THE AMERICAN JOURNAL OF Clinical Nutrition

CONTENTS OF VOLUME 4

January-February 1956

ESTIMATION OF CALORIC INTAKE FROM DIETARY HISTORIES AMONG POPULATION GROUPS
Frederick H. Epstein, Ruth Carol, and Rita Simpson

RELATIONS BETWEEN DIET AND ATHEROSCLEROSIS AMONG A WORKING POPULATION OF DIFFERENT ETHNIC ORIGINS
Frederick H. Epstein, Rita Simpson, and Ernst P. Boas

THE DEGREE OF MASCULINE DIFFERENTIATION OF OBESITIES: A FACTOR DETERMINING PREDISPOSITION TO DIABETES, ATHEROSCLEROSIS, GOUT, AND URIC CALCULUS DISEASE
Jean Yague

ESTIMATION OF THE PROPORTION OF FAT IN THE BODY BY MEASUREMENT OF SKIN-FOLD THICKNESS
D. A. W. Edwards

RELATIVE IMPORTANCE OF INACTIVITY AND OVEREATING IN THE ENERGY BALANCE OF OBSESE HIGH SCHOOL GIRLS
Mary Louise Johnson, Bertha S. Burke, and J. Mayer

METABOLISM IN SURGICAL PATIENTS. I. NITROGEN METABOLISM IN TOTALLY GASTRECTOMIZED PATIENTS
Morton K. Schwartz, Oscar Bodansky, and Henry T. Randall

METABOLISM IN SURGICAL PATIENTS. II. FAT AND MINERAL METABOLISM IN TOTALLY GASTRECTOMIZED PATIENTS
Morton K. Schwartz, Oscar Bodansky, and Henry T. Randall

CLINICAL USE OF SORBITOL AS A SWEETENING AGENT IN DIABETES MELLITUS
Charles R. Shuman, Robert L. Kemp, Richard Coyne, and Michael G. Wohl

THE DISTRIBUTION OF VITAMIN A IN CELLS OF NORMAL AND PATHOLOGIC HUMAN LIVERS
R. F. Krause and P. L. Sanders

THE EFFECT OF NUTRITIONAL DEFICIENCY ON THE FITRESSIN-INACTIVATING ABILITY OF THE LIVER
K. Guggenheim

LETTERS TO THE EDITOR: THE CLAIM OF "LACK OF EFFECT OF HIGH FAT INTAKE ON SERUM LIPID LEVELS" COMMENT
Ancel Keys

NUTRITION NEWS
George V. Mann

NUTRITIONAL QUOTES

REVIEWS OF RECENT BOOKS

ABSTRACTS OF CURRENT LITERATURE: NUTRITION SURVEYS; PEDIATRIC NUTRITION; STEATORRHEA; NUTRITION AND SMALL INTESTINE FUNCTION; ANEMIA; GROWTH-PROMOTING FACTORS; VITAMIN E; METABOLIC ASPECTS OF STRESS; ITEMS OF GENERAL INTEREST

March-April 1956

THE EFFECTS OF NUTRITIONAL DEFICIENCY ON THE HEART: A REVIEW
Richard H. Follis, Jr.

SERUM CHOLESTEROL CONCENTRATION IN NEW-BORN AFRICAN AND EUROPEAN INFANTS AND THEIR MOTHERS
J. Bersohn and S. Wayburne

INTESTINAL ABSORPTION AND HEPATIC UPTAKE OF RADIOACTIVE VITAMIN B12 IN VARIOUS AGE GROUPS AND THE EFFECT OF INTRINSIC FACTOR PREPARATIONS
George B. Jerzy Glass, A. Allen Goldblum, Linn J. Boyd, Roger Laughton, Sidney Rosen, and Marilyn Rich

APPLICATIONS OF THE URINARY TRACER TEST (OF SCHILLING) AS AN INDEX OF VITAMIN B12 ABSORPTION
Edward H. Reisner, Jr., Jack P. Gilbert, Charles Rosenblum, and Mary C. Morgan

THE URINARY EXCRETION TEST FOR ABSORPTION OF VITAMIN B12: I. REPRODUCIBILITY OF RESULTS AND AGewise VARIATION
Bacon F. Chow, Jack P. Gilbert, Kunio Okuda, and Charles Rosenblum

709
THE URINARY EXCRETION TEST FOR ABSORPTION OF VITAMIN B12

II. EFFECT OF CRUDE AND PURIFIED INTRINSIC FACTOR PREPARATION

STUDIES OF NIAIN REQUIREMENT IN MAN. III. COMPARATIVE EFFECTS OF DIETS CONTAINING LIME-TREATED AND UNTREATED CORN IN THE PRODUCTION OF EXPERIMENTAL PELLAGRA

LYSINE AND TRYPTOPHAN CONTENT OF PROTEINS AND THEIR UTILIZATION FOR HUMAN GROWTH

RELATION BETWEEN CALORIC INTAKE, BODY WEIGHT, AND PHYSICAL WORK: STUDIES IN AN INDUSTRIAL MALE POPULATION IN WEST BENGAL

EDITORIALS: ARE THE OBSESE METABOLICALLY DIFFERENT?

