LETTER FROM THE EDITOR 585

ARTICLES

EVALUATION OF A $^{133}$Xe VENTILATION TECHNIQUE FOR DIAGNOSIS OF PULMONARY DISORDERS
Melvin H. Farmelant and James C. Trainor 586

USEFULNESS AND RELIABILITY OF SHORT-LIVED RADIONUCLIDES FOR CARDIAC OUTPUT DETERMINATION
J. Hurley Myers, Roy E. Steadham, and L. H. Blackwell 591

CHEMICAL STATE OF $^{99m}$Tc IN BIOMEDICAL PRODUCTS
W. Eckelman, G. Meinken, and P. Richards 596

$^{125}$I-LABELED CHLOROQUINE ANALOG IN THE DIAGNOSIS OF OCULAR MELANOMAS
Charles M. Boyd, William H. Beierwaltes, Lionel M. Lieberman, and Terry J. Bergstrom 601

RADIOAEROSOL INHALATION LUNG SCANNING: ITS ROLE IN SUSPECTED PULMONARY EMBOLISM
Toyoharu Isawa, Michael Hayes, and George V. Taplin 606

RESPONSE OF THE OVERACTIVE THYROID TO RADIOIODINE THERAPY
Richard P. Spencer 610

LABELING IRON-FREE ALBUMIN MICROSPHERES WITH $^{113m}$In
Julia W. Buchanan, Buck A. Rhodes, and Henry N. Wagner, Jr. 616

THE COMPUTER IN THE DIAGNOSIS OF THYROID DISEASE
Noel I. Robin, Samuel Refetoff, and Herbert A. Selenkow 620

CONCISE COMMUNICATIONS

A METHOD USING A DIGITAL COMPUTER FOR REDUCING RESPIRATORY ARTIFACT ON LIVER SCANS
MADE WITH A CAMERA
Bernard E. Oppenheim 625

CONTROL OF OXIDATIVE DEGRADATION IN $^{99m}$Tc-LABELED FERROUS HYDROXIDE: A SIMPLIFIED METHOD
Muni M. Staum and David E. Kuhl 629

SPECIFIC GAMMA-RAY AND EQUILIBRIUM ABSORBED-DOSE CONSTANTS FOR BARIUM-$^{135}$m
Ibrahim B. Syed and Fazle Hosain 630

IMPROVED BINDING AND STABILITY OF $^{99m}$Tc-IRON HYDROXIDE MACROAGGREGATES
Esie L. Darter and Lyle R. Ackerman 632
HIGH-RESOLUTION SCINTICAMERA BASED ON
DELAY-LINE TIME CONVERSION
N. Nohara, E. Tanaka, T. Hiramoto, N. Kumano, and M. Kakegawa 685

EFFECT OF TRACER DOSES OF 131I ON SERUM
PROTEIN-BOUND IODINE AND SERUM THYROXINE
CONCENTRATION
Apostolos G. Vagenakis, Cynthia M. Abreau, and Lewis E. Braverman 687

A PRACTICAL COMPROMISE IN BONE SCANNING
P. Braunstein, J. G. Hernberg, and R. Chandra 689

UPTAKE OF 203Hg HYDROXY-MERCURY-FLUORESCEIN IN
MYOCARDIAL INFARCTS
P. Ramanathan, R. D. Ganatra, K. Daulatram, P. K. Sen, and M. Blau 691

CASE REPORTS

MEDIASTINUM SCANNING WITH 75Se-SELENOMETHIONINE
Yogendra Goel, James Sims, and James A. Pittman 694

A NEUROFIBROMA MIMICKING A PAROTID GLAND TUMOR
BOTH CLINICALLY AND BY SCANNING
Robert H. Wilkinson, Jr. and Jack K. Goodrich 696

LETTERS TO THE EDITOR

LOW PROBABILITY OF ALLERGIC REACTION TO
ALBUMIN MICROSPHERES
Buck A. Rhodes 699

IS IT THE BLOOD BACKGROUND?
Ramesh Chandra, Joseph Hernberg, and Philip Braunstein 700

THE AUTHORS' REPLY
H. J. Dworkin and J. W. Meigan 701

PLACEMENT

CALENDAR