect of Body Mass Index on Defibrillation Thresholds for Internal Cardioversion in Patients With Atrial Fibrillation, 370

Efficacy of Distinct Energy Delivery Protocols Comparing Two Biphasic Defibrillators for Cardiac Arrest, 378

Temporal Aspects of Improved Survival With the Implanted Defibrillator (MADIT-II), 312

### Depression

Cardiac Rehabilitation and Depression, 129

Comparison of Circulating Proinflammatory Cytokines and Soluble Apoptosis Mediators in Patients With Chronic Heart Failure With Versus Without Symptoms of Depression, 1326

Relation Between Depressive Symptoms and Treadmill Exercise Capacity in the Heart and Soul Study, 96

Reply to a Reader's Comment, 542

Usefulness of Depression to Predict Time to Combined End Point of Transplant or Death for Outpatients With Advanced Heart Failure, 1577

### Detection of Ischemia in Asymptomatic Diabetics-Brachial Artery Reactivity Study

Brachial Artery Reactivity in Asymptomatic Patients With Type 2 Diabetes Mellitus and Microalbuminuria (from the Detection of Ischemia in Asymptomatic Diabetics-Brachial Artery Reactivity Study), 294

### Dexamethasone

Evaluation of a High-Dose *Dexamethasone*-Eluting Stent, 193

Intravascular Ultrasonic Comparative Analysis of Degree of Intimal Hyperplasia Produced by Four Different Stents in the Coronary Arteries, 1548

### Dextrocardia

Diagnosis and Outcome of Dextrocardia Diagnosed in the Fetus, 141

### Diabetes Mellitus

Brachial Artery Reactivity in Asymptomatic Patients With Type 2 Diabetes Mellitus and Microalbuminuria (from the Detection of Ischemia in Asymptomatic Diabetics-Brachial Artery Reactivity Study), 294

Clinically Unrecognized Q-Wave Myocardial Infarction in Patients With Diabetes Mellitus, Systemic Hypertension, and Nephropathy, 337

Comparison of Frequency of Insulin Resistance After Coronary Stenting in Patients With Type 2 Diabetes Mellitus With Versus Without Coronary Restenosis, 777

Comparison of Left Ventricular Function by Tissue Doppler Imaging in Patients With Diabetes Mellitus Without Systemic Hypertension Versus Diabetes Mellitus With Systemic Hypertension, 395

Comparison of Presenting Features, Diagnostic Tools, Hospital Outcomes, and Quality of Care Indicators in Older (>65 Years) to Younger, Men to Women, and Diabetics to Nondiabetics With Acute Chest Pain Triaged in the Emergency Department, 216

Effectiveness of Therapeutic Lifestyle Changes in Patients With Hypertension, Hyperlipidemia, and/or Hyperglycemia, 1558

Impact of Chronic Kidney Disease on Prognosis of

Patients With Diabetes Mellitus Treated With Percutaneous Coronary Intervention, 300

Prevalence of Diabetes Mellitus and Related Conditions in Asian Indians Living in the United States, 977

Three-Dimensional Assessment of Left Ventricular Systolic Strain in Patients With Type 2 Diabetes Mellitus, Diastolic Dysfunction, and Normal Ejection Fraction, 1391

Usefulness of Hyperglycemia in Predicting Renal and Myocardial Injury in Patients With Diabetes Mellitus Undergoing Percutaneous Coronary Intervention, 1027

### Diastolic Function

Association of Left Ventricular Filling Parameters Assessed by Pulsed Wave Doppler and Color M-Mode Doppler Echocardiography With Left Ventricular Pathology, Pulmonary Congestion, and Left Ventricular End-Diastolic Pressure, 488

Determinants of Atrial Fibrillation Development in Patients With Hypertrophic Cardiomyopathy, 895

Effect of *Atorvastatin* on Left Ventricular Diastolic Function and Ability of Coenzyme Q<sub>10</sub> to Reverse That Dysfunction, 1306

Effect of Regular Exercise After Third Decade on Doppler-Derived Left Ventricular Filling, 1595

Prevalence of Angiographic Coronary Artery Disease in Patients Hospitalized for Acute Diastolic Heart Failure Without Clinical and Electrocardiographic Evidence of Myocardial Ischemia on Admission, 133

Three-Dimensional Assessment of Left Ventricular Systolic Strain in Patients With Type 2 Diabetes Mellitus, Diastolic Dysfunction, and Normal Ejection Fraction, 1391

Which Echocardiographic Doppler Left Ventricular Diastolic Function Measurements Are Most Feasible in the Clinical Echocardiographic Laboratory?, 1099

### Diet

Dietary Recommendations in the Prevention and Treatment of Coronary Heart Disease: Do We Have the Ideal Diet Yet?, 1260

A Further Subgroup Analysis of the Effects of the DASH Diet and Three Dietary Sodium Levels on Blood Pressure: Results of the DASH-Sodium Trial, 222

### Dilated Cardiomyopathy. See Cardiomyopathy

### Dipyridamole Sestamibi Stress Test

Sensitivity, Specificity, Positive Predictive Value, and Negative Predictive Value of the *Dipyridamole* Sestamibi Stress Test in Predicting Graft Occlusion or  $\geq 50\%$  New Native Coronary Artery Disease in Men Versus Women and in Patients Aged  $\geq 65$  Years Versus  $< 65$  Years Who Had Prior Coronary Artery Bypass Grafting, 625

### Dobutamine

Comparison of Real-Time Myocardial Contrast Echocardiography for the Assessment of Myocardial Viability With Fluorodeoxyglucose-18 Positron Emission Tomography and *Dobutamine* Stress Echocardiography, 570

Comparison of Safety and Efficacy of the Early injection of *Atropine* During *Dobutamine* Stress Echocardiography With the Conventional Protocol, 1367

Hemodynamic Effects of *Levosimendan* Added to Do-

*butamine* in Patients With Decompensated Advanced Heart Failure Refractory to Dobutamine Alone, 1329

Influence of Gender and Race on Hemodynamic Response to *Dobutamine* Stress Echocardiography, 535

Prognostic Significance of Chronotropic Response to *Dobutamine* Stress Echocardiography in Patients With Peripheral Arterial Disease, 1523

Prognostic Stratification of Patients With Right Bundle Branch Block Using *Dobutamine* Stress Echocardiography, 954

Prognostic Value of *Dobutamine* Stress Echocardiography in Patients With Systemic Hypertension and Known or Suspected Coronary Artery Disease, 733

## Doppler

Analysis of Right Ventricular Doppler Tissue Imaging and Load Dependence in Patients Undergoing Percutaneous Closure of Atrial Septal Defect, 1202

Assessment of Papillary Muscle Function Using Myocardial Velocity Gradient Derived from Tissue Doppler Echocardiography, 45

Association of Left Ventricular Filling Parameters Assessed by Pulsed Wave Doppler and Color M-Mode Doppler Echocardiography With Left Ventricular Pathology, Pulmonary Congestion, and Left Ventricular End-Diastolic Pressure, 488

Comparison of Left Ventricular Function by Tissue Doppler Imaging in Patients With Diabetes Mellitus Without Systemic Hypertension Versus Diabetes Mellitus With Systemic Hypertension, 395

Differentiation of Constrictive Pericarditis from Restrictive Cardiomyopathy Using Mitral Annular Velocity by Tissue Doppler Echocardiography, 316

Effect of Preload Reduction by Hemodialysis on Left Atrial Volume and Echocardiographic Doppler Parameters in Patients With End-Stage Renal Disease, 1208

Effect of Regular Exercise After Third Decade on Doppler-Derived Left Ventricular Filling, 1595

Quantification of Radial Mechanical Dyssynchrony in Patients With Left Bundle Branch Block and Idiopathic Dilated Cardiomyopathy Without Conduction Delay by Tissue Displacement Imaging, 514

Tissue Doppler Imaging of the Right and Left Ventricle in Severe Obesity (Body Mass Index >35 kg/m<sup>2</sup>), 1087

Usefulness of Intracardiac Doppler Assessment of Left Atrial Function Immediately Post-Pulmonary Vein Antrum Isolation to Predict Short-Term Recurrence of Atrial Fibrillation, 951

Usefulness of the Peak Velocity Difference by Tissue Doppler Imaging Technique as an Effective Predictor of Response to Cardiac Resynchronization Therapy, 817

Which Echocardiographic Doppler Left Ventricular Diastolic Function Measurements Are Most Feasible in the Clinical Echocardiographic Laboratory?, 1099

## Down's Syndrome

Endothelial Cell Function in Patients With Down's Syndrome, 392

## Drug Interactions

Comparative Pharmacokinetic Interaction Profiles of *Pravastatin*, *Simvastatin*, and *Atorvastatin* When Coadministered With Cytochrome P450 Inhibitors, 1140

## Dyslipidemia

Long-Term Cardiovascular Risk With Protease Inhibitors and Management of the Dyslipidemia, 901

A Meta-Analysis of Randomized Controlled Studies on the Effects of Extended-Release Niacin in Women, 121

## Dyspnea

N-Terminal Pro-Brain Natriuretic Peptide Reflects Pulmonary Capillary Leakage in Patients With Acute Dyspnea, 669

Use of B-Type Natriuretic Peptide for the Management of Women With Dyspnea, 1510

## Eating Disorder

Resting and Ambulatory Heart Rate Variability in Chronic Anorexia Nervosa, 1217

## Echocardiography. See also Transesophageal Echocardiography

Accuracy of Measurement of Left Ventricular Volume and Ejection Fraction by New Real-Time Three-Dimensional Echocardiography in Patients With Wall Motion Abnormalities Secondary to Myocardial Infarction, 552

Assessment of Papillary Muscle Function Using Myocardial Velocity Gradient Derived from Tissue Doppler Echocardiography, 45

Association of Left Ventricular Filling Parameters Assessed by Pulsed Wave Doppler and Color M-Mode Doppler Echocardiography With Left Ventricular Pathology, Pulmonary Congestion, and Left Ventricular End-Diastolic Pressure, 488

Characteristics and Prevalence of Intrapulmonary Shunt Detected by Contrast Echocardiography With Harmonic Imaging in Liver Transplant Candidates, 525

Comparison of Costs of Intracardiac Echocardiography and Transesophageal Echocardiography in Monitoring Percutaneous Device Closure of Atrial Septal Defects in Children and Adults, 690

Comparison of Echocardiographic Features of Noncompaction of the Left Ventricle in Adults Versus Idiopathic Dilated Cardiomyopathy in Adults, 389

Comparison of Frequency of Left Ventricular Wall Motion Abnormalities in Patients With a First Acute Myocardial Infarction With Versus Without Left Ventricular Hypertrophy, 763

Comparison of Real-Time Myocardial Contrast Echocardiography for the Assessment of Myocardial Viability With Fluorodeoxyglucose-18 Positron Emission Tomography and *Dobutamine* Stress Echocardiography, 570

Comparison of Safety and Efficacy of the Early Injection of *Atropine* During *Dobutamine* Stress Echocardiography With the Conventional Protocol, 1367

Comparison of Stress-Induced Myocardial Ischemia in Patients With and Without Coronary Arterial Collaterals, 1232

Diagnosis and Management of Restricted or Closed Foramen Ovale in Fetuses With Congenital Heart Disease, 1348

Differentiation of Constrictive Pericarditis from Restrictive Cardiomyopathy Using Mitral Annular Velocity by Tissue Doppler Echocardiography, 316

Echocardiographic Evidence of Left Atrial Abnormality in Young Patients With Lone Paroxysmal Atrial Fibrillation, 511

Echocardiographic Predictors of Prognosis After First Acute Myocardial Infarction, 1278

Effect of Preload Reduction by Hemodialysis on Left Atrial Volume and Echocardiographic Doppler Parameters in Patients With End-Stage Renal Disease, 1208

Evaluation of Left Ventricular Ejection Fraction by Tissue Locus Imaging, 273

Exercise Echocardiography With Addition of *Atropine*, 346

Fate of Left Atrial Thrombi in Patients With Atrial Fibrillation Determined by Transesophageal Echocardiography and Cerebral Magnetic Resonance Imaging, 801

Feasibility and Safety of Noninvasive Pacemaker Stress Echocardiography With Externally Triggered Stimulation, 1074

Hand-Carried Cardiac Ultrasound Enhances Healthcare Delivery in Developing Countries, 539

Implications and Limitations of an Abnormal Fetal Echocardiogram, 688

Influence of Gender and Race on Hemodynamic Response to *Dobutamine* Stress Echocardiography, 535

Myocardial Microvascular Abnormalities Observed by Intravenous Myocardial Contrast Echocardiography in Patients With Hypertrophic Cardiomyopathy, 55

Noninvasive Mapping of Left Ventricular Electromechanical Asynchrony by Three-Dimensional Echocardiography and Semi-Automatic Contour Detection, 1449

Novel Stress Echocardiographic Model Incorporating the Extent and Severity of Wall Motion Abnormality for Risk Stratification and Prognosis, 715

Prognostic Significance of Chronotropic Response to *Dobutamine* Stress Echocardiography in Patients With Peripheral Arterial Disease, 1523

Prognostic Stratification of Patients With Right Bundle Branch Block Using *Dobutamine* Stress Echocardiography, 954

Prognostic Value of *Dobutamine* Stress Echocardiography in Patients With Systemic Hypertension and Known or Suspected Coronary Artery Disease, 733

Prognostic Value of Exercise Echocardiography in Patients With Classic Angina Pectoris, 559

Quantification of Radial Mechanical Dyssynchrony in Patients With Left Bundle Branch Block and Idiopathic Dilated Cardiomyopathy Without Conduction Delay by Tissue Displacement Imaging, 514

Quantitative Assessment of Right Ventricular Geometric Remodeling in Pulmonary Hypertension Secondary to Left-Sided Heart Disease Using Real-Time Three-Dimensional Echocardiography, 1096

Racial Differences in Aortic Atheroma in Patients Undergoing Transesophageal Echocardiography for Unexplained Stroke or Transient Ischemic Attack, 1211

Salvage of Nondiagnostic Transthoracic Echocardiograms on Patients in Intensive Care Units with Intravenous Ultrasound Contrast, 409

Simultaneous Biplane Single-Beat Assessment of Left Ventricular Systolic Function in Patients With Atrial Fibrillation, 942

Transthoracic Echocardiographic Guidance of Transcatheter Atrial Septal Defect Closure, 256

Usefulness of a Hand-Carried Cardiac Ultrasound

Device for Bedside Examination of Pericardial Effusion in Patients After Cardiac Surgery, 406

Usefulness of Myocardial Contrast Echocardiographic Quantification of Risk Area for Predicting Postprocedural Complications in Patients Undergoing Septal Ethanol Ablation for Obstructive Hypertrophic Cardiomyopathy, 1515

Usefulness of Myocardial Contrast Echocardiography in Predicting Global Left Ventricular Functional Recovery After Anterior Wall Acute Myocardial Infarction, 340

Usefulness of Real-Time Myocardial Perfusion Imaging in the Evaluation of Patients With First Time Chest Pain, 1225

Usefulness of Real-Time Three-Dimensional Echocardiography for Evaluation of Myectomy in Patients With Hypertrophic Cardiomyopathy, 964

Usefulness of Three-Dimensional Echocardiographic Reconstruction of the Amplatzer Septal Occluder in Patients Undergoing Atrial Septal Closure, 1343

Usefulness of Transesophageal Echocardiography Using a Combined Probe When Converting Atrial Fibrillation to Sinus Rhythm, 470

Which Echocardiographic Doppler Left Ventricular Diastolic Function Measurements Are Most Feasible in the Clinical Echocardiographic Laboratory?, 1099

### Edaravone

Effect of *Edaravone*, a Novel Free Radical Scavenger, on Endothelium-Dependent Vasodilation in Smokers, 1070

Effects of *Edaravone* on Reperfusion Injury in Patients With Acute Myocardial Infarction, 481

### Editorials

A Cardioprotective "Polypill"? Independent and Additive Benefits of Lifestyle Modification, 162

The Case for Over-the-Counter Statins, 753

Chronic Kidney Disease Is a Cardiovascular Problem—Implications for Lipid Management, 167

Coronary Artery Bypass: A User's Manual, 172

Heroes, 169

Prophylactic *Lidocaine* in Acute Myocardial Infarction: Resurface or Reburial?, 606

Stress Testing: Problems and Appropriate Use in Acute Coronary Syndromes, 1534

Subliminal Editorial Conundra Confounding Publication of Multicenter Trials, 1268

### Education

Impact of Interventionalist Volume, Experience, and Board Certification on Coronary Angioplasty Outcomes in the Era of Stenting, 421

Virtual Cardiac Symposia: Worldwide, Internet-Based, Educational Forums for Cardiologists, 1588

### Eisenmenger Syndrome

Initial Experience With *Bosentan* Therapy in Patients With the Eisenmenger Syndrome, 261

### Ejection Fractions

Accuracy of Measurement of Left Ventricular Volume and Ejection Fraction by New Real-Time Three-Dimensional Echocardiography in Patients With Wall Motion Abnormalities Secondary to Myocardial Infarction, 552

Comparison of Outcomes of White Versus Black Pa-

tients Hospitalized With Heart Failure and Preserved Ejection Fraction, 1003

Effects of *Carvedilol* on Plasma B-Type Natriuretic Peptide Concentration and Symptoms in Patients With Heart Failure and Preserved Ejection Fraction, 448

Evaluation of Left Ventricular Ejection Fraction by Tissue Locus Imaging, 273

Outcome of Percutaneous Coronary Intervention Versus Coronary Bypass Grafting for Patients With Low Left Ventricular Ejection Fractions, Unstable Angina Pectoris, and Risk Factors for Adverse Outcomes With Bypass (the AWESOME Randomized Trial and Registry), 118

### Elderly. See also Age; Aging

Comparison of Transradial and Transfemoral Approaches for Coronary Angiography and Angioplasty in Octogenarians (the OCTOPLUS Study), 1177

Effectiveness of Percutaneous Coronary Interventions in Nonagenarians, 1058

Effectiveness of Sirolimus-Eluting Stent Implantation for the Treatment of Coronary Artery Disease in Octogenarians, 909

Effect of *Losartan* Versus *Atenolol* on Aortic Valve Sclerosis (a LIFE Substudy), 1076

### Electrocardiography

Assessment of Derived 12-Lead Electrocardiograms Using General and Patient-Specific Reconstruction Strategies at Rest and During Transient Myocardial Ischemia, 1529

Atrial Fibrillatory Frequency, Atrial Fibrillatory Rate, or Atrial Cycle Length—Does It Matter?, 147

Comparison of P Waves Recorded on the Standard Electrocardiogram, the "Lewis Lead" and "Saline-Filled Central Venous Catheter"-Based Intracardiac Electrocardiogram, 474

*Flecainide* and *Propafenone* Induced ST-Segment Elevation in Patients With Atrial Fibrillation: Clue to Specificity of Brugada-Type Electrocardiographic Changes, 1184

New Electrocardiographic Criteria for Identifying the Culprit Artery in Inferior Wall Acute Myocardial Infarction—Usefulness of T-Wave Amplitude Ratio in Leads II/III and T-Wave Polarity in the Right V<sub>6</sub> Lead, 1168

Prevalence and Time of Appearance of Brugada Electrocardiographic Pattern in Young Male Adolescents from a Three-Year Follow-Up Study, 1186

Prevalence of Angiographic Coronary Artery Disease in Patients Hospitalized for Acute Diastolic Heart Failure Without Clinical and Electrocardiographic Evidence of Myocardial Ischemia on Admission, 133

Prevalence of Drug-Induced Electrocardiographic Pattern of the Brugada Syndrome in a Healthy Population, 230

ST Elevation in Lead aVR as a Sign of Left Main Disease—Perpetuating an Error?, 542

Usefulness of Brain Natriuretic Peptide Levels to Discriminate Patients With Stable Angina Pectoris Without and With Electrocardiographic Myocardial Ischemia and Patients With Healed Myocardial Infarction, 780

Usefulness of Electrocardiographic-Gated Stress Technetium-99m Sestamibi Single-Photon Computed Tomography to Differentiate Ischemic from Nonischemic Cardiomyopathy, 14

Usefulness of Spatial Dispersion of QRS Duration in Predicting Mortality in Patients With Mild to Moderate Chronic Heart Failure, 960

Value of Electrocardiographic Algorithm Based on "Ups and Downs" of ST in Assessment of a Culprit Artery in Evolving Inferior Myocardial Infarction, 709

Value of Immediate Postoperative Electrocardiogram to Update Risk Stratification After Major Noncardiac Surgery, 1017

### Electron Beam Tomography

Lack of Usefulness of Electron Beam Computed Tomography for Detecting Coronary Allograft Vasculopathy, 202

### Electrophysiology

Age- and Sex-Related Atrial Electrophysiologic and Structural Changes, 373

### ELUTES

Comparison of Neointimal Formation in Polymer-Free *Pacilitaxel* Stents Versus Stainless Stents (from the ASPECT and ELUTES Randomized Clinical Trials), 199

### Embolism

Comparative Roles of the Atrial Septal Aneurysm Versus Patent Foramen Ovale in Systemic Embolization With Inferences from Neonatal Studies, 1341

Comparison of Results of Percutaneous Closure of Patent Foramen Ovale for Paradoxical Embolism in Patients With Versus Without Thrombophilia, 1012

Effectiveness and Safety of the Proxis System in Demonstrating Retrograde Coronary Blood Flow During Proximal Occlusion and in Capturing Embolic Material, 1134

### Emergency Care

Comparison of Presenting Features, Diagnostic Tools, Hospital Outcomes, and Quality of Care Indicators in Older (>65 Years) to Younger, Men to Women, and Diabetics to Nondiabetics With Acute Chest Pain Triage in the Emergency Department, 216

Utility and Diagnostic Accuracy of Hand-Carried Ultrasound for Emergency Room Evaluation of Chest Pain, 408

### Enalapril

Comparison of Effects of *Quinapril* Versus *Enalapril* on Vasoactive Substances Following Acute Myocardial Infarction, 641

Comparison of Suppression of the Circulating and Vascular Renin-Angiotensin System by *Enalapril* Versus *Trandolapril* in Chronic Heart Failure, 1501

Effect of *Enalapril* and *Losartan* on Cytokines in Patients With Stable Angina Pectoris Awaiting Coronary Artery Bypass Grafting and Their Interaction With Polymorphisms in the Interleukin-6 Gene, 564

### Endocarditis

Age-Related Prevalence of Cardiac Valvular Abnormalities Warranting Infectious Endocarditis Prophylaxis, 386

Comparison of Outcomes in Patients With Active Infective Endocarditis With Versus Without Paravalvular Abscess and With and Without Valve Replacement, 136

Role of Troponin I in Active Infective Endocarditis, 1198

## Endothelin

Effect of Single Doses of SLV306, an Inhibitor of Both Neutral Endopeptidase and Endothelin-Converting Enzyme, on Pulmonary Pressures in Congestive Heart Failure, 237

## Endothelium

Assessing the Prognostic Value of Coronary Endothelial Function in Patients Referred for a First Coronary Angiogram, 1063

Brachial Artery Reactivity in Asymptomatic Patients With Type 2 Diabetes Mellitus and Microalbuminuria (from the Detection of Ischemia in Asymptomatic Diabetics-Brachial Artery Reactivity Study), 294

Comparison of Endothelial Function in Young Men and Women With a Family History of Premature Coronary Artery Disease, 783

