



Official Publication of
the Society of Nuclear Medicine

SNM NEWSLINE

- 17N Nuclear Medicine Practitioners Turn Critical Eye on Managed Care**
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- 21N Commentary: Quality Assurance under Health Care Reform**
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- 22N Nuclear Medicine Comes to Network Television**
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- 1731 Imaging Arterial Thrombosis: Comparison of Technetium-99m-Labeled Monoclonal Antifibrin Antibodies and Indium-111-Platelets**
John R. Stratton, Manuel D. Cerqueira, Timothy A. Dewhurst and Ted R. Kohler
- 1738 Editorial: Will a Radiolabeled Antibody Replace Indium-111-Platelets to Detect Active Thrombosis?**
James E. Seabold and Scott F. Rosebrough
- 1741 Scintigraphic Detection of Melanoma Metastases with a Radiolabeled Benzamide ([Iodine-123]-(S)-IBZM)**
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- 1748 Flare on Bone Scintigraphy Following Taxol Chemotherapy for Metastatic Breast Cancer**
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- 1753 Iodine-123-MIBG SPECT Versus Planar Imaging in Children with Neural Crest Tumors**
Michael J. Gelfand, Abdelhamid H. Elgazzar, Vesna Martich Kriss, Pamela R. Masters and Gregory J. Golsch
- 1758 Abnormal Free Fatty Acid Uptake in Subacute Myocardial Infarction After Coronary Thrombolysis: Correlation with Wall Motion and Inotropic Reserve**
Philippe R. Franken, Frank De Geeter, Paul Dendale, Doris Demoor, Pierre Block and Axel Bossuyt

- 1766 Evaluation of Left Ventricular Asynchrony by Radionuclide Angiography: Comparison of Phase and Sector Analysis**
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- 1771 Semiquantitative and Visual Analysis of FDG-PET Images in Pulmonary Abnormalities**
Val J. Lowe, John M. Hoffman, David M. DeLong, Edward F. Patz, Jr. and R. Edward Coleman
- 1777 Evaluation of Emission-Transmission Registration in Thoracic PET**
J.N. Yu, F.H. Fahey, B.A. Harkness, H.D. Gage, C.G. Eades and J.W. Keyes, Jr.
- 1781 Editorial: Image Correlation: Applications in Nuclear Medicine and Beyond**
George T.Y. Chen and Charles A. Pelizzari
- 1782 Randomized Controlled Trial for Hepatocellular Carcinoma with Portal Vein Thrombosis: Intra-arterial Iodine-131-Iodized Oil Versus Medical Support**
Jean-Luc Raoul, Dominique Guyader, Jean-François Bretagne, Régis Duvauferrier, Patrick Bourquet, Dje-mal Bekhechi, Yves M. Deugnier and Michel Gosselin
- 1788 Quantitative Analysis of Technetium-99m-Methylene Diphosphonate Uptake in Unilateral Hydroxyapatite-Coated Total Hip Prostheses: First Year of Follow-up**
Ali I.A. Rahmy, Alfons J. Tonino and Wie Djin Tan
- 1792 Deconvolution Analysis of Renal Blood Flow: Evaluation of Postrenal Transplant Complications**
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HUMAN DOSIMETRY

- 1797 Iodine-131 in Breast Milk Following Therapy for Thyroid Carcinoma**
P.S. Robinson, P. Barker, A. Campbell, P. Henson, I. Surveyor and P.R. Young

CASE REPORTS

- 1802 Transient Neurological Events During Dipyridamole Stress Test: An Arterial Steal Phenomenon?**
David Schechter, Moshe Bocher, Yacov Berlatzky, Haim Anner, Zohar Argov, Gideon Beer, Yodphat Krausz, Mervyn S. Gotsman and Roland Chisin
- 1805 Demonstration of Viable, Stunned Myocardium with Technetium-99m-Sestamibi**
Jeffrey I. Leavitt, Nathan Better, Donald E. Tow and Thomas P. Rocco

