LETTER FROM THE EDITOR

ARTICLES

CHANGES IN LUNG SCAN PATTERN RELATED TO FREE
FLUID AND CARDIAC POSITION
W. F. Partlow and K. R. McCormack ............................... 2

RETENTION OF $^{113m}$In$^{59}$Fe-FERRIC HYDROXIDE IN THE
MOUSE
and G. A. Bruno .................................................. 5

$^{125}$I FOR MEASURING THE RADIOIODINE UPTAKE
OF THE THYROID
F. David Rollo ...................................................... 8

DETERMINATION OF SPECIFIC ACTIVITY OF $^{32}$P-LABELED
COMPOUNDS USING CERENKOV COUNTING
Peter B. Schneider ................................................ 14

THE SIGNIFICANCE OF THE TOTAL-BODY HEMATOCRIT
IN MEASUREMENTS OF BLOOD COMPARTMENTS
Karl A. Kirsch, Raleigh F. Johnson and Ralph J. Gorten .......... 17

CONCISE COMMUNICATIONS

TECHNETIUM-LABELED RED BLOOD CELLS
W. Eckelman, P. Richards, W. Hauser and H. Atkins ............ 22

USE OF LITHIUM-DRIFTED GERMANIUM DETECTORS
FOR CLINICAL RADIONUCLIDE SCANNING
Paul B. Hoffer, Robert N. Beck, Nicholas Lembares, Donald B.
Charleston, and Alexander Gottschalk ................................ 25

TRANSIENT HEPATIC DEPOSITION OF IRON IN PRIMARY
HEMOCHROMATOSIS WITH IRON DEFICIENCY
FOLLOWING VENESECTION
M. Pollycove, R. A. Fawwaz and H. S. Winchell .................. 28

SURVIVAL OF $^{56}$Cr-LABELED ERYTHROCYTES AS STUDIED
BY INSTRUMENTAL ACTIVATION ANALYSIS
Chester A. Glomski, Sivansankar K. K. Pillay and Robert E. Hagle .... 31
UPTAKE STUDIES IN CANINE ABDOMINAL ORGANS FOLLOWING ⁷⁵Se-SELENO METHIONINE ADMINISTRATION BY A VARIETY OF INTRAVASCULAR INJECTION TECHNIQUES
Edward A. Kupic, Albert G. Kasenter and Clinton D. Janney ............ 35

CASE REPORTS

EARLY VISUALIZATION OF ⁹⁹ᵐTc-PERTECHNETATE IN METASTATIC THYROID CANCER IN A PATIENT WITH GRAVES' DISEASE
H. A. Carr, T. E. Temple and E. V. Staab ......................... 40

URETERAL KINKING AND HYDRONEPHROSIS IN A TRANSPLANTED KIDNEY MIMICKING THE REJECTION PHENOMENON

AN UNUSUAL SCAN IN CEREBRAL INFARCTION
B. Rothfield ............................................. 47

CALENDAR 50

PLACEMENT xxii

EDITORIAL COMMUNICATIONS. All editorial correspondence should be sent to the Editor, Belton A. Burrows, M.D., 720 Harrison Ave., Boston, Mass. 02118, Phone 617-262-4474. Books and monographs covering the use of nuclear phenomena in the diagnosis and treatment of disease and allied fields will be reviewed as space is available. Send copies to the Editor at the address above.

BUSINESS COMMUNICATIONS. Send all correspondence concerning business (advertising, subscriptions, change of address, etc.) to the publisher, Society of Nuclear Medicine, 211 E. 43rd St., New York 10017, Phone 212-687-9169. Advertising rates are available from the publisher. Advertising is accepted subject to approval by an editorial committee. Forms close on the 20th of the second month preceding date of issue.

January, 1971, Vol. 12, No. 1. Second class postage paid at New York, N.Y., and at additional mailing offices. Subscription rates are $30 per year within the United States; $31 in Canada and South and Central America; $35 elsewhere (includes air mail postage). Student subscription $18. Single copies $3; foreign $3.25; convention issue (June), $5. Subscriptions on a calendar-year basis. Remittances should be made by check, draft, post office or express money order, made payable to Society of Nuclear Medicine. Notify the Society of change of address at least 30 days before date of issue by sending both the old and new address.