Subject Index

Alcohol withdrawal, variant angina associated 226
Alcoholics, diastolic function 431
Anaerobic threshold, exercise hemodynamics 32, 34
Aneurysmectomy, functional assessment after 108
Angina pectoris 10
Angioplasty, late coronary spasm 214
Angiographic assessment, aneurysmectomy, before and after 110
Anti-ischemic effect
isosorbide-5-mononitrate 412 nifedipine 409
Arterial hypertension 200
Arterial lactate, ventricular variables, relationship 125
Atherosclerosis 50
Atrial capture 284
Atrial lead 283
Atrial pacing 276, 283, 328
Atrioventricular node function, myocardial infarction after 274
Autoimmunity 269
Bacterial endocarditis 287
Beta blockers, myocardial infarction after 230
Bundle branch block, left 365
Calcium antagonists 161
Calcium overload, caffeine 206
Cardiac catheterization, spontaneous angina during
90 Cardiac function, assessment 307 Cardiokymography 100 Cardiomyopathy
diabetic 4, 5, 7
Ethiopia 459 Cardiovascular diseases
developing countries 56
life expectancy 61 Catecholamine excretion 200 Catecholamines circulating, intravenous
nitrate
response 260, 262 Catheter ablation 289, 292 Chest pain, behaviour 10
Color flow mapping, coronary fistula 378 Concealed accessory pathway 292 Concealed
conduction 440 Congenital heart disease, Ethiopia 458 Congestive heart failure
enalapril 338
lymphocyte cations 340 Continuous ECG monitoring, myotonic dystrophy
241 Coronary arteries, normal, acute myocardial infarction 218 Coronary artery disease
mortality 65
primordial prevention 56
ventricular function, impaired 24 Coronary artery fistula 375 Coronary heart disease
Papua New Guinea 71
risk factor 68 Coronary-prone behaviour 12,13 Coronary spasm
alcohol withdrawal 226
PTCA complication 214 Coronary recanalization
evulsion 187
myocardial infarction during 184 Corticosteroids, sinoatrial block management
221
Diabetic cardiomyopathy 3, 6 Diastolic function, Friedreich’s ataxia 323 Diuretic therapy,
electrolyte concentration 17 Doppler echocardiography, pulmonary hypertension
401 Digoxin, X-ray microanalysis 344
Echocardiography 444
coronary fistula in 376
Friedreich’s ataxia 322
hypertrophy cardiomyopathy 348
tricuspid valve prolapse 146,147 Echophonocardiography 432 Ejection fraction, left
ventricular 369
Subject Index
473

Electrocardiography
cardiokymography compared to 102
diabetic patients 1 Electromechanical events, spontaneous angina
during 90 Element content, mice 345 Enalapril, congestive heart failure 338
Ergometry, supine, systolic time intervals 138, 139 Exercise hemodynamic pattern, anaerobic
threshold
relationship 35, 36, 41 Exercise test
anaerobic threshold 32, 307
return to work 230
supine 133 Exit block 283
Fibrinolysis, left ventricular thrombus 444 Friedreich’s ataxia 321
diastolic function 323
pulsed Doppler 325
GL enzyme 177
Glucose tolerance, South African Indian women 381
Hackett, T.P., in memoriam 393
Heart transplantation, rehabilitation 311
Hemodynamic assessment
aneurysmectomy, before and after 108
intravenous mitral, after 260 Hodgkin’s disease, unexplained hypotension 154 Holter
monitoring 223,241 Hyaglosidase (GL enzyme) 177 Hypertension
elderly 45
family history 200
therapy 47 Hypertensives
fat 448
lean 448
mortality 453
risk factors 453 Hypertrophy, cardiomyopathy, genetic implications
348 Hypomagnesemia
hemodynamic effects 81
metabolic effect 84 Hypotension, Hodgkin’s disease 154 Hypothyroidism 301
nongoitrous 271
ventricular tachycardia 302, 304
Infarct size, limitation, early intervention 117 Inflow Doppler velocimetry 433 Ischemic heart disease
Papua New Guinea 71
prevalence 387 Isometric contraction time 133 Isosorbide-5-mononitrate, coronary heart disease
409
Lactate threshold 123
Lactic acid 307
Left ventricular compliance, postextrasystolic potentiation 328 Left ventricular function 184, 365
early prediction 170
exertional hypotension 27
impaired, exercise during 27-29 Left ventricular thrombus, lysis 444 Left ventricular volume
108 Lymphocyte
diuretics 21, 22
magnesium 19, 21, 22, 194, 340
potassium 19, 20, 194, 338
Magnesium concentration, infarction prognosis 195
Metoprolol 117, 228, 357
Mexico City Project, coronary atherosclerosis 387
Miami trial 121
Minute ventilation, computer analysis 125, 127
Mitr valve prolapse 269
silent, ventricular fibrillation 149 Myocardial infarction 230, 381
acute 218, 260
prognostic factors 194 recanalization during 184
atrioventricular node function 274
GL enzyme therapy 177
metoprolol intervention 357
morbidity 359
quality of life 361
return to work after 233
risk factors 383
secular changes in mortality 65
streptokinase 170, 419, 444
suspected, early diagnosis 250
tiapamil following 163
verapamil following 165
5-year mortality rate 250 Myotonic distrophy, 24-hour ECG monitoring
241
474
Subject Index

Nefedipine, coronary heart disease 409
Nitrate therapy, intravenous 260
Noninvasive techniques, cardiokymography 100
Obstructive lung disease, chronic, right heart catheterization 404, 405
Oxygen consumption, computer analysis 123
Oxygen uptake 307
Pain, psychogenic 14, 15
Physical rehabilitation, heart transplantation after 311
Pneumococcal peritonitis, cardiac ascites 372
Potassium concentration, infarction prognosis 195, 196
Pregnancy, acute myocardial infarction during 218
Pressure-volume relationship 329
Prinzmetal’s angina 226
Psychosocial rehabilitation after heart transplantation 315
PTCA, left main coronary artery 214
Pulmonary gas exchange 307
Pulmonary hypertension 401
Pulsed Doppler coronary fistula 375
Friedreich’s ataxia 321
young alcoholics 432
Pump failure 263
QT interval 301
Quality of life, myocardial infarction suspected 357
Radionuclide angiography 366
Rheumatic heart disease, Ethiopia 458
Retrograde conduction 283
Secular changes, mortality 65
Sinoatrial block, corticosteroids 221
Sinoatrial node 206
overdrive excitation 208, 210
Sinus node function after myocardial infarction 274
Streptokinase 444
acute myocardial infarction 172
after ventricular remodelling 419
Sympathetic nervous system, arterial hypertension 200
Systolic time intervals 133
Thrombolysis 170, 419
Thyroiditis, chronic lymphocytic 269
Tiapamil, hemodynamic effect 161
Tricuspid valve endocarditis, surgical treatment 287
Tricuspid valve prolapse, isolated 145
Unstable angina pectoris, mortality 65
Vectorcardiography 2
Vegetectomy, surgical therapy 287
Ventricular diastolic function, alcoholics 431
Ventricular extrasystoles, interpolated 440
Ventricular fibrillation, mitral valve prolapse 149
Ventricular function intravenous thrombolysis after 419
left impaired, exertional hypotension 27, 28
Ventricular tachycardia 301
sustained, verapamil 294
Verapamil 294
hemodynamic effects 161
Wall asynergies, anterior 102
Wenckebach periodicity 440
type-A, alternating 441 Work capacity, functional assessment 110
X-ray microanalysis, hearts of mice 344