THE SYNDROME OF CARCINOID AND ACQUIRED VALVE LESIONS OF THE RIGHT SIDE OF THE HEART

William B. Bean, David Olch and Harry B. Weinberg

CIRCULATORY EFFECTS OF MITRAL COMMISSUROTOMY WITH PARTICULAR REFERENCE TO SELECTION OF PATIENTS FOR SURGERY

M. Irené Ferrer, Réjane M. Harvey, Robert H. Wylie, Aaron Himmelstein, Adrian Lambert, Marvin Kuschner, André Cournand and Dickinson W. Richards

FACORS IN THE ETIOLOGY OF CONSTRUCTIVE PERICARDITIS

Ralph A. Deterling, Jr. and George H. Humphreys, II

CALCIFICATION OF THE PERICARDIUM IN APPARENTLY HEALTHY PEOPLE. ELECTROCARDIOGRAPHIC ABNORMALITIES FOUND IN TRACINGS FROM APPARENTLY HEALTHY PERSONS WITH CALCIFICATION OF THE PERICARDIUM

F. A. L. Mathewson

EXPERIENCES WITH A NEW ORAL MERCURIAL DIURETIC—MERPURATE

Jerome G. Kaufman, Arthur Bernstein, Fred Weiss, Emanuel Klosk and Harold S. Feldman

THE INFLUENCE OF ADVANCED CONGESTIVE HEART FAILURE ON PULSUS ALTERNANS

Joseph M. Ryan, James F. Schieve, Hugh B. Hull and Beryl M. Oser

THE RELATIONSHIP BETWEEN IMPAIRED RETINAL VASCULAR REACTIVITY AND RENAL FUNCTION IN PATIENTS WITH DEGENERATIVE VASCULAR DISEASE

H. O. Sieker, J. B. Hickam and J. F. Gibson

THE HEMODYNAMICS OF THE LEFT SIDE OF THE HEART AS STUDIED BY SIMULTANEOUS LEFT ATRIAL, LEFT VENTRICAL AND AORTIC PRESSURES: PARTICULAR REFERENCE TO MITRAL STENOSIS

Eugene Braunwald, Howard L. Moscovitz, Salomao S. Anram, Richard P. Lasser, Samuel O. Sapin, Aaron Himmelstein, Mark M. Ravitch and Alvin J. Gordon

ACUTE COMPLETE HEART BLOCK IN DOGS

T. A. Starzl, R. A. Gaertner and R. Robinson Baker

THE EFFECT OF EXERCISE ON THE EXCRETION OF WATER BY PATIENTS WITH CONGESTIVE FAILURE

Leroy E. Duncan, Jr.

RENAL HEMODYNAMIC RESPONSE TO VASOPRESSOR AGENTS IN THE TREATMENT OF SHOCK

John H. Moyer, George Morris and H. Liston Beasley

THE ELIMINATION OF BODY RESONANCE DISTORTION FROM THE DIRECT-BODY BALLOONCARDIOMAP

Michael Tobin, John N. Edson, Robert Dickes, Gerald H. Flamm and Lawrence Deutsch

INTERIM REPORT OF THE COMMITTEE ON AUSCULTATORY PHENOMENA OF THE SCIENTIFIC COUNCIL OF THE AMERICAN HEART ASSOCIATION

CALCIAL PROGRESS. THE CLINICAL USE OF DIGITALIS PREPARATIONS (Part one)

Calvin F. Kay
No. 2

Evidence for Increased Serum Glutamic Oxalacetic Transaminase (SGO-T) Activity Following Graded Myocardial Infarcts in Dogs
   Irwin Nydick, Felix Wróblewski and John S. LaDue 161

Long-Acting Coronary Vasodilator Drugs: Metamine, Paveril, Nithroglyn and Peritrate
   Henry I. Russak, Burton L. Zohman, Alice E. Drumm, William Weingarten and Virgil J. Dorset 169

The Theory of Kent. A Histologic Study of the Normal Atrioventricular Communications of the Human Heart
   Maurice Lev and Ruth Lerner 176

