
CLINICAL SCIENCES

DIAGNOSTIC NUCLEAR MEDICINE

Radionuclide Techniques for Valvular Regurgitant Index: Comparison in Patients with Normal and Depressed Ventricular Function

- P. Nicod, J. R. Corbett, B. G. Firth, G. J. Dehmer, C. Izquierdo, R. V. Markham, Jr., L. D. Hillis, J. T. Willerson, and S. E. Lewis 763

Comparison of Cold Pressor and Exercise Radionuclide Angiocardiography in Coronary Artery Disease

- Mario S. Verani, Nadim M. Zacca, Thomas L. DeBauche, Richard R. Miller, and Robert A. Chahine 770

Necropsy of a Cadaver Containing 50mCi of Sodium ^{131}I odide

- K. L. Parthasarathy, Michael Komerek, Bill Quain, Suraj P. Bakshi, Faisal Qureshi, Katsutaro Shimaoka, Uma Rao, John S. Adamski, and Merrill A. Bender 777

Influence of Attenuation on Radionuclide Stroke Volume Determinations

- Robert D. Burow, Michael F. Wilson, Paul W. Heath, Carolyn R. Corn, Azhar Amil, and Udhoo Thadani 781

Noncardiac, Nontomographic Applications of the Slant-Hole Collimator: Concise Communication

- Henry D. Royal, J. Anthony Parker, and Gerald M. Kolodny 786

RADIOIMMUNOASSAY

Radioimmunoassay of Cocaine in Hair: Concise Communication

- Werner A. Baumgartner, Charles T. Black, Peter F. Jones, and William H. Blahd 790

CASE REPORTS

Scintangiographic Demonstration of a Dural Arteriovenous Malformation

- Robert J. Wallner and Michael Fischer 793

Scintigraphic Demonstration of Ventriculo Atrial Conduction in the Ventricular Pacemaker Syndrome

- Mark A. Rabinovitch, James Stewart, William Chan, Thomas E. Dunlap, Victor Kalff, Jean Clare, James H. Thrall, and Bertram Pitt 795

[^{75}Se]Selenomethylcholesterol Uptake in Familial Congenital Cushing's Syndrome

- Brahm Shapiro, David B. Grant, and Keith E. Britton 799

BASIC SCIENCES

RADIOCHEMISTRY AND RADIOPHARMACEUTICALS

Chemical and In Vivo Studies of the Anion oxo[N,N'-ethylenebis(2-mercaptopacetimido)] Technetate(V)

- Alun G. Jones, Alan Davison, Margaret R. La Tegola, James W. Brodack, Chris Orvig, Miriam Sohn, Alan K. Toothaker, Colin J. L. Lock, Kenneth J. Franklin, Catherine E. Costello, Stephen A. Carr, Klaus Biemann, and Michael L. Kaplan 801

An Efficient Method for Loading Indium-111 into Liposomes Using Acetylacetone

- Paul L. Beaumier and Karl J. Hwang 810
-

PRELIMINARY NOTES

An Investigation of a Double-Tracer Technique for Positron Computerized Tomography

- S. C. Huang, R. E. Carson, E. J. Hoffman, D. E. Kuhl, and M. E. Phelps 816

Cerebral Perfusion Imaging with Albumin Microspheres Tagged with Tc-99m and In-111
in Cases with Internal Carotid Occlusion

- Hideki Etani, Kazufumi Kimura, Shotaro Yoneda, Yoshiyasu Tsuda, Yoshinari Isaki, Masaichi Nakamura, and Tsutomu Asai 823

TECHNICAL NOTES

- A New Collimator for Cardiac Tomography: The Quadrant Slant-Hole Collimator
Wei Chang, Sheng Ling Lin, and Robert E. Henkin 830

A Dual Collimator Design for Beat-to-Beat Measurement of Cardiac Performance with an Anger Camera

- Sherman L. Heller, Paul N. Goodwin, Stephen C. Scharf, Ruth Hardoff, and M. Donald Blaufox 836

ADJUNCTIVE MEDICAL KNOWLEDGE

- Radioimmunodiagnosis and Radioimmunotherapy, 1982
G. N. Sfakianakis and F. H. DeLand 840

TEACHING EDITORIAL

- Radionuclide Quantification of Valvular Regurgitation
Philip O. Alderson 851

LETTERS TO THE EDITOR

- Re: A Comparison Between Conventional Scintigraphy and Emission Tomography with Thallium-201 in the Detection of Myocardial Infarction: Concise Communication
D. P. Shreiner 856

Reply

- J. Maublant 856

Re: Pulmonary Capillary Wedge Pressure Assessed by Gated Cardiac Blood-Pool Study

- Mozafar K. Karimeddini 856

Reply

- H. William Strauss, Alberto Urbina, Robert D. Okada, Igar Palacios, and Mary D. Osbakken 857

Co-existing Klinefelter's Syndrome, Sublingual Thyroid, and Hypothyroidism

- Hee-Myung Park 857

BOOK REVIEWS

- Controversies in Clinical Thyroidology
Reviewed by Melvin H. Farmelant 859

Non-Invasive Measurements of Bone Mass and Their Clinical Application

- Reviewed by David A. Weber 859

Mosby's Manual of Nuclear Medicine

- Reviewed by Kathleen A. Zimmer and Robert E. Henkin 860

La Détection et la Visualisation des Rayonnements en Médecine Nucléaire

- Reviewed by Robert Lisbona 860

ABSTRACTS OF CURRENT LITERATURE 861

INFORMATION FOR AUTHORS 865

CALENDAR 866, 56A

PLACEMENT 65A, 66A, 67A, 68A