# AMERICAN HEART ASSOCIATION, INC.

44 East 23rd Street, NEW YORK 10, N. Y.

Telephone Gramercy 7-9170

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## RESEARCH FELLOWSHIPS AND GRANTS

FOR THE FISCAL YEAR BEGINNING JULY 1, 1955

### Fellowship Support

Applications must be received on or before September 15, 1954.

Research Fellowships (postdoctoral), open to graduates of approved medical or graduate schools, for research in the cardiovascular field. Awarded for periods of one or two years. Fellows must engage full-time in research. Stipend ranges from $3,500 to $5,500.

Established Investigatorships, open to graduates of approved medical or graduate schools who intend to follow an academic or investigative career. A Doctorate in Medicine, in Philosophy or in Science, and research achievement is required. Awarded for periods up to 5 years subject to annual review. Support offered in the field of cardiovascular or in fundamental research. Initial stipend is usually $6,000 with annual increases. Institutions may supplement stipend with permission of the Research Committee of the American Heart Association.

### Research Grants-in-Aid

Applications must be received on or before December 1, 1954.

Grants are made to nonprofit institutions in direct support of a particular investigator, for a specific program of research under his direction. Grants are awarded in support of research in the cardiovascular field or basic sciences related to it in amounts up to $10,000 per annum for periods of one or more years.

Further information and application forms may be secured from the Medical Director.

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## SECOND WORLD CONGRESS OF CARDIOLOGY AND 27TH

SCIENTIFIC SESSIONS OF

AMERICAN HEART ASSOCIATION

WASHINGTON, D. C., SEPT. 12-17

### Schedule of Events

**Saturday, Sept. 11, 5:00 to 10:00 p.m.: Registration, Mayflower Hotel**

**Sunday, Sept. 12:**
- 9:00 a.m. to 10:00 p.m.: Registration, Mayflower Hotel
- 10:30 a.m.: Opening ceremonies at Constitution Hall
- 9:00 p.m.: Reception for Congress Members, Pan American Building

**Monday, Sept. 13 through Friday, Sept. 17:**
- Scientific Sessions at National Guard Armory. (See program below.)

**Monday Sept. 13, 8:30 to 10:30 p.m.: Visit to National Gallery of Art, for Congress Members only.**

**Tuesday, Sept. 14, 8:00 p.m.: Formal banquet for Congress Members, to be held simultaneously at the Mayflower and Statler Hotels.**

**Wednesday, Sept. 15, 2:30 to 5:30 p.m.: Medical sightseeing tours.**

**Thursday, Sept. 16, 8:30 p.m.: Concert by the National Symphony Orchestra of Washington.**

**Friday, Sept. 17, 2:30 to 5:30 p.m.: Medical sightseeing tours.**

### Scientific Program

The scientific program of the Congress will be held at the National Guard Armory from Monday, September 13 through Friday, September 17. Morning sessions are scheduled daily from 9:00 to 12:30 p.m. Afternoon sessions will be held from 2:00 to 5:30 p.m. every
day except Wednesday, Sept. 15 and Friday, Sept. 17 when medical tours are scheduled. Panels, symposia and special lectures will be held in the Main Auditorium. Simultaneous scientific sessions will be conducted in smaller rooms. The overall scientific program of the Congress is as follows:

**MONDAY MORNING SEPTEMBER 13**

**Main Auditorium, Room A**

**SESSION I: 9:00-10:30 A.M.**

International Cardiovascular Epidemiology
Paul D. White, Boston

**Symposium: Atherosclerosis**

*Chairman: Ancel Keys, Minneapolis*

Problems and Challenges of Population Comparisons. Ancel Keys, Minneapolis.


Analysis of 10,000 Postmortem Examinations in Japan. Noboru Kimura, Kyushu, Japan.

Arteriosclerotic Heart Disease Among the Bantu of Johannesburg, South Africa. J. Higginson, Johannesburg.


Clinical Surveys in Italy. Paul D. White, Boston.

**Discussion**

**INTERMISSION: 10:30-11:00 A.M.**

**SESSION II: 11:00-12:30 P.M.**

**Symposium: Other Cardiovascular Relationships**

*Chairman: Paul D. White, Boston*

Rheumatism. Vittorio Puddu, Rome.


Cardiovascular Syphilis. J. Earle Moore, Baltimore.

Cor Pulmonale. Gordon S. Myers, Boston.

Endomyocardial Disease of Unknown Cause. J. N. C. Davies, Ampula, Uganda, South Africa.

**Discussion**

**Simultaneous Scientific Sessions**

**ROOM B. Electrocardiography, I**

Electrocardiographic Changes following Biliary and Gastric Distention in Freshly Infarcted Unanesthetized Dogs. Samuel Bellet, Richard L. Wechsler, Paul Nemir, Allan Kaplan and George Meade, Philadelphia.

Intermittent Patterns of Preponderance in Electrocardiographic Tracings. Marcel Segers, Brussels.

Bilateral Bundle Branch Block. Mauricio B. Rosenbaum, Buenos Aires.


