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The Society of Nuclear Medicine

SNM NEWSLINE

13N 1994 Annual Meeting Highlights: Disease as Dissonance

Henry N. Wagner, Jr., MD

26N Visions and Revisions: Viewpoints of Nuclear Medicine and Health Care Reform/Part 3: The Physician Workforce

Lantz Miller

29N Trustees Pass Resolutions on Informed Consent, Ethics, Procedures

30N Commentary: The Wide World of Internet

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1237 Reproducibility of Thallium-201 Exercise SPECT Studies

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1245 Thallium-201-Dipyridamole Imaging: Comparison between a Standard Dose and a High Dose of Dipyridamole in Detection of Coronary Artery Disease

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1254 Evaluation of Coronary Artery Disease Using Technetium-99m-Sestamibi First-Pass and Perfusion Imaging with Dipyridamole Infusion

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1265 Compartmental Analysis of Technetium-99m-Teboroxime Kinetics Employing Fast Dynamic SPECT at Rest and Stress

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1274 Sublingual Isosorbide Dinitrate to Improve Technetium-99m-Teboroxime Perfusion Defect Reversibility

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1279 Kinetics of Iodine-123-BMIPP in Patients with Prior Myocardial Infarction: Assessment with Dynamic Rest and Stress Images Compared with Stress Thallium-201 SPECT

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1286 Modeling of Carbon-11-Acetate Kinetics by Simultaneously Fitting Data from Multiple ROIs Coupled by Common Parameters

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1292 First-Pass Ventricular Ejection Fraction Using a Single-Crystal Nuclear Camera

Kenneth Nichols, E. Gordon DePuey, Nihal Gooneratne, Helene Salensky, Marvin Friedman and Steven Cochoff

1301 Editorial: The First-Pass Ventricular Function Study: Why Now?

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1303 Diagnosis of Prosthetic Vascular Graft Infection by Technetium-99m-HMPAO-Labeled Leukocytes

Enrique Prats, Javier Banzo, Maria D. Abós, Fausto Garcia Lopez, Teresa Escalera, Mercedes Garcia-Miralles, Raquel Gaston and Maria J. Asenjo

1308 The Dose Uptake Ratio as an Index of Glucose Metabolism: Useful Parameter or Over-simplification?

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1313 Selective Internal Radiation Therapy with Intra-arterial Iodine-131-Lipiodol in Inoperable Hepatocellular Carcinoma

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1318 Editorial: Iodine-131-Lipiodol for Hepatocellular Carcinoma: The Benefits of Targeting

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Bernard Brunot, Slavomir Petras, Philippe Germain, Philippe Vinee and André Constantinesco

1328 Early Radionuclide Detection of Intrapulmonary Shunts in Children with Liver Disease

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Carmen E. Gonzalez, Lorraine M. Fig, Maria Cano, Milton D. Gross and Brahm Shapiro

1338 Technetium-99m-Methylene Diphosphonate Uptake in the Fetal Skeleton at 30 Weeks Gestation

Allan F. McKenzie, Ray S. Budd, Charles Yang, Brahm Shapiro and Rodney J. Hicks

1342 Incidental Finding of a Hepatic Lesion: Differential Diagnostic Problems for Fibrolamellar Hepatic Carcinoma

Peter Reuland, Klaus Peter Aicher, Hans-Jürgen Brambs, Gerd Enderle, Ulrich Feine, Hermine-Valerie Gärtner and Paul Weber

1347 Multifocal Osteonecrosis Following Chemotherapy and Short-Term Corticosteroid Therapy in a Patient with Small-Cell Bronchogenic Carcinoma

D.N. Jones

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Yutaka Mori, Philip O. Alderson and Howard L. Berman

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1366 Technetium-99m-Pyrophosphate Uptake as an Indicator of Myocardial Injury without Infarct

Kazumi Okuda, Ryuji Nohara, Masatoshi Fujita, Nagara Tamaki, Junji Konishi and Shigetake Sasayama

1371 Kinetics of a Putative Hypoxic Tissue Marker, Technetium-99m-Nitroimidazole (BMS181321), in Normoxic, Hypoxic, Ischemic and Stunned Myocardium

Hideo Kusuoka, Katsuji Hashimoto, Kazuki Fukuchi and Tsunehiko Nishimura

1377 Bremsstrahlung Radiation Dose in Yttrium-90 Therapy Applications

Michael G. Stabin, Keith F. Eckerman, Jeffrey C. Ryman and Lawrence E. Williams

1381 Planar Gamma Camera Imaging and Quantitation of Yttrium-90 Bremsstrahlung

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1390 High-Resolution PET Imaging and Quantitation of Pharmaceutical Biodistributions in a Small Animal Using Avalanche Photodiode Detectors

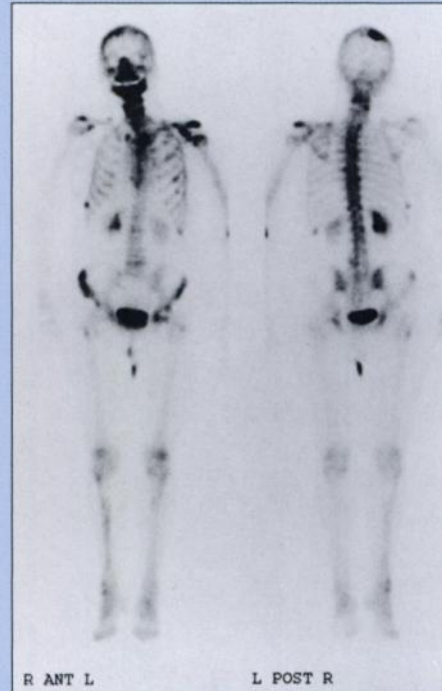
C.J. Marriot, J.E. Cadorette, R. Lecomte, V. Scasnar, J. Rousseau and J.E. van Lier

1396 Editorial: Are Animal Scanners Really Necessary for PET?

Richard Hichwa

FIRST IMPRESSIONS

A 64-yr-old woman with known bone metastases presented with persistent left shoulder pain of 4 wk duration. For acquisition information, turn to page 1253.



TECHNICAL NOTE

1398 Performance Characteristics of a Whole-Body PET Scanner

Timothy R. Degrado, Timothy G. Turkington, J. Jay Williams, Charles W. Stearns, John M. Hoffman and R. Edward Coleman

DEPARTMENTS

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