1808 Coronary Arteriovenous Fistula as a Cause for Reversible Thallium-201 Perfusion Defect

Thomas P. Glynn, Jr., Robert G. Fleming, Jeffery L. Haist and Roy K. Huntzman

1811 Detection of Multiple Thromboembolism in Congenital Antithrombin III Deficiency with Indium-111-Platelet Scintigraphy

Kazuo Kawasaki, Kengo Gohchi, Yoshio Kuniyasu, Juzo Matsuda and Tadatashi Kinoshita

LABORATORY STUDIES

1815 Display of Merged Multimodality Brain Images Using Interleaved Pixels with Independent Color Scales

Kelly Rehm, Stephen C. Strother, Jon R. Anderson, Kirt Schaper and David A. Rottenberg

1822 Validation of the Transporter Ligand Cyanoimipramine as a Marker of Serotonin Innervation Density in Brain

Jean-Paul Soucy, Francine Lafaille, Pierrette Lemoine, Abdelgahni Mrini and Laurent Descarries

1831 Effect of Blood-Brain Barrier Disruption on Intact and Fragmented Monoclonal Antibody Localization in Intracerebral Lung Carcinoma Xenografts

Edward A. Neuwelt, Peggy A. Barnett, Karl E. Hellström, Ingegerd Hellström, Christopher I. McCormick and Fred L. Ramsey

1842 Flurodeoxyglucose Uptake In Vitro: Aspects of Method and Effects of Treatment with Gemcitabine

Uwe Haberkorn, Iris Morr, Franz Oberdorfer, Matthias E. Bellemann, Johannes Blatter, Annette Altman, Barbara Kahn and Gerhard van Kaick

1851 Effect of Metabolism on Retention of Indium-111-Labeled Monoclonal Antibody in Liver and Blood

Seigo Kinuya, Jae Min Jeong, Kayhan Garmestani, Tsuneo Saga, Luigi Camera, Martin W. Brechbiel, Otto A. Gansow, Jorge A. Carrasquillo, Ronald D. Neumann and Chang H. Paik

1858 Editorial: Progress and Promise

Donald A. Rauh

METHODOLOGY

1861 Application of the Linear-Quadratic Model to Radioimmunotherapy: Further Support for the Advantage of Longer-Lived Radionuclides

Roger W. Howell, S. Murty Goddu and Dandamudi V. Rao

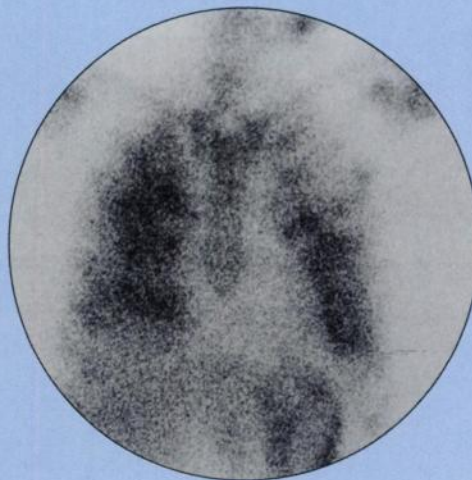
1870 Simplified Nonlinearity Correction of Oxygen-15-Water Regional Cerebral Blood Flow Images without Blood Sampling

Marco A. Mejia, Masatoshi Itoh, Hiroshi Watabe, Takehiko Fujiwara and Takashi Nakamura

FIRST IMPRESSIONS

A 50-yr-old woman with soft-tissue sarcoma of the left mandible was given a radionuclide bone scan to assess local bone involvement and possible distant bone metastasis prior to surgery.

For acquisition information, turn to page 1765.



1878 Editorial: Noninvasive Estimation of Cerebral Blood Flow

Adriaan A. Lammertsma

1880 Synthetic Copolymer Kit for Radionuclide Blood-Pool Imaging

Alexei A. Bogdanov, Jr., Ronald J. Callahan, Robert A. Wilkinson, Christopher Martin, Jennifer A. Cameron, Alan J. Fischman, Thomas J. Brady and Ralph Weissleder

DEPARTMENTS

1740 Erratum

1887 Book Reviews

Atlas of Radiologic Anatomy

Reviewed by James A. Scott

Radiation Protection of Patients

Reviewed by David R. Brill

1887 Books Received

1888 Erratum

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