

EDITORIAL 385

ARTICLES

CLINICAL EVALUATION OF RADIOLABELED BLEOMYCIN (BLEO) FOR TUMOR DETECTION
 Robert B. Grove, Richard C. Reba, William C. Eckelman, and Margaret Goodyear 386

USE OF ^{99m}Tc-DTPA FOR MEASURING GASTRIC EMPTYING TIME
 Tapan K. Chaudhuri 391

THE PERIHEPATIC HALO IN LIVER SCINTIANGIOGRAPHIC PERFUSION STUDIES: A SIGN OF ASCITES
 A. J. Alter and P. A. Farrer 396

⁶⁷Ga-CITRATE IMAGING IN UNTREATED HODGKIN'S DISEASE: PRELIMINARY REPORT OF COOPERATIVE GROUP
 Gerald Johnston, Richard S. Benua, Charles D. Teates, C. Lowell Edwards, Linell Murphy, and Ralph M. Kniseley 399

⁶⁷Ga-CITRATE IMAGING IN UNTREATED MALIGNANT LYMPHOMA: PRELIMINARY REPORT OF COOPERATIVE GROUP
 Robert H. Greenlaw, Morton B. Weinstein, A. Bertrand Brill, John K. McBain, Linell Murphy, and Ralph M. Kniseley 404

⁶⁷Ga-CITRATE IMAGING IN UNTREATED PRIMARY LUNG CANCER: PRELIMINARY REPORT OF COOPERATIVE GROUP
 Frank H. DeLand, Bertram J. L. Sauerbrunn, Charles Boyd, Robert H. Wilkinson, Jr., Ben I. Friedman, Mohammed Moinuddin, David F. Preston, and Ralph M. Kniseley 408

THE INFLUENCE OF TRUE COUNTING RATE AND THE PHOTOPEAK FRACTION OF DETECTED EVENTS ON ANGER CAMERA DEADTIME
 John E. Arnold, A. Sidney Johnston, and Steven M. Pinsky 412

RADIOTECHNETIUM POLYPHOSPHATE JOINT IMAGING
 M. Desaulniers, A. Fuks, D. Hawkins, Y. Lacourciere, and L. Rosenthal 417

⁶⁷Ga-CITRATE AND THE NONFUNCTIONING THYROID NODULE
 William D. Kaplan, B. Leonard Holman, Herbert A. Selenkow, Michael A. Davis, Richard A. Holmes, Ali T. Isitman, and Harold L. Chandler 424

ABSOLUTE AND RELATIVE DEFICIT IN TOTAL-SKELETAL
CALCIUM AND RADIAL BONE MINERAL IN
OSTEOPOROSIS
S. H. Cohn, K. J. Ellis, W. Wallach, I. Zanzi, H. L. Atkins,
and J. F. Aloia 428

CONCISE COMMUNICATIONS

EFFECTS OF CAPILLARY BLOCKADE WITH ^{99m}Tc-IRON
HYDROXIDE: A HISTOPATHOLOGIC STUDY
Michael A. Davis and Martin F. King 436

TOMOGRAPHY USING AN UNMODIFIED ANGER CAMERA
J. Thomas Payne, Donovan Reinke, and Merle K. Loken 439

QUALITY CONTROL OF ^{99m}Tc-DTPA BY DOUBLE-TRACER
CLEARANCE TECHNIQUE
Fazle Hosain 442

FRACTION OF INTRAVENOUSLY INJECTED ^{99m}Tc-SULFUR
COLLOID IN THE SPLEEN OF CHILDREN
Richard P. Spencer, Sue McIntosh, Howard A. Pearson,
and Robert J. Touloukian 446

TOTAL-BODY POTASSIUM AND LEAN BODY MASS IN MALES
WITH AN ABNORMAL SEX CHROMOSOME COMPLEMENT
Keith Boddy, B. W. East, Priscilla C. King, J. S. Milne,
William H. Price, and P. Tohill 448

A ¹³⁸Xe TRANSMISSION SOURCE
Eslie L. Darter 453

CASE REPORTS

PULMONARY VENO-OCCLUSIVE DISEASE
Marcos Calderone and John A. Burdine 455

TUMOR UPTAKE OF ^{99m}Tc-POLYPHOSPHATE: ITS SIMILARITY
WITH ^{87m}Sr-CITRATE AND DISSIMILARITY WITH
⁶⁷Ga-CITRATE
Tapan K. Chaudhuri, Tuhin K. Chaudhuri, and James H. Christie 458

LUNG UPTAKE OF ^{99m}Tc-SULFUR COLLOID DURING LIVER
SCANNING
John W. Turner, Ibrahim B. Syed, and Donald P. Hanc 460

TUMOR BLOOD-FLOW STUDY TO MEASURE RESPONSE TO
TREATMENT
Charles K. Tashima, Winfred Y. Lee, and Alvin Leong 463

LETTERS TO THE EDITOR

LONG SHELF-LIFE ^{99m}Tc-MAA LUNG PARTICLE KITS
John P. Huberty 464

CROSS-REACTION OF SCHWARZ/MANN DIGOXIN ANTIBODY
WITH A NORMAL CONTROL SERUM
Mary L. Brown, Therian Hannah, and Gladys Stephens 465

RADIONUCLIDE CISTERNOGRAPHY—PREDICTION OF
CLINICAL RESULTS OF NEUROSURGICAL SHUNTING
IN PATIENTS WITH COMMUNICATING NORMAL
PRESSURE HYDROCEPHALUS—FACT OR FANTASY
Samuel E. Halpern, William L. Ashburn, and Naomi P. Alazraki 465

RADIONUCLIDE CONTAMINATION OF ELUATES FROM
FISSION-PRODUCT MOLYBDENUM-TECHNETIUM
GENERATORS
William H. Briner and C. Craig Harris 466

ANGER CAMERA DEADTIME
Manfred Huttig 468

THE AUTHORS' REPLY
Ralph Adams and Duane Zimmerman 468

COMBINATION OF LAXATIVES FOR CLEANSING OF
⁶⁷Ga-CITRATE ACTIVITY IN THE BOWEL
Suraj P. Bakshi and K. L. Parthasarathy 470

PROCEEDINGS OF 21st ANNUAL MEETING

NUCLEAR MEDICINE PIONEER CITATION: Hal O. Anger 471

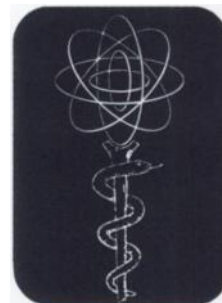
ABSTRACTS FOR SCIENTIFIC PROGRAM 474

TECHNOLOGISTS' SCIENTIFIC PROGRAM 547

AUTHOR INDEX 548

CALENDAR 554, 556

PLACEMENT 85A



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, 305 E. 45th St., New York 10017, Phone 212-889-0717. Advertising rates are available from the publisher. Advertising is accepted subject to approval by an editorial committee. Forms close on the 15th of the second month preceding date of issue.

June, 1974, Vol. 15, No. 6. Second class postage paid at New York, N.Y., and at additional mailing offices. Subscription rates are \$40 per year within the United States; \$42 in Canada and South and Central America; \$45 elsewhere (includes air mail postage). Student subscription \$20. Single copies \$4; foreign \$4.50; convention issue (June), \$7; foreign \$7.50; postage will be added. 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.