

CLINICAL SCIENCES**DIAGNOSTIC NUCLEAR MEDICINE**

- Tc-99m IDA Cholescintigraphy in Acute Pancreatitis: Concise Communication
Amjad Ali, David A. Turner, and Ernest W. Fordham 867
- Gallbladder Visualization with Technetium-99m Glucoheptonate: Concise Communication
Jane L. Tyler and Thomas A. Powers 870
- Effective Penetration of the Lung Periphery Using Radioactive Aerosols: Concise Communication
W. J. Hannan, P. C. Emmett, R. J. Aitken, R. G. Love, A. M. Millar, and A. L. Muir 872
- Effect of Bolus Composition on Esophageal Transit: Concise Communication
Robert S. Fisher, Leon S. Malmud, Gregory Applegate, Elizabeth Rock, and Stanley H. Lorber 878

INVESTIGATIVE NUCLEAR MEDICINE

- Cardiac Lymphoscintigraphy Following Closed-Chest Catheter Injection of Radiolabeled Colloid into the Myocardium of Dogs: Concise Communication
M. D. Osbakken, S. Y. Kapiwoda, A. Swan, F. P. Castronovo, and H. W. Strauss 883

CASE REPORTS

- Scintigraphic Detection of Segmental Bile-Duct Obstruction
Shiv Gupta, David Owshalimpur, George Cohen, Richard Margules, and Nilo Herrera 890
- Multicystic Dysplastic Kidneys Suggesting Hydronephrosis During Tc-DTPA Imaging
Aslam R. Siddiqui, Mervyn Cohen, and Michael E. Mitchell 892

BASIC SCIENCES**RADIOCHEMISTRY AND RADIOPHARMACEUTICALS**

- Syntheses of "No Carrier Added" 1,3-bis-(2-chloroethyl)nitrosourea (BCNU)
Mirko Diksic, Simin Farrokhzad, Lucas Yamamoto, and William Feindel 895
- A New Improved Synthesis of 2-Deoxy-2-[¹⁸F]Fluoro-D-Glucose from ¹⁸F-Labeled Acetyl Hypofluorite
Chyng-Yann Shiue, Piero A. Salvadori, Alfred P. Wolf, Joanna S. Fowler, and Robert R. MacGregor 899
- A New, Well-Retained Myocardial Imaging Agent: Radioiodinated 15-(p-Iodophenyl)-6-Tellurapentadecanoic Acid
Mark M. Goodman, Furn F. Knapp, Jr., Alvin P. Callahan, and Leigh A. Ferren 904

PHYSICS

- Deferoxamine, A Promising Bifunctional Chelating Agent for Labeling Proteins with Gallium: Ga-67 DF-HSA: Concise Communication
Akira Yokoyama, Yoshiro Ohmomo, Kazuko Horiuchi, Hideo Saji, Hisashi Tanaka, Kazutaka Yamamoto, Yasushi Ishii, and Kanji Torizuka 909

MIRD DOSE ESTIMATE REPORT NO. 10

- Radiation Absorbed Dose from Albumen Microspheres Labeled with Technetium-99m
Monte Blau, Robert Wicks, Stephen R. Thomas, and Katherine A. Lathrop 915

PRELIMINARY NOTES

- A New Method Using Anhydrous [¹⁸F]fluoride to Radiolabel 2[¹⁸F]Fluoro-2-Deoxy-D-Glucose
Shlomo Levy, David R. Elmaleh, and Eli Livni 918
- Lymphoscintigraphy with Tc-99m-Labeled Dextran
E. Henze, H. R. Schelbert, J. D. Collins, A. Najafi, J. R. Barrio, and L. R. Bennett 923

TECHNICAL NOTES

Removal of Bolus Fragmentation Artifacts from Pulmonary Curves as Applied to QP:QS Shunt Determination
 George A. Lis and Said M. Zu'bi 930

Inhibition of Chromium-51 RBC Labeling by Stannous Pyrophosphate
 Jeffrey T. Holt, Steven L. Spitalnik, and George Wilson 934

TEACHING EDITORIAL

Potential for Lymphoscintigraphy?
 Howard J. Dworkin 936

LETTERS TO THE EDITOR

Infarct Sizing with Tc-99m Pyrophosphate
 J. A. Bianco 939

Reply
 Samuel E. Lewis 939

Re: Does the Corticoadrenal Adenoma with "Pre-Cushing" Syndrome Exist?
 Nataša Budihna 940

Reply
 B. Charbonnel and J. F. Chatal 940

Comments on Specifying the Performance of a Positron Tomograph
 Rodney A. Brooks and Victor J. Sank 942

Reply
 Jonathan M. Links and Henry N. Wagner, Jr. 942

Quantification of In Vivo Distribution of Platelets Labeled with Indium-111 Oxine
 Anthon duP Heyns, Mattheus G. Lötlotter, Harry F. Kotzé, Henry Pieters, and Paula Wessels 943

Reply
 Ursula Scheffel, Robin Hill-Zobel, and Min-Fu Tsan 944

Re: A Modified Method for the In Vivo Labeling of Red Blood Cells with Tc-99m
 John P. Huberty and Robert S. Hattner 945

Reply
 Ronald J. Callahan, Jerry W. Froelich, Kenneth A. McKusick, Jeffrey Leppo, and H. William Strauss ... 946

BOOK REVIEWS

Radiation and Human Health
 Reviewed by Jane M. Orient 947

The Evaluation of Medical Images
 Reviewed by Stephen L. Bacharach 947

Nuclear Medicine Technology and Techniques
 Reviewed by Laura Jane Meyers 948

Applied Thermoluminescence Dosimetry
 Reviewed by J. Lawrence Beach 948

Cancer of the Head and Neck
 Reviewed by Robert D. Lindberg 949

ABSTRACTS OF CURRENT LITERATURE 950

INFORMATION FOR AUTHORS 955

CALENDAR 956, 38A

PLACEMENT 48A, 49A, 50A, 51A