



Official Publication of  
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### SNM NEWSLINE

- 9N** New Editor-in-Chief Plans Changes for  
*The Journal of Nuclear Medicine*  
*Tom Ebers*
- 10N** 1998 Annual Meeting Press Conferences  
Produce Limited Coverage of Nuclear Medicine  
But Reach New Media Outlets  
*Carolyn Pemberton*
- 10N** Computer and Instrumentation Council  
Presents Young Investigators Symposium  
*Frederic H. Fahey*
- 11N** Innovative Strategies for Less Common  
Thyroid Cancers  
*Allen Zeyher*
- 14N** CHCPP News  
*Wendy J.M. Smith and Marie Davis*
- 16N** Government Relations Update  
*David Nichols*

### NUCLEAR CARDIOLOGY

- 1481** Comparison of Fluorine-18-FDG with Rest-  
Redistribution Thallium-201 SPECT to Delineate  
Viable Myocardium and Predict Functional  
Recovery After Revascularization  
*Jeroen J. Bax, Jan H. Cornel, Frans C. Visser, Paolo M.  
Fioretti, Arthur van Lingen, Johannes M. Huitink, Abdou  
Elhendy, Don Poldermans, Jos R.T.C. Roelandt and Cees A.  
Visser*
- 1486** Direct Evidence of Impaired Cardiac Sympathetic  
Innervation in Essential Hypertensive Patients with  
Left Ventricular Hypertrophy  
*Taishi Kuwahara, Mareomi Hamada and Kunio Hiwada*
- 1492** Outcome Significance of Thallium-201 and Iodine-  
123-BMIPP Perfusion-Metabolism Mismatch in  
Preinfarction Angina  
*Tomoaki Nakata, Akiyoshi Hashimoto, Hiroshi Kobayashi,  
Kenjiro Miyamoto, Kazufumi Tsuchihashi, Tetsuji Miura  
and Kazuaki Shimamoto*

### NUCLEAR NEUROLOGY

- 1500** Iodine-123-β-CIT and Iodine-123-FPCIT SPECT  
Measurement of Dopamine Transporters in Healthy  
Subjects and Parkinson's Patients  
*John P. Seibyl, Kenneth Marek, Kimberly Sheff, Sami  
Zoghbi, Ronald M. Baldwin, Dennis S. Charney,  
Christopher H. van Dyck and Robert B. Innis*

- 1508** Discordance of Technetium-99m-HMPAO and  
Technetium-99m-ECD SPECT in Herpes Simplex  
Encephalitis  
*Harald Rieck, Cornelia Adewöhler, Karin Lungenschmid  
and Eberhard Deisenhammer*
- 1511** Age-Related Changes in D<sub>2</sub> Receptor Binding with  
Iodine-123-Iodobenzofuran SPECT  
*Masanori Ichise, James R. Ballinger, Fumiko Tanaka,  
Morris Moscovitch, Peter H. St. George-Hyslop, Dennis  
Raphael and Morris Freedman*
- 1518** Decreased Benzodiazepine Receptor Binding in  
Machado-Joseph Disease  
*Masatoshi Ishibashi, Tetsuo Sakai, Toyojiro Matsuishi,  
Yoshiharu Yonekura, Yushiro Yamashita, Toshi Abe,  
Yoshihiro Ohnishi and Naofumi Hayabuchi*
- 1521** Dopamine Transporter Imaging with Fluorine-18-  
FPCIT and PET  
*Ken Kazumata, Vijay Dhawan, Thomas Chaly, Angelo  
Antonini, Claude Margoulef, Abdelfatihe Belakhlef, John  
Neumeyer and David Eidelberg*

