

JNM



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SNM NEWSLINE

- 16N Congress Scrutinizes Looming U.S. Radioisotope Supply Crisis**
J. Rojas-Burke
- 22N Congressional Overseers Report Disturbing Findings to Secretary of Energy**
- 25N Government Will Respond to Those Who Seek Influence**
Dan M. Berkovitz
- 32N News Briefs: NRC Overrides OMB Disapproval of Quality Management Rule; Computer Council Symposium for Young Investigators; Panel to Reconsider DOE's Advanced Neutron Source**

HUMAN STUDIES

- 1727 Evaluation of the Incremental Diagnostic Value and Impact on Patient Treatment of Thallium Scintigraphy**
Wytze P. Oosterhuis, Menco G. Niemeyer, Aaf F.M. Kuijper, Aeilko H. Zwinderman, Arno Breeman, Carl A.P.L. Ascoop, Fred J. Verzijlbergen, Ernst E. van der Wall, and Ernest K.J. Pauwels
- 1732 Editorial: Evaluation of the Incremental Value of a Diagnostic Test: A Worthwhile Exercise in this Era of Cost Consciousness?**
Sanjiv Kaul and George A. Beller
- 1735 Iodine-131-Metaiodobenzylguanidine and Bone Scintigraphy for the Detection of Neuroblastoma**
Barry L. Shulkin, Brahm Shapiro, and Raymond J. Hutchinson
- 1741 Quantitative Measurements of Regional Cerebral Blood Flow using N-Isopropyl-(Iodine-123)p-Iodoamphetamine and Single-Photon Emission Computed Tomography**
Gen Takeshita, Hisato Maeda, Kaori Nakane, Hiroshi Toyama, Eiji Sakakibara, Satoshi Komai, Akira Takeuchi, Sukehiko Koga, Mototsugu Ono, and Tsuyoshi Nakagawa
- 1750 Radioimmunodetection of Occult Carcinoembryonic Antigen-Producing Cancer**
Michael K. Haseman, Donald W. Brown, Christine A. Keeling, and Nancy L. Reed
- 1756 Editorial: Immunoscintigraphy of Colorectal Carcinoma and the Loch Ness Monster**
Angelika Bischof Delaloye
- 1758 Regional Cerebral Perfusion in Landau-Kleffner Syndrome and Related Childhood Aphasia**
Lorcan A. O'Tuama, David K. Urion, Milos J. Janicek, S. Ted Treves, Bruce Bjornson, and John M. Moriarty

- 1766 Colon Carcinoma Immunoscintigraphy by Monoclonal Anti-CEA Antibody Labeled with Gallium-67 Aminoxyacetyldeferoxamine**
Jean E. Ryser, Robert M.L. Jones, Rudolf Egeli, André Pélegrin, Keith Rose, Anne M. Kurt, Maria Perin, Pierre E. Broquet, Patrick Ambrosetti, Igor Fisch, Sibylle Pochon, Alfred Donath, Jean Pierre Mach, and Robin E. Offord

- 1774 Local and Systemic Effects of Radiation on Bone Metabolism Measured by Quantitative SPECT**
Ora Israel, Miguel Gorenberg, Alex Frenkel, Abraham Kuten, Jacqueline Jerushalmi, Gerald M. Kolodny, and Dov Front

- 1780 Editorial: Does Radiotherapy Affect Regional Bone Formation?**
N. David Charkes and Craig Silverman

- 1783 Planar Myocardial Perfusion Imaging with Technetium-99m-Teboroxime for the Diagnosis of Coronary Artery Disease: Comparison by Vascular Territory with Thallium-201 and Coronary Angiography**
Seth T. Dahlberg, Howard Weinstein, Robert C. Hendel, Brenda McSherry, and Jeffrey A. Leppo

- 1789 Brain SPECT and the Effect of Cerebral Angioplasty in Delayed Ischemia due to Vasospasm**
David H. Lewis, Joseph M. Eskridge, David W. Newell, M. Sean Grady, Wendy A. Cohen, Robert W. Dalley, Dewey Loyd, Anne Grothaus-King, Pamela Young, and H. Richard Winn

- 1797 Functional Imaging of Peripheral Vascular Disease: A Comparison Between Exercise Whole-Body Thallium Perfusion Imaging and Contrast Arteriography**
George M. Segall, Elvira V. Lang, Shelly E. Lennon, and C. Drew Stevick

- 1801 Detection and Localization of Parathyroid Adenomas in Patients with Hyperparathyroidism Using a Single Radionuclide Imaging Procedure with Technetium-99m-Sestamibi (Double-Phase Study)**
Raymond Taillefer, Yvan Boucher, Claude Potvin, and Raymond Lambert

- 1807 Editorial: Parathyroid Imaging—Current Status and Future Prospects**
E. James Potchen