The Electrocardiographic Diagnosis of Right Ventricular Hypertrophy in Rheumatic Heart Disease. Richard Turner, Edinburgh.

Considerations Regarding the Genesis of the QRS Complex in Pulmonary Embolism. Alberto H. Guardo, Enrique Lopez, Mahela Molina and Francisco J. Romano, Buenos Aires.


Electrical Resistivity and Capacity of Living Body Tissues at Heart Signal Frequencies. Herman P. Schwan, Calvin F. Kay, Paul T. Bothwell and Elwood L. Foltz, Philadelphia.

**ROOM C. Drugs and Therapy, I**

Hypoproteinemina in Refractory Cardiac Edema. A. A. Fitzgerald Peel, Glasgow, Scotland.

Clinical Studies on Neriifolin. Jorge E. Bernal-Tirado and Julio C. Rico, Bogota, Colombia.

Long-Term Anticoagulant Therapy. William T. Foley, Irving S. Wright, Ellen McDevitt and Cecil Simmons, New York.

Nicotinic Acid in the Treatment of Cardiac-Respiratory Failure: Physiopathologic Bases and Clinical Experience. Luigi Condorelli and Pier Luigi Guidotti, Rome.

The Treatment of Incapacitated Euthyroid Cardiac Patients with Radioactive Iodine. Herrman L. Blumgart, A. Stone Freedberg and George S. Kurland, Boston.

The Action of Quinidine and Procainamide on the Excitability Conduction Rate and Refractory Period of Heart Tissue. Maria Isabel Rodriguez and Rafael Mendez, Mexico City.

Studies on Digitalis. Bernard Lown and Samuel A. Levine, Boston.

An Experimental Study of the Action of Sparteine on Auricular Flutter and Fibrillation. Rafael Mendez and Maria Isabel Rodriguez, Mexico City.

**ROOM 12W. Physiology, I**

The Metabolism of the Heart. Richard Bing, Birmingham, Alabama.


Effect of Tissue Extracts on Oxygen Consumption by Homogenized Myocardial Tissue. Janet M.
Lemley-Stone and George R. Meneely, Nashville, Tennessee.
Molding of Blood Vessels, Valves and Stenotic Lesions by Hydraulic Forces. Simon Rodbard, Chicago.
The Influence of Rapid Infusion of Isotonic Glucose on the Pulmonary and Renal Circulation in Normal Individuals and in Cases with Mitral Stenosis. Lars Werko, Jan Ek, Harje Bucht and Edvardas Varnauskas, Stockholm.
Hypothalamic Influences on Pulmonary Circulation. C. Bartorelli and G. Folli, Milan.
Experimental Unilateral Pulmonary Artery Occlusion in Humans. B. L. Brofman, Cleveland.

ROOM 27E. Occupational Cardiology and Rehabilitation

Occupational Outlook of Cardiases: Experience of the Cleveland Work Classification Clinic. Herman K. Hellerstein, Elaine Goldstone, T. William Moir and Norman Harris, Cleveland.
Rehabilitation of the Patient with Cardiovascular Disease—the Third Phase of Medical Care. Joseph G. Benton and Howard A. Rusk, New York.
Heart Disease and Industry, with Particular Reference to Workmen’s Compensation Cases. Meyer Texon, New York.
An Experiment in Interprofessional Group Conferences for Cardiac Program Personnel. Ruth Whittenmore, New Haven.
Flying Stress and Heart Disease. Ashton Graybiel, Pensacola, Florida.

Monday afternoon
September 13

Main Auditorium, Room A

SESSION III: 2:00–3:30 P.M.

Symposium: The Clinical Value of Instrumental Methods of Diagnosis in Congenital Heart Disease (to the Exclusion of X-ray and Electrocardiography)

Chairman: Andre Cournand, New York

The Relative and Absolute Value of These Methods in Congenital Lesions with Reduced Pulmonary Circulation. Maurice Campbell, London.
Use of Indicator Substances. Howard B. Burchell, Rochester, Minnesota.
Angiocinematography. F. Grosec-Bröckhoff, Bonn.
Angiocardiology in Two Planes and with Multiple Frames. John Lind, Stockholm.

INTERMISSION: 3:30–4:00 P.M.

SESSION IV: 4:00–5:30 P.M.

Panel: Congenital Heart Disease: Indications for and Results of Operations in Patent Ductus Arteriosus, Coarctation of the Aorta, Pure Pulmonic Stenosis and Tetralogy of Fallot

Chairman: Helen B. Taussig, Baltimore, Maryland
Co-Chairman: H. A. Snellen, Leiden, Netherlands
Assistant: Jorge Espino-Vela, Mexico City

Maurice Campbell, London
M. Durand, Paris
Stanley Gibson, Chicago
Rudolfo O. Kreutzer, Buenos Aires
Gustav Nylin, Stockholm

Simultaneous Scientific Sessions

ROOM B. Coronary Artery Disease

Masculine Differentiation Index in Coronary Disease.
The Work of the Heart at the Altitude of Bogota. Francisco Gnecco Mozo, Bogota, Colombia.

