

# JNM



Official Publication of  
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## SNM NEWSLINE

- 11N Profile:**  
**Practical Matters with Henry N. Wagner, Jr., MD**  
*J. Rojas-Burke*
- 20N SNM/ACNP Consider Appealing NRC Quality Management Rule**  
*Leigh Silverman*
- 26N News Briefs:** No Increased Leukemia at Canadian Nuclear Sites; Strategic Task Force Leader Chosen; E&R Foundation Student Fellowships for 1991; Swedish Epidemiological Study Affirms Safety of Iodine-131 Therapy; Fallout in Firewood

## HUMAN STUDIES

- 1845 Radiolabeled Somatostatin Analog Scintigraphy in Small-Cell Lung Cancer**  
*Dirk J. Kwekkeboom, Eric P. Krenning, Willem H. Bakker, H. You Oei, Ted A.W. Splinter, G. Siang Kho, and Steven W.J. Lamberts*
- 1849 Assessment of Left Ventricular Diastolic Function: Comparison of Contrast Ventriculography and Equilibrium Radionuclide Angiography**  
*Bruno Villari, Sandro Betocchi, Leonardo Pace, Federico Piscione, Enrico Russolillo, Andrea Ciarmiello, Marco Salvatore, Mario Condorelli, and Massimo Chiariello*
- 1854 Detection of Subacute Infectious Foci with Indium-111-labeled Autologous Leukocytes and with Indium-111-Labeled Human Nonspecific Immunoglobulin G: A Prospective Comparative Study**  
*Wim J.G. Oyen, Roland A.M.J. Claessens, Jos W.M. van der Meer, and Frans H.M. Corstens*
- 1861 Radionuclide Diagnosis of Vertebral Osteomyelitis: Indium-111-Leukocyte and Technetium-99m-Methylene Diphosphonate Bone Scintigraphy**  
*Christopher J. Palestro, Chun K. Kim, Alfred J. Swyer, Shanker Vallabhajosula, and Stanley J. Goldsmith*
- 1866 Effects of Visual Stimulation on the Redistribution of Iodine-123-IMP in the Brain Using SPECT Imaging**  
*David A. Weber, Corazon Cabahug, Peter Klieger, Nora D. Volkow, Christopher Wong, Donald Sacker, and Marija Ivanovic*
- 1873 Early and Late Lesion-to-Non-lesion Ratio of Thallium-201-Chloride Uptake in the Evaluation of "Cold" Thyroid Nodules**  
*Ruth Hardoff, Elizabeth Baron, and Maxim Sheinfeld*
- 1877 Rhenium-186(Sn)HEDP for Treatment of Painful Osseous Metastases: Results of Double-Blind Crossover Comparison with Placebo**  
*Harry R. Maxon III, Louis E. Schroder, Vicki S. Hertzberg, Stephen R. Thomas, Emanuela E. Englaro, Ranasinghange*

*Samaratunga, Howard Smith, Jonathan S. Moulton, Craig C. Williams, Gary J. Ehrhardt, and Harold J. Schneider*

- 1882 Clinical Significance of the Solitary Functioning Adrenal Gland**  
*Milton D. Gross, Brahm Shapiro, John E. Freitas, Laura Meyers, Isaac Francis, Norman W. Thompson, and Jacobo Wortsman*

## LABORATORY STUDIES

- 1888 14(R,S)-[<sup>18</sup>F]Fluoro-6-Thia-Heptadecanoic Acid (FTHA): Evaluation in Mouse of a New Probe of Myocardial Utilization of Long Chain Fatty Acids**  
*Timothy R. DeGrado, Gerhard Stöcklin, and Heinz H. Coenen*

## CLINICOPATHOLOGIC CONFERENCES

- 1897 HMPAO-SPECT and MRI in Acute Disseminated Encephalomyelitis**  
*Karl Broich, David Horwich, and Abass Alavi*

## CASE REPORTS

- 1901 Normalization of Stress and Delayed Thallium-201 Myocardial SPECT: Where is the Normal Reference Area?**  
*Jean-Paul Esquerré, Pierre Gantet, Eric Ouhayoun, Philippe Granier*
- 1904 Right Aortic Arch: Demonstration by First-Pass and Multigated Radionuclide Ventriculography**  
*William T. Pochis, Arthur Z. Krasnow, Ali T. Isitman, Robert S. Hellman, John C. Wynsen, Egils Holanders, and B. David Collier*
- 1907 Pachydermoperiostosis: Technetium-99m-Methylene Diphosphonate Scintigraphic Pattern**  
*J. Bomanji, N. Nagaraj, R. Jewkes, M. Fields, and R.N. Maini*
- 1910 Scintigraphic Evaluation of Postoperative Complications of Laparoscopic Cholecystectomy**  
*Wilhelmina N. Estrada, Italo Zanzi, Robert Ward, Jordan A. Negrin, and Donald Margouleff*
- 1912 Skeletal Angiomas Limited to the Hand: Radiographic and Scintigraphic Correlation**  
*Julia Toxey and Dwight M. Achong*
- 1915 Bilateral Subdural Hematomas Diagnosed with Technetium-99m-HMPAO Brain SPECT**  
*David Coupland and Brain Lenle*