Effect of *Edaravone*, a Novel Free Radical Scavenger, on Endothelium-Dependent Vasodilation in Smokers, 1070

Effect of Hyperuricemia Upon Endothelial Function in Patients at Increased Cardiovascular Risk, 932

Effect of Oral L-Arginine on Oxidant Stress, Endothelial Dysfunction, and Systemic Arterial Pressure in Young Cardiac Transplant Recipients, 828

Effect of *Simvastatin* on Endothelial Function in Cardiac Syndrome X Patients, 652

Effects of *Rosiglitazone* on Endothelial Function in Men With Coronary Artery Disease Without Diabetes Mellitus, 151

Endothelial Cell Function in Patients With Down's Syndrome, 392

Endothelial Dysfunction and Inflammation After Percutaneous Coronary Intervention, 1420

Mechanisms of Aortic Valve Calcification, 1396

Repeatability of Noninvasive Surrogates of Endothelial Function, 693

Reporting Measures of Endothelial Dysfunction Independent of Baseline Arterial Diameter, 1222

Vascular Endothelial Function and Plasma Homocysteine Levels in Behcet's Disease, 522

## Epicardium

Relation Between Epicardial Adipose Tissue and Left Ventricular Mass, 1084

## Epidemiology

Effects of Race and Health Insurance on the Rates of Pacemaker Implantation for Complete Heart Block in the United States, 227

Epidemiology and Association of Vascular and Valvular Calcium Quantified by Multidetector Computed Tomography in Elderly Asymptomatic Subjects, 348

Epidemiology and Determinants of Outcome of Admissions for Atrial Fibrillation in the United States from 1996 to 2001, 500

Framingham Risk Score and Prediction of Lifetime Risk for Coronary Heart Disease, 20

Prehypertension and Mortality in a Nationally Representative Cohort, 1496

Prevalence and Determination of Breast Arterial Calcium in Women at High Risk of Cardiovascular Disease, 655

Prevalence of Coronary Heart Disease and Carotid Arterial Thickening in Patients With the Metabolic Syndrome (The ARIC Study), 1249

Prevalence of Diabetes Mellitus and Related Condi-

tions in Asian Indians Living in the United States, 977

Prevalence of Drug-Induced Electrocardiographic Pattern of the Brugada Syndrome in a Healthy Population, 230

Seasonal Variation of Venous Thromboembolic Disease, 276

## Eptifibatide

Effect of *Bivalirudin* on Length of Stay in the Recovery Area After Percutaneous Coronary Intervention Compared With *Heparin* Alone, *Heparin* + *Abciximab*, or *Heparin* + *Eptifibatide*, 1417

Optimal Duration of *Eptifibatide* Infusion in Percutaneous Coronary Intervention (an ESPRIT Substudy), 926

## ESPRIT

Optimal Duration of *Eptifibatide* Infusion in Percutaneous Coronary Intervention (an ESPRIT Substudy), 926

## Estrogen Receptor Modulator

Effect of HMR 3339, a Novel Selective Estrogen Receptor Modulator, on C-Reactive Protein Levels in Healthy Postmenopausal Women, 1205

## Ethnic Differences

Comparison of Levels of Large and Small High-Density Lipoprotein Cholesterol in Asian Indian Men Compared With Caucasian Men in the Framingham Offspring Study, 1561

## Evidence-Based Medicine

Importance of In-Hospital Initiation of Evidence-Based Medical Therapies for Heart Failure—A Review, 1155

## Exercise

The Amish, Body Weight, and Exercise, 1221

Assessing Autonomic Function by Analysis of Heart Rate Recovery from Exercise, 64

Cerebral Oxygenation During Exercise and Exercise Recovery in Patients With Idiopathic Dilated Cardiomyopathy, 821

Clinical Significance of Increased Cardiac Troponins T and I in Participants of Ultra-Endurance Events, 696

Development of Exercise-Induced Arm-Leg Blood Pressure Gradient and Abnormal Arterial Compliance in Patients with Repaired Coarctation of the Aorta, 1200

Effect of Regular Exercise After Third Decade on Doppler-Derived Left Ventricular Filling, 1595

Magnitude of Left Atrial V Wave Is the Determinant of Exercise Capacity in Patients With Mitral Stenosis, 243

Prognostic Value of Exercise Stress Myocardial Perfusion Imaging in Patients With Permanent Pacemakers, 811

Quantitative Relation of ST-Segment Depression During Exercise to the Magnitude of Myocardial Ischemia as Assessed by Single-Photon Emission Computed Tomographic Myocardial Perfusion Imaging, 703

Relation Between Depressive Symptoms and Treadmill Exercise Capacity in the Heart and Soul Study, 96

Relation of Degree of Physical Activity to Coronary Artery Calcium Score in Asymptomatic Individuals With Multiple Metabolic Risk Factors, 729

Serum C-Reactive Protein and Lipids in Ultra-Marathon Runners, 125

## Exercise Capacity

Association Between Exercise Capacity and Left Ventricular Geometry in Overweight Patients With Mild Systemic Hypertension, 1322

Effects of *Carvedilol* on Plasma B-Type Natriuretic Peptide Concentration and Symptoms in Patients With Heart Failure and Preserved Ejection Fraction, 448

Magnitude of Left Atrial V Wave Is the Determinant of Exercise Capacity in Patients With Mitral Stenosis, 243

Relation Between Depressive Symptoms and Treadmill Exercise Capacity in the Heart and Soul Study, 96

## Exercise Testing

Differential Prognostic Significance of Peri-Infarction Versus Remote Myocardial Ischemia on Stress Technetium-99m Sestamibi Tomography in Patients With Healed Myocardial Infarction, 289

Exercise Echocardiography With Addition of *Atropine*, 346

Influence of Gender and Race on Hemodynamic Response to *Dobutamine* Stress Echocardiography, 535

Prognostic Stratification of Patients With Right Bundle Branch Block Using *Dobutamine* Stress Echocardiography, 954

Prognostic Value of Exercise Echocardiography in Patients With Classic Angina Pectoris, 559

## Ezetimibe

Effectiveness and Tolerability of *Ezetimibe* Add-on Therapy to a Bile Acid Resin-Based Regimen for Hypercholesterolemia, 795

## Familial Hypercholesterolemia

Long-Term Survival of Childhood Coronary Artery Disease in a Patient Severely Affected With Familial Hypercholesterolemia, 699

## Fas/Fas Ligand

Impact of *Levosimendan* Treatment on Chronic Heart Failure, 1105

## Fatty Acids

Effect of Glucose-Insulin-Potassium Infusion on Plasma Free Fatty Acid Concentrations in Patients Undergoing Primary Percutaneous Coronary Intervention for ST-Elevation Myocardial Infarction, 1288

## Females. See Women

## Fetus. See also Prenatal Diagnosis

Diagnosis and Management of Restricted or Closed Foramen Ovale in Fetuses With Congenital Heart Disease, 1348

Diagnosis and Outcome of Dextrocardia Diagnosed in the Fetus, 141

Implications and Limitations of an Abnormal Fetal Echocardiogram, 688

## Fibrates

Risk of Adverse Events With Fibrates, 935

## Fibrinolysis

Association of Lesion Complexity Following Fibrinolytic Administration With Mortality in ST-Elevation Myocardial Infarction, 108

Association of Platelet Count With Residual Thrombus in the Myocardial Infarct-Related Coronary Artery Among Patients Treated With Fibrinolytic Therapy for ST-Segment Elevation Acute Myocardial Infarction, 1406

Combined Effects of Smoking and Hypercholesterolemia on Inflammatory Process, Thrombosis/Fibrinolysis System, and Forearm Hyperemic Response, 1181

Effect of Rescue or Adjunctive Percutaneous Coronary Intervention of the Culprit Artery After Fibrinolytic Administration on Epicardial Flow in Nonculprit Arteries, 178

Efficacy and Safety of Two Unfractionated Heparin Dosing Strategies With *Tenecteplase* in Acute Myocardial Infarction (Results from Assessment of the Safety and Efficacy of New Thrombolytic Regimens 2 and 3), 279

Primary Percutaneous Coronary Intervention Versus Fibrinolytic Therapy in Acute Myocardial Infarction: Does the Choice of Fibrinolytic Agent Impact on the Importance of Time-to-Treatment?, 772

Sequential Risk Stratification Using TIMI Risk Score and TIMI Flow Grade Among Patients Treated With Fibrinolytic Therapy for ST-Segment Elevation Acute Myocardial Infarction, 1113

### **Flecainide**

*Flecainide* and *Propafenone* Induced ST-Segment Elevation in Patients With Atrial Fibrillation: Clue to Specificity of Brugada-Type Electrocardiographic Changes, 1184

### **Fluid Balance**

Impact of Fluid Balance on Incidence of Atrial Fibrillation After Cardiothoracic Surgery, 1423

### **Follow-Up Studies. See Outcomes**

### **Framingham Heart Study**

Warfarin and Aspirin Use and the Predictors of Major Bleeding Complications in Atrial Fibrillation (the Framingham Heart Study), 947

### **Framingham Offspring Study**

Comparison of Levels of Large and Small High-Density Lipoprotein Cholesterol in Asian Indian Men Compared With Caucasian Men in the Framingham Offspring Study, 1561

### **Free Radical Scavenger**

Effect of *Edaravone*, a Novel Free Radical Scavenger, on Endothelium-Dependent Vasodilation in Smokers, 1070

### **From the Editor**

The Amish, Body Weight, and Exercise, 1221  
Over-the-Counter Statin Drug, 1362

### **Functional Status**

Comparison of Late (Four Years) Functional Health Status Between Percutaneous Transluminal Angioplasty Intervention and Off-Pump Left Internal Mammary Artery Bypass Grafting for Isolated High-Grade Narrowing of the Proximal Left Anterior Descending Coronary Artery, 1414

Therapeutic Delay and Reduced Functional Status Six Months After Thrombolysis for Acute Myocardial Infarction, 415

### **FUSION I Trial**

Safety and Feasibility of Using Serial Infusions of *Nesiritide* for Heart Failure in an Outpatient Setting (from the FUSION I Trial), 595

### **Gemfibrozil**

Risk of Adverse Events With Fibrates, 935

### **Gender Differences. See also Men; Women**

Age- and Sex-Related Atrial Electrophysiologic and Structural Changes, 373

Comparison of Presenting Features, Diagnostic Tools, Hospital Outcomes, and Quality of Care Indicators in Older (>65 Years) to Younger, Men to Women, and Diabetics to Nondiabetics With Acute Chest Pain Triage in the Emergency Department, 216

Comparison of Prognostic Value of Left Ventricular Hypertrophy in African-American Men Versus Women, 1383

Comparison of the Impact of Atrial Fibrillation on the Risk of Stroke and Cardiovascular Death in Women Versus Men (the Copenhagen City Heart Study), 889

Gender and Risk of Adverse Outcomes in Heart Failure, 1147

Gender Differences in the Value of ST-Segment Depression During *Adenosine* Stress Testing, 997

Influence of Gender and Race on Hemodynamic Response to *Dobutamine* Stress Echocardiography, 535

Sensitivity, Specificity, Positive Predictive Value, and Negative Predictive Value of the *Dipyridamole* Ses-tamibi Stress Test in Predicting Graft Occlusion or  $\geq 50\%$  New Native Coronary Artery Disease in Men Versus Women and in Patients Aged  $\geq 65$  Years Versus <65 Years Who Had Prior Coronary Artery Bypass Grafting, 625

Short-Term (28 Days) Prognosis Between Genders According to the Type of Coronary Event (Q-Wave Versus Non-Q-Wave Acute Myocardial Infarction Versus Unstable Angina Pectoris), 1161

Wake Up and Smell the Caffeine, 981

### **Gene Mutations. See Molecular Biology**

### **Genetics**

Mechanisms of Aortic Valve Calcification, 1396

### **Glitazones**

Effects of *Rosiglitazone* on Endothelial Function in Men With Coronary Artery Disease Without Diabetes Mellitus, 151

### **Glucose-Insulin-Potassium Infusion**

Effect of Glucose-Insulin-Potassium Infusion on Plasma Free Fatty Acid Concentrations in Patients Undergoing Primary Percutaneous Coronary Intervention for ST-Elevation Myocardial Infarction, 1288

### **Glycoprotein IIb/IIIa Antagonism**

Association Between Duration of *Tirofiban* Therapy Before Percutaneous Intervention and Tissue Level Perfusion (A TACTICS-TIMI 18 Substudy), 492

Optimal Duration of *Eptifibatid*e Infusion in Percutaneous Coronary Intervention (an ESPRIT Substudy), 926

### **Green Tea**

Will Green Tea Be Even Better Than Black Tea to Increase Coronary Flow Velocity Reserve?, 1223

### **GRIP Trial**

Usefulness of Optical Coherent Reflectometry With Guided Radiofrequency Energy to Treat Chronic Total Occlusions in Peripheral Arteries (the GRIP Trial), 1081

### **Guided Radio Frequency Energy Ablation of Total Occlusions Registry Study**

Utility of the Safe-Cross-Guided Radiofrequency Total Occlusion Crossing System in Chronic Coronary Total Occlusions (Results from the Guided Radio Frequency Energy Ablation of Total Occlusions Registry Study), 853

### **Health Insurance**

Effects of Race and Health Insurance on the Rates of Pacemaker Implantation for Complete Heart Block in the United States, 227

Prevalence of Adequate Blood Pressure Control in Self-Pay or Medicare Patients Versus Medicaid or Private Insurance Patients With Systemic Hypertension Followed in a University Cardiology or General Medicine Clinic, 815

### **Heart and Soul Study**

Relation Between Depressive Symptoms and Treadmill Exercise Capacity in the Heart and Soul Study, 96

### **Heart Block. See also Complete Heart Block**

Pacing for Heart Block After Septal Reduction Therapy, 1224

### **Heart Failure**

Angiotensin-Converting Enzyme Inhibitor Meta-Analysis Provides Misleading Conclusion, 149

Apoptotic Cardiomyocyte Death in Fatal Myocarditis, 746

Comparison of Circulating Proinflammatory Cytokines and Soluble Apoptosis Mediators in Patients With Chronic Heart Failure With Versus Without Symptoms of Depression, 1326

Comparison of Left Ventricular-Biventricular Pacing on Ventricular Synchrony, Mitral Regurgitation, and Global Left Ventricular Function in Patients With Severe Chronic Heart Failure, 519

Comparison of Left Ventricular Lead Placement Via the Coronary Venous Approach Versus Lateral Thoracotomy in Patients Receiving Cardiac Resynchronization Therapy, 59

Comparison of Outcomes of White Versus Black Patients Hospitalized With Heart Failure and Preserved Ejection Fraction, 1003

Comparison of Response to Cardiac Resynchronization Therapy in Patients With Sinus Rhythm Versus Chronic Atrial Fibrillation, 1506

Comparison of Suppression of the Circulating and Vascular Renin-Angiotensin System by *Enalapril* Versus *Trandolapril* in Chronic Heart Failure, 1501

Early Detection by the Tei Index of *Carvedilol*-Induced Improved Left Ventricular Function in Patients With Heart Failure, 1456

Effect of Cardiac Resynchronization Therapy on Functional Mitral Regurgitation in Heart Failure, 1462

- Effect of Chronic Heart Failure on Nuclear Factor Kappa B in Peripheral Leukocytes, 671
- Effect of Elevated Admission Serum Creatinine and Its Worsening on Outcome in Hospitalized Patients With Decompensated Heart Failure, 957
- Effect of Single Doses of SLV306, an Inhibitor of Both Neutral Endopeptidase and Endothelin-Converting Enzyme, on Pulmonary Pressures in Congestive Heart Failure, 237
- Effects of *Carvedilol* on Plasma B-Type Natriuretic Peptide Concentration and Symptoms in Patients With Heart Failure and Preserved Ejection Fraction, 448
- Efficacy and Safety of *Sildenafil* in the Evaluation of Pulmonary Hypertension in Severe Heart Failure, 1475
- Gender and Risk of Adverse Outcomes in Heart Failure, 1147
- Hemodynamic Effects of *Levosimendan* Added to *Dobutamine* in Patients With Decompensated Advanced Heart Failure Refractory to Dobutamine Alone, 1329
- Impact of *Levosimendan* Treatment on Chronic Heart Failure, 1105
- Importance of In-Hospital Initiation of Evidence-Based Medical Therapies for Heart Failure—A Review, 1155
- Insulin-Like Growth Factor-I Gene Polymorphism and Risk of Heart Failure (the Rotterdam Study), 384
- Is Rhythm Control Superior to Rate Control in Patients With Atrial Fibrillation and Congestive Heart Failure?, 797
- Prevalence of Angiographic Coronary Artery Disease in Patients Hospitalized for Acute Diastolic Heart Failure Without Clinical and Electrocardiographic Evidence of Myocardial Ischemia on Admission, 133
- Prognostic Importance of Renal Function in Patients With Early Heart Failure and Mild Left Ventricular Dysfunction, 240
- Proportion of Patients in a Congestive Heart Failure Care Management Program Meeting Criteria for Cardiac Resynchronization Therapy, 673
- Quantification of Radial Mechanical Dyssynchrony in Patients With Left Bundle Branch Block and Idiopathic Dilated Cardiomyopathy Without Conduction Delay by Tissue Displacement Imaging, 514
- Reactivation of Cardiac Chagas' Disease in Acquired Immune Deficiency Syndrome, 1102
- Relation Between Contractile Reserve and Improvement in Left Ventricular Function With Beta-Blocker Therapy in Patients With Heart Failure Secondary to Ischemic or Idiopathic Dilated Cardiomyopathy, 860
- Relation of Dose of *Carvedilol* to Reduction in QT Dispersion in Patients With Mild to Moderate Heart Failure Secondary to Ischemic or to Idiopathic Dilated Cardiomyopathy, 1459
- Safety and Feasibility of Using Serial Infusions of *Nesiritide* for Heart Failure in an Outpatient Setting (from the FUSION I Trial), 595
- Survey of the Use of Organic Nitrates for the Treatment of Chronic Congestive Heart Failure in the United States, 1465
- Time Intervals of Cardiac Resynchronization Therapy in Heart Failure, 1192
- Usefulness of Depression to Predict Time to Combined End Point of Transplant or Death for Outpatients With Advanced Heart Failure, 1577
- Usefulness of Spatial Dispersion of QRS Duration in Predicting Mortality in Patients With Mild to Moderate Chronic Heart Failure, 960
- Usefulness of *Spironolactone* in a Specialized Heart Failure Clinic, 443
- Heart Rate**
- Is Rhythm Control Superior to Rate Control in Patients With Atrial Fibrillation and Congestive Heart Failure?, 797
- Rate Control in AFFIRM: Considerations About the Clinical Implications, 1104
- Heart Rate Recovery**
- Assessing Autonomic Function by Analysis of Heart Rate Recovery from Exercise, 64
- Heart Rate Turbulence**
- Heart Rate Variability and Turbulence in Hyperthyroidism Before, During, and After Treatment, 465
- Influence of Coronary Artery Bypass Grafting on Heart Rate Turbulence Parameters, 186
- Heart Rate Variability**
- Heart Rate Variability and Turbulence in Hyperthyroidism Before, During, and After Treatment, 465
- Influence of Coronary Artery Bypass Grafting on Heart Rate Turbulence Parameters, 186
- Prognostic Significance of Early Short-Term Measurements of Heart Rate Variability Following Acute Myocardial Infarction, 1275
- Resting and Ambulatory Heart Rate Variability in Chronic Anorexia Nervosa, 1217
- Heart Transplantation**
- Effect of Oral L-Arginine on Oxidant Stress, Endothelial Dysfunction, and Systemic Arterial Pressure in Young Cardiac Transplant Recipients, 828
- Prediction of Heart Transplant Rejection With a Breath Test for Markers of Oxidative Stress, 1593
- Usefulness of an Elevated B-Type Natriuretic Peptide to Predict Allograft Failure, Cardiac Allograft Vasculopathy and Survival After Heart Transplantation, 454
- Usefulness of Depression to Predict Time to Combined End Point of Transplant or Death for Outpatients With Advanced Heart Failure, 1577
- Usefulness of N-Terminal-Pro-Brain Natriuretic Peptide Levels in Predicting Survival in Heart Transplant Recipients, 1585
- Hemodialysis**
- Effect of Preload Reduction by Hemodialysis on Left Atrial Volume and Echocardiographic Doppler Parameters in Patients With End-Stage Renal Disease, 1208
- Hemodynamics**
- Coronary Hemodynamics in Patients With Symptomatic Hypertrophic Cardiomyopathy, 685
- Hemodynamic Effects of *Levosimendan* Added to *Dobutamine* in Patients With Decompensated Advanced Heart Failure Refractory to Dobutamine Alone, 1329
- Hemodynamics of Microvascular Dysfunction in Patients With Anterior Wall Acute Myocardial Infarction, 209
- Influence of Gender and Race on Hemodynamic Response to *Dobutamine* Stress Echocardiography, 535
- Wake Up and Smell the Caffeine, 981
- Hemorrhage**
- Mortality Rates and Hemorrhagic Complications in Asian-Pacific Islanders During Treatment of Acute Myocardial Infarction, 644
- Time Trends in *Warfarin*-Associated Hemorrhage, 403
- Hemostasis**
- Effects of *Atorvastatin* (10 mg) on Hemostatic and Inflammatory Parameters in Hyperlipidemic Patients With Angiographically Proven Coronary Artery Disease, 206
- Heparin**
- Bivalirudin* Versus *Heparin* as an Antithrombotic Agent in Patients Treated With a Sirolimus-Eluting Stent, 1047
- Effect of *Bivalirudin* on Length of Stay in the Recovery Area After Percutaneous Coronary Intervention Compared With *Heparin* Alone, *Heparin* + *Abciximab*, or *Heparin* + *Eptifibatide*, 1417
- Efficacy and Safety of Two Unfractionated Heparin Dosing Strategies With *Tenecteplase* in Acute Myocardial Infarction (Results from Assessment of the Safety and Efficacy of New Thrombolytic Regimens 2 and 3), 279
- Hepatopulmonary Syndrome**
- Characteristics and Prevalence of Intrapulmonary Shunt Detected by Contrast Echocardiography With Harmonic Imaging in Liver Transplant Candidates, 525
- Heroes**, 169
- High-Density Lipoprotein**
- Accuracy of the Triglyceride to High-Density Lipoprotein Cholesterol Ratio for Prediction of the Low-Density Lipoprotein Phenotype B, 219
- Comparison of Levels of Large and Small High-Density Lipoprotein Cholesterol in Asian Indian Men Compared With Caucasian Men in the Framingham Offspring Study, 1561
- Relation of Coronary Calcium Progression and Control of Lipids According to National Cholesterol Education Program Guidelines, 431
- History**
- Surgical Treatment of Patent Ductus Arteriosus: A New Historical Perspective, 1153
- A 25-Year Perspective Into the Changing Landscape of Patients Hospitalized With Acute Myocardial Infarction (the Worcester Heart Attack Study), 1373
- HIV-Infected (AIDS) Patients**
- Long-Term Cardiovascular Risk With Protease Inhibitors and Management of the Dyslipidemia, 901
- Methadone and QT Prolongation in HIV-Infected Patients, 147
- Reactivation of Cardiac Chagas' Disease in Acquired Immune Deficiency Syndrome, 1102
- HMG-CoA Reductase Inhibitors. See Statins**
- HMR 3339**
- Effect of HMR 3339, a Novel Selective Estrogen Receptor Modulator, on C-Reactive Protein Levels in Healthy Postmenopausal Women, 1205



