



Official Publication of  
the Society of Nuclear Medicine

SNM NEWSLINE

- XXN **HCFA Cuts: Postponed but Not Forgotten**
- XXN **In Stealth Move, 10 CFR Part 35 Approved by NRC**  
*William Uffelman and Amanda Sullivan*
- XXN **Parkinson's Disease: Nuclear Medicine in the Spotlight**  
*Nancy Knight*
- XXN **High Country Nuclear Medicine Conference: Focus on the Future**
- XXN **SNM Publishes Clinician's Guide to Nuclear Medicine**
- XXN **Public Affairs Update**  
*William Uffelman and Amanda Sullivan*
- XXN **Newsbriefs**

CLINICAL INVESTIGATIONS

- 1935 **"False-Positive" Myocardial Perfusion Scintigraphy Findings in Patients with Angiographically Normal Coronary Arteries: Insights from Intravascular Sonography Studies**  
*Edoardo Verna, Luca Ceriani, Luca Giovanella, Giovanni Binaghi, and Silvana Garancini*
- 1941 **Three-Dimensional Color-Modulated Display of Myocardial SPECT Perfusion Distributions Accurately Assesses Coronary Artery Disease**  
*Cesar A. Santana, Ernest V. Garcia, Johnathan P. Vansant, Elizabeth G. Krawczynska, Russell D. Folks, C. David Cooke, and Tracy L. Faber*
- 1947 **Evaluation of Renal Function with <sup>99m</sup>Tc-MAG3 Using Semiautomated Regions of Interest**  
*Yusuke Inoue, Kohki Yoshikawa, Naoki Yoshioka, Toshiaki Watanabe, Shigeki Saegusa, Yoshihiro Kaneko, Ikuo Yokoyama, and Kuni Ohtomo*
- 1955 **Diuretic MAG3 Scintigraphy (F<sub>0</sub>) in Acute Pyelonephritis: Regional Parenchymal Dysfunction and Comparison with DMSA**  
*George N. Sfakianakis, Felipe Cavagnaro, Gaston Zilleruelo, Carolyn Abitbol, Brenda Montane, Mike Georgiou, Shabbir Ezuddin, William Mallin, Efrosyni Sfakianakis, and Jose Strauss*
- 1964 **Ipsilateral and Contralateral Thalamic Hypometabolism as a Predictor of Outcome After Temporal Lobectomy for Seizures**  
*Andrew B. Newberg, Abass Alavi, Jesse Berlin, P. David Mozley, Michael O'Connor, and Michael Sperling*
- 1969 **Detection of Esophagitis by <sup>99m</sup>Tc-Methoxyisobutylisonitrile Chest SPECT**  
*Chia-Hung Kao, Jih-Fang Hsieh, Shih-Chuan Tsai, Yung-Jen Ho, and Shung-Shung Sun*
- 1973 **Diagnostic Accuracy of <sup>99m</sup>Tc-Sestamibi Breast Imaging: Multicenter Trial Results**  
*Iraj Khalkhali, Javier Villanueva-Meyer, Steven L. Edell, James L. Connolly, Stuart J. Schnitt, Janet K. Baum, Mary J. Houlihan, Rhonda M. Jenkins, and Stephen B. Haber*
- 1980 **Nodal Staging of Lymphoma with Whole-Body PET: Comparison of [<sup>11</sup>C]Methionine and FDG**  
*Eija Sutinen, Sirkku Jyrkkio, Matti Varpula, Paula Lindholm, Tove Grönroos, Pertti Lehtikoinen, Mika Teräs, and Heikki Minn*
- 1989 **Influence of Thyroid-Stimulating Hormone Levels on Uptake of FDG in Recurrent and Metastatic Differentiated Thyroid Carcinoma**  
*Florian Moog, Rainer Linke, Niklas Manthey, Reinhold Tiling, Peter Knesewitsch, Klaus Tatsch, and Klaus Hahn*
- 1996 **Invited Commentary: FDG PET in Thyroid Cancer: Thyroxine or Not?**  
*Frank Grünwald and Hans-Jürgen Biersack*
- 1999 **Phase I Therapy Study of <sup>186</sup>Re-Labeled Chimeric Monoclonal Antibody U36 in Patients with Squamous Cell Carcinoma of the Head and Neck**  
*David R. Colnot, Jasper J. Quak, Jan C. Roos, Arthur van Lingen, Abraham J. Wilhelm, Gerard J. van Kamp, Peter C. Huijgens, Gordon B. Snow, and Guus A.M.S. van Dongen*
- 2011 **Invited Commentary: How Far Have We Come with Solid (Nonhematologic) Tumor Radioimmunotherapy?**  
*Hazel B. Breitz*

