

**DIAGNOSTIC NUCLEAR MEDICINE**

MEASURES OF CLINICAL EFFICACY. III. THE VALUE OF THE LUNG SCAN IN THE EVALUATION OF YOUNG PATIENTS WITH PLEURITIC CHEST PAIN  
Barbara J. McNeil, Samuel J. Hessel, William T. Branch, Lars Bjork, and S. James Adelstein .. 163

USE OF <sup>99m</sup>Tc-LABELED ALBUMIN MICROSPHERES IN CEREBRAL VASCULAR DISEASE  
M. Verhas, A. Schoutens, O. Demol, M. Patte, M. Rakofsky, J. Struyven, and A. Capon ..... 170

COMPARATIVE EVALUATION OF RENAL TRANSPLANT REJECTION WITH RADIOIODINATED FIBRINOGEN, <sup>99m</sup>Tc-SULFUR COLLOID, AND <sup>67</sup>Ga-CITRATE  
Erica A. George, John E. Codd, William T. Newton, Helmut Haibach, and Robert M. Donati .. 175

USE OF <sup>99m</sup>Tc-SULFUR COLLOID IN EVALUATION OF RENAL TRANSPLANT COMPLICATIONS  
Mathis P. Frick, Merle K. Loken, Marvin E. Goldberg, and Richard L. Simmons ..... 181

SERIAL BONE-SCAN CHANGES IN RECURRENT BONE INFARCTION  
N. David Greyson and Edward E. Kassel ..... 184

OSTEOBLASTOMAS OF THE AXIAL SKELETON SHOWN BY SKELETAL SCANNING: CASE REPORT  
Norman L. Martin, David F. Preston, and Ralph G. Robinson ..... 187

ABNORMAL RADIONUCLIDE ANGIOGRAM IN PROVEN INTRACRANIAL FIBROMUSCULAR DYSPLASIA: CASE REPORT  
P. M. Fitzer and Italo Rinaldi ..... 190

DISPLACEMENT OF THE SPLEEN IN INFECTED PANCREATIC PSEUDOCYST: CASE REPORT  
Roderick W. Grant and Duncan Ackery ..... 193

EPIDERMOID CYST OF THE SPLEEN: CASE REPORT  
Felix Garfunkel ..... 196

RESIDUAL SPLENIC FUNCTION IN THE PRESENCE OF THOROTRAST-ASSOCIATED HEPATIC TUMOR: CASE REPORT  
Richard P. Spencer, John W. Turner, and Ibrahim B. Syed ..... 200

**RADIOCHEMISTRY AND RADIOPHARMACEUTICALS**

RAT MODEL FOR ACUTE MYOCARDIAL INFARCTION: APPLICATION TO TECHNETIUM-LABELED GLUCOHEPTONATE, TETRACYCLINE, AND POLYPHOSPHATE  
Norman Adler, Leopoldo L. Camin, and Peter Shulkin ..... 203

CHEMISTRY OF <sup>99m</sup>Tc TRACERS. II. IN VITRO CONVERSION OF TAGGED HEDP AND PYROPHOSPHATE (BONE-SEEKERS) INTO GLUCONATE (RENAL AGENT). EFFECTS OF Ca AND Fe(II) ON IN VIVO DISTRIBUTION  
James McRae, Peter Hambright, Peter Valk, and Alan J. Bearden ..... 208

SELENIUM-75-19-SELENOCHOLESTEROL—A NEW ADRENAL SCANNING AGENT WITH HIGH CONCENTRATION IN THE ADRENAL MEDULLA  
Salil D. Sarkar, Rodney D. Ice, William H. Beierwaltes, Satinder P. Gill, Suppiah Balachandran, and Garabed P. Basmadjian ..... 212

**CONCISE COMMUNICATIONS**

RADIORESPIROMETRIC STUDY OF CARBOHYDRATE METABOLISM IN CHILDHOOD LIVER DISEASE  
Homai Da Costa, Walton W. Shreeve, and Surendra Merchant ..... 218

THE ASSAY OF IODINE-123  
F. R. Hudson, H. I. Glass, and S. L. Waters ..... 220

**LETTERS TO THE EDITOR**

**BREAST SCINTIGRAPHY WITH <sup>99m</sup>Tc-PERTECHNETATE AND <sup>67</sup>Ga-CITRATE**  
 G. Hör, P. Heidenreich, H. Kriegel, and H. Langhammer ..... 223

**REPLY**  
 Steven D. Richman ..... 223

**DIFFERENTIAL DIAGNOSIS OF BRAIN LESIONS WITH <sup>99m</sup>Tc-LABELED PHARMACEUTICALS**  
 Peter Josef Ell and Karl Heinz Lotritsch ..... 224

**REPLY**  
 Keith C. Fischer ..... 224

**JUGULAR VEIN REFLUX**  
 David B. Hayt and Louis A. Perez ..... 225

**FALSE-POSITIVE CHEMODECTOMAS**  
 Mohammed Moinuddin and John F. Rockett ..... 225

**REPLY**  
 C. D. Russell, H. P. Jander, and E. V. Dubovsky ..... 226

**GALLIUM-67 UPTAKE IN THE REGENERATING RAT LIVER**  
 Peter A. G. Hammersley and Maureen A. Zivanovic ..... 226

**TECHNETIUM LABELING OF STREPTOKINASE AT LOW pH**  
 Terence I. Hale ..... 226

**REPLY**  
 Bertil Persson ..... 227

**PREPARATION OF <sup>67</sup>Ga RADIOPHARMACEUTICALS**  
 Lelio G. Colombetti ..... 227

**REPLY**  
 Donald J. Hnatowich ..... 227

**LAMINAR FLOW**  
 David A. Krause ..... 228

**CLINICAL PRACTICE**

**CAUSES OF ABNORMALITIES REPORTED IN NUCLEAR MEDICINE TESTING**  
 Edward B. Silberstein ..... 229

**ABSTRACTS OF CURRENT LITERATURE** 233

**CALENDAR** 238, 240

**PLACEMENT** 69A, 70A, 71A

