Contents Vol. 74, 1987

No. 1 Controversies in Cardiology

Introduction
Rapaport, E  1

Role of Dietary Intervention in the Primary Prevention of Coronary Heart Disease. Individuals with High-Normal or Elevated Serum Cholesterol Levels Should Be Placed on Cholesterol-Lowering Diets
Blum, C.B.; Levy, R.I  2

Dietary Fat and Coronary Heart Disease: There Is Much More to Learn
Oliver, M.F  22

Original Paper

Echocardiographic Features of Hypertensive-Diabetic Heart Muscle Disease
Venco, A.; Grandi, A.; Barzizza, F.; Finardi, G  28

Autonomic Responses in Chest Pain Syndromes as Compared to Normal Subjects
Ellestad, M.H.; Thomas, L.A.; Bortolozzo, T.L.; Abate, J.A.; Green, P.S  35

Comparison of the Immediate Effects of Two Beta-Blocking Drugs: A Nonselective and a Cardioselective with Modest ISA in Exercise-Induced Angina
Berkenboom, G.M.; Ibrahim, T.; Abramowicz, M.; Degre, S.G  43

Case Reports

Paroxysmal Supraventricular Tachycardia Induced during Exercise and Ajmaline Tests in the Wolff-Parkinson-White Syndrome
Belhassen, B.; Eshchar, Y.; Shoshani, D.; Laniado, S  49

Left Ventricular Thrombus in Agnogenic Myeloid Metaplasia
Daley, P.; Ptacin, M.; Horwitz, M.; Werner, P.; Almagro, U.; Bamrah, V  53

Intracardiac Thrombosis Associated with an Acute Consumption Coagulopathy
Seulier, J.P.; Coune, A.; Vandenbossche, J.L.; Muller, C  58

Exercise Testing and Rehabilitation

Cardiopulmonary Exercise Testing in Clinical Practice

Special Article

Management of Hypertension in Patients with Concomitant Diseases
Okun, R  71

Announcements  82

Book Reviews  83

Books Received at the Editorial Office  88

IV

Contents

No. 2 Original Paper
Effects of Intracoronary Leukotriene D4 infusion on the coronary circulation, hemodynamics, and prostanoid release in porcine experiments
Fiedler, V.B.; Abram, T.S 89

The Importance of Creatine Kinase Determination in Identifying Acute Myocardial Infarction among Patients Complaining of Chest Pain in an Emergency Room

Left Ventricular Functional Recovery from Exercise in Normals and Patients with Coronary Heart Disease
Vandenbossche, J.-L.; Taylor, J.E.; Karlner, J.S 111

Antioxidants as Antiarrhythmic Drugs
Frolkis, V.V.; Frolkis, R.A.; Dubur, G.Y.; Khmelevsky, Y.V.; Shevchuk, V.G.; Golovchenko, S.F.; Mkhitarjan, L.S.; Voronkov, G.S.; Tsyomik, V.A.; Lysenko, I.V.; Poberzinka, N.B 124

Prevention
Coronary Heart Disease Mortality and Coronary Risk Factors in Argentina
Hauger-Klevene, J.H.; Balossi, E.C 133

Case Reports
Rupture of an Aneurysm of the Aortic Sinus of Valsalva into the Right Ventricle. A Case Presenting an Unusual Hemodynamic Manifestation
Anzai, N.; Yamada, M.; Tuchida, K.; Akiyama, K.; Iida, Y 147

U Wave Inversion in Unstable Angina due to Left Main Coronary Artery Stenosis
Chia, B.L.; Ee, B.; Tan, A.; Tan, L 151

Anomalous Origin of the Right Coronary Artery from the Ascending Aorta. Diagnosis by Digital Subtraction Angiography
Miller, H.I.; Shapira, I.; Chernilas, J.; Bar-David, S.; Degani, O.; Laniado, S 156

Special Article
Twenty-Four-Hour Electrocardiographic Study in the Active Very Elderly
Rossi, A 159