ROOM C. Drugs and Therapy, II

Paradoxical Effects from Nitroglycerine in the Treatment of Angina Pectoris. Henry I. Russek, Karl
F. Urbach and Burton L. Zohman, Staten Island, New York.
ACTH in Heart Disease: Its Paradoxical Effect on Sodium Excretion in Resistant Congestive Failure. F. R. Schem and A. A. Camara, Great Falls, Montana.
Cardiovascular Disturbances and Their Treatment in Modified Electrotherapy for Psychiatric Illness. William Hall Lewis, Jr., D. Jeanne Richardson and Lawrence H. Gahagan, New York.

ROOM 12W. Physiology, II
Studies on Ventricular Filling. N. M. Buckley and Eric Ogden, Columbus, Ohio.
Hepatic Rheography. J. Moniz de Bettencourt, Lisbon.

*John J. Bohrer, Minneapolis; Joseph F. Borg, St. Paul, Minnesota; Thomas J. Coogan, Chicago; George C. Griffith, Los Angeles; John W. Keys, Detroit; Edward Massie, St. Louis; William L. Mullins, Pittsburgh; Robert Page, Chicago; Thornton Scott, Lexington, Kentucky; Lawrence M. Serra, Baltimore; Charles A. L. Stephens, Tucson, Arizona.

ROOM 27E. Mitral Stenosis
The Results of Mitral Commissurotomy in 100 Cases with Preoperative Catheterization of the Heart. Ignacio Chavez, Manuel Vaquero and Felipe Mendoza, Mexico City.
A Technique for Pressure Measurements in the Left Atrium, Left Ventricle and Aorta. Viking Olov Bjork, Stockholm.

TUESDAY MORNING SEPTEMBER 14

Main Auditorium, Room A

SESSION I: 9:00-11:00 A.M.
Rheumatic Fever
Chairman: J. G. Fred Hiss, Syracuse, New York
Experimental Studies on the Nature and Origin of Fibrinoid
Lewis Thomas, Minneapolis

Panel: Diagnosis and Management of Rheumatic Fever and Rheumatic Heart Disease
Chairman: T. Duckett Jones, New York
Edward F. Bland, Boston
Charles H. Rammelkamp, Cleveland
John D. Keith, Toronto
David D. Rutstein, Boston

INTERMISSION: 11:00-11:30 A.M.

SESSION II: 11:30-12:30 P.M.

George Brown Memorial Lecture
Simultaneous Scientific Sessions

ROOM B. Pulmonary Heart Disease

Primary Pulmonary Hypertension. Lewis Dexter, Florence W. Haynes, Hiroshi Kuida, Murray Rabinowitz and Elliot Rapaport, Boston.


Compression of the Left Coronary Artery during Cor Pulmonale. Eliot Corday, Beverly Hills, California.


Hemodynamic Effects of Induced Systemic Hypotension upon Pulmonary Hypertension of Various Origins. Charles Lepine, Benito Carasso and Fernand Gregoire, Montreal.

Bilharzial Cor Pulmonale. M. Ibrahim and B. Girgis, Cairo.

ROOM C. Cardiovascular Surgery, I


Clinical Results of 500 Patients with Mitral Stenosis Undergoing Valvuloplasty. Lawrence B. Ellis and Dwight E. Harken, Boston.


Clinical Evaluation of the First 42 Patients with Severe Aortic Insufficiency, Treated with a Plastic Aortic Valve. C. A. Hufnagel, W. P. Harvey, J. P. Segal, R. Ari and P. Rabil, Washington, D. C.

The Results of Direct Operations on Pulmonary Stenosis in Fallot's Tetralogy. R. C. Brock, London.


ROOM 12W. Electrocardiography, II


Quantitative Exploration of the Electrical Field of the Heart. Pierre Rijlant, Brussels.


The Mechanism of the Preventive Action of Induced Hypothyroidism on Experimental Ventricular Arrhythmias of the Rat. Fernando F. Battle, Manuel Rene Malinow and Bernardo Malamud, Buenos Aires.

Ventricular Activation in Ventricular Extrasystoles. Alfonso Anselmi, Maria Isabel Rodriguez, and Demetrio Siddi-Pallares, Mexico City.


ROOM 27E. Atherosclerosis and Cerebrovascular Disease

Experimental Atherosclerosis. S. B. Andrus, G. V. Mann and F. J. Stare, Boston.

The Interrelationship of Diet and Hormones in Atherogenesis. Ruth Fleck, Jeremiah Stamler and Louis N. Katz, Chicago.


Neurocirculatory Asthenia and Subclinical Arachnoiditis Adhesiva Cerebrospinalis. Magojiro Maekawa, Kyoto, Japan.

Cheyne-Stokes Breathing and Its Relation to Heart...
Disease. James Hawley Currens, Rhett Talbert and Mandel E. Cohen, Boston.