Dissecting Aneurysm Produced by Diet
   William B. Bean and Ignacio V. Ponseti 185

Cholesterol Pericarditis. Successful Treatment by Pericardectomy
   Oscar Creech, Jr., W. Morse Hicks, Jr., Harvey B. Snyder and Ethel E. Erickson 193

Visualization of the Coronary Sinus in Cineangiography
   Frank Campeti, Raymond Gramiak, James S. Watson, George H. Ramsey and Sydney Weinberg 199

Association of Hypotensive State in Myocardial Infarction with Subsequent Metabolic Responses and Mortality in Elderly Subjects
   Robert A. Bruce, Henry J. Kowalski and Gordon G. Bergy 207

Circulatory Dynamics in Osteitis Deformans
   J. Lequime and H. Denolin 215

Rauwolfia Serpentina in the Treatment of High Blood Pressure. A Review of the Literature
   Rustom Jal Vakil 220

Atypical Tetralogy of Fallot: A Noncyanotic Form with Increased Lung Vascularity
   Richard D. Rowe, Peter Vlad and John D. Keith 230

Lumbar Sympathectomy in the Treatment of Hypertensive Ischemic Ulcers of the Leg (Martorell's Syndrome)
   J. Palou 239

Subacute Bacterial Endocarditis Arising in Mural Thrombi Following a Myocardial Infarction: A Case Report
   Seymour Jaffe and Harold Feil 242

Angiographic Demonstration of Occlusive Auricular Thrombi in Dogs
   John L. Read, Lewis H. Bosher, Felix Ferraru, Samuel Richman and Reno R. Porter 247

Occlusive Auricular Thrombi
   John L. Read, Reno R. Porter, Simon Russel and Joseph R. Kriz 250

Chronic Heart Block in Dogs. A Method for Producing Experimental Heart Failure
   T. E. Starzl and R. A. Gaertner 259

The Effect of Hyperventilation on Various Arrhythmias
   D. Scherf, M. Goldfarb and R. Bassan 271

Mitrail Insufficiency: Cardiac Mechanics as Studied with the Kinetocardiogram and Ballistocardiogram
   William T. Tucker, John L. Knowles and E. E. Eddleman, Jr. 278

A Study of the Spatial Vectorcardiogram in Normal Subjects over the Age of Forty Years
   J. A. Abildstow 286

CONTENTS OF VOLUME XII

Clinical Conference. A Diagnostic Problem: Noncyanotic Heart Disease with Heart Failure in a Seven Year Old Boy
   E. Grey Dimond 124

Abstracts
   132

Book Reviews
   151

American Heart Association
   153

Downloaded from http://circ.ahajournals.org/ on August 31, 2017
CONTENTS OF VOLUME XII

Clinical Progress. The Clinical Use of Digitalis Preparations (Part two)
Calvin F. Kay 291
Abstracts ................................................................. 305
American Heart Association ........................................... 318