Book Review 167
Books Received at the Editorial Office 168
Announcements 168
Contents V
No. 3 Original Paper
Ventricular Tachyarrhythmia Initiation in a Canine Model of Recent Myocardial Infarction. Comparison of Unipolar Cathodal, Anodal and Bipolar Stimulation
Ohm, O.J.; Mitamura, H.; Michelson, E.L.; Sauermelch, C; Dreifus, L.S 169
The $^{31}$P-Nuclear Magnetic Resonance Spectrum of Heart: Will It Be of Diagnostic Use in Clinical Cardiology?
Willis, R.J.; Clarke, K 182

Hemodynamic and Oxygen Delivery Responses to Nifedipine in Pulmonary Hypertension Secondary to Chronic Obstructive Lung Disease
Saadjian, A.; Philip-Joet, F.; Arnaud, A 196

Left Ventricular Function from End-Systolic Stress-Shortening Relations in Mitral Valve Prolapse
Lewis, B.S.; Lewis, N.; Shefer, A.; Gotsman, M.S 205

Compensated Cardiogenic Shock: A Subset with Damage Limited to Liver and Kidneys. The Possible Salutary Effect of Low-Dose Dopamine
Naschitz, J.E.; Yeshurun, D 212

Effects of Pindolol and Clopamide on Blood Lipids in Arterial Hypertensive Patients
Roman, O.; Pino, M.E.; Valenzuela, A 219

Effects of Captopril on the Physical Work Capacity of Normotensive Patients with Stable-Effort Angina pectoris

Case Report
Acute Pulmonary Edema Provoked by Psychologic Stress. Report of Two Cases
Tavazzi, L.; Zotti, A.M.; Mazzaiero, G 229

Exercise Testing and Rehabilitation
Patterns of Oxygen Consumption during Exercise Testing in Peripheral Vascular Disease
Elridge, J.E.; Hossack, K.F. 236

Book Reviews 241
Announcements 244

VI Contents
No. 4 Anniversary Issue. 50 Years of CARDIOLOGY
Publisher’s Note 249
CARDIOLOGY 50th Birthday – Editorial Thoughts
Kellermann, J.J 250
Some Realities of Present-Day Cardiologic Journal Publishing in the USA
Roberts, W.C 254

Future Directions in Cardiology
Swan, HJ.C 263

Coronary Artery Disease in the Year 2012
Schlant, R.C.; Hurst, J.W 271

Revascularization of the Ischemic Myocardium: Current Results and Expectations for the Future
Cooley, D.A 275

Management of Shock in Acute Myocardial Infarction: Changing Concepts; Past, Present and Future
Hager, W.D.; Katz, A.M 286

The Influence of the Autonomic Nervous System on Sudden Cardiac Death
Schwartz, P.J.; De Ferrari, G.M 297
Cardiovascular Disease in the Elderly
Wenger, N.K 310

Perspectives for the Primary Prevention of Coronary Heart Disease
Epstein, F.H.; Pyörälä, K 316

Announcement 332

Contents VII
No. 5 Editorial

Diabetic-Atherogenic Connection: A Continuing Puzzle
Kannel, W.B 333

Original Paper

Aortic Calcifications and Their Relationship to Coronary Heart Disease and Cardiovascular Risk Factors in Patients with Newly Diagnosed Non-Insulin-Dependent Diabetes and in Nondiabetic Subjects
Siitonen, O.; Uusitupa, M.; Pyörälä, K.; Länsimies, E.; Voutilainen, E 335

Chronic Chagas’ Heart Disease in the Elderly: A Clinicopathologic Study
Bestetti, R.B.; Ramos, C.P.; Godoy, R.A.; Oliveira, J.S.M 344

Haemodynamics at Rest and during Isometric Exercise under Long-Term Treatment with Captopril in Dilated and Ischaemic Cardiomyopathy
Greninger, P.; Eichhorn, P.; Hess, O.M.; Vetter, W.; Krayenbühl, H.P 352

Ambulatory Electrocardiographic Monitoring in Myotonic Dystrophy (Steinert’s Disease). A Study of 22 Patients
Fragola, P.V.; Ruscitti, G.C.; Autore, C; Antonini, G.; Capria, A.; Fiorito, S.; Vichi, R.; Pennisi, E.; Cannata, D 362