### NUCLEAR ONCOLOGY

- 1531** Pulmonary Metastases in Children and  
Adolescents with Well-Differentiated Thyroid  
Cancer  
*Aban Meyer Samuel, Bokka Rajashekharrao and Damayanti  
Harilal Shah*
- 1536** Technetium-99m-Furifosmin in the Follow-Up of  
Differentiated Thyroid Carcinoma  
*K. Brandt-Mainz, S.P. Müller, W. Sonnenschein and  
A. Bockisch*
- 1542** Role of Initial Iodine-131 Whole-Body Scan and  
Serum Thyroglobulin in Differentiated Thyroid  
Carcinoma Metastases  
*Mauro Filesi, Alberto Signore, Guido Ventroni, Francesca  
Fiore Melacrinis and Giuseppe Ronga*
- 1546** Influence of Scanning Doses of Iodine-131 on  
Subsequent First Ablative Treatment Outcome in  
Patients Operated on for Differentiated Thyroid  
Carcinoma  
*Jean-Pierre Muratet, Alain Daver, Jean-François Minier  
and Francis Larra*
- 1551** Intermediate and Long-Term Side Effects of High-  
Dose Radiolodine Therapy for Thyroid Carcinoma  
*Christof Alexander, Jochen B. Bader, Andrea Schaefer,  
Carsten Finke and Carl-Martin Kirsch*
- 1555** Redifferentiation Therapy with Retinoic Acid in  
Follicular Thyroid Cancer  
*Frank Grünwald, Eva Pakos, Hans Bender, Christian  
Menzel, Rolf Otte, Holger Palmedo, Ulrich Pfeifer and  
Hans J. Biersack*
- 1558** Remotely Pollable Geiger-Müller Detector for  
Continuous Monitoring of Iodine-131  
Therapy Patients  
*L.S. Zuckier, B. Boardman and Q.H. Zhao*
- 1563** Technetium-99m-MDP Scintigraphy and Long-Term  
Follow-Up of Treated Primary Malignant Bone  
Tumors  
*Koen Van Laere, Kristien Casier, Dirk Uyttendaele, Wim  
Mondelaers, Carlos De Sadeleer, Maria Simons and Rudi  
Dierckx*

**1570 Iodine-123-Vasoactive Intestinal Peptide Receptor Scanning in Patients with Pancreatic Cancer**  
*Markus Raderer, Amir Kurtaran, Qiong Yang, Susan Meghdadi, Friedrich Vorbeck, Michael Hejna, Peter Angelberger, Gabriela Kornek, Johann Pidlich, Werner Scheithauer and Irene Virgolini*

**1575 Location of a VIPoma by Iodine-123-Vasoactive Intestinal Peptide Scintigraphy**  
*Irene Virgolini, Amir Kurtaran, Maria Leimer, Klaus Kaserer, Markus Peck-Radosavljevic, Peter Angelberger, Peter Hübsch, Milos Dvorak, Peter Valent and Bruno Niederle*

**1579 Indium-111-DTPA-Folate as a Potential Folate-Receptor-Targeted Radiopharmaceutical**  
*Carla J. Mathias, Susan Wang, David J. Waters, John J. Turek, Philip S. Low and Mark A. Green*

**1586 Gallium-67 Scintigraphy Evaluation of Therapy in Non-Hodgkin's Lymphoma**  
*Massimo Gasparini, Emilio Bombardieri, Massimo Castellani, Carlo Tondini, Lorenzo Maffioli, Liliana Devizzi and Paolo Gerundini*

**1590 Impact of Scatter Correction in Planar Scintimammography: A Phantom Study**  
*Irène Buvat, Marie Carmen De Sousa, Mireille Di Paola, Marcel Ricard, Jean Lumbroso and Bernard Aubert*

**1596 Comparison of Iodotyrosines and Methionine Uptake in a Rat Glioma Model**  
*Karl-Josef Langen, Ralf P. Clauss, Marcus Holschbach, Heinz Mühlensiepen, Jürgen C.W. Kiwit, Karl Zilles, Heinz H. Coenen and Hans-W. Müller-Gärtner*

**1600 Midcourse Thallium-201 Scintigraphy to Predict Tumor Response in Bone and Soft-Tissue Tumors**  
*Hisashi Sumiya, Junichi Taki, Hiroyuki Tsuchiya, Akitaka Nonomura, Tsutomu Miyauchi and Norihisa Tonami*