EUTHYROID

DIET THERAPY: DEVELOPMENT AND ROLE OF A FOOD CLINIC

NUTRITION NEWS

NUTRITION BRIEFS

NUTRITIONAL QUOTES

REVIEWS OF RECENT BOOKS

ABSTRACTS OF CURRENT LITERATURE: PROTEIN NUTRITION; THINNESS AND UNDERNUTRITION; SODIUM AND CARDIOVASCULAR DISEASE; VICKETS, VITAMIN D, AND CALCIUM; THIAMINE METABOLISM; FLUORINE—ESSENTIAL TRACE ELEMENT?; IODINE DEFICIENCY; ITEMS OF GENERAL INTEREST

May-June 1956

THE CRITICAL WORLD FOOD SITUATION

THE EFFECTS OF SUPPLEMENTARY CALORIES ON NITROGEN STORAGE AT HIGH INTAKES OF PROTEIN IN PATIENTS WITH CHRONIC LIVER DISEASE

THE PREVALENCE AND INCIDENCE OF OBESITY IN A CROSS-SECTION OF ELEMENTARY AND SECONDARY SCHOOL CHILDREN

DIETARY INTAKE AND SOCIAL CHARACTERISTICS

HIGH FLUORIDE CONTENT OF TEETH FROM COMMUNITIES WITH LOW FLUORIDE WATER SUPPLIES

METHODS FOR PREPARING DIETS LOW IN SODIUM AND HIGH IN PROTEIN

NUTRITIONAL STATUS OF SELECTED ADOLESCENT CHILDREN

OBSERVATIONS ON THE URINARY EXCRETION OF THIOCTIC ACID

EFFECT OF FOOD INTAKE ON AMINO ACIDS IN HUMAN PLASMA

THE EFFECT OF ORAL DEXTRAN ON BLOOD GLUCOSE

DENTAL SURVEY OF SELECTED THAI CHILDREN: NUTRITIONAL OBSERVATIONS

LETTERS TO THE EDITOR: EFFECT OF A SYNTHETIC TRIGLYCERIDE ON LIPID METABOLISM

THE ROLE OF AMINO ACIDS IN KWASHIORKOR

DIET THERAPY: FIBER IN THE DIET

ODBITUARY: HAROLD RUSSELL SANDSTEAD

NUTRITION NEWS

NUTRITION BRIEFS

NUTRITIONAL QUOTES
July-August 1956

SYMPOSIUM ON THE ROLE OF SOME OF THE NEWER VITAMINS IN HUMAN METABOLISM AND NUTRITION:
INTRODUCTION
IN MEMORIAM/DR. JAMES FLEECE RINEHART, 1901–1955
VITAMIN B6 DEFICIENCY IN THE RHESUS MONKEY WITH PARTICULAR REFERENCE TO THE OCCURRENCE OF Atherosclerosis, Dental Caries, and Hepatic Cirrhosis
NEUROCHEMICAL ASPECTS OF PYRIDOXINE METABOLISM AND FUNCTION
THE NEUROPATHOLOGY OF EXPERIMENTAL VITAMIN B6 DEFICIENCY IN MONKEYS
EFFECTS OF VITAMIN B6 ON THE CENTRAL NERVOUS ACTIVITY IN CHILDHOOD
SOME METABOLIC EFFECTS OF VITAMIN B6 IN VIVO
EVIDENCE FOR ABNORMAL VITAMIN B6 METABOLISM IN PREGNANCY AND VARIOUS DISEASE STATES
THE METABOLISM OF VITAMIN B6 IN HUMAN BEINGS
NUTRITIONAL MUSCULAR DYSTROPHY IN MONKEYS RECEIVING A DIET DEFICIENT IN BOTH VITAMINS B6 AND E
SOME STUDIES OF TOCOPHEROL IN INFANTS AND CHILDREN
SOME STUDIES OF TOCOPHEROL DEFICIENCY IN INFANTS AND CHILDREN. III. RELATION OF BLOOD CATALASE ACTIVITY AND OTHER FACTORS TO HEMOLYSIS OF Erythrocytes in Hydrogen Peroxide
ALPHA-TOCOPHYDROQUINONE AND MUSCLE DYSTROPHY
EFFECTS OF LIMITED TOCOPHEROL INTAKE IN MAN WITH RELATIONSHIPS TO Erythrocyte Hemolysis and Lipid Oxidations
STUDIES OF PANTOTHENIC ACID METABOLISM
EFFECT OF AN ELIXIR ON THE ABSORPTION OF VITAMIN B12 BY HEALTHY YOUNG AND OLD SUBJECTS
VITAMIN B12 SERUM LEVEL AND PREGNANCY
NUTRITION NEWS
REVIEWS OF RECENT BOOKS
ABSTRACTS OF CURRENT LITERATURE: ARTERIOSCLEROSIS: NUTRITIONAL CONSIDERATIONS; NUTRITION AND PREGNANCY; IRON METABOLISM; THE ACTION OF VITAMIN K; THE PANCREAS AND LIPIDS; PERNICIOUS ANEMIA AND VITAMIN B12; ITEMS OF GENERAL INTEREST