## CONTINUING EDUCATION

- 2015 **Different Approaches to Bone Densitometry**  
*Ignac Fogelman and Glen M. Blake*

## BASIC SCIENCE INVESTIGATIONS

- 2026 **Evaluation of the Early Effect of Local Irradiation on Normal Rodent Bone Marrow Metabolism Using FDG: Preclinical PET Studies**  
*Tatsuya Higashi, Susan J. Fisher, Raya S. Brown, Kunihiro Nakada, Gail L. Walter, and Richard L. Wahl*
- 2036 **Invited Commentary: Local and Distant Effects of Radiotherapy on FDG Accumulation in Bone Marrow**  
*James R. Ballinger*
- 2038 **Effect of a Diagnostic Dose of 185 MBq  $^{131}\text{I}$  on Postsurgical Thyroid Remnants**  
*M<sup>a</sup> Teresa Bajén, Salvador Mañé, Antonio Muñoz, and José Ramón García*
- 2043 **Marrow-Sparing Effects of  $^{117\text{m}}\text{Sn}(4+)$ Diethylenetriaminepentaacetic Acid for Radionuclide Therapy of Bone Cancer**  
*Anupam Bishayee, Dandamudi V. Rao, Suresh C. Srivastava, Lionel G. Bouchet, Wesley E. Bolch, and Roger W. Howell*
- 2051 **Nonuniform Transmission in Brain SPECT Using  $^{201}\text{Tl}$ ,  $^{153}\text{Gd}$ , and  $^{99\text{m}}\text{Tc}$  Static Line Sources: Anthropomorphic Dosimetry Studies and Influence on Brain Quantification**  
*Koen Van Laere, Michel Koole, Tomi Kauppinen, Myriam Monsieurs, Luc Bouwens, and Rudi Dierck*
- 2063 **Visualization of Myocardial Phosphoinositide Turnover with 1-[ $^{11}\text{C}$ ]-Butyryl-2-Palmitoyl-rac-Glycerol in Rats with Myocardial Infarction**  
*Masanobu Chida, Yutaka Kagaya, Yoshio Imahori, Shigeto Namiuchi, Ryou Fujii, Mitsumasa Fukuchi, Chikako Takahashi, Fumiaki Tezuka, Tatsuo Ido, and Kunio Shirato*
- 2069 **Reproducibility of Repeated Measures of Cholinergic Terminal Density Using [ $^{18}\text{F}$ ](+)-4-Fluorobenzyltrozamicol and PET in the Rhesus Monkey Brain**  
*H. Donald Gage, Mary Lou Voytko, Richard L.E. Ehrenkaufner, Joseph R. Tobin, Simon M.N. Efange, and Robert H. Mach*

- 2077 **Effect of Protein Binding on Renal Extraction of  $^{131}\text{I}$ -OIH and  $^{99\text{m}}\text{Tc}$ -Labeled Tubular Agents**  
*Dennis Eshima, Lorie Eshima, Lory Hansen, Malgorzata Lipowska, Luigi G. Marzilli, and Andrew Taylor, Jr.*

- 2083 **Effects of Statistical Noise on Graphic Analysis of PET Neuroreceptor Studies**  
*Mark Slifstein and Marc Laruelle*

- 2089 **Radionuclides Linked to a CD74 Antibody as Therapeutic Agents for B-Cell Lymphoma: Comparison of Auger Electron Emitters with  $\beta$ -Particle Emitters**  
*Serengulam V. Govindan, David M. Goldenberg, Sammy E. Elsamra, Gary L. Griffiths, Gaik Lin Ong, Martin W. Brechbiel, Jack Burton, George Sgouros, and M. Jules Mattes*

## DEPARTMENTS

- 1946 **Erratum**
- 2098 **Book Review**
- 2099 **Letters to the Editor**
- 11 **Author and Subject Indexes**
- XXA **Information for Authors**
- XXA **Calendar**
- XXA **Classifieds**
- XXA **Direct Response**

## JNM ON LINE

**Continuing Education Article: Different Approaches to Bone Densitometry**  
[www.snm.org/education/ce\\_online.html](http://www.snm.org/education/ce_online.html)

**December JNM Table of Contents and Abstracts**  
[www.snm.org/about/oldjnmabs/jnm\\_abscurr.html](http://www.snm.org/about/oldjnmabs/jnm_abscurr.html)

**Newsline On Line**  
[www.snm.org/about/news\\_order.html](http://www.snm.org/about/news_order.html)

**Information for Authors**  
[www.snm.org/about/jnm\\_authors.html](http://www.snm.org/about/jnm_authors.html)