ARTICLES

BONE SCANNING IN THE DRUG ABUSE PATIENT: EARLY DETECTION OF HEMATOGENOUS OSTEOMYELITIS
Alan D. Waxman, David Bryan, and Jan K. Siemsen 647

EXPERIMENTAL COMPARISON OF RADIOACTIVE AGENTS FOR STUDIES OF THE PLACENTA
David F. Mahon, Gopal Subramanian, and John G. McAfee 651

NON-GAUSSIAN DISTRIBUTION OF SERUM THYROXINE LEVELS FOR EUTHYROID POPULATION
Valerie A. Brookeman 660

REGIONAL MYOCARDIAL PERFUSION DATA WITH SPATIAL AND TEMPORAL QUANTIZATION
Ernest M. Stokely, L. R. Nardizzi, R. W. Parkey, and F. J. Bonte 669

COMPARATIVE TOXICITY AND PHARMACODYNAMICS OF IONIC INDIUM CHLORIDE AND HYDRATED INDIUM OXIDE
Frank P. Castronovo, Jr. and Henry N. Wagner, Jr. 677

RADIONUCLIDE ASSESSMENT OF CEREBROSPINAL FLUID SHUNT FUNCTION IN CHILDREN
Thomas G. Rudd, David B. Shurtleff, John D. Loeser, and Wil B. Nelp 683

AN EVALUATION OF LUNG UPTAKE OF COLLOID DURING LIVER IMAGING
John W. Keyes, Jr., George A. Wilson, and Jose D. Quinones 687

VALUE OF 48- OR 72-HR URINE COLLECTIONS IN PERFORMING THE SCHILLING TEST
Edward B. Silberstein 692

CONCISE COMMUNICATIONS

POLYPHOSPHATES: A CHEMICAL ANALYSIS OF AVERAGE CHAIN LENGTH AND THE RELATIONSHIP TO BONE DEPOSITION IN RATS
A. Gaylord King, Betsy Christy, Homer B. Hupf, and Ronald E. Block 695

INDEPENDENT OPERATION OF A COMMERCIAL DIGITAL TAPE RECORDER ORIGINALLY DESIGNED AS AN INTEGRAL SCINTILLATION CAMERA ACCESSORY UNIT
Richard O. Kellam, George R. Jones, and William L. Ashburn 699

CLINICAL EVALUATION OF AN INSTANT KIT FOR PREPARATION OF 99mTc-MAA FOR LUNG SCANNING
Ramesh Chandra, Jack Shamoun, Philip Braunstein, and Oro L. DuHov 702

LABELING OF MAMMALIAN NUCLEATED CELLS WITH 99mTc
G. Yancey Gillespie, Rolf F. Barth, and Allan Gobuty 706

CASE REPORTS

RIM SIGN IN BRAIN SCINTIGRAPHY OF EPIDURAL HEMATOMA
K. G. Ter Brugge and H. Meindok 709
HIGH CONCENTRATION OF $^{99m}$Tc-SULFUR COLLOID FOUND DURING ROUTINE LIVER SCAN IN LUNGS OF PATIENT WITH ADVANCED BREAST CANCER
Peter J. Gillespie, James L. Alexander, and George A. Edelstyn ............. 711

PRELIMINARY NOTE
RADIATION DOSIMETRY OF $^{131}$I-19-IODOCHOLESTEROL
A. S. Kirschner, R. D. Ice, and W. H. Beierwaltes ......................... 713

BOOK REVIEW
BASIC MEDICAL STATISTICS
Thomas G. Mitchell .................................................... 718

LETTERS TO THE EDITOR
PHARMACEUTICAL TOXICITY AS A FUNCTION OF BIODEGRADABILITY
Frank P. Castronovo, Jr. ............................................. 719

THE AUTHORS' REPLY
Gopal Subramanian, John G. McAfee, and Richard J. Blair ............... 719

FREQUENCY OF EARLY SKULL METASTASIS IN BREAST CANCER
G. Bruce Hopkins and Kai A. B. Kristensen ............................. 720

COST-BENEFIT ANALYSIS OF IN VITRO SCREENING TESTS OF THYROID FUNCTION
Valerie A. Brookeman and Clyde M. Williams .......................... 721

RADIOSTRONTIUM LOCALIZATION IN NORMAL LUNGS? OCCULT ASPERGILLOSIS VERSUS "APPARENTLY NORMAL" LUNGS
N. Adiseshan ............................................................. 722

AUTHOR'S REPLY
Tapan K. Chaudhuri .................................................... 723

CALENDAR

PLACEMENT

L, LI