TUESDAY AFTERNOON SEPTEMBER 14

Main Auditorium, Room A

SESSION III: 2:00-3:30 P.M.

Symposium: The Problems of Circulation
Chairman: George E. Burch, New Orleans
Co-Chairman: Grace M. Roth, Rochester, Minnesota


Factors which Determine the Rate of Venous Return to the Heart. Arthur C. Guyton, University, Mississippi.

3:30-3:45 P.M.

Paul White Prize Lecture of the Argentine Society of Cardiology


INTERMISSION: 3:45-4:00 P.M.

SESSION IV: 4:00-5:30 P.M.

Panel: The Treatment of Hypertension
Chairman: Eduardo Braun-Menendez, Buenos Aires
Co-Chairman: Irvine H. Page, Cleveland

Edgar V. Allen, Rochester, Minnesota
Stina Bjoerk, Uppsala, Sweden
George A. Perera, New York
Kenneth Shirley-Smith, London
F. Horace Smirk, Dunedin, New Zealand
Robert W. Wilkins, Boston

Simultaneous Scientific Sessions

ROOM B. Rheumatic Fever and Rheumatic Heart Disease, I

Histogenesis of Rheumatic Lesions. I. Costero, R. Barroso-Moguel and A. Chevez, Mexico City.
Eleetrocardiographic Studies in Active Rheumatic Fever. Luiz V. Decourt and Mateus Rorome Neto, Sao Paulo, Brazil.

A Post-Mortem Study of the Left Atrial Appendage in 14 Cases of Acute Rheumatic Fever with Special Reference to Aschoff Bodies. A. Castellanos, Jr., J. M. Calvino and F. Sala Panisello, Havana.

Rationale and Results of Hormone Therapy in Rheumatic Fever. Vincent C. Kelley, Robert S. Ely and Alan K. Done, Salt Lake City.

A Histopathological and Clinical Study of Cardiac Lesions in Patients Subjected to Mitral Commissurotomy; the Effect of Cortisone on Such Lesions. Javier Robles Gil, Hector Rodriguez and Juan Jose Ibarra, Mexico City.


ROOM C. Cardiovascular Surgery, II


The Results of Valvulotomy in Pulmonary Stenosis with a Closed Ventricular Septum. Maurice Campbell, London.


Treatment of Pulmonary Valvular Stenosis and of Tricuspid Stenosis with an Original Technique, Using a Modified Catheter. Victor Rubio and Rodolfo Limon Lason, Mexico City.

Inferior Vena Cava Ligation in Heart Failure: Experience of 5 Years in One Hundred Cases. J. Bernath, R. Guilemot, P. Samuel and R. Heim de Balsac, Paris.

An Analysis of Thromboembolic Data in 500 Cases of Mitral Stenosis: Preoperative State, Opera-
WEDNESDAY MORNING SEPTEMBER 15

Main Auditorium, Room A
SESSION I: 9:00-10:30 A.M.

Symposium: Blood Volume
Chairman: Gustav Nylin, Stockholm
Co-Chairman: Carl J. Wiggers, Cleveland

The Use of Different Dye Methods in Blood Volume Determinations. Ernst Wollheim, Würzburg, Germany.
Comparison Between Different Radioactive Labelling Techniques of Red Cell Volume. Seymour J. Gray, Boston.

INTERMISSION: 10:30-11:00 A.M.

SESSION II: 11:00-12:30 P.M.

Symposium: The Physiology of the Contractile Protein in Heart Muscle
Chairman: Maurice B. Visscher, Minneapolis

The Significance of the Newer Knowledge of Contractile Proteins to Cardiology. Richard J. Bing, Birmingham, Alabama.

Simultaneous Scientific Sessions

ROOM B. Rheumatic Fever and Rheumatic Heart Disease, II

The Role of the Mast Cell in the Reaction to Injury. Earl P. Benditt, Chicago.
Cardiac Lesions Induced by a Proteolytic Enzyme Isolated from Filtrates of Group A Streptococci. Aaron Kellner and Theodore Robertson, New York.
Clinical Course of Subcutaneous Nodules in Rheumatic Fever, and Its Significance in Relation to Treatment with ACTH and Cortisone. Benedict F. Massell and Alexander J. McDonald, Boston.

Recurrence of Rheumatic Fever Due to Commisurotomy. Y. Bouvrain, P. Fortin and M. Carmanian, Paris.


ROOM C. Cardiopulmonary Dynamics


The Practical Application of the Compression Chamber Theory in Cardiac Catheterization. R. Kuebel, Munster, Germany.


Oxygen Content of Pulmonary Artery Blood During the Respiratory and Cardiac Cycle in Patients with Intracardiac and Great Vessel Shunts in Relation to Possible Errors in Measurement of Pulmonary Flow. John T. Shepherd, Earl H. Wood and Howard B. Burchell, Rochester, Minnesota.


Intracardiac Pressure Recordings in Arrhythmic Heart Action. E. Boden, Dusseldorf.