## Homocysteine

Erythrocyte Indexes, Iron Metabolism, and Hyperhomocysteinemia in Adults With Cyanotic Congenital Cardiac Disease, 825

Vascular Endothelial Function and Plasma Homocysteine Levels in Behcet's Disease, 522

## Hormone Replacement Therapy

Effects of Hormone Replacement Therapy or *Raloxifene* on Ambulatory Blood Pressure and Arterial Stiffness in Treated Hypertensive Postmenopausal Women, 1453

## Human Immunodeficiency Virus. See HIV-Infected (AIDS) Patients

## Hypercholesterolemia

Combined Effects of Smoking and Hypercholesterolemia on Inflammatory Process, Thrombosis/Fibrinolysis System, and Forearm Hyperemic Response, 1181

Effectiveness and Tolerability of *Ezetimibe* Add-on Therapy to a Bile Acid Resin-Based Regimen for Hypercholesterolemia, 795

Effect of *Atorvastatin* on the Expression of CD40 Ligand and P-Selectin on Platelets in Patients With Hypercholesterolemia, 364

Effect of *Rosuvastatin* on Plasma Levels of Asymmetric Dimethylarginine in Patients With Hypercholesterolemia, 157

Lipid-Altering Changes and Pleiotropic Effects of *Atorvastatin* in Patients With Hypercholesterolemia, 497

## Hyperglycemia

Effectiveness of Therapeutic Lifestyle Changes in Patients With Hypertension, Hyperlipidemia, and/or Hyperglycemia, 1558

## Hyperlipidemia

Effectiveness of Therapeutic Lifestyle Changes in Patients With Hypertension, Hyperlipidemia, and/or Hyperglycemia, 1558

## Hypertension

Analysis of Late Risk of Systemic Blood Pressures <120/80 mm Hg, 1575

Angiotensin-Converting Enzyme Inhibitor Meta-Analysis Provides Misleading Conclusion, 149

Association Between Exercise Capacity and Left Ventricular Geometry in Overweight Patients With Mild Systemic Hypertension, 1322

Clinically Unrecognized Q-Wave Myocardial Infarction in Patients With Diabetes Mellitus, Systemic Hypertension, and Nephropathy, 337

Comparison of Angiotensin-Converting Enzyme Inhibitors and Angiotensin Receptor Blockers in the Primary Prevention of Myocardial Infarction in Hypertensive Patients, 479

Comparison of Left Ventricular Function by Tissue Doppler Imaging in Patients With Diabetes Mellitus Without Systemic Hypertension Versus Diabetes Mellitus With Systemic Hypertension, 395

Contribution of Increased Minimal Coronary Resistance and Attenuated Vascular Adaptive Remodeling to Myocardial Ischemia in Patients With Systemic Hypertension and Ventricular Hypertrophy, 484

Effectiveness of Therapeutic Lifestyle Changes in Patients With Hypertension, Hyperlipidemia, and/or Hyperglycemia, 1558

Effect of Antecedent Hypertension on Subsequent Left

Ventricular Dilation After Acute Myocardial Infarction (from the Survival and Ventricular Enlargement Trial), 1

Effects of Hormone Replacement Therapy or *Raloxifene* on Ambulatory Blood Pressure and Arterial Stiffness in Treated Hypertensive Postmenopausal Women, 1453

Prehypertension and Mortality in a Nationally Representative Cohort, 1496

Prevalence of Adequate Blood Pressure Control in Self-Pay or Medicare Patients Versus Medicaid or Private Insurance Patients With Systemic Hypertension Followed in a University Cardiology or General Medicine Clinic, 815

Prognostic Value of *Dobutamine* Stress Echocardiography in Patients With Systemic Hypertension and Known or Suspected Coronary Artery Disease, 733

Prognostic Value of 24-Hour Ambulatory Blood Pressure Measurement for the Onset of Atrial Fibrillation in Treated Patients With Essential Hypertension, 1566

## Hyperthyroidism

Heart Rate Variability and Turbulence in Hyperthyroidism Before, During, and After Treatment, 465

## Hypertrophic Cardiomyopathy. See Cardiomyopathy

## Hyperuricemia

Effect of Hyperuricemia Upon Endothelial Function in Patients at Increased Cardiovascular Risk, 932

## Imaging. See Computed Tomography; Magnetic Resonance Imaging; Positron Emission Tomography; Single-Photon Emission Computed Tomography; Ultrasound

## Incremental Decrease in End Points Through Aggressive Lipid Lowering Study

Design and Baseline Characteristics of the Incremental Decrease in End Points Through Aggressive Lipid Lowering Study, 720

## Infants. See also Pediatrics

Clinical Role, Accuracy, and Technical Aspects of Cardiovascular Magnetic Resonance Imaging in Infants, 69

## Infectious Pathogen Burden

Assessment of Systemic Inflammation and Infective Pathogen Burden in Patients With Cardiac Syndrome X, 40

## Infective Endocarditis

Age-Related Prevalence of Cardiac Valvular Abnormalities Warranting Infectious Endocarditis Prophylaxis, 386

Comparison of Outcomes in Patients With Active Infective Endocarditis With Versus Without Paravalvular Abscess and With and Without Valve Replacement, 136

Role of Troponin I in Active Infective Endocarditis, 1198

## Inferior Vena Cava Filter

Outcome and Complications of Retrievable Inferior Vena Cava Filters, 1090

## Inflammation

Assessment of Systemic Inflammation and Infective Pathogen Burden in Patients With Cardiac Syndrome X, 40

Combined Effects of Smoking and Hypercholesterolemia on Inflammatory Process, Thrombosis/Fibrinolysis System, and Forearm Hyperemic Response, 1181

Comparison of Circulating Proinflammatory Cytokines and Soluble Apoptosis Mediators in Patients With Chronic Heart Failure With Versus Without Symptoms of Depression, 1326

Comparison of C-Reactive Protein Levels in Patients With Coronary Artery Ectasia Versus Patients With Obstructive Coronary Artery Disease, 1303

Early Effects of Statins in Patients With Coronary Artery Disease and High C-Reactive Protein, 1107

Effect of *Clopidogrel* Pretreatment on Periprocedural Rise in C-Reactive Protein After Percutaneous Coronary Intervention, 358

Effect of *Enalapril* and *Losartan* on Cytokines in Patients With Stable Angina Pectoris Awaiting Coronary Artery Bypass Grafting and Their Interaction With Polymorphisms in the Interleukin-6 Gene, 564

Effect of HMR 3339, a Novel Selective Estrogen Receptor Modulator, on C-Reactive Protein Levels in Healthy Postmenopausal Women, 1205

Effects of *Atorvastatin* (10 mg) on Hemostatic and Inflammatory Parameters in Hyperlipidemic Patients With Angiographically Proven Coronary Artery Disease, 206

Effects of *Rosiglitazone* on Endothelial Function in Men With Coronary Artery Disease Without Diabetes Mellitus, 151

Endothelial Dysfunction and Inflammation After Percutaneous Coronary Intervention, 1420

Frequency of Elevation of C-Reactive Protein in Atrial Fibrillation, 1255

Impact of *Levosimendan* Treatment on Chronic Heart Failure, 1105

Interleukin-18 and Interleukin-18 Binding Protein Levels Before and After Percutaneous Coronary Intervention in Patients With and Without Recent Myocardial Infarction, 1285

Mechanisms of Aortic Valve Calcification, 1396

Platelet Aggregation Inhibition Blocks C-Reactive Protein and Interleukin-6 (IL-6) Elevation After the Coronary Angioplasty: Effect of the -174 G/C IL-6 Gene Polymorphism, 1300

Predictive Value of Indexes of Inflammation and Hypercoagulability on Success of Cardioversion of Persistent Atrial Fibrillation, 508

Prognostic Usefulness of Plasma Monocyte/Macrophage and T-Lymphocyte Activation Markers in Patients With Acute Coronary Syndromes, 993

Relation of C-Reactive Protein Correlates With Risk of Thromboembolism in Patients With Atrial Fibrillation, 805

Relation of C-Reactive Protein to Restenosis After Coronary Stent Implantation and to Restenosis After Coronary Atherectomy, 104

Usefulness of C-Reactive Protein and Left Ventricular Function for Risk Assessment in Survivors of Acute Myocardial Infarction, 766

## Insulin-Like Growth Factor

Insulin-Like Growth Factor-I Gene Polymorphism and Risk of Heart Failure (the Rotterdam Study), 384

## Insulin Resistance

Comparison of Frequency of Insulin Resistance After Coronary Stenting in Patients With Type 2 Diabetes Mellitus With Versus Without Coronary Restenosis, 777

## Intensive Care

Salvage of Nondiagnostic Transthoracic Echocardiograms on Patients in Intensive Care Units with Intravenous Ultrasound Contrast, 409

## Interleukins

Comparison of Circulating Levels of Interleukin-6 and Tumor Necrosis Factor-Alpha in Hypertrophic Cardiomyopathy and in Idiopathic Dilated Cardiomyopathy, 249

Comparison of Levels of Matrix Metalloproteinases, Tissue Inhibitor of Metalloproteinases, Interleukins, and Tissue Necrosis Factor in Carotid Endarterectomy Specimens from Patients on Versus Not on Statins Preoperatively, 144

Effect of *Enalapril* and *Losartan* on Cytokines in Patients With Stable Angina Pectoris Awaiting Coronary Artery Bypass Grafting and Their Interaction With Polymorphisms in the Interleukin-6 Gene, 564

Interleukin-18 and Interleukin-18 Binding Protein Levels Before and After Percutaneous Coronary Intervention in Patients With and Without Recent Myocardial Infarction, 1285

Platelet Aggregation Inhibition Blocks C-Reactive Protein and Interleukin-6 (IL-6) Elevation After the Coronary Angioplasty: Effect of the -174 G/C IL-6 Gene Polymorphism, 1300

## International Mexiletine and Placebo Antiarrhythmic Coronary Trial (IMPACT) Study

Safety and Compliance With Once-Daily *Niacin* Extended-Release/*Lovastatin* as Initial Therapy in the Impact of Medical Subspecialty on Patient Compliance to Treatment (IMPACT) Study, 306

## Internet

Virtual Cardiac Symposia: Worldwide, Internet-Based, Educational Forums for Cardiologists, 1588

## Interview

Castelli, William Peter, 609

Murad, Ferid, 75

Nissen, Steven Evan, 320

## Intimal Hyperplasia

Relation of Intimal Hyperplasia Thickness to Stent Size in *Paclitaxel*-Coated Stents, 196

## Intima-Media Thickness

Relation of Aortic Valve Sclerosis to Carotid Artery Intima-Media Thickening in Healthy Subjects, 837

## Intra-Aortic Balloon Pump

In-Hospital Mortality Associated With the Use of Intra-Aortic Balloon Counterpulsation, 181

## Intravascular Ultrasound

Angiographic and Three-Dimensional Intravascular Ultrasound Analysis of Combined Intracoronary Beta Radiation and Self-Expanding Stent Implantation in Human Coronary Arteries, 1237

Characterization of Vulnerable Nonstenotic Plaque

With 16-Slice Computed Tomography Compared With Intravascular Ultrasound, 99

Comparison of Acute and Long-Term Results and Underlying Mechanisms from Sirolimus-Eluting Stent Implantation for the Treatment of In-Stent Restenosis and Recurrent In-Stent Restenosis in Patients in Whom Intracoronary Radiation Failed as Assessed by Intravascular Ultrasound, 917

Comparison of Measurement of Cross-Sectional Coronary Atherosclerotic Plaque and Vessel Areas by 16-Slice Multidetector Computed Tomography Versus Intravascular Ultrasound, 1294

Intravascular Ultrasonic Comparative Analysis of Degree of Intimal Hyperplasia Produced by Four Different Stents in the Coronary Arteries, 1548

Relation of Intimal Hyperplasia Thickness to Stent Size in *Paclitaxel*-Coated Stents, 196

Vascular Remodeling and Plaque Composition Between Focal and Diffuse Coronary Lesions Assessed by Intravascular Ultrasound, 1067

## Irbesartan Diabetic Nephropathy Trial

Clinically Unrecognized Q-Wave Myocardial Infarction in Patients With Diabetes Mellitus, Systemic Hypertension, and Nephropathy, 337

## Iron

Erythrocyte Indexes, Iron Metabolism, and Hyperhomocysteinemia in Adults With Cyanotic Congenital Cardiac Disease, 825

High Iron Stores and Ischemic Heart Disease in Rheumatoid Arthritis and Systemic Lupus Erythematosus, 981

## Ischemia. See Myocardial Ischemia

## Ischemia Modified Albumin

Effect of Radiofrequency Catheter Ablation on the Biochemical Marker Ischemia Modified Albumin, 234

## Ischemic Cardiomyopathy. See Cardiomyopathy

## Kawasaki Disease

Neutrophil-Derived S100A12 Is Profoundly Upregulated in the Early Stage of Acute Kawasaki Disease, 840

## Kidney Disease. See also Renal Failure

Ability of Troponin T to Predict Angiographic Coronary Artery Disease in Patients With Chronic Kidney Disease, 834

Causes of Acute Renal Dysfunction After Percutaneous Coronary Intervention and Comparison of Late Mortality Rates With Postprocedure Rise of Creatinine Kinase-MB Versus Rise of Serum Creatinine, 786

Chronic Kidney Disease Is a Cardiovascular Problem—Implications for Lipid Management, 167

Clinically Unrecognized Q-Wave Myocardial Infarction in Patients With Diabetes Mellitus, Systemic Hypertension, and Nephropathy, 337

Effect of Chronic Kidney Disease on Outcomes After Carotid Artery Stenting, 1093

Impact of Chronic Kidney Disease on Prognosis of Patients With Diabetes Mellitus Treated With Percutaneous Coronary Intervention, 300

Prognostic Importance of Renal Function in Patients

With Early Heart Failure and Mild Left Ventricular Dysfunction, 240

Recent Trends in Hospital Management Practices and Prognosis After Acute Myocardial Infarction in Patients With Kidney Disease, 1290

Significant Statistical Heterogeneity in a Meta-Analysis of the Usefulness of Acetylcysteine for Prevention of Contrast Nephropathy, 414

Usefulness of Hyperglycemia in Predicting Renal and Myocardial Injury in Patients With Diabetes Mellitus Undergoing Percutaneous Coronary Intervention, 1027

## Lamin A/C Gene

Familial Dilated Cardiomyopathy and Isolated Left Ventricular Noncompaction Associated With Lamin A/C Gene Mutations, 50

## Left Anterior Descending Artery

Comparison of Late (Four Years) Functional Health Status Between Percutaneous Transluminal Angioplasty Intervention and Off-Pump Left Internal Mammary Artery Bypass Grafting for Isolated High-Grade Narrowing of the Proximal Left Anterior Descending Coronary Artery, 1414

Comparison of Three-Year Outcomes After Coronary Stenting Versus Coronary Artery Bypass Grafting in Patients With Multivessel Coronary Disease, Including Involvement of the Left Anterior Descending Coronary Artery Proximally (a Subanalysis of the Arterial Revascularization Therapies Study Trial), 627

Coronary Flow Reserve of the Angiographically Normal Left Anterior Descending Coronary Artery in Patients With Remote Coronary Artery Disease, 577

## Left Atrium

Age- and Sex-Related Atrial Electrophysiologic and Structural Changes, 373

Echocardiographic Evidence of Left Atrial Abnormality in Young Patients With Lone Paroxysmal Atrial Fibrillation, 511

Effect of Linear Radiofrequency Ablation on Left Atrial Function, 277

Effect of Preload Reduction by Hemodialysis on Left Atrial Volume and Echocardiographic Doppler Parameters in Patients With End-Stage Renal Disease, 1208

Fate of Left Atrial Thrombi in Patients With Atrial Fibrillation Determined by Transesophageal Echocardiography and Cerebral Magnetic Resonance Imaging, 801

Magnitude of Left Atrial V Wave Is the Determinant of Exercise Capacity in Patients With Mitral Stenosis, 243

Usefulness of Intracardiac Doppler Assessment of Left Atrial Function Immediately Post-Pulmonary Vein Antrum Isolation to Predict Short-Term Recurrence of Atrial Fibrillation, 951

Usefulness of Left Atrial Volume as a Predictor of Mortality in Patients With Ischemic Cardiomyopathy, 760

## Left Ventricle

Accuracy of Measurement of Left Ventricular Volume and Ejection Fraction by New Real-Time Three-Dimensional Echocardiography in Patients With Wall Motion Abnormalities Secondary to Myocardial Infarction, 552

Association Between Exercise Capacity and Left Ventricular Geometry in Overweight Patients With Mild Systemic Hypertension, 1322

Clinical Characteristics and Thrombolysis In Myocardial Infarction Frame Counts in Women With Transient Left Ventricular Apical Ballooning Syndrome, 343

Comparison of Echocardiographic Features of Noncompaction of the Left Ventricle in Adults Versus Idiopathic Dilated Cardiomyopathy in Adults, 389

Comparison of Left Ventricular Lead Placement Via the Coronary Venous Approach Versus Lateral Thoracotomy in Patients Receiving Cardiac Resynchronization Therapy, 59

Comparison of Long-Term Effect of Coronary Artery Bypass Grafting in Patients With Ischemic Cardiomyopathy With Viable Versus Nonviable Left Ventricular Myocardium, 757

Early Detection by the Tei Index of *Carvedilol*-Induced Improved Left Ventricular Function in Patients With Heart Failure, 1456

Effect of Left Ventricular Remodeling After Cardiac Resynchronization Therapy on Frequency of Ventricular Arrhythmias, 130

Evaluation of Whole Left Ventricular Systolic Performance and Local Myocardial Systolic Function in Patients With Prior Myocardial Infarction Using Global Long-Axis Myocardial Strain, 929

Isolated Noncompaction Involving the Left Ventricular Apex in Adults, 1214

Matrix Metalloproteinase-1 Promoter Polymorphisms and Changes in Left Ventricular Volume Following Acute Myocardial Infarction, 1044

Noninvasive Mapping of Left Ventricular Electromechanical Asynchrony by Three-Dimensional Echocardiography and Semi-Automatic Contour Detection, 1449

Outcome of Percutaneous Coronary Intervention Versus Coronary Bypass Grafting for Patients With Low Left Ventricular Ejection Fractions, Unstable Angina Pectoris, and Risk Factors for Adverse Outcomes With Bypass (the AWESOME Randomized Trial and Registry), 118

Relation of Left Ventricular Sphericity to 10-Year Survival After Acute Myocardial Infarction, 1270

Three-Dimensional Assessment of Left Ventricular Systolic Strain in Patients With Type 2 Diabetes Mellitus, Diastolic Dysfunction, and Normal Ejection Fraction, 1391

Tissue Doppler Imaging of the Right and Left Ventricle in Severe Obesity (Body Mass Index >35 kg/m<sup>2</sup>), 1087

Usefulness of Temporary Left Ventricular Pacing Through the Coronary Sinus as an Adjunct to Transfemoral Percutaneous Coronary Intervention, 1055

### Left Ventricular Function

Association of Left Ventricular Filling Parameters Assessed by Pulsed Wave Doppler and Color M-Mode Doppler Echocardiography With Left Ventricular Pathology, Pulmonary Congestion, and Left Ventricular End-Diastolic Pressure, 488

Comparison in Patients Having Primary Coronary Angioplasty of *Abciximab* Versus *Tirofiban* on Recovery of Left Ventricular Function, 35

Comparison of Left Ventricular-Biventricular Pacing on

Ventricular Synchrony, Mitral Regurgitation, and Global Left Ventricular Function in Patients With Severe Chronic Heart Failure, 519

Comparison of Left Ventricular Function by Tissue Doppler Imaging in Patients With Diabetes Mellitus Without Systemic Hypertension Versus Diabetes Mellitus With Systemic Hypertension, 395

Effect of Antecedent Hypertension on Subsequent Left Ventricular Dilatation After Acute Myocardial Infarction (from the Survival and Ventricular Enlargement Trial), 1

Effect of *Atorvastatin* on Left Ventricular Diastolic Function and Ability of Coenzyme Q<sub>10</sub> to Reverse That Dysfunction, 1306

Effect of Regular Exercise After Third Decade on Doppler-Derived Left Ventricular Filling, 1595

Effect on Left Ventricular Function of Intracoronary Transplantation of Autologous Bone Marrow Mesenchymal Stem Cell in Patients With Acute Myocardial Infarction, 92

Evaluation of Left Ventricular Ejection Fraction by Tissue Locus Imaging, 273

Evaluation of Whole Left Ventricular Systolic Performance and Local Myocardial Systolic Function in Patients With Prior Myocardial Infarction Using Global Long-Axis Myocardial Strain, 929

Familial Dilated Cardiomyopathy and Isolated Left Ventricular Noncompaction Associated With Lamin A/C Gene Mutations, 50

Prediction of Subclinical Left Ventricular Dysfunction With Strain Rate Imaging in Patients With Asymptomatic Severe Mitral Regurgitation, 1333

Prognostic Importance of Renal Function in Patients With Early Heart Failure and Mild Left Ventricular Dysfunction, 240

Prognostic Value of Endocardial Electromechanical Mapping in Patients With Left Ventricular Dysfunction Undergoing Percutaneous Coronary Intervention, 1129

Relation Between Contractile Reserve and Improvement in Left Ventricular Function With Beta-Blocker Therapy in Patients With Heart Failure Secondary to Ischemic or Idiopathic Dilated Cardiomyopathy, 860

Simultaneous Biplane Single-Beat Assessment of Left Ventricular Systolic Function in Patients With Atrial Fibrillation, 942

Usefulness of C-Reactive Protein and Left Ventricular Function for Risk Assessment in Survivors of Acute Myocardial Infarction, 766

Usefulness of Myocardial Contrast Echocardiography in Predicting Global Left Ventricular Functional Recovery After Anterior Wall Acute Myocardial Infarction, 340

Which Echocardiographic Doppler Left Ventricular Diastolic Function Measurements Are Most Feasible in the Clinical Echocardiographic Laboratory?, 1099

### Left Ventricular Hypertrophy

Comparison of Frequency of Left Ventricular Wall Motion Abnormalities in Patients With a First Acute Myocardial Infarction With Versus Without Left Ventricular Hypertrophy, 763

Comparison of Prognostic Value of Left Ventricular Hypertrophy in African-American Men Versus Women, 1383

Contribution of Increased Minimal Coronary Resistance and Attenuated Vascular Adaptive Remodeling

to Myocardial Ischemia in Patients With Systemic Hypertension and Ventricular Hypertrophy, 484

### Left Ventricular Mass

Relation Between Epicardial Adipose Tissue and Left Ventricular Mass, 1084

### Leukocytes. See White Blood Cells

### Levosimendan

Hemodynamic Effects of *Levosimendan* Added to *Dobutamine* in Patients With Decompensated Advanced Heart Failure Refractory to Dobutamine Alone, 1329

Impact of *Levosimendan* Treatment on Chronic Heart Failure, 1105

### Lewis Lead

Comparison of P Waves Recorded on the Standard Electrocardiogram, the "Lewis Lead" and "Saline-Filled Central Venous Catheter"-Based Intracardiac Electrocardiogram, 474

### Lidocaine

Prevention of Primary Ventricular Fibrillation in Acute Myocardial Infarction With Prophylactic *Lidocaine*, 545