Controversies in Cardiology

Role of Digitalis in Chronic Congestive Heart Failure and Sinus Rhythm
Selzer, A 369

Digitalis: Is It Useful in Congestive Heart Failure in Patients in Normal Sinus Rhythm?
Chetlin, M.D 376

Case Reports

Coronary Artery to Bronchial Artery Anastomosis in Takayasu’s Arteritis
Halon, D.A.; Turgeman, Y.; Merdler, A.; Hardoff, R.; Sharir, T 387

Percutaneous Transluminal Coronary Angioplasty as a Cause of Isolated Right Ventricular Infarction
Miller, H.I.; Shapira, I.; Cherniias, J.; Berenfeld, D.; Laniado, S 392

ST Elevation in Leads VI to V4 Caused by Isolated Right Ventricular Ischemia and Infarction Ilia, R.; Margulis, G.; Goldfarb, B.; Katz, A.; Rudnik, L; Ovysyshcher, 396

Exercise Testing and Rehabilitation

Effect of Endurance Training on Q-T Interval and Cardiac Electrical Stability in Boys Aged 10 to 14. Ventricular Arrhythmias in Trained Boys
Palatini, P.; Maraglino, G.; Mos, L.; Munari, L.; Ronsisvalle, G.; Calzavara, A.; Lusiani, L.; Libardoni, M.; Pessina, A.C.; Dal Paù, C 400

Abstracts

First Vienna Symposium on New Trends in HTX
Progress in Immunosuppression and Diagnostics after Heart Transplantation
September 18-19, 1987, Vienna (Austria) 408

Book Reviews 421
Mechanism of Action of Antianginal Drugs: What Is It?
Amsterdam, E.A 425

Original Paper
Exercise-Induced Angina Alleviated by Intracoronary SIN-1
Berkenboom, G.M.; Unger, Ph.; Jottrand, M.; Loiseau, J.; Pype, F.; Degre, S.G. . . . 427

Unexplained Chest Pain with Normal Coronary Arteriograms. A Follow-Up Study
Van Dorpe, A.; Piessens, J.; Willems, J.L.; De Geest, H 436

Quantitation of Variations in Regional Left Ventricular Function in Isolated Disease of the
Left Anterior Descending Coronary Artery
Sapoznikov, D.; Welber, S.; Lotan, Ch.; Mosseri, M.; Shimoni, Y.; Gotsman, M.S. . . 444

Postinfarction Metoprolol Treatment: Effects on Prognosis in Relation to Serum Cholesterol
Concentrations
Olsson, G.; Rehnqvist, N 457

Long-Term Results of Surgical Repair of Coarctation of the Aorta-Evaluation by Exercise
Test
Katz, G.; Uretzky, G; Beer, G.; Appelbaum, A.; Borman, J.B 465

Case Reports
Myocardial Salvage following Elective Angioplasty for Total Coronary Occlusion
Singh, A.; Murray, R.G; Chandler, S.; Shiu, M.F 474

Isolated Right Ventricular Aneurysm following Right Ventricular Infarction
Andersen, H.R.; Falk, E 479

Exercise Testing and Rehabilitation
Exercise Tolerance in Patients with and without Ventricular Aneurysm
La Rovere, M.T.; Pozzoli, M.; Traversi, E.; Opasich, C; Specchia, G 483

Books Received at the Editorial Office 423
Announcement 424
Erratum 424
VIII Contents
No. 6 Editorial

Books Received at the Editorial Office 494
Book Reviews 490
Author Index 495
Subject Index 498

Suppl. 1 Mononitrates. 1. International Symposium, GB-London, June 6-8, 1986
Editors: P.A. Poole-Wilson, London; W. Raffenbeul, Hannover; R. Bonn, Monheim; U.
Gathmann-Lewik, Monheim; M. Weiss, Monheim; D. Woodings, Chesham

Suppl. 2 Sudden Cardiac Death. Risk Stratification and Potential for Reduction by Drug
Therapy
Symposium, held at the Xth World Congress of Cardiology Washington, D.C., September 18,
1986 Editor: R.J. Myerburg, Miami, Fla.