## METHODOLOGY

- 1918 Comparison of Bicycle and Treadmill Radionuclide Angiocardiology**  
*Jonathan M. Potts, Salvador Borges-Neto, L. Richard Smith, and Robert H. Jones*
- 1923 Three-Dimensional SPECT Simulations of a Complex Three-Dimensional Mathematical Brain Model and Measurements of the Three-Dimensional Physical Brain Phantom**  
*Hee-Joung Kim, Barry R. Zeeberg, Frederic H. Fahey, Alden N. Bice, Edward J. Hoffman, and Richard C. Reba*
- 1931 Optimal Scan Time of Oxygen-15-Labeled Water Injection Method for Measurement of Cerebral Blood Flow**  
*Iwao Kanno, Hidehiro Iida, Shuichi Miura and Matsutaro Murakami*

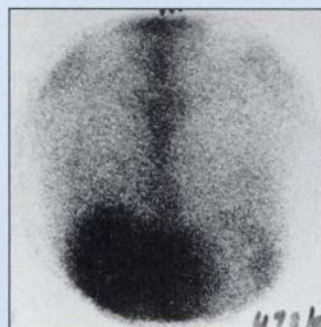
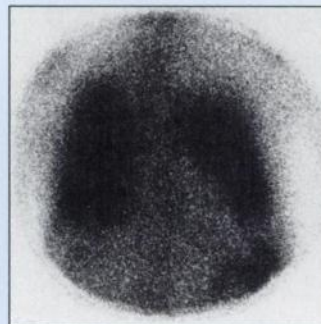
- 1934 Editorial: Optimization of Regional Cerebral Blood Flow Measurements with PET**  
*Nathaniel Alpert*
- 1937 Measurements of Regional Ventilation Pulmonary Gas Volume: Theory and Error Analysis with Special Reference to Positron Emission Tomography**  
*Sven O. Valind, Christopher G. Rhodes, Lars H. Brudin, and Terry Jones*
- 1945 An Improved Radionuclide Technique for the Detection of Altered Pulmonary Permeability**  
*Phillip Monaghan, I. Provan, C. Murray, Douglas W.J. Mackey, Hans Van der Wall, Brenda M. Walker, and Philip D. Jones*
- 1950 Effect of Carbon-11-Acetate Recirculation on Estimates of Myocardial Oxygen Consumption by PET**  
*Alfred Buck, H. Georg Wolpers, Gary D. Hutchins, Vicky Savas, Thomas J. Mangner, Ngoc Nguyen, and Markus Schwaiger*
- 1957 Editorial: Relationship Between Myocardial Clearance Rates of Carbon-11-Acetate-Derived Radiolabel and Oxidative Metabolism: Physiologic Basis and Clinical Significance**  
*James L. Lear*

### SESTAMIBI AND TEBOROXIME

- 1961 Technetium-99m-Sestamibi Myocardial Perfusion Imaging in Detection of Coronary Artery Disease: Comparison Between Initial (1-Hour) and Delayed (3-Hour) Postexercise Images**  
*Raymond Taillefer, Marie Primeau, Paolo Costi, Raymond Lambert, Jean Leveillé, and Yves Latour*
- 1966 Editorial: Is Redistribution Important in Sestamibi Myocardial Imaging?**  
*Abdulmassih S. Iskandrian*
- 1968 Tomographic Myocardial Perfusion Imaging with Technetium-99m-Teboroxime at Rest and After Dipyridamole**  
*Quan -Sheng Li, Gregoire Solot, Terry L. Frank, Henry N. Wagner, Jr., and Lewis C. Becker*
- 1977 Increased Accumulation of Hexakis (2-methoxyisobutylisonitrile)Technetium(I) in Osteosarcoma and Its Metastatic Lymph Nodes**  
*Biray Caner, Mehmet Kitapçı, Tülin Aras, Gunaydin Erbeni, Ömer Ugur, and Coşkun Bekdik*
- 1979 The Effect of Flow on Technetium-99m-Teboroxime (SQ30217) and Thallium-201 Extraction and Retention in Rabbit Heart**  
*Robert C. Marshall, Edwin M. Leidholdt, Jr., Dan-Ya Zhang, and Charles A. Barnett*
- 1988 Editorial: Is There Additional Useful Information in the Myocardial Washout Characteristics of Teboroxime?**  
*Adrian D. Nunn*
- 1992 Enhancement by Tetraphenylborate of Technetium-99m-MIBI Uptake Kinetics and Accumulation in Cultured Chick Myocardial Cells**  
*David Piwnica-Worms, James F. Kronauge, and Mary L. Chiu*
- 2000 Demonstration of Differential Post-Stenotic Myocardial Technetium-99m-Teboroxime Clearance Kinetics After Experimental Ischemia and Hyperemic Stress**  
*Richard E. Stewart, Betty Heyl, Robert A. O'Rourke, Ralph Blumhardt, and D. Douglas Miller*

### FIRST IMPRESSIONS

A gallium scan before treatment (top) and after treatment (bottom) was performed on a patient with HIV. What happened to the liver uptake before treatment?  
Page 1887.



- 2009 Editorial: Differential Myocardial Washout of Technetium-99m-Teboroxime: Mechanism and Significance**  
*Henry Gewirtz*
- 2012 A Review of Cardiac Imaging with Sestamibi and Teboroxime**  
*Jeffrey A. Leppo, E. Gordon DePuey, and Lynne L. Johnson*

### DEPARTMENTS

- 1909 Self-Study Test**
- 1917 15/30**
- 1999 Errata**
- 2023 Letters to the Editor**
- 33A Calendar**
- 36A Classified Advertising**
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