No. 3

The Heart Muscle and the Electrocardiogram in Coronal Disease. III. A New Classification of Ventricular Myocardial Damage Derived from the Clinicopathologic Findings in 100 Patients (Part one)
John Sajen, Warner F. Sheldon and Charles C. Wolfeth 321
Inositol and Mannitol Hexanitrites in Hypertension Management
Lionel M. Bernstein and A. C. Ivy 353
Newer Drugs in the Treatment of Hypertension. II. Use of Hexamethonium in Combination with Hydralazine
Charles L. Rast, Jr. and Edward S. Orgain 361
The Role of Pulmonary Hypertension and Thromboembolism in the Production of Pulmonary Arteriosclerosis
Robert M. O'Neal and Wilbur A. Thomas 370
Exercise and Cardiac Work Response at High Altitude
Ernest O. Theilen, Donald E. Gregg and Andres Rotta 383
QS- and QR-Pattern in Leads V2 and V4 in Absence of Myocardial Infarction: Electrocardiographic and Vectorcardiographic Study
Borys Surawicz, Robert G. Van Horne, John R. Urbach and Samuel Bellet 397
A New Quantitative Basis for Electrocardiographic Theory: The Normal QRS Complex
Ernest Frank, Calvin F. Kay, George E. Seiden and Robert A. Keisman 406
A Study of the Spatial Vectorcardiogram in Subjects with Posterior Myocardial Infarction
G. E. Burch, Leo Horan, J. A. Abildskov and J. A. Cronich 418
Vectorcardiographic Investigations on the Auricles
Rudolf Wenger, Klemens Hupka and Erwin Wick 426
A Study in Frontal Plane Vectorballistocardiography
Gwendolyn L. Morris and John R. Braunstein 432
Clinical Conference. Presentation of a Case for Diagnosis .................. 439
Clinical Progress. The Neurogenic Control of the Blood Vessels
Simon Rodbard and Louis N. Katz 448
Abstracts ................................................................. 456
American Heart Association ........................................... 476
Program and Proceedings of the Ninth Annual Meeting of the American Society for the Study of Arteriosclerosis......................... 481

No. 4

Cardiovascular Performance in Atrial Flutter
Régane M. Harvey, M. Iréné Ferrer, Dickinson W. Richards and André Courand 507
Echinococcus Disease of the Left Ventricle. A Clinical, Radiologic and Electrocardiographic Study . . . Eduardo Joaquín Canabal, César V. Aguirre, Jorge Dighiero, Joaquín Purcellas, José M. Baldomir and Carlos V. Suzacq 520
The Influence of Rheumatic Fever on Serum Concentrations of the Enzyme, Glutamic Oxalacetic Transaminase  
Irwin Nydick, James Tang, Gene H. Stollerman, Felix Wróblewski and John S. LaDue 795

Costophrenic Septal Lines in Pulmonary Venous Hypertension  
André J. Bruwer, F. Henry Ellis, Jr. and John W. Kirklin 807

Syndrome of Left Ventricular-Right Atrial Shunt Resulting from High Interventricular Septal Defect Associated with Defective Septal Leaflet of the Tricuspid Valve  
Mildred Stahlman, Samuel Kaplan, James A. Helmsworth, Leland C. Clark and H. William Scott, Jr. 813
CONTENTS OF VOLUME XII

Cardioaortic Fistula. A Case Diagnosed in Life and Treated Surgically
J. W. Brown, D. Heath and W. Whitaker

819

The Physiologic and Clinical Similarity between Primary Amyloid of the Heart and Constrictive Pericarditis
Rolf M. Gunnar, Robert F. Dillon, Richard J. Wally and Edward I. Elisberg

827

Further Observations on the Treatment of Superficial Thrombophlebitis with Phenylbutazone (Butazolidin)............. Irwin D. Stein

833

General Networks for Central Terminals in Electrocardiography and Vectorcardiography
Nathan Marchand, Stanley A. Briller and Charles E. Kossmann

838

Dynamic Comparison of Current Ballistocardiographic Methods. Part II: Effect of a Platform in Ballistocardiographic Dynamics
Samuel A. Talbot and W. Kirby Harrison, Jr.

845

The Abnormal Ballistocardiogram in Mitral Stenosis. The Relationship of the Abnormal Waves to Right Ventricular Ejection and to the Mean Pulmonary Artery Pressure.................. C. B. Henderson

858

Three-Plane Ballistocardiography: The Effect of Age on the Longitudinal, Lateral and Dorsalventral Ballistocardiograms ...... Harold W. March

869

Pressor Mechanism Induced by Intracranial Compression
Simon Rodhard and Walter Stone

883

The Effect of Prolonged Corticotropin Therapy for Rheumatic Fever on the Exchangeable Sodium Content and Body Weight
Jerry K. Aikawa and Marie B. Rhyne

891

Alterations in Exchangeable Sodium Content, "Sodium²¹ Space" and Body Weight during the Treatment of Congestive Failure
Jerry K. Aikawa and Reginald H. Fitz

