Subject Index

Adrenergic system, blood pressure regulation 108
Afterload 9
Amiodarone, bradycardia-tachycardia syndrome 118, 122,
Angina, unstable 80, 82 echocardiography 86
Angiography
myocardial infarction before and after
140, 141 serial studies 139, 142
Aortocoronary bypass surgery 131, 134 platelet factor 4 after 129, 133
Arrhythmias 42, 44
Atrial electrograms 73, 75
Atrioventricular conduction defects 164
Beta-blocking agents and platelet aggregability 135 Beta-thromboglobulin in 129 Blockade
alpha and beta 110
hypertension, essential 103 Blood pressure
adrenergic system role 108
exercise response 233
regulation 103, 116
renin-angiotensin role 106, 113 Bradycardia-tachycardia syndrome, amiodarone 118, 120, 122
Calcium antagonist FR7534 146 infarct size and 151, 154
Cardiac catheterization, hypotensive females 242
Cardiac rehabilitation, training program 224
Cardiac tamponade, bradycardia during 66, 68
Cardiomyopathy
congestive 193, 198
idiopathic 199
primary 199 Catecholamines
coronary heart disease 202, 208
myocardial 206
pacing effect 212
sympathetic activity 215 Congestive heart failure, lightening stroke
due to 49, 50 Contractility, ventricular, left 13, 14 Coronary angiography 225
nontransmural myocardial infarction 219 Coronary artery
management 175
ventricular fistula left 167 Coronary artery disease
β-thromboglobulin in 132
platelet factor 4 133
platelet-specific proteins 129, 132, 133 Coronary artery stenosis and exertional
hypotension 240 Coronary heart disease
blood pressure during exercise 239
sympathetic activity 207 Coronary patients, cigarette smoking
habits 182 Creatine kinase 202
estimation of infarct size 203, 204
Double product 54
physical training after 223
Echocardiography
angina, unstable 80, 82 catheterization 85
Subject Index
247

Ectopy ventricular
complexity and frequency 97, 99, 100
monitoring continuous 92, 95 Ejection fraction 4 Ejection time
coronary heart disease 40
left ventricular 20, 21, 26, 35
mitral valve prolapse 40 Electrocardiography
exercise during 54
lightning stroke 49
monitoring continuous 46, 47, 91, 93 End-diastolic pressure 209
left ventricular 211 Epinephrine
exercise after 214
measurements of plasma levels 207
role on sympathetic activity 207 Exercise adaptation
hemodynamic 104
humoral 105 Exercise testing 222
cardiac catheterization 242
contraindication 229
coronary heart disease 40
myocardial infarction early after 230
nontransmural 221
prognostic correlations 229
progressive 55
safety 228 Extrasystoles, ventricular 42, 44
Fibroelastosis, myocardial 198, 199
Heart rate, training before and after 223 Hemorrhage, bradycardia during severe
66,73 Hypotension
exertional 233
factors associated with 237
Infarct size 148, 152, 201
creatine kinase 204
reduction 146 Isovolumic relaxation 2
Lactate metabolism 211
Mitral valve prolapse
ventricular ejection time left 40
MV02/VO2 ratio 55, 57
Myocardial blood flow, regional 148
Myocardial infarction acute angiography 140, 141, 156
exercise testing 218
nontransmural 218
Norepinephrine, measurements of plasma levels 207
Oxygen pulse after physical training 223
Pacing
catecholamine effect 215
norepinephrine increase 215
PEP/LVET ratio 21, 25, 27, 33, 35
Predictive value, exercise testing 228,
229
Preload 9
Propanolol 208
effect on hemodynamics 211
metabolic changes 211
Quadrigeminy, concealed 43, 47
Risk factor distribution 183, 184
Sick sinus syndrome 161, 164
electrophysiology 162
Sinoatrial conduction time 164
ST depression and MVO2/VO2 ratio 57
Sympathectomy 67, 75
Systolic time intervals 19, 23, 30
outflow obstruction, aortic 25
postural changes 33
pulmonary disease 31
Vagotomy, bilateral 67, 77
Ventricular fistula 167, 175
Ventricular function, left 5, 9, 14
exercise hypotension 241
Ventricular performance, left 32
Work capacity, maximal 222