SYMPOSIUM ON ANGIOTENSIN

CONTENTS

Presence of Renin in Plasma of Patients with Arterial Hypertension.
Oscar M. Helmer.
Chemistry of Synthetic Angiotensin. R. Schwyzer.
Importance of Amino Acid Side Groups for Biologic Activity of Angiotensin II. F. M. Bumpus and R. R. Smeby.
Relationship of Juxtaglomerular Apparatus to Renin and Angiotensin. Louis Tobian.
Some Contributions to the Pharmacology of Synthetic Angiotensin. F. Gross and K. D. Bock.
Interrelationships between Angiotensin, Norepinephrine, Epinephrine, Aldosterone Secretion, and Electrolyte Metabolism in Man. John H. Laragh.
Genetic Control of Neutralization of Angiotensin and Its Relationship to Essential Hypertension. J. Edwin Wood.
Comparison of Direct Effects of Angiotensin and Other Vasoactive Agents on Small and Large Blood Vessels in Several Vascular Beds. Francis J. Haddy, Joyce I. Molnar, Craig W. Borden, and E. Clinton Texter, Jr.
Hemodynamics of Angiotensin in Man. Frank A. Finnerty, Jr.
Angiotensin Skin Tests. Benjamin Jablons.
CONTENTS

Special Article: Factors Modifying the Contours of Indicator-Dilution Curves. Robert J. Marshall........................................... 123


Mechanism of Ventricular Fibrillation in Hypothermia. Benjamin G. Covino and Henry E. D'Amato........................................... 148

Inhibition of the Vasomotor System of the Anesthetized Dog by Epinephrine and Norepinephrine. James J. Jones........................................... 156

On the Mechanism of Thrombolysis by Plasmin. Clara M. Ambrus, Nathan Back, and Julian L. Ambrus........................................... 161

Hemodynamics in Normal Cattle. John T. Reeves, Robert F. Grover, Donald H. Will, and Archibald F. Alexander........................................... 166

High Altitude-Induced Pulmonary Hypertension in Normal Cattle. Donald H. Will, Archibald F. Alexander, John T. Reeves, and Robert F. Grover........................................... 172

Acute Effects of Cardiac Glycosides on Aldosterone Secretion in Dogs with Hyperaldosteronism Secondary to Chronic Right Heart Failure. Charles C. J. Carpenter, James O. Davis, Charles R. Wallace, and William F. Hamilton........................................... 178

Decrease of Venous Return Caused by Right Atrial Pulsation. Arthur C. Guyton, Jimmy B. Langston, and Oliver Carrier, Jr........................................... 188

Circulatory Dynamics and the Effects of Respiration During Ventricular Asystole in Dogs with Complete Heart Block. Madison S. Spach and Emile M. Scarpelli........................................... 197

Respiratory Mechanics During Ventricular Asystole in Dogs with Complete Heart Block. Emile M. Scarpelli and Madison S. Spach........................................... 208

Influence of Catheter Tip Position on Pulmonary Wedge Pressures. A. L. Loomis Bell, Jr., William F. Haynes, Jr., Seiichi Shimomura, and Donald P. Dallas........................................... 215

First Derivative of the Electrocardiogram. Paul H. Langner, Jr., and David B. Geselowitz........................................... 220


Effects of Dopamine in Man. David Horwitz, Samuel M. Fox, III, and Leon I. Goldberg........................................... 237

News from the American Heart Association........................................... 244

Contributors to this Issue........................................... 247