897

Clinical Progress. Cardiovascular Manifestations of Collagen Diseases
Matthew Taubenhaus, Bernard Eisenstein and Alfred Pick

903

Clinical Conference. A Patient with Circulatory Complications following an Exploratory Celiotomy for Unexplained Jaundice
Joseph E. Flynn and Frederick R. Bailey

921

Abstracts

927

American Heart Association

951

No. 6

De-Epicardialization: A Simple, Effective Surgical Treatment for Angina Pectoris............Dwight E. Harken, Harrison Black, James F. Dickson and Hugh E. Wilson, III

955


963

Reactivity to Pressor Agents in Hypertension
Austin E. Doyle and Harold Black

974

Mitrail Commissurotomy Performed during Anticoagulant Prophylaxis with Dicumarol.............Ole Storm and Anders Tybjerg Hansen

981

Cardiovascular Collapse in Acute Poliomyelitis
J. A. Hildes, A. Schaberg and A. J. W. Alcock, M.D.

986

Pulmonary Stenosis and Ventricular Septal Defect with Arteriovenous Shunts. A Clinical and Hemodynamic Study of Eleven Patients
John A. Callahan, Robert O. Branchburg and H. J. C. Swan

994
CONTENTS OF VOLUME XII

Studies Made by Simulating Systole at Necropsy. VII. Clinical Methods for Estimating the Work of the Left Ventricle. With a Note on the Diminution of Heart Work as Age Advances
  Isaac Starr, S. I. Askowitz, W. Feder and A. Schild 1005

Dynamic Comparison of Current Ballistocardiographic Methods. Part III. Derivation of Cardiovascular Forces from Body Motions
  Samuel A. Talbot and W. Kirby Harrison, Jr. 1022

Motion in Cardiovascular Radiography .................. Charles T. Dotter 1034

The Effect of Large Intravenous Doses of Sodium Borate on the Human Myocardium as Reflected in the Electrocardiogram
  Hadley L. Conn, Jr., Berniece B. Antal and Lee E. Farr 1043

Hemodynamic Changes Associated with Fluid Retention Induced in Non-Cardiac Subjects by Corticotropin (ACTH) and Cortisone; Comparison with the Hemodynamic Changes of Congestive Heart Failure
  Roy E. Albert, Warren W. Smith and Ludwig W. Eichna 1047

Sodium Potassium and Magnesium Balance during Recovery from Congestive Heart Failure Due to Cor Pulmonale and Other Heart Diseases
  Ivan J. Mader, Yoshikazu Morita and Lloyd T. Iseri 1057

Tentative Classification of Arteriopathies by the Committee on Nomenclature of The American Society for the Study of Arteriosclerosis . . . 1065

Clinical Progress. Aortic Dissection ....................... Howard B. Burchell 1068

Unusual Manifestations of Coarctation of the Aorta
  George C. Griffith, Robert W. Oblath and John C. Jones 1180

Abstracts .......................................................... 1084

Book Reviews ..................................................... 1109

American Heart Association .................................. 1111
Circulation is published by the American Heart Association, 7272 Greenville Avenue, Dallas, TX 75231
Copyright © 1955 American Heart Association, Inc. All rights reserved.
Print ISSN: 0009-7322. Online ISSN: 1524-4539

The online version of this article, along with updated information and services, is located on the World Wide Web at:
http://circ.ahajournals.org/content/12/3.citation

Permissions: Requests for permissions to reproduce figures, tables, or portions of articles originally published in Circulation can be obtained via RightsLink, a service of the Copyright Clearance Center, not the Editorial Office. Once the online version of the published article for which permission is being requested is located, click Request Permissions in the middle column of the Web page under Services. Further information about this process is available in the Permissions and Rights Question and Answer document.

Reprints: Information about reprints can be found online at:
http://www.lww.com/reprints

Subscriptions: Information about subscribing to Circulation is online at:
http://circ.ahajournals.org/subscriptions/