Prophylactic *Lidocaine* in Acute Myocardial Infarction: Resurface or Reburial?, 606

### Lifestyle Modification

A Cardioprotective "Polypill"? Independent and Additive Benefits of Lifestyle Modification, 162

Effectiveness of Therapeutic Lifestyle Changes in Patients With Hypertension, Hyperlipidemia, and/or Hyperglycemia, 1558

### LIFE Substudy

Effect of *Losartan* Versus *Atenolol* on Aortic Valve Sclerosis (a LIFE Substudy), 1076

### Lipid-Lowering Therapy. See also Statins

Chronic Kidney Disease Is a Cardiovascular Problem—Implications for Lipid Management, 167

Design and Baseline Characteristics of the Incremental Decrease in End Points Through Aggressive Lipid Lowering Study, 720

Effectiveness and Tolerability of *Ezetimibe* Add-on Therapy to a Bile Acid Resin-Based Regimen for Hypercholesterolemia, 795

Effects of *Atorvastatin* (10 mg) on Hemostatic and Inflammatory Parameters in Hyperlipidemic Patients With Angiographically Proven Coronary Artery Disease, 206

Lipid-Altering Changes and Pleiotropic Effects of *Atorvastatin* in Patients With Hypercholesterolemia, 497

Relation of Coronary Calcium Progression and Control of Lipids According to National Cholesterol Education Program Guidelines, 431

### Lipids

Mechanisms of Aortic Valve Calcification, 1396

A Meta-Analysis of Randomized Controlled Studies on the Effects of Extended-Release Niacin in Women, 121

Serum C-Reactive Protein and Lipids in Ultra-Marathon Runners, 125

## **Lipoproteins. See also High-Density Lipoprotein; Low-Density Lipoprotein**

Accuracy of the Triglyceride to High-Density Lipoprotein Cholesterol Ratio for Prediction of the Low-Density Lipoprotein Phenotype B, 219

Differential Effect of Two Nicotinic Acid Preparations on Low-Density Lipoprotein Subclass Distribution in Patients Classified as Low-Density Lipoprotein Pattern A, B, or I, 588

## **Long QT Syndrome**

Occurrence of Notched T Wave in Healthy Family Members With the Long QT Interval Syndrome, 808

Temporal Repolarization Lability Differences Among Genotyped Patients With the Long QT Syndrome, 1312

Virtual Cardiac Symposia: Worldwide, Internet-Based, Educational Forums for Cardiologists, 1588

## **Losartan**

Effect of *Enalapril* and *Losartan* on Cytokines in Patients With Stable Angina Pectoris Awaiting Coronary Artery Bypass Grafting and Their Interaction With Polymorphisms in the Interleukin-6 Gene, 564

Effect of *Losartan* Versus *Atenolol* on Aortic Valve Sclerosis (a LIFE Substudy), 1076

## **Lovastatin**

A Consumer Use Study of Over-the-Counter Lovastatin (CUSTOM), 1243

Over-the-Counter Statin Drug, 1362

Safety and Compliance With Once-Daily *Niacin* Extended-Release/*Lovastatin* as Initial Therapy in the Impact of Medical Subspecialty on Patient Compliance to Treatment (IMPACT) Study, 306

## **Low-Density Lipoprotein**

Accuracy of the Triglyceride to High-Density Lipoprotein Cholesterol Ratio for Prediction of the Low-Density Lipoprotein Phenotype B, 219

Chronic Kidney Disease Is a Cardiovascular Problem—Implications for Lipid Management, 167

Differential Effect of Two Nicotinic Acid Preparations on Low-Density Lipoprotein Subclass Distribution in Patients Classified as Low-Density Lipoprotein Pattern A, B, or I, 588

Impact of Nonprescriptive Factors on Low-Density Lipoprotein Cholesterol Reduction With Statins, 1310

Relation of Coronary Calcium Progression and Control of Lipids According to National Cholesterol Education Program Guidelines, 431

Reply to a Reader's Comment, 542

## **MADIT-II**

Temporal Aspects of Improved Survival With the Implanted Defibrillator (MADIT-II), 312

## **Magnetic Resonance Imaging**

Assessment of Biventricular Remodeling by Magnetic Resonance Imaging After Successful Primary Stenting for Acute Myocardial Infarction, 354

Clinical Role, Accuracy, and Technical Aspects of Cardiovascular Magnetic Resonance Imaging in Infants, 69

Fate of Left Atrial Thrombi in Patients With Atrial Fibrillation Determined by Transesophageal Echocardiography and Cerebral Magnetic Resonance Imaging, 801

Findings of Magnetic Resonance Imaging of Idiopathic Right Ventricular Outflow Tachycardia, 1441

Quantification of Myocardial Infarct Size and Transmurality by Contrast-Enhanced Magnetic Resonance Imaging in Men, 284

Regional Differences in Right Ventricular Systolic Function as Determined by Cine Magnetic Resonance Imaging After Infundibulotomy, 970

Three-Dimensional Assessment of Left Ventricular Systolic Strain in Patients With Type 2 Diabetes Mellitus, Diastolic Dysfunction, and Normal Ejection Fraction, 1391

## **Males. See Men**

## **Mammography**

Prevalence and Determination of Breast Arterial Calcium in Women at High Risk of Cardiovascular Disease, 655

## **Mapping**

Noninvasive Mapping of Left Ventricular Electromechanical Asynchrony by Three-Dimensional Echocardiography and Semi-Automatic Contour Detection, 1449

Prognostic Value of Endocardial Electromechanical Mapping in Patients With Left Ventricular Dysfunction Undergoing Percutaneous Coronary Intervention, 1129

## **Marfan's Syndrome**

Comparison of Aortic Dissection in Patients With and Without Marfan's Syndrome (Results from the International Registry of Aortic Dissection), 400

## **Matrix Metalloproteinase**

Comparison of Levels of Matrix Metalloproteinases, Tissue Inhibitor of Metalloproteinases, Interleukins, and Tissue Necrosis Factor in Carotid Endarterectomy Specimens from Patients on Versus Not on Statins Preoperatively, 144

Matrix Metalloproteinase-1 Promoter Polymorphisms and Changes in Left Ventricular Volume Following Acute Myocardial Infarction, 1044

Mechanisms of Aortic Valve Calcification, 1396

## **Medication Errors**

Medication Errors Associated With Anticoagulant Therapy in the Hospital, 532

## **Men**

Age- and Sex-Related Atrial Electrophysiologic and Structural Changes, 373

Comparison of Endothelial Function in Young Men and Women With a Family History of Premature Coronary Artery Disease, 783

Comparison of the Impact of Atrial Fibrillation on the Risk of Stroke and Cardiovascular Death in Women Versus Men (the Copenhagen City Heart Study), 889

Effects of *Rosiglitazone* on Endothelial Function in Men With Coronary Artery Disease Without Diabetes Mellitus, 151

Quantification of Myocardial Infarct Size and Transmurality by Contrast-Enhanced Magnetic Resonance Imaging in Men, 284

Sensitivity, Specificity, Positive Predictive Value, and Negative Predictive Value of the *Dipyridamole* Ses-tamibi Stress Test in Predicting Graft Occlusion or  $\geq 50\%$  New Native Coronary Artery Disease in Men Versus Women and in Patients Aged  $\geq 65$  Years

Versus  $<65$  Years Who Had Prior Coronary Artery Bypass Grafting, 625

Soluble Fibrin, C-Reactive Protein, Fibrinogen, Factor VII, Antithrombin, Proteins C and S, Tissue Factor, D-Dimer, and Prothrombin Fragment 1 + 2 in Men With Acute Myocardial Infarction  $\leq 45$  Years of Age, 1410

## **Meta-Analysis**

Angiotensin-Converting Enzyme Inhibitor Meta-Analysis Provides Misleading Conclusion, 149

A Meta-Analysis of Randomized Controlled Studies on the Effects of Extended-Release Niacin in Women, 121

Significant Statistical Heterogeneity in a Meta-Analysis of the Usefulness of Acetylcysteine for Prevention of Contrast Nephropathy, 414

## **Metabolic Syndrome. See also Syndrome X**

Association Between Metabolic Syndrome and Subclinical Coronary Atherosclerosis in Asymptomatic Adults, 1554

The Metabolic Syndrome, Formerly Called Metabolic "Syndrome X," 148

Prevalence of Coronary Heart Disease and Carotid Arterial Thickening in Patients With the Metabolic Syndrome (The ARIC Study), 1249

## **Methadone**

Methadone and QT Prolongation in HIV-Infected Patients, 147

## **Methods**

Assessment of Derived 12-Lead Electrocardiograms Using General and Patient-Specific Reconstruction Strategies at Rest and During Transient Myocardial Ischemia, 1529

Clinical Role, Accuracy, and Technical Aspects of Cardiovascular Magnetic Resonance Imaging in Infants, 69

Comparison of Eight- Versus 16-Slice Multidetector Computed Tomography for Visibility and Image Quality of Coronary Segments, 1539

Comparison of Measurement of Cross-Sectional Coronary Atherosclerotic Plaque and Vessel Areas by 16-Slice Multidetector Computed Tomography Versus Intravascular Ultrasound, 1294

Comparison of P Waves Recorded on the Standard Electrocardiogram, the "Lewis Lead" and "Saline-Filled Central Venous Catheter"-Based Intracardiac Electrocardiogram, 474

Comparison of Temporary Occlusion and Aspiration System Versus the Conventional Method During Coronary Stenting for Acute Myocardial Infarction, 1041

Efficacy of Transthoracic Cardioversion of Atrial Fibrillation Using a Biphasic, Truncated Exponential Shock Waveform at Variable Initial Shock Energies, 1572

Feasibility and Safety of Noninvasive Pacemaker Stress Echocardiography With Externally Triggered Stimulation, 1074

Hand-Carried Cardiac Ultrasound Enhances Healthcare Delivery in Developing Countries, 539

Noninvasive Mapping of Left Ventricular Electromechanical Asynchrony by Three-Dimensional Echocardiography and Semi-Automatic Contour Detection, 1449

Repeatability of Noninvasive Surrogates of Endothelial Function, 693

Reporting Measures of Endothelial Dysfunction Independent of Baseline Arterial Diameter, 1222

Standard Versus User-Interactive Assessment of Significant Coronary Stenoses With Multislice Computed Tomography Coronary Angiography, 1590

Usefulness of a Hand-Carried Cardiac Ultrasound Device for Bedside Examination of Pericardial Effusion in Patients After Cardiac Surgery, 406

Usefulness of Optical Coherent Reflectometry With Guided Radiofrequency Energy to Treat Chronic Total Occlusions in Peripheral Arteries (the GRIP Trial), 1081

Usefulness of *Procainamide* Challenge for Electrophysiologic Arrhythmia Risk Stratification, 1435

Usefulness of Real-Time Three-Dimensional Echocardiography for Evaluation of Myectomy in Patients With Hypertrophic Cardiomyopathy, 964

Usefulness of Single-Bolus *Adenosine* Test for Confirming Sinus Node Dysfunction and Correlation With Atrial Overdrive Suppression Test, 1569

Usefulness of Transesophageal Echocardiography Using a Combined Probe When Converting Atrial Fibrillation to Sinus Rhythm, 470

Utility and Diagnostic Accuracy of Hand-Carried Ultrasound for Emergency Room Evaluation of Chest Pain, 408

Utility of the Safe-Cross-Guided Radiofrequency Total Occlusion Crossing System in Chronic Coronary Total Occlusions (Results from the Guided Radio Frequency Energy Ablation of Total Occlusions Registry Study), 853

Which Echocardiographic Doppler Left Ventricular Diastolic Function Measurements Are Most Feasible in the Clinical Echocardiographic Laboratory?, 1099

### Metoprolol

Effect of *Amiodarone* on the Plasma Levels of *Metoprolol*, 1319

### Microcirculation

Hemodynamics of Microvascular Dysfunction in Patients With Anterior Wall Acute Myocardial Infarction, 209

Myocardial Microvascular Abnormalities Observed by Intravenous Myocardial Contrast Echocardiography in Patients With Hypertrophic Cardiomyopathy, 55

Usefulness of Coronary Flow Reserve Immediately After Primary Coronary Stenting in Predicting Wall Motion Recovery in Patients With Anterior Wall Acute Myocardial Infarction, 1033

### Mitral Regurgitation

Comparison of Left Ventricular-Biventricular Pacing on Ventricular Synchrony, Mitral Regurgitation, and Global Left Ventricular Function in Patients With Severe Chronic Heart Failure, 519

Effect of Cardiac Resynchronization Therapy on Functional Mitral Regurgitation in Heart Failure, 1462

Prediction of Subclinical Left Ventricular Dysfunction With Strain Rate Imaging in Patients With Asymptomatic Severe Mitral Regurgitation, 1333

### Mitral Stenosis

Magnitude of Left Atrial V Wave Is the Determinant of Exercise Capacity in Patients With Mitral Stenosis, 243

### Mitral Valve

Assessment of Papillary Muscle Function Using Myocardial Velocity Gradient Derived from Tissue Doppler Echocardiography, 45

Epidemiology and Association of Vascular and Valvular Calcium Quantified by Multidetector Computed Tomography in Elderly Asymptomatic Subjects, 348

### Molecular Biology

Clinical Features of Hypertrophic Cardiomyopathy Caused by an Arg278Cys Missense Mutation in the Cardiac Troponin T Gene, 246

Effect of *Amiodarone* on the Plasma Levels of *Metoprolol*, 1319

Effect of *Enalapril* and *Losartan* on Cytokines in Patients With Stable Angina Pectoris Awaiting Coronary Artery Bypass Grafting and Their Interaction With Polymorphisms in the Interleukin-6 Gene, 564

Familial Dilated Cardiomyopathy and Isolated Left Ventricular Noncompaction Associated With Lamin A/C Gene Mutations, 50

Insulin-Like Growth Factor-I Gene Polymorphism and Risk of Heart Failure (the Rotterdam Study), 384

Matrix Metalloproteinase-1 Promoter Polymorphisms and Changes in Left Ventricular Volume Following Acute Myocardial Infarction, 1044

Platelet Aggregation Inhibition Blocks C-Reactive Protein and Interleukin-6 (IL-6) Elevation After the Coronary Angioplasty: Effect of the -174 G/C IL-6 Gene Polymorphism, 1300

Temporal Repolarization Lability Differences Among Genotyped Patients With the Long QT Syndrome, 1312

### Monocyte Chemoattractant Protein-1

Prognostic Usefulness of Plasma Monocyte/Macrophage and T-Lymphocyte Activation Markers in Patients With Acute Coronary Syndromes, 993

### Mortality. See also Sudden Death

Association of Lesion Complexity Following Fibrinolytic Administration With Mortality in ST-Elevation Myocardial Infarction, 108

Cardiac Troponin T Elevation After Coronary Artery Bypass Grafting Is Associated With Increased One-Year Mortality, 879

Causes of Acute Renal Dysfunction After Percutaneous Coronary Intervention and Comparison of Late Mortality Rates With Postprocedure Rise of Creatinine Kinase-MB Versus Rise of Serum Creatinine, 786

Comparison of Mortality Rates After Acute Myocardial Infarction in Smokers Versus Nonsmokers, 632

Comparison of the Impact of Atrial Fibrillation on the Risk of Stroke and Cardiovascular Death in Women Versus Men (the Copenhagen City Heart Study), 889

In-Hospital Mortality Associated With the Use of Intra-Aortic Balloon Counterpulsation, 181

Mortality Rates and Hemorrhagic Complications in Asian-Pacific Islanders During Treatment of Acute Myocardial Infarction, 644

Outcome of Patients With Newly Diagnosed Atrial Fibrillation at the Mayo Clinic and Residing in That Area, 1379

Plasma N-Terminal Pro-B-Type Natriuretic Peptide for Prediction of Death or Nonfatal Myocardial Infarction Following Percutaneous Coronary Intervention, 1481

Prehypertension and Mortality in a Nationally Representative Cohort, 1496

Relation of an Elevated White Blood Cell Count After Percutaneous Coronary Intervention to Long-Term Mortality, 190

ST-Segment Resolution 60 Minutes After Combination Treatment of *Abciximab* With *Retepase* or *Retepase* Alone for Acute Myocardial Infarction (30-Day Mortality Results from the Resolution of ST-Segment After Reperfusion Therapy Substudy), 859

Usefulness of Left Atrial Volume as a Predictor of Mortality in Patients With Ischemic Cardiomyopathy, 760

### Murad, Ferid

Interview, 75

### Mustard Procedure

Increased QT Dispersion and Loss of Sinus Rhythm as Risk Factors for Late Sudden Death After Mustard or Senning Procedures for Transposition of the Great Arteries, 138

Usefulness of Multislice Computed Tomography Angiography to Evaluate Intravascular Stents and Transcatheter Occlusion Devices in Patients With d-Transposition of the Great Arteries After Mustard Repair, 967

### Mutation. See Molecular Biology

### Myocardial Contractility

Assessment of Papillary Muscle Function Using Myocardial Velocity Gradient Derived from Tissue Doppler Echocardiography, 45

### Myocardial Infarction

Accuracy of Measurement of Left Ventricular Volume and Ejection Fraction by New Real-Time Three-Dimensional Echocardiography in Patients With Wall Motion Abnormalities Secondary to Myocardial Infarction, 552

Acute Angiographic Analysis of Non-ST-Segment Elevation Acute Myocardial Infarction, 907

Association of Lesion Complexity Following Fibrinolytic Administration With Mortality in ST-Elevation Myocardial Infarction, 108

Association of Platelet Count With Residual Thrombus in the Myocardial Infarct-Related Coronary Artery Among Patients Treated With Fibrinolytic Therapy for ST-Segment Elevation Acute Myocardial Infarction, 1406

*Bivalirudin* Versus *Heparin* as an Antithrombotic Agent in Patients Treated With a Sirolimus-Eluting Stent, 1047

A Change in Serum Myoglobin to Detect Acute Myocardial Infarction in Patients With Normal Troponin I Levels, 864

Class Effect of Angiotensin-Converting Enzyme Inhibitors on Prevention of Myocardial Infarction, 1171

Clinically Unrecognized Q-Wave Myocardial Infarction in Patients With Diabetes Mellitus, Systemic Hypertension, and Nephropathy, 337

Comparison in Patients Having Primary Coronary Angioplasty of *Abciximab* Versus *Tirofiban* on Recovery of Left Ventricular Function, 35

Comparison of Angiotensin-Converting Enzyme Inhibitors and Angiotensin Receptor Blockers in the Primary Prevention of Myocardial Infarction in Hypertensive Patients, 479

- Comparison of Effects of *Quinapril* Versus *Enalapril* on Vasoactive Substances Following Acute Myocardial Infarction, 641
- Comparison of Frequency of Left Ventricular Wall Motion Abnormalities in Patients With a First Acute Myocardial Infarction With Versus Without Left Ventricular Hypertrophy, 763
- Comparison of Mortality Rates After Acute Myocardial Infarction in Smokers Versus Nonsmokers, 632
- Comparison of Temporary Occlusion and Aspiration System Versus the Conventional Method During Coronary Stenting for Acute Myocardial Infarction, 1041
- Comparison of the Extent and Severity of Coronary Artery Disease in Patients With Acute Myocardial Infarction With and Without Microalbuminuria, 334
- Differential Prognostic Significance of Peri-Infarction Versus Remote Myocardial Ischemia on Stress Technetium-99m Sestamibi Tomography in Patients With Healed Myocardial Infarction, 289
- Echocardiographic Predictors of Prognosis After First Acute Myocardial Infarction, 1278
- Effect of Antecedent Hypertension on Subsequent Left Ventricular Dilatation After Acute Myocardial Infarction (from the Survival and Ventricular Enlargement Trial), 1
- Effect of Glucose-Insulin-Potassium Infusion on Plasma Free Fatty Acid Concentrations in Patients Undergoing Primary Percutaneous Coronary Intervention for ST-Elevation Myocardial Infarction, 1288
- Effect of Intracoronary *Adenosine* Infusion During Coronary Intervention on Myocardial Reperfusion Injury in Patients With Acute Myocardial Infarction, 9
- Effect of Rescue or Adjunctive Percutaneous Coronary Intervention of the Culprit Artery After Fibrinolytic Administration on Epicardial Flow in Nonculprit Arteries, 178
- Effect on Left Ventricular Function of Intracoronary Transplantation of Autologous Bone Marrow Mesenchymal Stem Cell in Patients With Acute Myocardial Infarction, 92
- Effects of *Edaravone* on Reperfusion Injury in Patients With Acute Myocardial Infarction, 481
- Efficacy and Safety of Two Unfractionated Heparin Dosing Strategies With *Tenecteplase* in Acute Myocardial Infarction (Results from Assessment of the Safety and Efficacy of New Thrombolytic Regimens 2 and 3), 279
- Evaluation of Whole Left Ventricular Systolic Performance and Local Myocardial Systolic Function in Patients With Prior Myocardial Infarction Using Global Long-Axis Myocardial Strain, 929
- Frequency of Returning to Work One and Six Months Following Percutaneous Coronary Intervention for Acute Myocardial Infarction, 1403
- Hemodynamics of Microvascular Dysfunction in Patients With Anterior Wall Acute Myocardial Infarction, 209
- Impact of Peri-Stent Remodeling on In-Stent Neointimal Proliferation in Acute Myocardial Infarction, 769
- Influence of Admission and Discharge Aspirin Use on Survival After Primary Coronary Angioplasty for Acute Myocardial Infarction, 1029
- In-Hospital Management and Outcome in Women With Acute Myocardial Infarction (Data from the AMI-Florence Registry), 1118
- Interleukin-18 and Interleukin-18 Binding Protein Levels Before and After Percutaneous Coronary Intervention in Patients With and Without Recent Myocardial Infarction, 1285
- Long-Term Prognosis of Patients Having Acute Myocardial Infarction When  $\leq 40$  Years of Age, 989
- Magnitude and Impact of Treatment Delays on Weeknights and Weekends in Patients Undergoing Primary Angioplasty for Acute Myocardial Infarction (the CADILLAC Trial), 637
- Matrix Metalloproteinase-1 Promoter Polymorphisms and Changes in Left Ventricular Volume Following Acute Myocardial Infarction, 1044
- Mechanism of Coronary Artery Restenosis After Stenting for Acute Myocardial Infarction, 1037
- Mortality Rates and Hemorrhagic Complications in Asian-Pacific Islanders During Treatment of Acute Myocardial Infarction, 644
- New Electrocardiographic Criteria for Identifying the Culprit Artery in Inferior Wall Acute Myocardial Infarction—Usefulness of T-Wave Amplitude Ratio in Leads II/III and T-Wave Polarity in the Right V<sub>5</sub> Lead, 1168
- Plasma N-Terminal Pro-B-Type Natriuretic Peptide for Prediction of Death or Nonfatal Myocardial Infarction Following Percutaneous Coronary Intervention, 1481
- Predictors of and Outcomes of Early Thrombosis Following Balloon Angioplasty Versus Primary Stenting in Acute Myocardial Infarction and Usefulness of *Abciximab* (The CADILLAC Trial), 983
- Prevention of Primary Ventricular Fibrillation in Acute Myocardial Infarction With Prophylactic *Lidocaine*, 545
- Primary Percutaneous Coronary Intervention Versus Fibrinolytic Therapy in Acute Myocardial Infarction: Does the Choice of Fibrinolytic Agent Impact on the Importance of Time-to-Treatment?, 772
- Prognostic Significance of Early Short-Term Measurements of Heart Rate Variability Following Acute Myocardial Infarction, 1275
- Prophylactic *Lidocaine* in Acute Myocardial Infarction: Resurface or Reburial?, 606
- Quantification of Myocardial Infarct Size and Transmurality by Contrast-Enhanced Magnetic Resonance Imaging in Men, 284
- Recent Trends in Hospital Management Practices and Prognosis After Acute Myocardial Infarction in Patients With Kidney Disease, 1290
- Relation of Left Ventricular Sphericity to 10-Year Survival After Acute Myocardial Infarction, 1270
- Reply to a Reader's Comment, 542
- Revascularization Among Patients With Acute Myocardial Infarction Complicated by Cardiogenic Shock and Impact of American College of Cardiology / American Heart Association Guidelines, 1281
- Safety of Stress Testing During the Evolution of Unstable Angina Pectoris or Non-ST-Elevation Myocardial Infarction, 1537
- Sequential Risk Stratification Using TIMI Risk Score and TIMI Flow Grade Among Patients Treated With Fibrinolytic Therapy for ST-Segment Elevation Acute Myocardial Infarction, 1113
- Short-Term (28 Days) Prognosis Between Genders According to the Type of Coronary Event (Q-Wave Versus Non-Q-Wave Acute Myocardial Infarction Versus Unstable Angina Pectoris), 1161
- Soluble Fibrin, C-Reactive Protein, Fibrinogen, Factor VII, Antithrombin, Proteins C and S, Tissue Factor, D-Dimer, and Prothrombin Fragment 1 + 2 in Men With Acute Myocardial Infarction  $\leq 45$  Years of Age, 1410
- ST-Segment Resolution 60 Minutes After Combination Treatment of *Abciximab* With *Reteplase* or *Reteplase* Alone for Acute Myocardial Infarction (30-Day Mortality Results from the Resolution of ST-Segment After Reperfusion Therapy Substudy), 859
- Therapeutic Delay and Reduced Functional Status Six Months After Thrombolysis for Acute Myocardial Infarction, 415
- Usefulness of Brain Natriuretic Peptide Levels to Discriminate Patients With Stable Angina Pectoris Without and With Electrocardiographic Myocardial Ischemia and Patients With Healed Myocardial Infarction, 780
- Usefulness of Coronary Flow Reserve Immediately After Primary Coronary Stenting in Predicting Wall Motion Recovery in Patients With Anterior Wall Acute Myocardial Infarction, 1033
- Usefulness of C-Reactive Protein and Left Ventricular Function for Risk Assessment in Survivors of Acute Myocardial Infarction, 766
- Usefulness of Myocardial Contrast Echocardiography in Predicting Global Left Ventricular Functional Recovery After Anterior Wall Acute Myocardial Infarction, 340
- Value of Electrocardiographic Algorithm Based on "Ups and Downs" of ST in Assessment of a Culprit Artery in Evolving Inferior Myocardial Infarction, 709
- A 25-Year Perspective Into the Changing Landscape of Patients Hospitalized With Acute Myocardial Infarction (the Worcester Heart Attack Study), 1373