ROOM 12W. Vectorcardiography


Vectorial Representation of Bundle Branch Block Patterns from Scalar Leads. P. Rochu, P. Nicolai and A. Jouve, Marseilles.


ROOM 27E. Congenital Heart Disease, I


At Which Stages of Human Development can the Origin of Congenital Heart Malformations be Located? J. Dankmeijer, Leiden, Netherlands.

The Genesis of Cyanosis in Eisenmenger's Complex. A. Agostini and G. Voci, Milan.

Pulmonary Tuberculosis Complicating Congenital Heart Disease with Reduced Pulmonary Blood Flow. S. D. Doff, Jacksonville, Florida.


Condorell's Test for the Diagnosis of Ventricular Septal Defect. A. Turchetti, Rome.


THURSDAY MORNING SEPTEMBER 16

Main Auditorium, Room A

SESSION I: 9:00-10:30 A.M.

Panel: Surgery of Congenital Heart Disease
Chairman: Alfred Blalock, Baltimore
Co-Chairman: Russell Brock, London

Jean Mathey, Paris
Robert Gross, Boston
Clemente Robles, Mexico City
J. F. Nuboer, Utrecht, Netherlands
C. Walton Lillihei, Minneapolis
INTERMISSION: 10:30-11:00 A.M.

SESSION II: 11:00-12:30 P.M.

Panel: Surgery of Non-Congenital Heart Disease
Chairman: Robert Gross, Boston
Co-Chairman: Samuel A. Levine, Boston
R. Heim de Balsac, Paris
Robert P. Glover, Philadelphia
Charles A. Hufnagel, Washington, D. C.
John C. Jones, Los Angeles
J. Kenneth Maddox, Sydney, Australia

Simultaneous Scientific Sessions

ROOM B. Peripheral Vascular Disease
Surgical Modification of the Ischemic Index. E. A. Otero and Manuel Rene Malinow, Buenos Aires
Observations on a Soluble Long-Acting 4-Hydroxy-coumarin. Shepard Shapiro, New York.


Responses of the Muscle Vessels to Temporary Arterial Occlusion in Normal and in Collateral Circulation. Joseph Lambert, Spa, Belgium.


Treatment with Digitalis for the Ischemic Muscle in Chronic Arterial Insufficiency. Luis Mendez, Mexico City.

ROOM C. Hypertension, I
Severe Cardiovascular Disease and Hypertension Induced in the Albino Rat with the Help of Obstetric Nephropathy. David Lehr, Jacob Churg, Constance Martin and Robert Milora, New York.


The Effect of Weight Reduction upon the Blood Pressure of Obese Hypertensive Patients. A. P. Fletcher, London.


The Treatment of Hypertension with Hexamethonium and Hydrgine. Francisco Rojas Villegas, Carlos Silva, Pablo Toledo, Alfredo Silva, Graiciela Vera and David Brailovsky, Santiago.


ROOM 12W. Heart Diseases of Uncommon Etiology, I


The Diagnosis of Papircaseus Auricle. J. M. Rivero Carvallo and M. H. Ramirez Jaime, Mexico City.


Idiopathic Recurrent Pericarditis: A Comparison with the Postcommissurotomy Syndrome and Consideration of Etiology and Treatment. William Dressler, New York.


ROOM 27E. Diagnostic Methods

Left Auricular Pulsations in Mitral Valve Disease. Vittorio Puddu, Rome.


The Valsalva Test in Mitral Stenosis. A. de Carvalho Azevedo, A. Alves de Carvalho, A. Ney Toledo and Robison Roubach, Rio de Janeiro.
Diagnosis of Tricuspid Insufficiency: Clinical Features in Sixty Cases with Associated Mitral Valve Disease. Gonzalo Sepulveda and Daniel S. Lukas, New York.


Correlation of Serial Cardiac Roentgenokymographic Patterns with the Clinical State in Myocardial Infarction. J. J. Sampson, B. Solomon, A. A. Goetz, Leland L. Felton and S. J. Axelrad, San Francisco.

ROOM F. Symposium: Vectorcardiography

9:00 A.M.—12:30 P.M.
Chairman: Pierre W. Duchosal, Geneva, Switzerland

Physical Foundation of Vectorcardiography. H. C. Burger, Utrecht, Netherlands.


Clinical Practice of Vectorcardiography. Andre Jouve, Marseilles.


THURSDAY AFTERNOON SEPTEMBER 16

Main Auditorium, Room A

2:00-2:15 P.M.
Memorial to Dr. Frank N. Wilson. Louis N. Katz, Chicago.

2:15-2:30 P.M.
Memorial to Dr. Willem Einthoven. H. A. Snellen, Leiden, Netherlands

SESSION III: 2:30-4:00 P.M.
Panel: Electrocardiography
Chairman: Louis N. Katz, Chicago
Co-Chairmen: Charles E. Kossmann, New York, George E. Burch, New Orleans

The Standard Electrocardiogram:
Max Holzmann, Zurich
Gordon B. Myers, Detroit
Vittorio Puddu, Rome
Marcel Segers, Brussels
Demetrio Sodi-Pallares, Mexico City
Gongers Williams, Boston

The Stereovectorcardiogram:
W. Den Boer, Utrecht, Netherlands
Pierre W. Duchosal, Geneva
Arthur Grishman, New York
Andre Jouve, Marseilles

J. B. Milovanovich, Paris
Louis Wolff, Boston

INTERMISSION: 4:00-4:15 P.M.

