
contents

CONTRIBUTORS	xi
FOREWORD BY J. WILLIS HURST	xiii
PREFACE TO THE SECOND EDITION	xv
PREFACE TO THE FIRST EDITION	xvii
ACKNOWLEDGMENTS	xix

1	
CLINICAL PHYSIOLOGY OF THE CIRCULATION	1
<i>Robert J. Adolph</i>	

2	
THE HISTORY IN CARDIAC DIAGNOSIS	26

3	
ARTERIAL AND VENOUS PULSES	32

4	
CLINICAL ASPECTS OF VECTORCARDIOGRAPHY	49
<i>Te-Chuan Chou</i>	

5	
PRINCIPLES OF CARDIAC CATHETERIZATION	84
<i>Ralph Shabetai and Robert J. Adolph</i>	

6	
CARDIAC AUSCULTATION	158

7

**PHYSIOLOGIC AND PHARMACOLOGIC AIDS IN CARDIAC
AUSCULTATION**

173

Modestino G. Criscitiello

8

INNOCENT MURMURS

189

9

SYSTOLIC MURMURS

195

10

CARDIAC FUNCTION TESTS

205

11

NON-INVASIVE METHODS OF CARDIAC DIAGNOSIS

214

12

CONGESTIVE HEART FAILURE

230

13

TREATMENT OF CONGESTIVE HEART FAILURE

248

14

**PATENT DUCTUS ARTERIOSUS AND OTHER CAUSES OF
CONTINUOUS THORACIC MURMURS**

271

15

**ATRIAL SEPTAL DEFECT AND ANOMALOUS PULMONARY
VENOUS DRAINAGE**

285

16

VENTRICULAR SEPTAL DEFECT

308

17

PULMONARY VALVULAR INSUFFICIENCY

322

18

OTHER VARIETIES OF ACYANOTIC CONGENITAL HEART DISEASE

328

19

CYANOTIC CONGENITAL HEART DISEASE

355

Robert H. Franch

20

TREATMENT OF CYANOTIC CONGENITAL HEART DISEASE

439

Robert H. Franch

21

ACUTE RHEUMATIC FEVER

457

Jacqueline A. Noonan

22

AORTIC STENOSIS: LEFT VENTRICULAR OUTFLOW TRACT OBSTRUCTION

477

23

TREATMENT OF VALVULAR AORTIC STENOSIS AND OTHER OBSTRUCTIONS TO LEFT VENTRICULAR OUTFLOW

501

24

AORTIC INSUFFICIENCY

507

25

MITRAL STENOSIS

524

26

MITRAL INSUFFICIENCY

541

27

TREATMENT OF MITRAL VALVE DISEASE

559

28

TRICUSPID VALVE DISEASE

567

29

LATE POSTOPERATIVE MANAGEMENT OF PATIENTS FOLLOWING VALVULAR HEART SURGERY

577

Herbert N. Hultgren and William W. Angell

30

INFECTIVE ENDOCARDITIS

597

John P. Phair and Morton Hamburger

31

HYPERLIPIDEMIC STATES: DIAGNOSIS AND TREATMENT

614

Charles J. Glueck, Ronald W. Fallat and Regine Moulton

32

CORONARY ARTERY DISEASE: ANGINA PECTORIS AND ACUTE CORONARY INSUFFICIENCY

627

33

TREATMENT OF CORONARY ARTERY DISEASE: ANGINA PECTORIS

658

34

CORONARY ARTERY DISEASE: MYOCARDIAL INFARCTION AND CORONARY ARTERY ANEURYSM

672

35

TREATMENT OF ACUTE MYOCARDIAL INFARCTION

704

36

CURABLE FORMS OF SYSTEMIC HYPERTENSION

727

Irwin B. Hanenson

37

MEDICAL MANAGEMENT OF ESSENTIAL HYPERTENSION

742

Irwin B. Hanenson

38

MYOCARDIAL DISEASES (CARDIOMYOPATHIES)

757

39

NORMAL PULMONARY CIRCULATION

784

40

PULMONARY HYPERTENSION

792

41

COR PULMONALE CAUSED BY LUNG DISEASE

801

42

COR PULMONALE: PULMONARY EMBOLISM AND IDIOPATHIC PULMONARY HYPERTENSION

816

43

UNCOMMON VARIETIES OF HEART DISEASE

838

44

PERICARDIAL DISEASES

858

45

CARDIAC ARRHYTHMIAS: PREMATURE BEATS AND THE PAROXYSMAL TACHYCARDIAS

889

46

ATRIAL FIBRILLATION AND ATRIAL FLUTTER

935

47

THE BRADYARRHYTHMIAS: AV BLOCK, AV DISSOCIATION AND SINOATRIAL BRADYCARDIA

949

48

SIGNIFICANCE OF HIS BUNDLE ELECTROCARDIOGRAPHY

979

Antonio R. Caracta and Anthony N. Damato

49

DIGITALIS INTOXICATION AND ELECTROLYTE IMBALANCE

1009

50

HEART DISEASE AND PREGNANCY

1033

James Metcalfe and Kent Ueland

51

DISEASES OF THE AORTA, INCLUDING SYPHILITIC HEART DISEASE

1054

52

HIGH CARDIAC OUTPUT STATES

1068

53

SYNCOPE

1085

54

TRAUMATIC HEART DISEASE

1095

Loren F. Parmley, Jr. and Melvin D. Cheitlin

55

EVALUATION OF THE CARDIAC PATIENT AS A SURGICAL RISK

1123

INDEX

1133