## Myocardial Ischemia

- Assessment of Derived 12-Lead Electrocardiograms Using General and Patient-Specific Reconstruction Strategies at Rest and During Transient Myocardial Ischemia, 1529
- Brachial Artery Reactivity in Asymptomatic Patients With Type 2 Diabetes Mellitus and Microalbuminuria (from the Detection of Ischemia in Asymptomatic Diabetics-Brachial Artery Reactivity Study), 294
- Comparison of Stress-Induced Myocardial Ischemia in Patients With and Without Coronary Arterial Collaterals, 1232
- Contribution of Increased Minimal Coronary Resistance and Attenuated Vascular Adaptive Remodeling to Myocardial Ischemia in Patients With Systemic Hypertension and Ventricular Hypertrophy, 484
- Differential Prognostic Significance of Peri-Infarction Versus Remote Myocardial Ischemia on Stress Technetium-99m Sestamibi Tomography in Patients With Healed Myocardial Infarction, 289
- Effect of Radiofrequency Catheter Ablation on the Biochemical Marker Ischemia Modified Albumin, 234
- High Iron Stores and Ischemic Heart Disease in Rheumatoid Arthritis and Systemic Lupus Erythematosus, 981
- Prevalence of Angiographic Coronary Artery Disease in Patients Hospitalized for Acute Diastolic Heart Failure Without Clinical and Electrocardiographic Evidence of Myocardial Ischemia on Admission, 133

Quantitative Relation of ST-Segment Depression During Exercise to the Magnitude of Myocardial Ischemia as Assessed by Single-Photon Emission Computed Tomographic Myocardial Perfusion Imaging, 703

Usefulness of Brain Natriuretic Peptide Levels to Discriminate Patients With Stable Angina Pectoris Without and With Electrocardiographic Myocardial Ischemia and Patients With Healed Myocardial Infarction, 780

### Myocardial Perfusion

Prognostic Value of Exercise Stress Myocardial Perfusion Imaging in Patients With Permanent Pacemakers, 811

Quantitative Relation of ST-Segment Depression During Exercise to the Magnitude of Myocardial Ischemia as Assessed by Single-Photon Emission Computed Tomographic Myocardial Perfusion Imaging, 703

Usefulness of Real-Time Myocardial Perfusion Imaging in the Evaluation of Patients With First Time Chest Pain, 1225

### Myocardial Strain

Evaluation of Whole Left Ventricular Systolic Performance and Local Myocardial Systolic Function in Patients With Prior Myocardial Infarction Using Global Long-Axis Myocardial Strain, 929

### Myocardial Viability

Comparison of Long-Term Effect of Coronary Artery Bypass Grafting in Patients With Ischemic Cardiomyopathy With Viable Versus Nonviable Left Ventricular Myocardium, 757

Comparison of Real-Time Myocardial Contrast Echocardiography for the Assessment of Myocardial Viability With Fluorodeoxyglucose-18 Positron Emission Tomography and *Dobutamine* Stress Echocardiography, 570

Quantification of Myocardial Infarct Size and Transmurality by Contrast-Enhanced Magnetic Resonance Imaging in Men, 284

### Myocarditis

Apoptotic Cardiomyocyte Death in Fatal Myocarditis, 746

### Myoglobin

A Change in Serum Myoglobin to Detect Acute Myocardial Infarction in Patients With Normal Troponin I Levels, 864

### Natriuretic Peptides

Clinical Significance of Increased Cardiac Troponins T and I in Participants of Ultra-Endurance Events, 696

Effects of *Carvedilol* on Plasma B-Type Natriuretic Peptide Concentration and Symptoms in Patients With Heart Failure and Preserved Ejection Fraction, 448

Elevated B-Type Natriuretic Peptide in Asymptomatic Men With Chronic Aortic Regurgitation and Preserved Left Ventricular Systolic Function, 676

N-Terminal Pro-Brain Natriuretic Peptide Reflects Pulmonary Capillary Leakage in Patients With Acute Dyspnea, 669

Plasma Brain Natriuretic Peptide in Obstructive Sleep Apnea, 529

Plasma N-Terminal Pro-B-Type Natriuretic Peptide for Prediction of Death or Nonfatal Myocardial Infarction Following Percutaneous Coronary Intervention, 1481

Relation of N-Terminal Pro-B-Type Natriuretic Peptide to Severity of Valvular Aortic Stenosis, 740

Usefulness of an Elevated B-Type Natriuretic Peptide to Predict Allograft Failure, Cardiac Allograft Vasculopathy and Survival After Heart Transplantation, 454

Usefulness of Brain Natriuretic Peptide Levels to Discriminate Patients With Stable Angina Pectoris Without and With Electrocardiographic Myocardial Ischemia and Patients With Healed Myocardial Infarction, 780

Usefulness of N-Terminal-Pro-Brain Natriuretic Peptide Levels in Predicting Survival in Heart Transplant Recipients, 1585

Use of B-Type Natriuretic Peptide for the Management of Women With Dyspnea, 1510

Usefulness of N-Terminal-Pro-Brain Natriuretic Peptide Levels in Predicting Survival in Heart Transplant Recipients, 1585

### Neointima

Comparison of Neointimal Formation in Polymer-Free *Pacitaxel* Stents Versus Stainless Stents (from the ASPECT and ELUTES Randomized Clinical Trials), 199

Effect of *Abciximab*-Coated Stent on In-Stent Intimal Hyperplasia in Human Coronary Arteries, 1050

Impact of Peri-Stent Remodeling on In-Stent Neointimal Proliferation in Acute Myocardial Infarction, 769

### Nesiritide

Safety and Feasibility of Using Serial Infusions of *Nesiritide* for Heart Failure in an Outpatient Setting (from the FUSION I Trial), 595

### Niacin

A Meta-Analysis of Randomized Controlled Studies on the Effects of Extended-Release Niacin in Women, 121

Safety and Compliance With Once-Daily *Niacin* Extended-Release/*Lovastatin* as Initial Therapy in the Impact of Medical Subspecialty on Patient Compliance to Treatment (IMPACT) Study, 306

### Nicotinic Acid

Differential Effect of Two Nicotinic Acid Preparations on Low-Density Lipoprotein Subclass Distribution in Patients Classified as Low-Density Lipoprotein Pattern A, B, or I, 588

### Nissen, Steven Evan

Interview, 320

### Nitrates

Comparison of Once Daily Versus Twice Daily Oral Nitrates in Stable Angina Pectoris, 213

Survey of the Use of Organic Nitrates for the Treatment of Chronic Congestive Heart Failure in the United States, 1465

### Nitric Oxide

Comparison of Effects of *Quinapril* Versus *Enalapril* on Vasoactive Substances Following Acute Myocardial Infarction, 641

Comparison of Endothelial Function in Young Men and Women With a Family History of Premature Coronary Artery Disease, 783

Effect of Oral L-Arginine on Oxidant Stress, Endothelial Dysfunction, and Systemic Arterial Pressure in Young Cardiac Transplant Recipients, 828

### Nonagenarians

Effectiveness of Percutaneous Coronary Interventions in Nonagenarians, 1058

### Nuclear Factor Kappa B

Effect of Chronic Heart Failure on Nuclear Factor Kappa B in Peripheral Leukocytes, 671

### Nutrition. See Diet

### Obesity

The Amish, Body Weight, and Exercise, 1221

Association Between Exercise Capacity and Left Ventricular Geometry in Overweight Patients With Mild Systemic Hypertension, 1322

Comparison of the Risk of Vascular Complications Associated With Femoral and Radial Access Coronary Catheterization Procedures in Obese Versus Nonobese Patients, 1174

Tissue Doppler Imaging of the Right and Left Ventricle in Severe Obesity (Body Mass Index >35 kg/m<sup>2</sup>), 1087

### Obstructive Sleep Apnea

Plasma Brain Natriuretic Peptide in Obstructive Sleep Apnea, 529

### Octogenarians

Comparison of Transradial and Transfemoral Approaches for Coronary Angiography and Angioplasty in Octogenarians (the OCTOPLUS Study), 1177

Effectiveness of Sirolimus-Eluting Stent Implantation for the Treatment of Coronary Artery Disease in Octogenarians, 909

### OCTOPLUS Study

Comparison of Transradial and Transfemoral Approaches for Coronary Angiography and Angioplasty in Octogenarians (the OCTOPLUS Study), 1177

### Optical Coherent Reflectometry

Usefulness of Optical Coherent Reflectometry With Guided Radiofrequency Energy to Treat Chronic Total Occlusions in Peripheral Arteries (the GRIP Trial), 1081

### Osteoporosis

Relation of Low Bone Mineral Density and Carotid Atherosclerosis in Postmenopausal Women, 266

### Outcomes

Angiographic and Clinical Outcomes of Late Total Occlusion Versus Treatment Failure Without Late Total Occlusion in Patients After Intracoronary Radiation Therapy for In-Stent Restenosis, 1551

Comparison of Acute and Long-Term Results and Underlying Mechanisms from Sirolimus-Eluting Stent Implantation for the Treatment of In-Stent Restenosis and Recurrent In-Stent Restenosis in Patients in Whom Intracoronary Radiation Failed as Assessed by Intravascular Ultrasound, 917

Comparison of Clinical and Angiographic Outcome of Sirolimus-Eluting Stent Implantation Versus Cutting Balloon Angioplasty for Coronary In-Stent Restenosis, 1297

Comparison of Late (Four Years) Functional Health Status Between Percutaneous Transluminal Angioplasty Intervention and Off-Pump Left Internal Mammary Artery Bypass Grafting for Isolated High-Grade Narrowing of the Proximal Left Anterior Descending Coronary Artery, 1414

Comparison of Outcomes in Acute Coronary Syn-

- drome in Patients Receiving Statins Within 24 Hours of Onset Versus at Later Times, 1166
- Comparison of Outcomes in Patients With Active Infective Endocarditis With Versus Without Paravalvular Abscess and With and Without Valve Replacement, 136
- Comparison of Outcomes of Percutaneous Coronary Intervention of Ostial Versus Nonostial Narrowing of the Major Epicardial Arteries, 583
- Comparison of Outcomes of White Versus Black Patients Hospitalized With Heart Failure and Preserved Ejection Fraction, 1003
- Comparison of Presenting Features, Diagnostic Tools, Hospital Outcomes, and Quality of Care Indicators in Older (>65 Years) to Younger, Men to Women, and Diabetics to Nondiabetics With Acute Chest Pain Triage in the Emergency Department, 216
- Comparison of Quality of Life After Repeat Versus Initial Coronary Artery Bypass Grafting, 494
- Comparison of Results of Percutaneous Closure of Patent Foramen Ovale for Paradoxical Embolism in Patients With Versus Without Thrombophilia, 1012
- Comparison of Three-Year Outcomes After Coronary Stenting Versus Coronary Artery Bypass Grafting in Patients With Multivessel Coronary Disease, Including Involvement of the Left Anterior Descending Coronary Artery Proximally (a Subanalysis of the Arterial Revascularization Therapies Study Trial), 627
- Comparison of Three-Year Outcomes in Blacks Versus Whites With Coronary Heart Disease Following Percutaneous Coronary Intervention, 647
- Determinants of Outcome in Isolated Ventricular Noncompaction in Childhood, 1581
- Effectiveness of Percutaneous Coronary Interventions in Nonagenarians, 1058
- Effect of Chronic Kidney Disease on Outcomes After Carotid Artery Stenting, 1093
- Effect of Chronic Obstructive Pulmonary Disease on Survival of Patients With Coronary Heart Disease Having Percutaneous Coronary Intervention, 649
- Effect of Elevated Admission Serum Creatinine and Its Worsening on Outcome in Hospitalized Patients With Decompensated Heart Failure, 957
- Epidemiology and Determinants of Outcome of Admissions for Atrial Fibrillation in the United States from 1996 to 2001, 500
- Frequency of Returning to Work One and Six Months Following Percutaneous Coronary Intervention for Acute Myocardial Infarction, 1403
- Gender and Risk of Adverse Outcomes in Heart Failure, 1147
- Impact of Anemia on Outcomes of Patients Undergoing Percutaneous Coronary Interventions, 1023
- Impact of Interventionalist Volume, Experience, and Board Certification on Coronary Angioplasty Outcomes in the Era of Stenting, 421
- Importance of In-Hospital Initiation of Evidence-Based Medical Therapies for Heart Failure—A Review, 1155
- Influence of Admission and Discharge Aspirin Use on Survival After Primary Coronary Angioplasty for Acute Myocardial Infarction, 1029
- In-Hospital Mortality Associated With the Use of Intra-Aortic Balloon Counterpulsation, 181
- One-Year Outcome of Patients After Acute Coronary Syndromes (from the Canadian Acute Coronary Syndromes Registry), 25
- Outcome After Cavo-Tricuspid Isthmus Ablation in Patients With Recurrent Atrial Fibrillation and Drug-Related Typical Atrial Flutter, 504
- Outcome and Complications of Retrievable Inferior Vena Cava Filters, 1090
- Outcome of Patients With Newly Diagnosed Atrial Fibrillation at the Mayo Clinic and Residing in That Area, 1379
- Outcome of Percutaneous Coronary Intervention Versus Coronary Bypass Grafting for Patients With Low Left Ventricular Ejection Fractions, Unstable Angina Pectoris, and Risk Factors for Adverse Outcomes With Bypass (the AWESOME Randomized Trial and Registry), 118
- Predictors of and Outcomes of Early Thrombosis Following Balloon Angioplasty Versus Primary Stenting in Acute Myocardial Infarction and Usefulness of *Abciximab* (The CADILLAC Trial), 983
- Quality of Life and Social Outcomes in Adults With Congenital Heart Disease Living in Rural Areas of Kentucky, 263
- Relation of an Elevated White Blood Cell Count After Percutaneous Coronary Intervention to Long-Term Mortality, 190
- Relation of Left Ventricular Sphericity to 10-Year Survival After Acute Myocardial Infarction, 1270
- Results of Catheter Ablation of Typical Atrial Flutter, 437
- Stent Implantation in Very Small Coronary Arteries: The Tsunami SV International Registry, 1429
- Two-Year Outcomes of Repeated Brachytherapy in Patients With Restenosis After Intracoronary Radiation Therapy, 1061
- Usefulness of Depression to Predict Time to Combined End Point of Transplant or Death for Outpatients With Advanced Heart Failure, 1577
- Oxidative Stress. See also Nitric Oxide**
- Effect of *Edaravone*, a Novel Free Radical Scavenger, on Endothelium-Dependent Vasodilation in Smokers, 1070
- Effect of Oral L-Arginine on Oxidant Stress, Endothelial Dysfunction, and Systemic Arterial Pressure in Young Cardiac Transplant Recipients, 828
- Prediction of Heart Transplant Rejection With a Breath Test for Markers of Oxidative Stress, 1593
- Pacing**
- Comparison of Left Ventricular-Biventricular Pacing on Ventricular Synchrony, Mitral Regurgitation, and Global Left Ventricular Function in Patients With Severe Chronic Heart Failure, 519
- Comparison of Left Ventricular Lead Placement Via the Coronary Venous Approach Versus Lateral Thoracotomy in Patients Receiving Cardiac Resynchronization Therapy, 59
- Effects of Race and Health Insurance on the Rates of Pacemaker Implantation for Complete Heart Block in the United States, 227
- Effects of Ventricular Rate Regularization Pacing on Quality of Life and Symptoms in Patients With Atrial Fibrillation (Atrial Fibrillation Symptoms Mediated by Pacing to Mean Rates [AF SYMPTOMS Study]), 938
- Feasibility and Safety of Noninvasive Pacemaker Stress Echocardiography With Externally Triggered Stimulation, 1074
- Pacing for Heart Block After Septal Reduction Therapy, 1224
- Prognostic Value of Exercise Stress Myocardial Perfusion Imaging in Patients With Permanent Pacemakers, 811
- Time Intervals of Cardiac Resynchronization Therapy in Heart Failure, 1192
- Usefulness of Quantitative Gated Single-Photon Emission Computed Tomography to Evaluate Ventricular Synchrony in Patients Receiving Biventricular Pacing, 127
- Usefulness of Temporary Left Ventricular Pacing Through the Coronary Sinus as an Adjunct to Transfemoral Percutaneous Coronary Intervention, 1055
- Paclitaxel**
- Comparison of Neointimal Formation in Polymer-Free *Paclitaxel* Stents Versus Stainless Stents (from the ASPECT and ELUTES Randomized Clinical Trials), 199
- Intravascular Ultrasonic Comparative Analysis of Degree of Intimal Hyperplasia Produced by Four Different Stents in the Coronary Arteries, 1548
- Relation of Intimal Hyperplasia Thickness to Stent Size in *Paclitaxel*-Coated Stents, 196
- Parvovirus**
- Evidence of Viral Infection in the Myocardium of American and Japanese Patients With Idiopathic Dilated Cardiomyopathy, 602
- Patent Ductus Arteriosus**
- Comparison of Percutaneous Closure of Large Patent Ductus Arteriosus by Multiple Coils Versus the Amplatzer Duct Occluder Device, 252
- Surgical Treatment of Patent Ductus Arteriosus: A New Historical Perspective, 1153
- Patent Foramen Ovale**
- Comparative Roles of the Atrial Septal Aneurysm Versus Patent Foramen Ovale in Systemic Embolization With Inferences from Neonatal Studies, 1341
- Comparison of Results of Percutaneous Closure of Patent Foramen Ovale for Paradoxical Embolism in Patients With Versus Without Thrombophilia, 1012
- Identification of Professional Scuba Divers With Patent Foramen Ovale at Risk for Decompression Illness, 270
- Usefulness of Three-Dimensional Echocardiographic Reconstruction of the Amplatzer Septal Occluder in Patients Undergoing Atrial Septal Closure, 1343
- Pediatrics**
- Clinical Role, Accuracy, and Technical Aspects of Cardiovascular Magnetic Resonance Imaging in Infants, 69
- Comparison of Costs of Intracardiac Echocardiography and Transesophageal Echocardiography in Monitoring Percutaneous Device Closure of Atrial Septal Defects in Children and Adults, 690
- Determinants of Outcome in Isolated Ventricular Noncompaction in Childhood, 1581
- Frequency of Aortic Root Dilatation in Children With a Bicuspid Aortic Valve, 1337
- Initial Experience With Cardiac Resynchronization