SESSION IV: 4:15-5:30 P.M.
Panel: Ballistocardiography
Chairman: Isaac Starr, Philadelphia
Benjamin Baker, Baltimore
Herbert R. Brown, Jr., Rochester, New York
Tinsley R. Harrison, Birmingham, Alabama
Harry Mandelbaum, Brooklyn, New York
John L. Nickerson, New York

Simultaneous Scientific Sessions

ROOM B. Hypertension, II


The Neurogenic Component in Hypertension. F. Horace Smirk and Austin E. Doyle, Dunedin, New Zealand.

The Thyroid in Experimental Renal Hypertension. Eduardo Braun-Menendez, Buenos Aires, Argentina.

The Effects of a Low Sodium Diet on the Chemical Composition of the Arterial Wall in Normal Rats and in Rats with Renal and Desoxycorticosterone Hypertension. Louis Tobian, Jr., Dallas.


ROOM C. Congenital Heart Disease, II

Pulmonary Diastolic Murmurs in Congenital Heart Disease. Arnold L. Johnson and Charlotte Ference, Montreal.


Hemodynamic Studies Following Closure of Atrial
Septal Defects. H. Goldberg and D. Downing, Philadelphia.

Five to Eight Year Follow-Up on the First 500 Blalock-Taussig Operations. Benjamin D. White, Dan G. McNamara, S. Richard Bauernfeld and Helen B. Taussig, Baltimore.


Results of Valvulotomy for Valvular Pulmonary Stenosis with Intact Ventricular Septum (Analysis of 78 Patients). Don M. Hosier, John L. Pitts and Helen B. Taussig, Baltimore.

ROOM 12W. Heart Diseases of Uncommon Etiology, II

Cardiovascular Allergy. Joseph Harkavy, New York.

Dissecting Aneurism Produced by Diet: Some Relations to Arachnodyctaly and Kyphoscoliosis. William B. Bean and I. V. Ponseti, Iowa City.

"Familial Myocarditis": A Review of Four Cases. Jorge Soberon Aavevedo, Rafael Jose Neri, Antonio Cepeda de la Pena and Luis Saenz Arroyo, Mexico City.


Post-Partum Congestive Heart Failure. Aaron B. Benchimol and Paul Schlesinger, Rio de Janeiro.


Thyrotoxicosis as the Sole Etiologic Factor of Heart Disease. Paul Schlesinger and Aaron B. Benchimol, Rio de Janeiro.

ROOM 22E. Phonocardiography and Auscultation


The First Heart Sound in Mitral Stenosis: A Phonocardiographic Study. Bernardo L. Fishleder, Charlotte Friedland and Gustavo Medrano, Mexico City.


FRIDAY SEPTEMBER 17

Main Auditorium, Room A

SESSION I: 9:00-10:30 A.M.

Symposium: Coronary Heart Disease

Chairman: Howard B. Sprague, Boston

Co-Chairman: Ramon Aizala, Havana

Diet and Coronary Disease. Ancel Keys, Minneapolis.

Experimental Studies of Atherosclerosis. George V. Mann, Boston.

Diagnosis of Coronary Heart Disease. D. Evan Bedford, London.


INTERMISSION: 10:30-11:00 A.M.

SESSION II: 11:00-12:00 noon

Charles Laubry Lecture

Leadership in Cardiology.

Sir John Parkinson, London.

12:00-12:30 P.M.

Closing Remarks:


Paul D. White, Boston.

Simultaneous Scientific Sessions

ROOM B. Subacute Bacterial Endocarditis


Two New Cases of Bacterial Endocarditis Caused by Klebsiella Pneumoniae (Friedlander’s Bacillus), with Successful Treatment of One Patient. James W. Cubertson and Isao Yamamoto, Iowa City.

Rheumatic Fever and Subacute Bacterial Endocarditis. Teodoro Cesarma, Guillermo Ibarra Ibarra, Rosario Barroso-Moguel and Mario Salazar Mallen, Mexico City.
Therapeutic Resistance in Subacute Bacterial Endocarditis. L. Trias De Bes, Barcelona.

Report on a Case of Subacute Bacterial Endocarditis Due to Streptococcus Viridans Resistant to Many Antibiotics but Sensitive to Erythromycin. Rafael Alazamor-Freundt, Aurelio Peralta, Roberto Delgada V., Pedro Moyano, Marcos Roitman, Carlos Solis, Rafael Reyna and Julio Morales S., Lima, Peru.


ROOM C. Diagnostic and Therapeutic Instruments (First Half A.M.)


