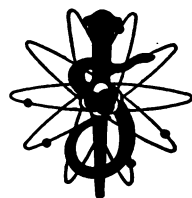


CONTENTS



Journal of NUCLEAR MEDICINE

VOL. 8

NOVEMBER, 1967

NO. 11

- DANIEL M. LAVINE, M.D., MATHEWS B. FISH, M.D., MYRON POLLYCOVE, M.D.,
AND ARCHIE KHENTIGAN, M.S. Rapid Scintiphotographic Placental Lo-
calizations Utilizing Free ^{99m}Tc Pertechnetate 773
- RICHARD P. SPENCER, M.D., PH.D., Relationship of Surface Area on Roent-
genograms and Radioisotopic Scans to Organ Volumes 785
- A. H. SOLOWAY, S. ARONOW, C. KAUFMAN, J. F. BALCIUS, B. WHITMAN, AND
J. R. MESSER. Penetration of Brain and Brain Tumor. VI. Radioactive
Scanning Agents 792
- JOSE O. MORALES, M.D., WILLIAM H. BEIERWALTES, M.D., RAYMOND E. COUN-
SELL, PH.D., AND DONALD H. MEIER, M.D. The Concentration of Radio-
activity From Labeled Epinephrine and Its Precursors in the Dog
Adrenal Medulla 800
- T. E. HILDITCH, F. C. GILLESPIE, J. SHIMMINS, R. MCG. HARDEN, AND W. D.
ALEXANDER. A Study of Extra-Thyroidal Neck Radioactivity Using a
Radioisotope Scanner 810
- S. N. ALBERT, M.D., E. ZEKAS, AND R. MACK. TIMBY. Anthracene Cell for
Counting Weak-Beta-Emitting Nuclides (Sulfur-35) in Liquid Samples 822
- EBERHARD JAHNS AND GERALD J. HINE. A Line-Source Phantom for Testing
the Performance of Scintillation Cameras 829
- BENJAMIN ROTHFELD, M.D., ARTHUR KARMEN, M.D., AND CLIFFORD F. HUN-
TER. Effect of BAPN on Lipid Deposition in Rat Liver and Aorta, Studies
Using $4\text{-}^{14}\text{C}$ -Cholesterol. 837