- Therapy for Ventricular Dysfunction in Young Patients With Surgically Operated Congenital Heart Disease, 1352
- Long-Term Survival of Childhood Coronary Artery Disease in a Patient Severely Affected With Familial Hypercholesterolemia, 699
- Risk Factors for Aortic Valve Dysfunction in Children With Discrete Subvalvar Aortic Stenosis, 459
- Slow Pathway Modification for Atrioventricular Nodal Reentrant Tachycardia, 1316
- Percutaneous Coronary Intervention**
- Association of Lesion Complexity Following Fibrinolytic Administration With Mortality in ST-Elevation Myocardial Infarction, 108
- Association Between Duration of *Tirofiban* Therapy Before Percutaneous Intervention and Tissue Level Perfusion (A TACTICS-TIMI 18 Substudy), 492
- Bivalirudin* Versus *Heparin* as an Antithrombotic Agent in Patients Treated With a Sirolimus-Eluting Stent, 1047
- Causes of Acute Renal Dysfunction After Percutaneous Coronary Intervention and Comparison of Late Mortality Rates With Postprocedure Rise of Creatinine Kinase-MB Versus Rise of Serum Creatinine, 786
- Comparison of Femoral Bleeding Complications After Coronary Angiography Versus Percutaneous Coronary Intervention, 361
- Comparison of Late (Four Years) Functional Health Status Between Percutaneous Transluminal Angioplasty Intervention and Off-Pump Left Internal Mammary Artery Bypass Grafting for Isolated High-Grade Narrowing of the Proximal Left Anterior Descending Coronary Artery, 1414
- Comparison of Long-Term Usefulness of *Clopidogrel* Therapy After the First Percutaneous Coronary Intervention or Coronary Artery Bypass Grafting Versus That After the Second or Repeat Intervention, 623
- Comparison of Outcomes of Percutaneous Coronary Intervention of Ostial Versus Nonostial Narrowing of the Major Epicardial Arteries, 583
- Comparison of Three-Year Outcomes in Blacks Versus Whites With Coronary Heart Disease Following Percutaneous Coronary Intervention, 647
- Comparison of Transradial and Transfemoral Approaches for Coronary Angiography and Angioplasty in Octogenarians (the OCTOPLUS Study), 1177
- Double Jeopardy of Renal Insufficiency and Anemia in Patients Undergoing Percutaneous Coronary Interventions, 30
- Effectiveness of Percutaneous Coronary Interventions in Nonagenarians, 1058
- Effect of *Bivalirudin* on Length of Stay in the Recovery Area After Percutaneous Coronary Intervention Compared With *Heparin* Alone, *Heparin* + *Abciximab*, or *Heparin* + *Eptifibatide*, 1417
- Effect of Chronic Obstructive Pulmonary Disease on Survival of Patients With Coronary Heart Disease Having Percutaneous Coronary Intervention, 649
- Effect of *Clopidogrel* Pretreatment on Periprocedural Rise in C-Reactive Protein After Percutaneous Coronary Intervention, 358
- Effect of Glucose-Insulin-Potassium Infusion on Plasma Free Fatty Acid Concentrations in Patients Undergoing Primary Percutaneous Coronary Intervention for ST-Elevation Myocardial Infarction, 1288
- Effect of Rescue or Adjunctive Percutaneous Coronary Intervention of the Culprit Artery After Fibrinolytic Administration on Epicardial Flow in Nonculprit Arteries, 178
- Effect of Statin Therapy Prior to Elective Percutaneous Coronary Intervention on Frequency of Periprocedural Myocardial Injury, 1361
- Endothelial Dysfunction and Inflammation After Percutaneous Coronary Intervention, 1420
- Frequency of Returning to Work One and Six Months Following Percutaneous Coronary Intervention for Acute Myocardial Infarction, 1403
- Impact of Anemia on Outcomes of Patients Undergoing Percutaneous Coronary Interventions, 1023
- Impact of Chronic Kidney Disease on Prognosis of Patients With Diabetes Mellitus Treated With Percutaneous Coronary Intervention, 300
- In-Hospital Mortality Associated With the Use of Intra-Aortic Balloon Counterpulsation, 181
- Interleukin-18 and Interleukin-18 Binding Protein Levels Before and After Percutaneous Coronary Intervention in Patients With and Without Recent Myocardial Infarction, 1285
- Optimal Duration of *Eptifibatide* Infusion in Percutaneous Coronary Intervention (an ESPRIT Substudy), 926
- Outcome of Percutaneous Coronary Intervention Versus Coronary Bypass Grafting for Patients With Low Left Ventricular Ejection Fractions, Unstable Angina Pectoris, and Risk Factors for Adverse Outcomes With Bypass (the AWESOME Randomized Trial and Registry), 118
- Plasma N-Terminal Pro-B-Type Natriuretic Peptide for Prediction of Death or Nonfatal Myocardial Infarction Following Percutaneous Coronary Intervention, 1481
- Primary Percutaneous Coronary Intervention Versus Fibrinolytic Therapy in Acute Myocardial Infarction: Does the Choice of Fibrinolytic Agent Impact on the Importance of Time-to-Treatment?, 772
- Prognostic Value of Endocardial Electromechanical Mapping in Patients With Left Ventricular Dysfunction Undergoing Percutaneous Coronary Intervention, 1129
- Relation of an Elevated White Blood Cell Count After Percutaneous Coronary Intervention to Long-Term Mortality, 190
- Usefulness of Hyperglycemia in Predicting Renal and Myocardial Injury in Patients With Diabetes Mellitus Undergoing Percutaneous Coronary Intervention, 1027
- Usefulness of Temporary Left Ventricular Pacing Through the Coronary Sinus as an Adjunct to Transfemoral Percutaneous Coronary Intervention, 1055
- Value of Monitoring Activated Clotting Time When *Bivalirudin* Is Used as the Sole Anticoagulation Agent for Percutaneous Coronary Intervention, 789
- Pericardial Effusion**
- Usefulness of a Hand-Carried Cardiac Ultrasound Device for Bedside Examination of Pericardial Effusion in Patients After Cardiac Surgery, 406
- Pericarditis**
- Differentiation of Constrictive Pericarditis from Restrictive Cardiomyopathy Using Mitral Annular Velocity by Tissue Doppler Echocardiography, 316
- Recurrent Pain Without Evidence of Disease in Patients With Previous Idiopathic or Viral Acute Pericarditis, 973
- Peripheral Arterial Disease**
- Prevalence of Coronary Artery Disease, Lower Extremity Peripheral Arterial Disease, and Cerebrovascular Disease in 110 Men With an Abdominal Aortic Aneurysm, 1358
- Prognostic Significance of Chronotropic Response to *Dobutamine* Stress Echocardiography in Patients With Peripheral Arterial Disease, 1523
- Relation of Augmented Platelet Reactivity to the Magnitude of Distribution of Atherosclerosis, 725
- Peripheral Vascular Disease**
- Usefulness of Optical Coherent Reflectometry With Guided Radiofrequency Energy to Treat Chronic Total Occlusions in Peripheral Arteries (the GRIP Trial), 1081
- Peroxisome Proliferator Activator Receptor(s)**
- Effects of *Rosiglitazone* on Endothelial Function in Men With Coronary Artery Disease Without Diabetes Mellitus, 151
- Pilots**
- Allowing a Pilot With Known Hypertrophic Obstructive Cardiomyopathy to Fly a Commercial Airliner Is Like Letting a Terrorist Aboard Such an Airplane Even Though He Had Triggered All the Alarms at the Airport Security Checkpoints, 543
- Pindolol**
- Usefulness of *Pindolol* for Treatment of Neurocardiogenic Syncope, 1189
- Plaque. See also Atherosclerosis**
- Characterization of Vulnerable Nonstenotic Plaque With 16-Slice Computed Tomography Compared With Intravascular Ultrasound, 99
- Comparison of Levels of Matrix Metalloproteinases, Tissue Inhibitor of Metalloproteinases, Interleukins, and Tissue Necrosis Factor in Carotid Endarterectomy Specimens from Patients on Versus Not on Statins Preoperatively, 144
- Comparison of Measurement of Cross-Sectional Coronary Atherosclerotic Plaque and Vessel Areas by 16-Slice Multidetector Computed Tomography Versus Intravascular Ultrasound, 1294
- Frequency of Severe Renal Artery Stenosis in Patients With Severe Thoracic Aortic Plaque, 844
- Vascular Remodeling and Plaque Composition Between Focal and Diffuse Coronary Lesions Assessed by Intravascular Ultrasound, 1067
- Platelet Inhibitors**
- Usefulness of *Tirofiban* Among Patients Treated Without Percutaneous Coronary Intervention (TIMI High Risk Patients in PRISM-PLUS), 774
- Platelets**
- Association of Platelet Count With Residual Thrombus in the Myocardial Infarct-Related Coronary Artery Among Patients Treated With Fibrinolytic Therapy for ST-Segment Elevation Acute Myocardial Infarction, 1406
- Relation of Augmented Platelet Reactivity to the Magnitude of Distribution of Atherosclerosis, 725

**Polymorphism. See Molecular Biology**

**Positron Emission Tomography**

Comparison of Real-Time Myocardial Contrast Echocardiography for the Assessment of Myocardial Viability With Fluorodeoxyglucose-18 Positron Emission Tomography and *Dobutamine* Stress Echocardiography, 570

**Pravastatin**

Comparative Pharmacokinetic Interaction Profiles of *Pravastatin*, *Simvastatin*, and *Atorvastatin* When Coadministered With Cytochrome P450 Inhibitors, 1140

Over-the-Counter Statin Drug, 1362

**Prenatal Diagnosis**

Diagnosis and Management of Restricted or Closed Foramen Ovale in Fetuses With Congenital Heart Disease, 1348

Diagnosis and Outcome of Dextrocardia Diagnosed in the Fetus, 141

Implications and Limitations of an Abnormal Fetal Echocardiogram, 688

**Presyncope**

Frequency of Arrhythmic Events During Head-Up Tilt Testing in Patients With Suspected Neurocardiogenic Syncope or Presyncope, 1486

**Preventive Cardiology**

Angiotensin-Converting Enzyme Inhibitor Meta-Analysis Provides Misleading Conclusion, 149

The Case for Over-the-Counter Statins, 753

Class Effect of Angiotensin-Converting Enzyme Inhibitors on Prevention of Myocardial Infarction, 1171

Comparative Pharmacokinetic Interaction Profiles of *Pravastatin*, *Simvastatin*, and *Atorvastatin* When Coadministered With Cytochrome P450 Inhibitors, 1140

Comparison of Angiotensin-Converting Enzyme Inhibitors and Angiotensin Receptor Blockers in the Primary Prevention of Myocardial Infarction in Hypertensive Patients, 479

A Consumer Use Study of Over-the-Counter Lovastatin (CUSTOM), 1243, 1362

Dietary Recommendations in the Prevention and Treatment of Coronary Heart Disease: Do We Have the Ideal Diet Yet?, 1260

Differential Effect of Two Nicotinic Acid Preparations on Low-Density Lipoprotein Subclass Distribution in Patients Classified as Low-Density Lipoprotein Pattern A, B, or I, 588

Effectiveness of Therapeutic Lifestyle Changes in Patients With Hypertension, Hyperlipidemia, and/or Hyperglycemia, 1558

Effect of *Rosuvastatin* on Plasma Levels of Asymmetric Dimethylarginine in Patients With Hypercholesterolemia, 157

Impact of Nonprescriptive Factors on Low-Density Lipoprotein Cholesterol Reduction With Statins, 1310

One-Year Outcome of Patients After Acute Coronary Syndromes (from the Canadian Acute Coronary Syndromes Registry), 25

Prevalence of Coronary Heart Disease and Carotid Arterial Thickening in Patients With the Metabolic Syndrome (The ARIC Study), 1249

Prevention of Primary Ventricular Fibrillation in Acute Myocardial Infarction With Prophylactic *Lidocaine*, 545

Relation of Coronary Calcium Progression and Control of Lipids According to National Cholesterol Education Program Guidelines, 431

Relation of Degree of Physical Activity to Coronary Artery Calcium Score in Asymptomatic Individuals With Multiple Metabolic Risk Factors, 729

Safety and Compliance With Once-Daily *Niacin* Extended-Release/*Lovastatin* as Initial Therapy in the Impact of Medical Subspecialty on Patient Compliance to Treatment (IMPACT) Study, 306

Safety of *Rosuvastatin*, 882

**PRISM-PLUS**

Usefulness of *Tirofiban* Among Patients Treated Without Percutaneous Coronary Intervention (TIMI High Risk Patients in PRISM-PLUS), 774

**Proccainamide**

Usefulness of *Proccainamide* Challenge for Electrophysiologic Arrhythmia Risk Stratification, 1435

**Prognosis**

Assessing the Prognostic Value of Coronary Endothelial Function in Patients Referred for a First Coronary Angiogram, 1063

Association of Race With Complications and Prognosis Following Acute Coronary Syndromes, 792

Cardiac Troponin T Elevation After Coronary Artery Bypass Grafting Is Associated With Increased One-Year Mortality, 879

Comparison of Long-Term Effect of Coronary Artery Bypass Grafting in Patients With Ischemic Cardiomyopathy With Viable Versus Nonviable Left Ventricular Myocardium, 757

Comparison of Prognostic Value of Left Ventricular Hypertrophy in African-American Men Versus Women, 1383

Differential Prognostic Significance of Peri-Infarction Versus Remote Myocardial Ischemia on Stress Technetium-99m Sestamibi Tomography in Patients With Healed Myocardial Infarction, 289

Echocardiographic Predictors of Prognosis After First Acute Myocardial Infarction, 1278

Impact of Chronic Kidney Disease on Prognosis of Patients With Diabetes Mellitus Treated With Percutaneous Coronary Intervention, 300

Impact of Interventionalist Volume, Experience, and Board Certification on Coronary Angioplasty Outcomes in the Era of Stenting, 421

Long-Term Prognosis of Patients Having Acute Myocardial Infarction When  $\leq 40$  Years of Age, 989

Novel Stress Echocardiographic Model Incorporating the Extent and Severity of Wall Motion Abnormality for Risk Stratification and Prognosis, 715

Plasma N-Terminal Pro-B-Type Natriuretic Peptide for Prediction of Death or Nonfatal Myocardial Infarction Following Percutaneous Coronary Intervention, 1481

Prediction of Heart Transplant Rejection With a Breath Test for Markers of Oxidative Stress, 1593

Predictive Value of Indexes of Inflammation and Hypercoagulability on Success of Cardioversion of Persistent Atrial Fibrillation, 508

Predictors of and Outcomes of Early Thrombosis Following Balloon Angioplasty Versus Primary Stenting

in Acute Myocardial Infarction and Usefulness of *Abciximab* (The CADILLAC Trial), 983

Prognostic Importance of Renal Function in Patients With Early Heart Failure and Mild Left Ventricular Dysfunction, 240

Prognostic Significance of Chronotropic Response to *Dobutamine* Stress Echocardiography in Patients With Peripheral Arterial Disease, 1523

Prognostic Significance of Early Short-Term Measurements of Heart Rate Variability Following Acute Myocardial Infarction, 1275

Prognostic Significance of Newly Acquired Bundle Branch Block After Aortic Valve Replacement, 1008

Prognostic Significance of Renal Insufficiency in Patients Presenting With Acute Coronary Syndrome (the Prospective Multicenter SYCOMORE Study), 1543

Prognostic Stratification of Patients With Right Bundle Branch Block Using *Dobutamine* Stress Echocardiography, 954

Prognostic Usefulness of Plasma Monocyte/Macrophage and T-Lymphocyte Activation Markers in Patients With Acute Coronary Syndromes, 993

Prognostic Value of *Dobutamine* Stress Echocardiography in Patients With Systemic Hypertension and Known or Suspected Coronary Artery Disease, 733

Prognostic Value of Endocardial Electromechanical Mapping in Patients With Left Ventricular Dysfunction Undergoing Percutaneous Coronary Intervention, 1129

Prognostic Value of Exercise Echocardiography in Patients With Classic Angina Pectoris, 559

Prognostic Value of Exercise Stress Myocardial Perfusion Imaging in Patients With Permanent Pacemakers, 811

Prognostic Value of 24-Hour Ambulatory Blood Pressure Measurement for the Onset of Atrial Fibrillation in Treated Patients With Essential Hypertension, 1566

Recent Trends in Hospital Management Practices and Prognosis After Acute Myocardial Infarction in Patients With Kidney Disease, 1290

Short-Term (28 Days) Prognosis Between Genders According to the Type of Coronary Event (Q-Wave Versus Non-Q-Wave Acute Myocardial Infarction Versus Unstable Angina Pectoris), 1161

Usefulness of an Elevated B-Type Natriuretic Peptide to Predict Allograft Failure, Cardiac Allograft Vasculopathy and Survival After Heart Transplantation, 454

Usefulness of Coronary Flow Reserve Immediately After Primary Coronary Stenting in Predicting Wall Motion Recovery in Patients With Anterior Wall Acute Myocardial Infarction, 1033

Usefulness of C-Reactive Protein and Left Ventricular Function for Risk Assessment in Survivors of Acute Myocardial Infarction, 766

Usefulness of Depression to Predict Time to Combined End Point of Transplant or Death for Outpatients With Advanced Heart Failure, 1577

Usefulness of Intracardiac Doppler Assessment of Left Atrial Function Immediately Post-Pulmonary Vein Antrum Isolation to Predict Short-Term Recurrence of Atrial Fibrillation, 951

Usefulness of Left Atrial Volume as a Predictor of

Mortality in Patients With Ischemic Cardiomyopathy, 760

Usefulness of Myocardial Contrast Echocardiographic Quantification of Risk Area for Predicting Postprocedural Complications in Patients Undergoing Septal Ethanol Ablation for Obstructive Hypertrophic Cardiomyopathy, 1515

Usefulness of Myocardial Contrast Echocardiography in Predicting Global Left Ventricular Functional Recovery After Anterior Wall Acute Myocardial Infarction, 340

Usefulness of N-Terminal-Pro-Brain Natriuretic Peptide Levels in Predicting Survival in Heart Transplant Recipients, 1585

Usefulness of Spatial Dispersion of QRS Duration in Predicting Mortality in Patients With Mild to Moderate Chronic Heart Failure, 960

Usefulness of the Peak Velocity Difference by Tissue Doppler Imaging Technique as an Effective Predictor of Response to Cardiac Resynchronization Therapy, 817

### Propafenone

Effectiveness of Oral *Propafenone* for the Prevention of Atrial Fibrillation After Coronary Artery Bypass Grafting, 663

*Flecainide* and *Propafenone* Induced ST-Segment Elevation in Patients With Atrial Fibrillation: Clue to Specificity of Brugada-Type Electrocardiographic Changes, 1184

*Sotalol* Versus *Propafenone* for Long-Term Maintenance of Normal Sinus Rhythm in Patients With Recurrent Symptomatic Atrial Fibrillation, 1563

### Protease Inhibitors

Long-Term Cardiovascular Risk With Protease Inhibitors and Management of the Dyslipidemia, 901

### P-Selectin

Effect of *Atorvastatin* on the Expression of CD40 Ligand and P-Selectin on Platelets in Patients With Hypercholesterolemia, 364

### Publications

Subliminal Editorial Conundra Confounding Publication of Multicenter Trials, 1268

### Pulmonary Capillary Leakage

N-Terminal Pro-Brain Natriuretic Peptide Reflects Pulmonary Capillary Leakage in Patients With Acute Dyspnea, 669

### Pulmonary Embolism

Seasonal Variation of Venous Thromboembolic Disease, 276

### Pulmonary Hypertension

Efficacy and Safety of *Sildenafil* in the Evaluation of Pulmonary Hypertension in Severe Heart Failure, 1475

Quantitative Assessment of Right Ventricular Geometric Remodeling in Pulmonary Hypertension Secondary to Left-Sided Heart Disease Using Real-Time Three-Dimensional Echocardiography, 1096

### Pulmonary Vein

Circumferential Pulmonary Vein Ablation for Treatment of Atrial Fibrillation Using an Irrigated-Tip Catheter, 945

Effectiveness of Catheter Ablation for Coexisting Atrial Fibrillation and Atrial Flutter, 666

Two Levels of Block Within a Pulmonary Vein, 412

Usefulness of Intracardiac Doppler Assessment of Left Atrial Function Immediately Post-Pulmonary Vein Antrum Isolation to Predict Short-Term Recurrence of Atrial Fibrillation, 951

### Pulse Pressure

Development of Exercise-Induced Arm-Leg Blood Pressure Gradient and Abnormal Arterial Compliance in Patients with Repaired Coarctation of the Aorta, 1200

A Likely Explanation for the J-Curve of Blood Pressure Cardiovascular Risk, 380

### Pulse Wave

Comparison of Ankle-Brachial Pressure Index and Pulse Wave Velocity as Markers of the Presence of Coronary Artery Disease in Subjects With a High Risk of Atherosclerotic Cardiovascular Disease, 868

### QRS Interval

Usefulness of Spatial Dispersion of QRS Duration in Predicting Mortality in Patients With Mild to Moderate Chronic Heart Failure, 960

### QT Dispersion

Increased QT Dispersion and Loss of Sinus Rhythm as Risk Factors for Late Sudden Death After Mustard or Senning Procedures for Transposition of the Great Arteries, 138

Relation of Dose of *Carvedilol* to Reduction in QT Dispersion in Patients With Mild to Moderate Heart Failure Secondary to Ischemic or to Idiopathic Dilated Cardiomyopathy, 1459

### QT Interval

Methadone and QT Prolongation in HIV-Infected Patients, 147

Temporal Repolarization Lability Differences Among Genotyped Patients With the Long QT Syndrome, 1312

### Quality Control

Comparison of Presenting Features, Diagnostic Tools, Hospital Outcomes, and Quality of Care Indicators in Older (>65 Years) to Younger, Men to Women, and Diabetics to Nondiabetics With Acute Chest Pain Triage in the Emergency Department, 216

### Quality of Life

Clinical Characteristics of Persistent Lone Atrial Fibrillation in the RACE Study, 1486

Comparison of Quality of Life After Repeat Versus Initial Coronary Artery Bypass Grafting, 494

Effects of Ventricular Rate Regularization Pacing on Quality of Life and Symptoms in Patients With Atrial Fibrillation (Atrial Fibrillation Symptoms Mediated by Pacing to Mean Rates [AF SYMPTOMS Study]), 938

Quality of Life and Social Outcomes in Adults With Congenital Heart Disease Living in Rural Areas of Kentucky, 263

### Quinapril

Comparison of Effects of *Quinapril* Versus *Enalapril* on Vasoactive Substances Following Acute Myocardial Infarction, 641

### Race

Association of Race With Complications and Prognosis Following Acute Coronary Syndromes, 792

Comparison of Levels of Large and Small High-Density Lipoprotein Cholesterol in Asian Indian Men Compared With Caucasian Men in the Framingham Offspring Study, 1561

Comparison of Outcomes of White Versus Black Patients Hospitalized With Heart Failure and Preserved Ejection Fraction, 1003

Comparison of Prognostic Value of Left Ventricular Hypertrophy in African-American Men Versus Women, 1383

Comparison of Three-Year Outcomes in Blacks Versus Whites With Coronary Heart Disease Following Percutaneous Coronary Intervention, 647

Effects of Race and Health Insurance on the Rates of Pacemaker Implantation for Complete Heart Block in the United States, 227

Influence of Gender and Race on Hemodynamic Response to *Dobutamine* Stress Echocardiography, 535

Mortality Rates and Hemorrhagic Complications in Asian-Pacific Islanders During Treatment of Acute Myocardial Infarction, 644

Prevalence of Diabetes Mellitus and Related Conditions in Asian Indians Living in the United States, 977

Racial Differences in Aortic Atheroma in Patients Undergoing Transesophageal Echocardiography for Unexplained Stroke or Transient Ischemic Attack, 1211

### RACE Study

Clinical Characteristics of Persistent Lone Atrial Fibrillation in the RACE Study, 1486

### Raloxifene

Effects of Hormone Replacement Therapy or *Raloxifene* on Ambulatory Blood Pressure and Arterial Stiffness in Treated Hypertensive Postmenopausal Women, 1453

### Reactive Hyperemia

Combined Effects of Smoking and Hypercholesterolemia on Inflammatory Process, Thrombosis/Fibrinolysis System, and Forearm Hyperemic Response, 1181

### Readers' Comments

Allowing a Pilot With Known Hypertrophic Obstructive Cardiomyopathy to Fly a Commercial Airliner Is Like Letting a Terrorist Aboard Such an Airplane Even Though He Had Triggered All the Alarms at the Airport Security Checkpoints, 543

Angiotensin-Converting Enzyme Inhibitor Meta-Analysis Provides Misleading Conclusion, 149

Apical Hypertrophic Cardiomyopathy in Japan and the United States in Brothers But Not Identical Twins, 981

Atrial Fibrillatory Frequency, Atrial Fibrillatory Rate, or Atrial Cycle Length—Does It Matter?, 147

Cardiac Rehabilitation and Depression, 129

Clinical and Therapeutic Implications of Troponin Elevation in Cardiac Arrest, 1478

Congenital Heart Disease and Abnormalities of the Great Vessels, 278

Conservative Management of Complete Heart Block Complicating Percutaneous Transluminal Septal Myocardial Ablation for Patients With Obstructive Hypertrophic Cardiomyopathy, 982