The Left Auricular Oesophageal Piezocardiogram in the Diagnosis of Mitral Lesions. Robison Roubach, A. de Carvalho Azevedo, A. Ney Toledo and A. Alves de Carvalho, Rio de Janeiro.


Direct Writing Phonocardiography. Klaus Holldack, Heidelberg.

Pathology (Second Half A.M.)


Histological Study of Right Bundle Branch Block (Based on 48 Cases). Jean Lenegre, Paris.


ROOM 12W. Epidemiology

Incidence of Heart Disease in Guatemala: Preliminary Study. Jorge A. Fernandez Mendia, Guatemala, City.

The Pathology of Endomyocardial Fibrosis J. N. P. Davies, Kampala, Uganda, East Africa.


ROOM 27E. X-Ray and Angiocardiography

Anomalous Drainage of Pulmonary Veins: Clinical, Physiologic and Angiographic Features. Israel Steinberg, Gonzalo Sepulveda and Daniel S. Lukas, New York.

The Roentgenologic Diagnosis of Pulmonary Hypertension in Mitral Stenosis. John B. Schwedel, Dennis Young, Doris W. Escher and Robert Aaron, New York.

Pulmonary Circulation in Cardiac and Respiratory Diseases as Studied by Selective Pulmonary Angiography. W. Bolt, H. W. Knippling and H. Rink, Cologne.

X-Ray Symptoms of the Left Atrium. Narno Dorbecker and Susano Aranda, Mexico City.

Visualization of Intracardiac Calcification by Planigraphy. Jacob Zatuchni, Louis A. Soloff and Herbert Fisher, Philadelphia.


Registration and Fees

All those who are planning to participate are urged to submit their applications at the earliest possible date. Any physician who is interested may attend the Congress by filling out and sending in the application blank and paying the required registration fee. Detailed information concerning the Congress and application blanks are available from the Secretary-General, L. W. Gorham, M.D., Second World Congress of Cardiology, % American Heart Association at 44 East 23rd Street, New York 10.

A registration fee of $25.00 has been established for the combined World Congress and Scientific Sessions. Although it has been customary in previous years to waive registration fees for professional members of the American
Heart Association attending the Annual Scientific Sessions, the heavy expenses entailed by the enlarged and integrated sessions of the forthcoming Congress and the many events associated with an international meeting of this kind require that a fee be charged this year. The $25.00 fee entitles members to attend all scientific sessions, the opening reception, formal banquet and other social events planned for Congress delegates, the exhibits and special sightseeing tours to medical installations in Washington and its environs. Also included are the printed program, directory of registrants, Congressional badge and other items.

Associate membership (wives and family) has been arranged at a cost of $15.00. It will include all privileges mentioned above except the printed program. A schedule of reduced fees has been provided for limited attendance by physicians and for attendance by such groups as medical students, interns and nurses.

Exhibits

Scientific and industrial exhibits have been planned for the Congress, as well as a motion picture program of professional and scientific films on cardiovascular subjects.

SECTION ON CIRCULATION

In addition to presenting the George Brown Lecture of the A.H.A. on Tuesday morning, September 14, at the Second World Congress of Cardiology, and a Tuesday afternoon program, both in the Main Auditorium of the National Guard Armory, the Section on Circulation of the Scientific Council has arranged several special events.

The Executive Committee of the Section on Circulation will hold a dinner meeting on Monday evening, September 13, at the Shoreham Hotel. The Annual Dinner of the Section will be held on Wednesday evening, September 15, also at the Shoreham Hotel. A special Scientific Program will be held on Monday morning, September 13, at 9:30 A.M. The papers to be presented are as follows:


OTHER SPECIAL MEETINGS

International Society of Cardiology

Council, Mayflower Hotel, Saturday, Sept. 11, 7:30 p.m.
Council, Mayflower Hotel, Sunday, Sept. 12, 5 p.m.
Assembly, National Guard Armory, Monday, Sept. 13, 12:30 p.m.
Assembly, National Guard Armory, Wednesday, Sept. 15, 12:30 p.m.
American Heart Association

Committee on Clinics, Mayflower Hotel, Wednesday, Sept. 15, 3:30-5:30 p.m.
Executive Committee, Section on Clinical Cardiology, Dinner Meeting, Mayflower Hotel, Wednesday, Sept. 15, 7:30 p.m.
Clinical Advisory Committee, Section on Cardiovascular Surgery, Luncheon Meeting, Mayflower Hotel, Thursday, Sept. 16, 1:30.

