Original Articles:

Goldblatt Memorial Lecture: Part I. Experimental Renovascular Hypertension
A. Clifford Barger .................................................. 447

Goldblatt Memorial Lecture: Part II. The Role of the Kidney in Hypertension
Norman M. Kaplan .................................................. 456

The Effect of SQ14,225 on Systolic Blood Pressure and Urinary Excretion of Vasopressin in the Developing Spontaneously Hypertensive Rat
Joan T. Crofton, Leonard Share, and Zola P. Horovitz .................. 462

Pathophysiology of Hypertension in Blacks and Whites. A Review of the Basis of Racial Blood Pressure Differences
Richard F. Gillum .................................................. 468

Responses to Volume Expansion and Contraction in Categorized Hypertensive and Normoten-
sive Man
Clarence E. Grim, Friedrich C. Luft, Naomi S. Fineberg, and Myron H. Weinberger ........ 476

Cardiovascular Hypertrophy and “Waterlogging” in Coarctation Hypertension. Role of Sympathoadrenergic Influences and Pressure
Henry W. Overbeck .................................................. 486

Association of Blood Groups with Essential and Secondary Hypertension. A Possible Association of the MNS System
Judy Z. Miller, Clarence E. Grim, P. M. Conneally, and Myron H. Weinberger ............ 493

Chronic Hypothalamic Stimulation in Awake Rats Fails to Induce Hypertension
Ruben D. Bunag, and Elinor Riley .................................. 498

Central Hemodynamics in the Developmental Stage of Spontaneous Hypertension in the Unanesthetized Rat
Thomas L. Smith, and Phillip M. Hutchins ................................ 508

Mitrval Valve Prolapse and Borderline Hypertension
Jose G. R. DeCarvalho, Franz H. Messerli, and Edward D. Frohlich ......................... 518

Studies on Renin Activation in Normal Human Plasma
Peter Eggema, Jack D. Barrett, Charles E. Wiedman, and Mohinder P. Sambhi ........... 523

Can Overnight Urine Replace 24-Hour Urine Collection to Assess Salt Intake?
Kiang Liu, Alan R. Dyar, Richard S. Cooper, Rose Stamler, and Jeremiah Stamler .... 529

Estimating Compliance with Diuretic Therapy: Urinary Hydrochlorothiazide-Creatinine Ratios in Normal Subjects
Robert H. Hodge, Susan S. Lynch, John P. Davison, James G. Knight, Judy A. Sinn, and Robert M. Carey ........................................ 537

Case Report:

Symtomatic Sick Sinus Syndrome due to Guanethidine
Jacob Rowe, and Mayer M. Bassan .................................. 543

Special Report:

Review of the WHO Expert Committee Report on Arterial Hypertension
Edward D. Frohlich .................................................. 547

News from the American Heart Association .................................. 549A