- Effect of Linear Radiofrequency Ablation on Left Atrial Function, 277
- High Iron Stores and Ischemic Heart Disease in Rheumatoid Arthritis and Systemic Lupus Erythematosus, 981
- Impact of Body Mass Index on In-Hospital Outcomes Following Percutaneous Coronary Intervention, 1478
- Impact of *Levosimendan* Treatment on Chronic Heart Failure, 1105
- Limitations of Studies on Vasovagal Syncope, 149
- The Metabolic Syndrome, Formerly Called Metabolic "Syndrome X," 148
- Methadone and QT Prolongation in HIV-Infected Patients, 147
- Neurobiology of Decreased Heart Rate Variability in Older Patients With Recent Acute Coronary Syndrome, 1479
- Pacing for Heart Block After Septal Reduction Therapy, 1224
- Pseudopseudo-Brugada Syndrome Is a Preferred Term to Variants of the Variants of the Brugada Syndrome, 276
- Rate Control in AFFIRM: Considerations About the Clinical Implications, 1104
- Reply to a Reader's Comment, 542
- Reporting Measures of Endothelial Dysfunction Independent of Baseline Arterial Diameter, 1222
- Seasonal Variation of Venous Thromboembolic Disease, 276
- Significant Statistical Heterogeneity in a Meta-Analysis of the Usefulness of Acetylcysteine for Prevention of Contrast Nephropathy, 414
- ST Elevation in Lead aVR as a Sign of Left Main Disease—Perpetuating an Error?, 542
- Usefulness of Statins in Protecting Against Atrial Fibrillation, 1104
- Wake Up and Smell the Caffeine, 981
- Which Role of Echocardiography to Predict Systemic Embolism in Dilated Cardiomyopathy?, 1479
- Will Green Tea Be Even Better Than Black Tea to Increase Coronary Flow Velocity Reserve?, 1223
- Remodeling. See also Ventricular Remodeling**
- Contribution of Increased Minimal Coronary Resistance and Attenuated Vascular Adaptive Remodeling to Myocardial Ischemia in Patients With Systemic Hypertension and Ventricular Hypertrophy, 484
- Evaluation of Whole Left Ventricular Systolic Performance and Local Myocardial Systolic Function in Patients With Prior Myocardial Infarction Using Global Long-Axis Myocardial Strain, 929
- Renal Artery Stenosis**
- Frequency of Severe Renal Artery Stenosis in Patients With Severe Thoracic Aortic Plaque, 844
- Renal Failure. See also Kidney Disease**
- Clinical Findings in Patients With Cardiac Troponin T Elevation and End-Stage Renal Disease Without Acute Coronary Syndrome, 831
- Double Jeopardy of Renal Insufficiency and Anemia in Patients Undergoing Percutaneous Coronary Interventions, 30
- Effect of Elevated Admission Serum Creatinine and Its Worsening on Outcome in Hospitalized Patients With Decompensated Heart Failure, 957
- Effect of Preload Reduction by Hemodialysis on Left Atrial Volume and Echocardiographic Doppler Parameters in Patients With End-Stage Renal Disease, 1208
- Mortality Rates and Hemorrhagic Complications in Asian-Pacific Islanders During Treatment of Acute Myocardial Infarction, 644
- Prognostic Significance of Renal Insufficiency in Patients Presenting With Acute Coronary Syndrome (the Prospective Multicenter SYCOMORE Study), 1543
- Renin-Angiotensin System**
- Comparison of Suppression of the Circulating and Vascular Renin-Angiotensin System by *Enalapril* Versus *Trandolapril* in Chronic Heart Failure, 1501
- Mechanisms of Aortic Valve Calcification, 1396
- Reperfusion**
- Effects of *Edaravone* on Reperfusion Injury in Patients With Acute Myocardial Infarction, 481
- Research**
- Subliminal Editorial Conundra Confounding Publication of Multicenter Trials, 1268
- Resolution of ST-Segment After Reperfusion Therapy Substudy**
- ST-Segment Resolution 60 Minutes After Combination Treatment of *Abciximab* With *Reteplase* or *Reteplase* Alone for Acute Myocardial Infarction (30-Day Mortality Results from the Resolution of ST-Segment After Reperfusion Therapy Substudy), 859
- Restenosis**
- Angiographic and Clinical Outcomes of Late Total Occlusion Versus Treatment Failure Without Late Total Occlusion in Patients After Intracoronary Radiation Therapy for In-Stent Restenosis, 1551
- Comparison of Acute and Long-Term Results and Underlying Mechanisms from Sirolimus-Eluting Stent Implantation for the Treatment of In-Stent Restenosis and Recurrent In-Stent Restenosis in Patients in Whom Intracoronary Radiation Failed as Assessed by Intravascular Ultrasound, 917
- Comparison of Clinical and Angiographic Outcome of Sirolimus-Eluting Stent Implantation Versus Cutting Balloon Angioplasty for Coronary In-Stent Restenosis, 1297
- Comparison of Frequency of Insulin Resistance After Coronary Stenting in Patients With Type 2 Diabetes Mellitus With Versus Without Coronary Restenosis, 777
- Comparison of Long-Term Usefulness of *Clopidogrel* Therapy After the First Percutaneous Coronary Intervention or Coronary Artery Bypass Grafting Versus That After the Second or Repeat Intervention, 623
- Effectiveness of Sirolimus-Eluting Stent Implantation for Coronary Narrowings <50% in Diameter, 112
- Effectiveness of *Sirolimus*-Eluting Stent Implantation for Treatment of In-Stent Restenosis After Brachytherapy Failure, 351
- Effect of *Abciximab*-Coated Stent on In-Stent Intimal Hyperplasia in Human Coronary Arteries, 1050
- Evaluation of a High-Dose *Dexamethasone*-Eluting Stent, 193
- Feasibility of Assessment of Coronary Stent Patency Using 16-Slice Computed Tomography, 427
- Intravascular Ultrasonic Comparative Analysis of Degree of Intimal Hyperplasia Produced by Four Different Stents in the Coronary Arteries, 1548
- Mechanism of Coronary Artery Restenosis After Stenting for Acute Myocardial Infarction, 1037
- Relation of Clinical Success in Coronary Brachytherapy to Dose, 847
- Relation of C-Reactive Protein to Restenosis After Coronary Stent Implantation and to Restenosis After Coronary Atherectomy, 104
- Relation of Intimal Hyperplasia Thickness to Stent Size in *Paclitaxel*-Coated Stents, 196
- Restenosis Rates Following Bifurcation Stenting With Sirolimus-Eluting Stents for De Novo Narrowings, 115
- Simultaneous Kissing Stents (SKS) Technique for Treating Bifurcation Lesions in Medium-to-Large Size Coronary Arteries, 913
- Two-Year Outcomes of Repeated Brachytherapy in Patients With Restenosis After Intracoronary Radiation Therapy, 1061
- Usefulness of High-Pressure Post-Dilatation to Optimize Deployment of Drug-Eluting Stents for the Treatment of Diffuse In-Stent Coronary Restenosis, 922
- Reteplase**
- ST-Segment Resolution 60 Minutes After Combination Treatment of *Abciximab* With *Reteplase* or *Reteplase* Alone for Acute Myocardial Infarction (30-Day Mortality Results from the Resolution of ST-Segment After Reperfusion Therapy Substudy), 859
- Revascularization. See also Coronary Artery Bypass Grafting**
- Comparison of Outcomes of Percutaneous Coronary Intervention of Ostial Versus Nonostial Narrowing of the Major Epicardial Arteries, 583
- Comparison of Three-Year Outcomes After Coronary Stenting Versus Coronary Artery Bypass Grafting in Patients With Multivessel Coronary Disease, Including Involvement of the Left Anterior Descending Coronary Artery Proximally (a Subanalysis of the Arterial Revascularization Therapies Study Trial), 627
- Disparate Opinions Regarding Indications for Coronary Artery Revascularization Before Elective Vascular Surgery, 1124
- In-Hospital Mortality Associated With the Use of Intra-Aortic Balloon Counterpulsation, 181
- Revascularization Among Patients With Acute Myocardial Infarction Complicated by Cardiogenic Shock and Impact of American College of Cardiology / American Heart Association Guidelines, 1281
- Rhabdomyolysis**
- Risk of Adverse Events With Fibrates, 935
- Rheumatoid Arthritis**
- High Iron Stores and Ischemic Heart Disease in Rheumatoid Arthritis and Systemic Lupus Erythematosus, 981
- Right Ventricle**
- Analysis of Right Ventricular Doppler Tissue Imaging and Load Dependence in Patients Undergoing Percutaneous Closure of Atrial Septal Defect, 1202

Findings of Magnetic Resonance Imaging of Idiopathic Right Ventricular Outflow Tachycardia, 1441

Quantitative Assessment of Right Ventricular Geometric Remodeling in Pulmonary Hypertension Secondary to Left-Sided Heart Disease Using Real-Time Three-Dimensional Echocardiography, 1096

Regional Differences in Right Ventricular Systolic Function as Determined by Cine Magnetic Resonance Imaging After Infundibulotomy, 970

### Risk Factors

Analysis of Late Risk of Systemic Blood Pressures <120/80 mm Hg, 1575

A Cardioprotective "Polypill"? Independent and Additive Benefits of Lifestyle Modification, 162

Comparison of Prognostic Value of Left Ventricular Hypertrophy in African-American Men Versus Women, 1383

Framingham Risk Score and Prediction of Lifetime Risk for Coronary Heart Disease, 20

A Likely Explanation for the J-Curve of Blood Pressure Cardiovascular Risk, 380

Mechanisms of Aortic Valve Calcification, 1396

Risk Factors for Aortic Valve Dysfunction in Children With Discrete Subvalvar Aortic Stenosis, 459

### Risk Profile

Comparison of Low Risk and Higher Risk Profiles in Middle Age to Frequency and Quantity of Coronary Artery Calcium Years Later, 367

### Risk Stratification

Impact of Contemporary Guideline Compliance on Risk Stratification Models for Acute Coronary Syndromes in The Registry of Acute Coronary Syndromes, 873

Novel Stress Echocardiographic Model Incorporating the Extent and Severity of Wall Motion Abnormality for Risk Stratification and Prognosis, 715

Preoperative Risk Stratification for Endovascular Surgery Using Pharmacologic Stress Myocardial Imaging, 1471

Sequential Risk Stratification Using TIMI Risk Score and TIMI Flow Grade Among Patients Treated With Fibrinolytic Therapy for ST-Segment Elevation Acute Myocardial Infarction, 1113

Usefulness of *Procainamide* Challenge for Electrophysiologic Arrhythmia Risk Stratification, 1435

Value of Immediate Postoperative Electrocardiogram to Update Risk Stratification After Major Noncardiac Surgery, 1017

### Rosiglitazone

Effects of *Rosiglitazone* on Endothelial Function in Men With Coronary Artery Disease Without Diabetes Mellitus, 151

### Rosuvastatin

Effect of *Rosuvastatin* on Plasma Levels of Asymmetric Dimethylarginine in Patients With Hypercholesterolemia, 157

Safety of *Rosuvastatin*, 882

### Rotterdam Study

Insulin-Like Growth Factor-I Gene Polymorphism and Risk of Heart Failure (the Rotterdam Study), 384

### S100A12

Neutrophil-Derived S100A12 Is Profoundly Upregulated in the Early Stage of Acute Kawasaki Disease, 840

### Senning Procedure

Increased QT Dispersion and Loss of Sinus Rhythm as Risk Factors for Late Sudden Death After Mustard or Senning Procedures for Transposition of the Great Arteries, 138

### Sildenafil

Efficacy and Safety of *Sildenafil* in the Evaluation of Pulmonary Hypertension in Severe Heart Failure, 1475

### Simvastatin

Comparative Pharmacokinetic Interaction Profiles of *Pravastatin*, *Simvastatin*, and *Atorvastatin* When Coadministered With Cytochrome P450 Inhibitors, 1140

Effect of *Simvastatin* on Endothelial Function in Cardiac Syndrome X Patients, 652

### Single-Photon Emission Computed Tomography

Differential Prognostic Significance of Peri-Infarction Versus Remote Myocardial Ischemia on Stress Technetium-99m Sestamibi Tomography in Patients With Healed Myocardial Infarction, 289

Preoperative Risk Stratification for Endovascular Surgery Using Pharmacologic Stress Myocardial Imaging, 1471

Prognostic Value of Exercise Stress Myocardial Perfusion Imaging in Patients With Permanent Pacemakers, 811

Quantitative Relation of ST-Segment Depression During Exercise to the Magnitude of Myocardial Ischemia as Assessed by Single-Photon Emission Computed Tomographic Myocardial Perfusion Imaging, 703

Usefulness of Brain Natriuretic Peptide Levels to Discriminate Patients With Stable Angina Pectoris Without and With Electrocardiographic Myocardial Ischemia and Patients With Healed Myocardial Infarction, 780

Usefulness of Electrocardiographic-Gated Stress Technetium-99m Sestamibi Single-Photon Computed Tomography to Differentiate Ischemic from Nonischemic Cardiomyopathy, 14

Usefulness of Quantitative Gated Single-Photon Emission Computed Tomography to Evaluate Ventricular Synchrony in Patients Receiving Biventricular Pacing, 127

### Sinus Node

Usefulness of Single-Bolus *Adenosine* Test for Confirming Sinus Node Dysfunction and Correlation With Atrial Overdrive Suppression Test, 1569

### Sirolimus

*Bivalirudin* Versus *Heparin* as an Antithrombotic Agent in Patients Treated With a Sirolimus-Eluting Stent, 1047

Comparison of Acute and Long-Term Results and Underlying Mechanisms from Sirolimus-Eluting Stent Implantation for the Treatment of In-Stent Restenosis and Recurrent In-Stent Restenosis in Patients in Whom Intracoronary Radiation Failed as Assessed by Intravascular Ultrasound, 917

Comparison of Clinical and Angiographic Outcome of

Sirolimus-Eluting Stent Implantation Versus Cutting Balloon Angioplasty for Coronary In-Stent Restenosis, 1297

Effectiveness of Sirolimus-Eluting Stent Implantation for Coronary Narrowings <50% in Diameter, 112

Effectiveness of Sirolimus-Eluting Stent Implantation for the Treatment of Coronary Artery Disease in Octogenarians, 909

Effectiveness of *Sirolimus*-Eluting Stent Implantation for Treatment of In-Stent Restenosis After Brachytherapy Failure, 351

Intravascular Ultrasonic Comparative Analysis of Degree of Intimal Hyperplasia Produced by Four Different Stents in the Coronary Arteries, 1548

Restenosis Rates Following Bifurcation Stenting With Sirolimus-Eluting Stents for De Novo Narrowings, 115

### SLV306

Effect of Single Doses of SLV306, an Inhibitor of Both Neutral Endopeptidase and Endothelin-Converting Enzyme, on Pulmonary Pressures in Congestive Heart Failure, 237

### Smoking

Combined Effects of Smoking and Hypercholesterolemia on Inflammatory Process, Thrombosis/Fibrinolysis System, and Forearm Hyperemic Response, 1181

Comparison of Mortality Rates After Acute Myocardial Infarction in Smokers Versus Nonsmokers, 632

Effect of *Edaravone*, a Novel Free Radical Scavenger, on Endothelium-Dependent Vasodilation in Smokers, 1070

### Sodium

A Further Subgroup Analysis of the Effects of the DASH Diet and Three Dietary Sodium Levels on Blood Pressure: Results of the DASH-Sodium Trial, 222

### Soluble Interleukin-2 Receptor

Prognostic Usefulness of Plasma Monocyte/Macrophage and T-Lymphocyte Activation Markers in Patients With Acute Coronary Syndromes, 993

### Sotalol

*Sotalol* Versus *Propafenone* for Long-Term Maintenance of Normal Sinus Rhythm in Patients With Recurrent Symptomatic Atrial Fibrillation, 1563

### Spironolactone

Usefulness of *Spironolactone* in a Specialized Heart Failure Clinic, 443

### Statins

The Case for Over-the-Counter Statins, 753

Comparative Pharmacokinetic Interaction Profiles of *Pravastatin*, *Simvastatin*, and *Atorvastatin* When Coadministered With Cytochrome P450 Inhibitors, 1140

Comparison of Levels of Matrix Metalloproteinases, Tissue Inhibitor of Metalloproteinases, Interleukins, and Tissue Necrosis Factor in Carotid Endarterectomy Specimens from Patients on Versus Not on Statins Preoperatively, 144

Comparison of Outcomes in Acute Coronary Syndrome in Patients Receiving Statins Within 24 Hours of Onset Versus at Later Times, 1166

A Consumer Use Study of Over-the-Counter Lovastatin (CUSTOM), 1243

- Design and Baseline Characteristics of the Incremental Decrease in End Points Through Aggressive Lipid Lowering Study, 720
- Early Effects of Statins in Patients With Coronary Artery Disease and High C-Reactive Protein, 1107
- Effect of *Atorvastatin* on Left Ventricular Diastolic Function and Ability of Coenzyme Q<sub>10</sub> to Reverse That Dysfunction, 1306
- Effect of *Atorvastatin* on the Expression of CD40 Ligand and P-Selectin on Platelets in Patients With Hypercholesterolemia, 364
- Effect of *Rosuvastatin* on Plasma Levels of Asymmetric Dimethylarginine in Patients With Hypercholesterolemia, 157
- Effect of *Simvastatin* on Endothelial Function in Cardiac Syndrome X Patients, 652
- Effect of Statin Therapy Prior to Elective Percutaneous Coronary Intervention on Frequency of Periprocedural Myocardial Injury, 1361
- Effects of *Atorvastatin* (10 mg) on Hemostatic and Inflammatory Parameters in Hyperlipidemic Patients With Angiographically Proven Coronary Artery Disease, 206
- Impact of Nonprescriptive Factors on Low-Density Lipoprotein Cholesterol Reduction With Statins, 1310
- Lipid-Altering Changes and Pleiotropic Effects of *Atorvastatin* in Patients With Hypercholesterolemia, 497
- Long-Term Survival of Childhood Coronary Artery Disease in a Patient Severely Affected With Familial Hypercholesterolemia, 699
- Over-the-Counter Statin Drug, 1362
- Risk of Adverse Events With Fibrates, 935
- Safety and Compliance With Once-Daily *Niacin* Extended-Release/*Lovastatin* as Initial Therapy in the Impact of Medical Subspecialty on Patient Compliance to Treatment (IMPACT) Study, 306
- Safety of *Rosuvastatin*, 882
- Usefulness of Statins in Protecting Against Atrial Fibrillation, 1104
- Stem Cell Transplantation**
- Effect on Left Ventricular Function of Intracoronary Transplantation of Autologous Bone Marrow Mesenchymal Stem Cell in Patients With Acute Myocardial Infarction, 92
- Stent/Stenting**
- Angiographic and Clinical Outcomes of Late Total Occlusion Versus Treatment Failure Without Late Total Occlusion in Patients After Intracoronary Radiation Therapy for In-Stent Restenosis, 1551
- Angiographic and Three-Dimensional Intravascular Ultrasound Analysis of Combined Intracoronary Beta Radiation and Self-Expanding Stent Implantation in Human Coronary Arteries, 1237
- Assessment of Biventricular Remodeling by Magnetic Resonance Imaging After Successful Primary Stenting for Acute Myocardial Infarction, 354
- Bivalirudin* Versus *Heparin* as an Antithrombotic Agent in Patients Treated With a Sirolimus-Eluting Stent, 1047
- Comparison of Acute and Long-Term Results and Underlying Mechanisms from Sirolimus-Eluting Stent Implantation for the Treatment of In-Stent Restenosis and Recurrent In-Stent Restenosis in Patients in Whom Intracoronary Radiation Failed as Assessed by Intravascular Ultrasound, 917
- Comparison of Clinical and Angiographic Outcome of Sirolimus-Eluting Stent Implantation Versus Cutting Balloon Angioplasty for Coronary In-Stent Restenosis, 1297
- Comparison of Frequency of Insulin Resistance After Coronary Stenting in Patients With Type 2 Diabetes Mellitus With Versus Without Coronary Restenosis, 777
- Comparison of Neointimal Formation in Polymer-Free *Paclitaxel* Stents Versus Stainless Stents (from the ASPECT and ELUTES Randomized Clinical Trials), 199
- Comparison of Outcomes of Percutaneous Coronary Intervention of Ostial Versus Nonostial Narrowing of the Major Epicardial Arteries, 583
- Comparison of Temporary Occlusion and Aspiration System Versus the Conventional Method During Coronary Stenting for Acute Myocardial Infarction, 1041
- Comparison of Three-Year Outcomes After Coronary Stenting Versus Coronary Artery Bypass Grafting in Patients With Multivessel Coronary Disease, Including Involvement of the Left Anterior Descending Coronary Artery Proximally (a Subanalysis of the Arterial Revascularization Therapies Study Trial), 627
- Comparison of Three-Year Outcomes in Blacks Versus Whites With Coronary Heart Disease Following Percutaneous Coronary Intervention, 647
- Effectiveness of Sirolimus-Eluting Stent Implantation for Coronary Narrowings <50% in Diameter, 112
- Effectiveness of Sirolimus-Eluting Stent Implantation for the Treatment of Coronary Artery Disease in Octogenarians, 909
- Effectiveness of *Sirolimus*-Eluting Stent Implantation for Treatment of In-Stent Restenosis After Brachytherapy Failure, 351
- Effect of *Abciximab*-Coated Stent on In-Stent Intimal Hyperplasia in Human Coronary Arteries, 1050
- Effect of Chronic Kidney Disease on Outcomes After Carotid Artery Stenting, 1093
- Effect of Chronic Obstructive Pulmonary Disease on Survival of Patients With Coronary Heart Disease Having Percutaneous Coronary Intervention, 649
- Evaluation of a High-Dose *Dexamethasone*-Eluting Stent, 193
- Feasibility of Assessment of Coronary Stent Patency Using 16-Slice Computed Tomography, 427
- Impact of Interventionalist Volume, Experience, and Board Certification on Coronary Angioplasty Outcomes in the Era of Stenting, 421
- Impact of Peri-Stent Remodeling on In-Stent Neointimal Proliferation in Acute Myocardial Infarction, 769
- Intravascular Ultrasonic Comparative Analysis of Degree of Intimal Hyperplasia Produced by Four Different Stents in the Coronary Arteries, 1548
- Predictors of and Outcomes of Early Thrombosis Following Balloon Angioplasty Versus Primary Stenting in Acute Myocardial Infarction and Usefulness of *Abciximab* (The CADILLAC Trial), 983
- Relation of Clinical Success in Coronary Brachytherapy to Dose, 847
- Relation of C-Reactive Protein to Restenosis After Coronary Stent Implantation and to Restenosis After Coronary Atherectomy, 104
- Relation of Intimal Hyperplasia Thickness to Stent Size in *Paclitaxel*-Coated Stents, 196
- Restenosis Rates Following Bifurcation Stenting With Sirolimus-Eluting Stents for De Novo Narrowings, 115
- Simultaneous Kissing Stents (SKS) Technique for Treating Bifurcation Lesions in Medium-to-Large Size Coronary Arteries, 913
- Stent Implantation in Very Small Coronary Arteries: The Tsunami SV International Registry, 1429
- Usefulness of Coronary Flow Reserve Immediately After Primary Coronary Stenting in Predicting Wall Motion Recovery in Patients With Anterior Wall Acute Myocardial Infarction, 1033
- Usefulness of High-Pressure Post-Dilatation to Optimize Deployment of Drug-Eluting Stents for the Treatment of Diffuse In-Stent Coronary Restenosis, 922
- Usefulness of Multislice Computed Tomography Angiography to Evaluate Intravascular Stents and Transcatheter Occlusion Devices in Patients With d-Transposition of the Great Arteries After Mustard Repair, 967
- Strain Rate Imaging**
- Prediction of Subclinical Left Ventricular Dysfunction With Strain Rate Imaging in Patients With Asymptomatic Severe Mitral Regurgitation, 1333
- Stress Testing**
- Comparison of Safety and Efficacy of the Early injection of *Atropine* During *Dobutamine* Stress Echocardiography With the Conventional Protocol, 1367
- Comparison of Stress-Induced Myocardial Ischemia in Patients With and Without Coronary Arterial Collaterals, 1232
- Gender Differences in the Value of ST-Segment Depression During *Adenosine* Stress Testing, 997
- Novel Stress Echocardiographic Model Incorporating the Extent and Severity of Wall Motion Abnormality for Risk Stratification and Prognosis, 715
- Prognostic Significance of Chronotropic Response to *Dobutamine* Stress Echocardiography in Patients With Peripheral Arterial Disease, 1523
- Prognostic Value of *Dobutamine* Stress Echocardiography in Patients With Systemic Hypertension and Known or Suspected Coronary Artery Disease, 733
- Prognostic Value of Exercise Stress Myocardial Perfusion Imaging in Patients With Permanent Pacemakers, 811
- Safety of Stress Testing During the Evolution of Unstable Angina Pectoris or Non-ST-Elevation Myocardial Infarction, 1537
- Sensitivity, Specificity, Positive Predictive Value, and Negative Predictive Value of the *Dipyridamole* Ses-tamibi Stress Test in Predicting Graft Occlusion or  $\geq 50\%$  New Native Coronary Artery Disease in Men Versus Women and in Patients Aged  $\geq 65$  Years Versus  $< 65$  Years Who Had Prior Coronary Artery Bypass Grafting, 625
- Stress Testing: Problems and Appropriate Use in Acute Coronary Syndromes, 1534