LABORATORY STUDIES

- 1810 Localization of Infection Using Streptavidin and Biotin: An Alternative to Nonspecific Polyclonal Immunoglobulin**
Mary Rusckowski, Benjamin Fritz, and Donald J. Hnatowich
- 1816 Editorial: New Methods for Localizing Infection: A Role for Avidin-Biotin?**
D.A. Goodwin
- 1819 Comparison of Regional Blood-Brain Transport Kinetics Between Glucose and Fluorodeoxyglucose**
James L. Lear and Robert F. Ackerman
- 1825 A Quantitative Autoradiographic Study of the Heterogenous Activity Distribution of Different Indium-111-Labeled Radiopharmaceuticals in Rat Tissues**
Bo-Anders Jönsson, Sven-Erik Strand, and Bengt S. Larsson

1833 Editorial: Quantitative Autoradiography for the Study of Radiopharmaceutical Uptake and Dose Heterogeneity

Peter L. Roberson

1836 Technetium-99m-N1-(2-Mercapto-2-Methylpropyl)-N2-(2-Propargylthio-2-Methylpropyl)-1,2-Benzenediamine (T691): Preclinical Studies of a Potential New Tracer for Regional Cerebral Perfusion

Stephen F. Taylor, Kirk A. Frey, Ronald M. Baldwin, Stephen M. Papadopoulos, Neil A. Petry, W. Leslie Rogers, Bill J. McBride, Janice M. Kerr, and David E. Kuhl

1843 Editorial: Mapping Cerebral Blood Flow

Peter J. Ell

CASE REPORTS

1846 Major Upward Creep of the Heart During Exercise Thallium-201 Myocardial SPECT in a Patient with Chronic Obstructive Pulmonary Disease

Zuo-Xiang He, Jacques Darcourt, José Benoliel, Octave Migneco, Jacques Magné, and Françoise Bussière-Lapalus

1848 Pelvic Radiiodine Uptake in a Rectal Wall Teratoma After Thyroidectomy for Papillary Carcinoma

Mark Lakshmanan, James C. Reynolds, Silvana Del Vecchio, Maria J. Merino, Jeffrey A. Norton, and Jacob Robbins

1851 Gallium-67-Citrate Scanning in Patients with Sarcoid Uveitis

Takao Mochizuki, Katsutoshi Ichijo, Yasuo Takehara, Mikae Nakamura

1854 Scintigraphy of Torsion in Trichorchidism

Mark Tulchinsky and Douglas F. Egli

1857 Thallium-201 Accumulation by Epidermoid Inclusion Cyst

R. Paul Bordlee and Ray W. Ware

METHODOLOGY

1859 Sensitivity, Resolution and Image Quality with a Multi-Head SPECT Camera

Frederic H. Fahey, Beth A. Harkness, John W. Keyes, Jr., Mark T. Madsen, Christina Battisti, and Valerie Zito

1864 Fatty Acid Kinetics in Aerobic Myocardium: Characteristics of Tracer Carbon Entry and Washout and Influence of Metabolic Demand

Stephen N. Nellis, A James Liedtke, and Britta Renstrom

1875 Correction for Attenuation in Technetium-99m-HMPAO SPECT Brain Imaging

Brad J. Kemp, Frank S. Prato, Geoff W. Dean, R. Larry Nicholson, and Lionel Reese

1881 Description of a Prototype Emission-Transmission Computed Tomography Imaging System

Thomas F. Lang, Bruce H. Hasegawa, Soo Chin Liew, J. Keenan Brown, Stephen C. Blankespoor, Susan M. Reilly, Eric L. Gingold, and Christopher E. Cann

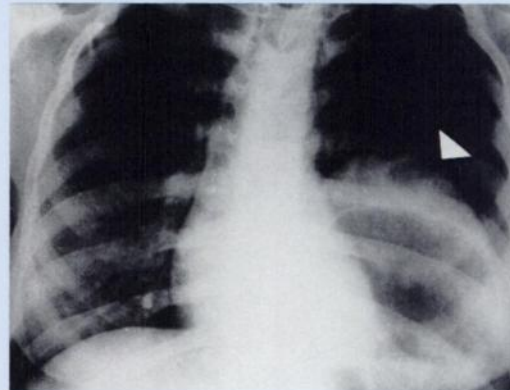
CONTINUING EDUCATION

1888 Functional Brain SPECT: The Emergence of a Powerful Clinical Method

B. Leonard Holman and Michael D. Devous

FIRST IMPRESSIONS

What tracer procedures could you use to evaluate this?
For acquisition information, turn to page 1880.



CLINICOPATHOLOGIC CONFERENCES

1905 Predictive Value of Dipyridamole Thallium Imaging in a Patient with Myocardial Bridging but Without Fixed Obstructive Coronary Artery Disease

S. Mitchell Rivitz and Tsunehiro Yasuda

DEPARTMENTS

1765 Self-Study Test

1914 Letters to the Editor

Book Reviews

1918 Handbook of Nuclear Medicine, Volume 2: Heart

Reviewed by James A. Scott

1918 Nuclear Medicine: A Teaching File

Reviewed by James A. Scott

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