**1605 Intense Muscle Uptake of Gallium-67 in a Patient with Sarcoidosis**  
*Ing Han Liem, Marjolein Drent, Elizabeta Antevska, Robert J.S. Lamers and Guido A.K. Heidendal*

**1608 Biodistribution and Dosimetric Study in Medullary Thyroid Cancer Xenograft Using Bispecific Antibody and Iodine-125-Labeled Bivalent Hapten**  
*Makoto Hosono, Masako N. Hosono, Françoise Kraeber-Bodéré, Anne Devys, Philippe Thédrez, Maryse Fiche, Emmanuel Gautherot, Jacques Barbet and Jean-François Chatal*

#### GENERAL NUCLEAR MEDICINE

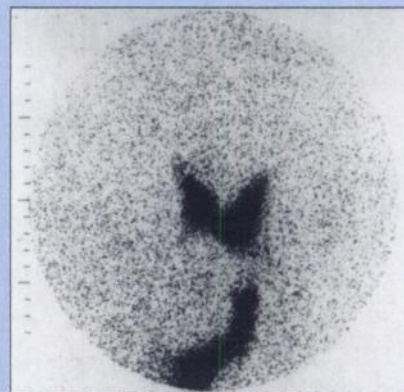
**1614 Prediction of Bone Loss in Patients with Primary Hyperparathyroidism Using Quantitative Bone SPECT**  
*Ora Israel, Sara Gips, Rafael Lubushitzky, Lise Bettman, Galina Iosilevsky, Ruth Hardoff, Elzbieta Baron, Deeb Daoud, Gerald M. Kolodny and Dov Front*

**1617 Technetium-99m-Sestamibi Parathyroid Scintigraphy: Effect of P-Glycoprotein, Histology and Tumor Size on Detectability**  
*Anish Bhatnagar, Phyllis R. Vezza, John A. Bryan, Francis B. Atkins and Harvey A. Ziessman*

**1621 False-Positive Captopril Renography in Patients Taking Calcium Antagonists**  
*Rosaire Claveau-Tremblay, Sophie Turpin, Marc De Braekeleer, Anne Brassard and Richard Leblond*

#### FIRST IMPRESSIONS

A 69-yr-old man with clinical hypothyroidism was referred for thyroid uptake and scan. For acquisition information, turn to page 1650.



**1626 Comparative Study of Technetium-99m-Sestamibi and Thallium-201 SPECT in Predicting Chemotherapeutic Response in Small Cell Lung Cancer**

*Yuka Yamamoto, Yoshihiro Nishiyama, Katashi Satoh, Hitoshi Takashima, Motoomi Ohkawa, Jiro Fujita, Toshiyuki Kishi, Shinsuke Matsuno and Masatada Tanabe*

**1630 Quantitative Analysis of Nonuniform Distributions in Lung Perfusion Scintigraphy**

*Osamu Mitomo, Sakae Aoki, Takeshi Tsunoda, Masafumi Yamaguchi and Hidemasa Kuwabara*

**1635 Lymphoscintigraphy and Lymphangiography of Lymphanglectasia**

*Douglas Howarth and Peter Gloviczki*

**1638 Rat Antigen-Induced Arthritis: Cartilage Alterations Assessed with Iodine-123-Antileukoproteinase**

*Raimund W. Kinne, Philipp Meyer, Winfried Gründer, Eberhard Buchner, Ernesta Palombo-Kinne, Regina Heinzl-Wieland, Wolfgang Becker, Friedrich Wolf, Joachim R. Kalden and Harald Burkhardt*

#### DEPARTMENTS

**1530 First Impressions**

**1613 Request for New Data: MIRD Radionuclide Data and Decay Schemes, second edition**

**1646 Letters to the Editor**

**1651 Erratum**

**1652 Information for Authors**

**18N Notice to Authors Submitting Materials to The Journal of Nuclear Medicine**

**23A Calendar**

**32A Classified Advertising**

**34A JNM Direct Response**