## Stroke

Comparison of Results of Percutaneous Closure of Patent Foramen Ovale for Paradoxical Embolism in Patients With Versus Without Thrombophilia, 1012

Comparison of the Impact of Atrial Fibrillation on the Risk of Stroke and Cardiovascular Death in Women Versus Men (the Copenhagen City Heart Study), 889

Racial Differences in Aortic Atheroma in Patients Undergoing Transesophageal Echocardiography for Unexplained Stroke or Transient Ischemic Attack, 1211

## ST Segment

Association of Platelet Count With Residual Thrombus in the Myocardial Infarct-Related Coronary Artery Among Patients Treated With Fibrinolytic Therapy for ST-Segment Elevation Acute Myocardial Infarction, 1406

Effect of Glucose-Insulin-Potassium Infusion on Plasma Free Fatty Acid Concentrations in Patients Undergoing Primary Percutaneous Coronary Intervention for ST-Elevation Myocardial Infarction, 1288

*Flecainide* and *Propafenone* Induced ST-Segment Elevation in Patients With Atrial Fibrillation: Clue to Specificity of Brugada-Type Electrocardiographic Changes, 1184

Gender Differences in the Value of ST-Segment Depression During *Adenosine* Stress Testing, 997

Quantitative Relation of ST-Segment Depression During Exercise to the Magnitude of Myocardial Ischemia as Assessed by Single-Photon Emission Computed Tomographic Myocardial Perfusion Imaging, 703

Sequential Risk Stratification Using TIMI Risk Score and TIMI Flow Grade Among Patients Treated With Fibrinolytic Therapy for ST-Segment Elevation Acute Myocardial Infarction, 1113

ST Elevation in Lead aVR as a Sign of Left Main Disease—Perpetuating an Error?, 542

ST-Segment Resolution 60 Minutes After Combination Treatment of *Abciximab* With *Reteplase* or *Reteplase* Alone for Acute Myocardial Infarction (30-Day Mortality Results from the Resolution of ST-Segment After Reperfusion Therapy Substudy), 859

Value of Electrocardiographic Algorithm Based on "Ups and Downs" of ST in Assessment of a Culprit Artery in Evolving Inferior Myocardial Infarction, 709

## Sudden Death

Increased QT Dispersion and Loss of Sinus Rhythm as Risk Factors for Late Sudden Death After Mustard or Senning Procedures for Transposition of the Great Arteries, 138

Resting and Ambulatory Heart Rate Variability in Chronic Anorexia Nervosa, 1217

Temporal Aspects of Improved Survival With the Implanted Defibrillator (MADIT-II), 312

## Surgery

Impact of Fluid Balance on Incidence of Atrial Fibrillation After Cardiothoracic Surgery, 1423

Preoperative Risk Stratification for Endovascular Surgery Using Pharmacologic Stress Myocardial Imaging, 1471

Usefulness of a Hand-Carried Cardiac Ultrasound Device for Bedside Examination of Pericardial Effusion in Patients After Cardiac Surgery, 406

## Survival. See Mortality; Outcomes; Prognosis

## Survival and Ventricular Enlargement Trial

Effect of Antecedent Hypertension on Subsequent Left Ventricular Dilation After Acute Myocardial Infarction (from the Survival and Ventricular Enlargement Trial), 1

## SYCOMORE Study

Prognostic Significance of Renal Insufficiency in Patients Presenting With Acute Coronary Syndrome (the Prospective Multicenter SYCOMORE Study), 1543

## Syncope

Frequency of Arrhythmic Events During Head-Up Tilt Testing in Patients With Suspected Neurocardiogenic Syncope or Presyncope, 1491

Limitations of Studies on Vasovagal Syncope, 149

Usefulness of *Pindolol* for Treatment of Neurocardiogenic Syncope, 1189

## Syndrome X

Assessment of Systemic Inflammation and Infective Pathogen Burden in Patients With Cardiac Syndrome X, 40

Effect of *Simvastatin* on Endothelial Function in Cardiac Syndrome X Patients, 652

The Metabolic Syndrome, Formerly Called Metabolic "Syndrome X," 148

## Systemic Lupus Erythematosus

High Iron Stores and Ischemic Heart Disease in Rheumatoid Arthritis and Systemic Lupus Erythematosus, 981

## Systolic Function

Evaluation of Whole Left Ventricular Systolic Performance and Local Myocardial Systolic Function in Patients With Prior Myocardial Infarction Using Global Long-Axis Myocardial Strain, 929

Regional Differences in Right Ventricular Systolic Function as Determined by Cine Magnetic Resonance Imaging After Infundibulotomy, 970

Simultaneous Biplane Single-Beat Assessment of Left Ventricular Systolic Function in Patients With Atrial Fibrillation, 942

Three-Dimensional Assessment of Left Ventricular Systolic Strain in Patients With Type 2 Diabetes Mellitus, Diastolic Dysfunction, and Normal Ejection Fraction, 1391

## TACTICS

Association Between Duration of *Tirofiban* Therapy Before Percutaneous Intervention and Tissue Level Perfusion (A TACTICS-TIMI 18 Substudy), 492

## Takotsubo Cardiomyopathy

Clinical Characteristics and Thrombolysis in Myocardial Infarction Frame Counts in Women With Transient Left Ventricular Apical Ballooning Syndrome, 343

## Tei Index

Early Detection by the Tei Index of *Carvedilol*-Induced Improved Left Ventricular Function in Patients With Heart Failure, 1456

## Tenascin-C

Circulating Tenascin-C Levels in Patients With Idiopathic Dilated Cardiomyopathy, 1468

## Tenecteplase

Efficacy and Safety of Two Unfractionated Heparin Dosing Strategies With *Tenecteplase* in Acute Myocardial Infarction (Results from Assessment of the Safety and Efficacy of New Thrombolytic Regimens 2 and 3), 279

## Thromboembolism

Association of Platelet Count With Residual Thrombus in the Myocardial Infarct-Related Coronary Artery Among Patients Treated With Fibrinolytic Therapy for ST-Segment Elevation Acute Myocardial Infarction, 1406

Clinical Characteristics of Persistent Lone Atrial Fibrillation in the RACE Study, 1486

Fate of Left Atrial Thrombi in Patients With Atrial Fibrillation Determined by Transesophageal Echocardiography and Cerebral Magnetic Resonance Imaging, 801

Relation of C-Reactive Protein Correlates With Risk of Thromboembolism in Patients With Atrial Fibrillation, 805

## Thrombolysis

Therapeutic Delay and Reduced Functional Status Six Months After Thrombolysis for Acute Myocardial Infarction, 415

## Thrombolysis in Myocardial Infarction (TIMI)

Association Between Duration of *Tirofiban* Therapy Before Percutaneous Intervention and Tissue Level Perfusion (A TACTICS-TIMI 18 Substudy), 492

Clinical Characteristics and Thrombolysis in Myocardial Infarction Frame Counts in Women With Transient Left Ventricular Apical Ballooning Syndrome, 343

Sequential Risk Stratification Using TIMI Risk Score and TIMI Flow Grade Among Patients Treated With Fibrinolytic Therapy for ST-Segment Elevation Acute Myocardial Infarction, 1113

## Thrombophilia

Comparison of Results of Percutaneous Closure of Patent Foramen Ovale for Paradoxical Embolism in Patients With Versus Without Thrombophilia, 1012

## Thrombosis

Combined Effects of Smoking and Hypercholesterolemia on Inflammatory Process, Thrombosis/Fibrinolysis System, and Forearm Hyperemic Response, 1181

Platelet Aggregation Inhibition Blocks C-Reactive Protein and Interleukin-6 (IL-6) Elevation After the Coronary Angioplasty: Effect of the  $-174$  G/C IL-6 Gene Polymorphism, 1300

Predictors of and Outcomes of Early Thrombosis Following Balloon Angioplasty Versus Primary Stenting in Acute Myocardial Infarction and Usefulness of *Abciximab* (The CADILLAC Trial), 983

## Tilt-Table Testing

Frequency of Arrhythmic Events During Head-Up Tilt Testing in Patients With Suspected Neurocardiogenic Syncope or Presyncope, 1486

Limitations of Studies on Vasovagal Syncope, 149

## Tirofiban

Association Between Duration of *Tirofiban* Therapy Before Percutaneous Intervention and Tissue Level Perfusion (A TACTICS-TIMI 18 Substudy), 492

Comparison in Patients Having Primary Coronary Angioplasty of *Abciximab* Versus *Tirofiban* on Recovery of Left Ventricular Function, 35

Usefulness of *Tirofiban* Among Patients Treated Without Percutaneous Coronary Intervention (TIMI High Risk Patients in PRISM-PLUS), 774

## Tissue Doppler Imaging. See Doppler

## Tissue Inhibitor of Matrix Metalloproteinase

Comparison of Levels of Matrix Metalloproteinases, Tissue Inhibitor of Metalloproteinases, Interleukins, and Tissue Necrosis Factor in Carotid Endarterectomy Specimens from Patients on Versus Not on Statins Preoperatively, 144

## Tobacco Use. See Smoking

## Trandolapril

Comparison of Suppression of the Circulating and Vascular Renin-Angiotensin System by *Enalapril* Versus *Trandolapril* in Chronic Heart Failure, 1501

## Transesophageal Echocardiography

Comparison of Costs of Intracardiac Echocardiography and Transesophageal Echocardiography in Monitoring Percutaneous Device Closure of Atrial Septal Defects in Children and Adults, 690

Fate of Left Atrial Thrombi in Patients With Atrial Fibrillation Determined by Transesophageal Echocardiography and Cerebral Magnetic Resonance Imaging, 801

Racial Differences in Aortic Atheroma in Patients Undergoing Transesophageal Echocardiography for Unexplained Stroke or Transient Ischemic Attack, 1211

Relation of C-Reactive Protein Correlates With Risk of Thromboembolism in Patients With Atrial Fibrillation, 805

Usefulness of Transesophageal Echocardiography Using a Combined Probe When Converting Atrial Fibrillation to Sinus Rhythm, 470

## Transient Left Ventricular Apical Ballooning Syndrome

Clinical Characteristics and Thrombolysis in Myocardial Infarction Frame Counts in Women With Transient Left Ventricular Apical Ballooning Syndrome, 343

## Transposition of the Great Arteries

Increased QT Dispersion and Loss of Sinus Rhythm as Risk Factors for Late Sudden Death After Mustard or Senning Procedures for Transposition of the Great Arteries, 138

Usefulness of Multislice Computed Tomography Angiography to Evaluate Intravascular Stents and Transcatheter Occlusion Devices in Patients With d-Transposition of the Great Arteries After Mustard Repair, 967

## Trials

Comparison of Neointimal Formation in Polymer-Free *Paclitaxel* Stents Versus Stainless Stents (from the ASPECT and ELUTES Randomized Clinical Trials), 199

Comparison of Three-Year Outcomes After Coronary

Stenting Versus Coronary Artery Bypass Grafting in Patients With Multivessel Coronary Disease, Including Involvement of the Left Anterior Descending Coronary Artery Proximally (a Subanalysis of the Arterial Revascularization Therapies Study Trial), 627

Effect of Antecedent Hypertension on Subsequent Left Ventricular Dilation After Acute Myocardial Infarction (from the Survival and Ventricular Enlargement Trial), 1

Magnitude and Impact of Treatment Delays on Weeknights and Weekends in Patients Undergoing Primary Angioplasty for Acute Myocardial Infarction (the CADILLAC Trial), 637

Outcome of Percutaneous Coronary Intervention Versus Coronary Bypass Grafting for Patients With Low Left Ventricular Ejection Fractions, Unstable Angina Pectoris, and Risk Factors for Adverse Outcomes With Bypass (the AWESOME Randomized Trial and Registry), 118

Predictors of and Outcomes of Early Thrombosis Following Balloon Angioplasty Versus Primary Stenting in Acute Myocardial Infarction and Usefulness of *Abciximab* (The CADILLAC Trial), 983

Safety and Feasibility of Using Serial Infusions of *Nesiritide* for Heart Failure in an Outpatient Setting (from the FUSION I Trial), 595

Subliminal Editorial Conundra Confounding Publication of Multicenter Trials, 1268

Usefulness of Optical Coherent Reflectometry With Guided Radiofrequency Energy to Treat Chronic Total Occlusions in Peripheral Arteries (the GRIP Trial), 1081

## Troponin

Ability of Troponin T to Predict Angiographic Coronary Artery Disease in Patients With Chronic Kidney Disease, 834

Cardiac Troponin T Elevation After Coronary Artery Bypass Grafting Is Associated With Increased One-Year Mortality, 879

A Change in Serum Myoglobin to Detect Acute Myocardial Infarction in Patients With Normal Troponin I Levels, 864

Clinical Features of Hypertrophic Cardiomyopathy Caused by an Arg278Cys Missense Mutation in the Cardiac Troponin T Gene, 246

Clinical Findings in Patients With Cardiac Troponin T Elevation and End-Stage Renal Disease Without Acute Coronary Syndrome, 831

Clinical Significance of Increased Cardiac Troponins T and I in Participants of Ultra-Endurance Events, 696

Role of Troponin I in Active Infective Endocarditis, 1198

## Truncus Arteriosus Communis

Congenital Heart Disease and Abnormalities of the Great Vessels, 278

## Tsunami SV

Stent Implantation in Very Small Coronary Arteries: The Tsunami SV International Registry, 1429

## Tumor Necrosis Factor

Comparison of Circulating Levels of Interleukin-6 and Tumor Necrosis Factor-Alpha in Hypertrophic Cardiomyopathy and in Idiopathic Dilated Cardiomyopathy, 249

Comparison of Levels of Matrix Metalloproteinases,

Tissue Inhibitor of Metalloproteinases, Interleukins, and Tissue Necrosis Factor in Carotid Endarterectomy Specimens from Patients on Versus Not on Statins Preoperatively, 144

## T Wave

New Electrocardiographic Criteria for Identifying the Culprit Artery in Inferior Wall Acute Myocardial Infarction—Usefulness of T-Wave Amplitude Ratio in Leads II/III and T-Wave Polarity in the Right V<sub>5</sub> Lead, 1168

Occurrence of Notched T Wave in Healthy Family Members With the Long QT Interval Syndrome, 808

## Ultrasound. See also Echocardiography; Intravascular Ultrasound

Hand-Carried Cardiac Ultrasound Enhances Healthcare Delivery in Developing Countries, 539

Relation of Aortic Valve Sclerosis to Carotid Artery Intima-Media Thickening in Healthy Subjects, 837

Repeatability of Noninvasive Surrogates of Endothelial Function, 693

Utility and Diagnostic Accuracy of Hand-Carried Ultrasound for Emergency Room Evaluation of Chest Pain, 408

## Unstable Angina. See Angina Pectoris

## Valvular Heart Disease

Age-Related Prevalence of Cardiac Valvular Abnormalities Warranting Infectious Endocarditis Prophylaxis, 386

Assessment of Papillary Muscle Function Using Myocardial Velocity Gradient Derived from Tissue Doppler Echocardiography, 45

Comparison of Outcomes in Patients With Active Infective Endocarditis With Versus Without Paravalvular Abscess and With and Without Valve Replacement, 136

Prognostic Significance of Newly Acquired Bundle Branch Block After Aortic Valve Replacement, 1008

Relation of Calcium-Phosphorus Product to the Severity of Aortic Stenosis in Patients With Normal Renal Function, 1196

Relation of N-Terminal Pro-B-Type Natriuretic Peptide to Severity of Valvular Aortic Stenosis, 740

## Vascular Surgery

Disparate Opinions Regarding Indications for Coronary Artery Revascularization Before Elective Vascular Surgery, 1124

## Vasculitis

Neutrophil-Derived S100A12 Is Profoundly Upregulated in the Early Stage of Acute Kawasaki Disease, 840

## Vasodilation

Effect of *Edaravone*, a Novel Free Radical Scavenger, on Endothelium-Dependent Vasodilation in Smokers, 1070

Effect of Hyperuricemia Upon Endothelial Function in Patients at Increased Cardiovascular Risk, 932

Endothelial Dysfunction and Inflammation After Percutaneous Coronary Intervention, 1420

Reporting Measures of Endothelial Dysfunction Independent of Baseline Arterial Diameter, 1222



## Venous Thromboembolism

Outcome and Complications of Retrievable Inferior Vena Cava Filters, 1090

## Ventricular Fibrillation

Prevention of Primary Ventricular Fibrillation in Acute Myocardial Infarction With Prophylactic *Lidocaine*, 545

Upper Limit of Vulnerability Determination During Implantable Cardioverter-Defibrillator Placement to Minimize Ventricular Fibrillation Inductions, 1445

## Ventricular Function

N-Terminal Pro-Brain Natriuretic Peptide Reflects Pulmonary Capillary Leakage in Patients With Acute Dyspnea, 669

## Ventricular Noncompaction

Comparison of Echocardiographic Features of Noncompaction of the Left Ventricle in Adults Versus Idiopathic Dilated Cardiomyopathy in Adults, 389

Determinants of Outcome in Isolated Ventricular Noncompaction in Childhood, 1581

Familial Dilated Cardiomyopathy and Isolated Left Ventricular Noncompaction Associated With Lamin A/C Gene Mutations, 50

Isolated Noncompaction Involving the Left Ventricular Apex in Adults, 1214

## Ventricular Rate

Effects of Ventricular Rate Regularization Pacing on Quality of Life and Symptoms in Patients With Atrial Fibrillation (Atrial Fibrillation Symptoms Mediated by Pacing to Mean Rates [AF SYMPTOMS Study]), 938

## Ventricular Remodeling

Assessment of Biventricular Remodeling by Magnetic Resonance Imaging After Successful Primary Stenting for Acute Myocardial Infarction, 354

Effect of Antecedent Hypertension on Subsequent Left Ventricular Dilation After Acute Myocardial Infarction (from the Survival and Ventricular Enlargement Trial), 1

Effect of Left Ventricular Remodeling After Cardiac Resynchronization Therapy on Frequency of Ventricular Arrhythmias, 130

Matrix Metalloproteinase-1 Promoter Polymorphisms and Changes in Left Ventricular Volume Following Acute Myocardial Infarction, 1044

Quantitative Assessment of Right Ventricular Geometric Remodeling in Pulmonary Hypertension Secondary to Left-Sided Heart Disease Using Real-Time Three-Dimensional Echocardiography, 1096

## Ventricular Tachyarrhythmia

Effectiveness of Early Implantation of Cardioverter Defibrillator for Postoperative Ventricular Tachyarrhythmia, 376

Findings of Magnetic Resonance Imaging of Idiopathic Right Ventricular Outflow Tachycardia, 1441

## Viral Infection

Evidence of Viral Infection in the Myocardium of American and Japanese Patients With Idiopathic Dilated Cardiomyopathy, 602

## Vitamin B<sub>12</sub>

Association of Aspirin Use With Vitamin B12 Deficiency (Results of the BACH Study), 975

## Warfarin

Time Trends in *Warfarin*-Associated Hemorrhage, 403

Warfarin and Aspirin Use and the Predictors of Major Bleeding Complications in Atrial Fibrillation (the Framingham Heart Study), 947

## Weight Reduction

Safety and Efficacy of Citrus Aurantium for Weight Loss, 1359

## White Blood Cells

Relation of an Elevated White Blood Cell Count After Percutaneous Coronary Intervention to Long-Term Mortality, 190

## Women

Clinical Characteristics and Thrombolysis In Myocardial Infarction Frame Counts in Women With Transient Left Ventricular Apical Ballooning Syndrome, 343

Comparison of Endothelial Function in Young Men and Women With a Family History of Premature Coronary Artery Disease, 783

Comparison of the Impact of Atrial Fibrillation on the Risk of Stroke and Cardiovascular Death in Women Versus Men (the Copenhagen City Heart Study), 889

Effect of HMR 3339, a Novel Selective Estrogen Receptor Modulator, on C-Reactive Protein Levels in Healthy Postmenopausal Women, 1205

Effects of Hormone Replacement Therapy or *Raloxitene* on Ambulatory Blood Pressure and Arterial Stiffness in Treated Hypertensive Postmenopausal Women, 1453

Gender Differences in the Value of ST-Segment Depression During *Adenosine* Stress Testing, 997

In-Hospital Management and Outcome in Women With Acute Myocardial Infarction (Data from the AMI-Florence Registry), 1118

A Meta-Analysis of Randomized Controlled Studies on the Effects of Extended-Release Niacin in Women, 121

Relation of Low Bone Mineral Density and Carotid Atherosclerosis in Postmenopausal Women, 266

Sensitivity, Specificity, Positive Predictive Value, and Negative Predictive Value of the *Dipyridamole* Ses-tamibi Stress Test in Predicting Graft Occlusion or  $\geq 50\%$  New Native Coronary Artery Disease in Men Versus Women and in Patients Aged  $\geq 65$  Years Versus  $< 65$  Years Who Had Prior Coronary Artery Bypass Grafting, 625

Short-Term (28 Days) Prognosis Between Genders According to the Type of Coronary Event (Q-Wave Versus Non-Q-Wave Acute Myocardial Infarction Versus Unstable Angina Pectoris), 1161

Use of B-Type Natriuretic Peptide for the Management of Women With Dyspnea, 1510

## Worcester Heart Attack Study

A 25-Year Perspective Into the Changing Landscape of Patients Hospitalized With Acute Myocardial Infarction (the Worcester Heart Attack Study), 1373

## Yawning

Repetitive Yawning Associated With Cardiac Tamponade, 701