

**DIAGNOSTIC NUCLEAR MEDICINE**

LOCALIZATION OF MYOCARDIAL DISORDERS OTHER THAN INFARCTION WITH <sup>99m</sup>Tc-LABELED PHOSPHATE AGENTS  
 Louis A. Perez, David B. Hayt, and Leonard M. Freeman ..... 241

CESIUM-129 MYOCARDIAL SCINTIGRAPHY TO QUANTIFY MYOCARDIAL INFARCTION IN DOGS  
 Donald W. Romhilt, Alan B. Ashare, Robert J. Adolph, Norman I. Levenson, William G. Wee, Vincent J. Sodd, and Leon S. August ..... 247

BONE SCAN PATTERNS OF PATIENTS WITH DIFFUSE METASTATIC CARCINOMA OF THE AXIAL SKELETON  
 Lynn R. Witherspoon, Lawrence Blonde, Stanton E. Shuler, and Donald B. McBurney ..... 253

LYMPHANGITIC CARCINOMATOSIS: LUNG SCAN ABNORMALITIES  
 Nathan Green, Leonard Swanson, William Kern, Ralph Homann, Lowell Irwin, and Clarence J. Berne ..... 258

COMPARISON OF <sup>99m</sup>Tc AND <sup>125</sup>I FOR THYROID IMAGING  
 John E. Arnold and Steven Pinsky ..... 261

THYROID SCANNING WITH GALLIUM-67 AND CESIUM-131  
 D. A. Koutras, P. G. Pandos, J. Sfontouris, A. Koukoulommati-Spentza, A. Psarras, and B. Malamos ..... 268

ABNORMAL <sup>67</sup>Ga-CITRATE SCAN OF THE ABDOMEN IN TUBERCULOUS PERITONITIS: CASE REPORT  
 Jehuda J. Steinbach ..... 272

**RADIOCHEMISTRY AND RADIOPHARMACEUTICALS**

TUMOR MODEL STUDIES OF <sup>125</sup>I-TETRACYCLINE AND OTHER COMPOUNDS  
 Depew M. Chauncey, Samuel E. Halpern, Phillip L. Hagan, and Naomi P. Alazraki ..... 274

CIRCULATION CLEARANCE RATE OF RADIOIODINE DURING FIBRINOGEN UPTAKE TESTS  
 J. G. Hardy and G. M. Newble ..... 282

DISTRIBUTION AND RETENTION OF <sup>35</sup>S-SODIUM SULFATE IN MAN  
 H. Q. Woodard, K. S. Pentlow, K. Mayer, J. S. Laughlin, and R. C. Marcove ..... 285

**INSTRUMENTATION AND PHYSICS**

A NEW 80-LENS OSCILLOSCOPE CAMERA FOR ROUTINE DYNAMIC ORGAN SCINTIGRAPHY  
 Leo V. dos Remedios, Paul M. Weber, and Hal O. Anger ..... 290

INCLUSION OF PHYSIOLOGIC DATA INTO COMPUTERIZED NUCLEAR MEDICINE DYNAMIC STUDIES  
 R. J. Nickles, J. E. Holden, A. J. Kiuru, and R. E. Polcyn ..... 297

RADIATION DOSIMETRY OF <sup>204</sup>Bi- AND <sup>208</sup>Bi-CITRATES  
 Rodney E. Bigler, Gerald A. Russ, and John S. Laughlin ..... 301

**CONCISE COMMUNICATIONS**

"EAR" ARTIFACT IN BRAIN SCANS  
 Dennis D. Patton and Daniel L. Brasfield ..... 305

SUDDEN HEMORRHAGE IN METASTATIC THYROID CARCINOMA OF THE BRAIN  
 DURING TREATMENT WITH IODINE-131  
 Donald L. Holmquest and Peter Lake ..... 307

THYROID UPTAKE OF <sup>131</sup>I: FURTHER COMPARISONS OF CAPSULES AND LIQUID  
 PREPARATIONS  
 J. P. Green, J. R. Wilcox, J. D. Marriott, S. E. Halpern, and Q. E. Crews, Jr. .... 310

BONE ACCUMULATION OF <sup>99m</sup>Tc-LABELED LEUCOCYTES  
 B. A. Bagwe and S. M. Sharma ..... 313

COMPARISON OF INULIN, IOTHALAMATE, AND <sup>99m</sup>Tc-DTPA FOR MEASUREMENT  
 OF GLOMERULAR FILTRATION RATE  
 Galen L. Barbour, Charles K. Crumb, Charles M. Boyd, Robert D. Reeves, Shiva P. Rastogi,  
 and Rodney M. Patterson ..... 317

RAPID RADIOIMMUNOASSAY OF TRIIODOTHYRONINE ON SEPHADEX G-25 BY THE  
 AMES KIT  
 P. J. N. Howorth and P. Marsden ..... 321

**LETTER TO THE EDITOR**

TECHNETIUM-99m-HEDP CONCENTRATION IN CALCIFIED MYOMA  
 Peter J. Ell, Gerhard Breitfellner, and Manfred Meixner ..... 323

**ABSTRACTS OF CURRENT LITERATURE** 325

AMERICAN BOARD OF NUCLEAR MEDICINE INFORMATION, POLICIES,  
 AND PROCEDURES, 1976  
 Joseph F. Ross ..... 328

**CALENDAR** 334, 336

**PLACEMENT** 57A, 62A, 66A