September-October 1956

SYMPOSIUM ON NUTRITION AND THE KIDNEY: INTRODUCTION
THE EFFECTS OF DIET ON RENAL FUNCTION IN HEALTHY MEN
NUTRITIONAL ASPECTS OF ACUTE GLомерULONEPHRITIS
DIETARY TREATMENT IN ACUTE ANURIA
NUTRITION IN CHRONIC RENAL FAILURE

REVIEWS OF RECENT BOOKS
ABSTRACTS OF CURRENT LITERATURE: DИETARY MANAGEMENT OF PEPTIC ULCER; KWASHIORKOR AND PROTEIN MALNUTRITION; ALCOHOL AND NUTRITION; MILK AND LACTATION; VITAMIN C: INTAKE, SERUM LEVELS, ACTIONS; ITEMS OF GENERAL INTEREST
NUTRITION AND THE NEPHROTIC SYNDROME IN ADULTS

KALIOPENIC NEPHROPATHY

RENAL FUNCTION IN SCURVY

RENAL LESIONS IN KWASHIOKROR

OBSERVATIONS ON THE RENAL DEFENSE OF BODY COMPOSITION IN CHILDREN

CALCIUM AND THE KIDNEY

EDITORIALS: A WELL-DESERVED TRIBUTE
ROBERT R. WILLIAMS: A TRIBUTE
TRIBUTE TO DR. ROBERT R. WILLIAMS

NUTRITION NEWS

NUTRITION BRIEFS

NUTRITIONAL QUOTES

REVIEWS OF RECENT BOOKS

ABSTRACTS OF CURRENT LITERATURE: Niacin Requirements and Metabolism; Nutritional Problems Involving the Gastrointestinal Tract

November-December 1956

VITAMIN E. DEFICIENCY IN MAN: BIOCHEMICAL EVIDENCE IN A PATIENT WITH XANTHOMATOUS BILIARY CIRRHOSIS

HYPERVITAMINOSIS A. EXPERIMENTAL INDUCTION IN THE HUMAN SUBJECT

ABSORPTION OF IRON FROM THE GASTROINTESTINAL TRACT

PYRUVATE METABOLISM IN OBESITY

THE CARE AND NUTRITION OF A PATIENT IN PROLONGED COMA

THE NUTRITION OF THE ISOLATED VERTEBRATE CELL

A CONCEPT OF OPTIMAL NUTRITION

SOME RECENT DEVELOPMENTS IN ORAL FEEDINGS FOR OPTIMAL NUTRITION IN BURNS

THE DIAGNOSIS OF MALNUTRITION IN WELL-NOURISHED COMMUNITIES

THE RELATIONSHIP BETWEEN POTASSIUM UTILIZATION AND NITROGEN BALANCE

OPTIMAL NUTRITION CORRELATED WITH NITROGEN RETENTION

POSTABSORPTIVE UNDULATIONS AND OSCILLATIONS IN BLOOD GLUCOSE

EDITORIAL: ANTIBIOTICS PLUS?

REVIEWS OF RECENT BOOKS

ABSTRACTS OF CURRENT LITERATURE: ENERGY REQUIREMENTS IN MAN; NUTRITION PROJECTS AND SURVEYS; PYRIDOXINE; THE SPURGE SYNDROME; CARBOHYDRATE METABOLISM; NEW STUDIES ON SERUM LIPIDS; ITEMS OF GENERAL INTEREST

TABLE OF CONTENTS, VOLUME 4

INDEX, VOLUME 4