MEETINGS

Sept. 6: American Society of Clinical Pathologists, Washington, D. C.; C. G. Culbertson, Secretary, 1040 W. Michigan Street, Indianapolis, Ind.
Sept. 6-10: International Congress of Clinical Pathology; Washington, D. C.; Dr. Robert A. Moore, Chairman, Committee on Arrangements, Washington University School of Medicine, St. Louis 10, Mo.
Sept. 9-10: Vermont Heart Association and University of Vermont College of Medicine Seminar on Cardiac Arrhythmias; Burlington, Vt.; E. Lepeschkin, M.D., University of Vermont College of Medicine, Burlington, Vt.
Sept. 11: Vermont Heart Association and University of Vermont College of Medicine Symposium on the Wave of the Electrocardiogram; Burlington, Vt.; E. Lepeschkin, M.D., University of Vermont College of Medicine, Burlington, Vt.
Sept. 26-Oct. 2: World Medical Association; Rome, Italy; Louis H. Bauer, Secretary, 345 East 46th Street, New York 17, N. Y.
Oct. 22-23: Annual Meeting and Scientific Program, Council for High Blood Pressure Research, American Heart Association, Cleveland; Irving S. Wright, M.D., Chairman, Program Committee; % American Heart Association, 44 East 23rd St., New York 10.
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CONTENTS

ISOLATED VALVULAR PULMONIC STENOSIS. CLINICAL AND PHYSIOLOGIC RESPONSE TO OPEN VALVULOPLASTY
S. Gilbert Blount, Jr., Malcolm C. McCord, Helmut Mueller, and Henry Swan
161

ANTIBIOTIC THERAPY OF BACTERIAL ENDOCARDITIS. VI. SUBACUTE ENTEROCOCCAL ENDOCARDITIS: CLINICAL, PATHOLOGIC AND THERAPEUTIC CONSIDERATION OF 33 CASES
Joseph E. Geraci and William J. Martin
173

THE DYNAMICS OF THE HEART IN COMPLETE A-V BLOCK, AN ANGIOCARDIOGRAPHIC STUDY
John Lind, Carl Wegelius, and Henrik Lichtenstein
195

LOWERINg OF SERUM CHOLESTEROL BY THE ADMINISTRATION OF A PLANT STEROL
Maurice M. Best, Charles H. Duncan, Edward J. Van Loon, and Joan D. Wathen
201

THE CLINICAL DETERMINATION OF MITRAL INSUFFICIENCY WHEN ASSOCIATED WITH MITRAL STENOSIS
207

ANTICOAGULANT THERAPY WITH DICUMAROL MAINTAINED DURING MAJOR SURGERY
Sten Mällertz and Ole Storm
213

ATRIAL Rupture OF THE HEART. REPORT OF Case FOLLOWING ATRIAL INFARCTION AND SUMMARY OF 79 Cases COLLECTED FROM THE LITERATURE
Robert M. Kohn, Raymond Harris, and L. Whittington Gorham
221

PERSISTENT SUPRAVENTRICULAR TACHYCARDIA. CASE REPORT WITH REVIEW OF LITERATURE
Norman Shachnov, Stanley Spellman, and Ira Rubin
232

EFFECTS OF CORTISONE, HYDROCORTISONE AND CORTICOTROPIN ON LIPEMIA, GLYCEMIA AND Atherogenesis IN Cholesterol-Fed Chicks
Jeremiah Stamler, Ruth Pick, and Louis N. Katz
237

ESTROGEN PROPHYLAXIS OF CHOLESTEROL-INDUCED CORONARY Atherogenesis IN Chicks GIVEN Adrenal Corticoids OR ACTH
Jeremiah Stamler, Ruth Pick, and Louis N. Katz
247

INHIBITION OF CHOLESTEROL-INDUCED CORONARY Atherogenesis IN THE Egg-Producing Hen
Jeremiah Stamler, Ruth Pick, and Louis N. Katz
251

PROLONGED OBSERVATIONS OF THE CARDIOVASCULAR STATUS IN ESSENTIAL HYPERLIPEMIA: WITH SPECIAL REFERENCE TO SERUM LIPID RESPONSE TO HEPARIN
Alfred Soffer and Martin Murray
255

A COMPARISON OF THE CEREBRAL HEMODYNAMIC RESPONSE TO ARAMINE AND NOREPINEPHRINE IN THE NORMOTENSIVE AND THE HYPTENOTENSIVE SUBJECT
John H. Moyer, George Morris, and Harvey Snyder
265

THE RELATION BETWEEN BLOOD ORGANIC ACID SOLUBLE PHOSPHATE FRACTIONS, CITRIC ACID, PROTEIN FRACTIONS, AND LIPID FRACTIONS IN ATHEROSCLEROTIC HEART DISEASES AND IN LIPEMIAS
Sidney P. Gottfried, Nathan H. Friedman, Irving B. Akerson, Russell H. Pope, and Salvatore Di Mauro
271

CLINICAL METHOD OF PHOTOGRAPHING THE SMALLER BLOOD VESSELS AND THE CIRCULATING BLOOD IN THE BULBAR CONJUNCTIVA OF HUMAN SUBJECTS
Jórn Ditzel, and Richard W. St. Clair
277

CLINICAL PROGRESS. SYNDROME OF SHORT P-R INTERVAL WITH ABNORMAL QRS COMPLEXES AND PAROXYSMAL TACHYCARDIA (WOLFF-PARKINSON-WHITE SYNDROME)
Louis Wolff
282

ABSTRACTS
292

AMERICAN HEART ASSOCIATION
308