SNM NEWSLINE

NRC Gives Advance Notice of Proposed Training Rules
Karla Harby ............................................. 1159

Radiation Exposure Risks Reconsidered
in Light of Revised Atomic Bomb Data
Karla Harby ............................................. 1162

Sabah S. Tuneh Receives 8th Tetotalman Memorial Award ...... 1165

News Briefs: Harvard RVS to Go to HHS in July;
House Votes Increase in DOE Appropriation
for Nuclear Medicine; Waste Compact for Appalachia
Receives Approval; Technologists Support Reauthorization Act;
USCEA to Launch SI Education Plan; JNM Editor Sought .... 1167

CLINICAL SCIENCES

Pitfalls in Establishing the Diagnosis of Deep Venous
Thrombophlebitis by Indium-111 Platelet Scintigraphy
James E. Seabold, Gary R. Conrad, Debra A. Kimball, James A. Ponto,
and John A. Bricker ........................................ 1169

Value and Limitation of Stress Thallium-201 Single Photon
Emission Computed Tomography: Comparison with Nitrogen-13
Ammonia Positron Tomography
Nagara Tamaki, Yoshihara Yonekura, Michio Senda, Keiji Yamashita,
Harutoshi Koide, Hideo Saji, Tetsuo Hashimoto, Tetsuro Fudo,
Hirofumi Kambara, Chiuchi Kawai, and Junji Konishi ...... 1181

Comparison of Technetium-99m MAG3 with Iodine-131 Hippuran
by a Simultaneous Dual Channel Technique
Charles D. Russell, Brett Thorstad, Michael V. Yester, Marian Stutzman,
Tim Baker, and Eva Dubovsky .................................... 1189

Localizaton of Human Malignant Tumors with Radioiodinated
Recombinant Tissue Plasminogen Activator
Sirrka-Liisa Karonen, Hanna Aronen, Kristian Liewendahl,
Päivi Nikkinen, Matti Mäntyjärvi, and Jan Lindgren .... 1194

Detection of Malignant Melanoma with Iodine-123
Iodoamphetamine
Marvin B. Cohen, Romaine E. Saxson, Ralph R. Lake, Leslie Cagle,
L. Stephen Graham, Anne Nizze, Leslie S. Yamada, Manju Gan,
Gabriella Bronco, Karen Greenwell, and Donald L. Morton .... 1200

Duration of Occupancy of Opiate Receptors by Naltrexone
Myung C. Lee, Henry N. Wagner, Jr., Shuji Tanada, J. James Frost,
Aiden N. Bice, and Robert F. Dannals ......................... 1207

BASIC SCIENCES

Thrombus Imaging with Indium-III and Iodine-131-Labeled
Fibrin-Specific Monoclonal Antibody and Its F(ab)2,
and Fab Fragments
Scott F. Rosebrough, Zachary D. Grossman, John G. McAfee,
Bohdan J. Kudryk, Gopal Subramanian, Catherine A. Ritter-Hrnčířik,
Larry S. Witanowski, Gwen Tillapaugh-Ray, Enrique Urrutia,
and Chris Zapf-Longo ........................................... 1212
Detection of Rejection of Canine Orthotopic Cardiac Allografts with Indium-Ill Lymphocytes and Gamma Scintigraphy
Howard J. Eisen, Michael Rosenbloom, John C. Laschinger, Jeffrey E. Saffitz, James L. Cox, Burton E. Sobel, R. Morton Bolman III, and Steven R. Bergmann ........................ 1223

Myocardial Metabolism of Radioiodinated Methyl- Branched Fatty Acids
Luc Demaison, Francis Dubois, Marcel Apparu, Jean-Paul Mathieu, Michel Vidal, Michel Comet, and Pierre Cuchet .......................... 1230

Radiotracers for Low Density Lipoprotein Biodistribution Studies In Vivo: Technetium-99m Low Density Lipoprotein Versus Radioiodinated Low Density Lipoprotein
Shankar Vallabhjosa, Michael Padi, Juan Jose Badimon, Ngoc-Anh Le, Stanley J. Goldsmith, Valentin Fuster, and Henry N. Ginsberg ............. 1237

In Vivo Kinetics of Canine Leukocytes Labeled with Technetium-99m HM-PAO and Indium-Ill Tropolonate
Bruce H. Mock, Donald S. Schauwecker, Denis English, Kathy A. Young, and Henry N. Wellman ........................................... 1246

The Influence of Tumor Stage and Metastasis on the Biodistribution of Gallium-67 Citrate in the Murine Lewis Lung Carcinoma Model
A. Kanclerz, L.I. Wiebe, K. Luu, and E.E. Knaus ................................ 1252

Bone Healing During Lower Limb Lengthening by Distraction Epiphysiolysis
Peter M. Van Roermund, Anne Hoekstra, Bart M. Ter Haar Romeny, and Willem Renooij ...................................................... 1259

Technical Notes
Iodine-131-Labeled Fibronectin: Potential Agent for Imaging Atherosclerotic Lesion and Thrombus
Akira Uehara, Yoshinari Isaka, Kazuo Hasikawa, Kazufumi Kimura, Takahiro Kozuka, Takenobu Kamada, Hideki Etani, Shoitaro Yoneda, and Masatoshi Imazumi ........................................... 1264

Diffusing Capacity is Not Measurably Affected by Routine Lung Perfusion Scanning
Thomas A. Morris, B. Taylor Thompson, Deborah A. Quinn, Kenneth A. McKusick, Ronald Callahan, and Charles A. Hales ..................... 1268

Effects of Gating Modes on the Analysis of Left Ventricular Function in the Presence of Heart Rate Variation
Jack Juni and Charles C. Chen ..................................................... 1272

Case Reports
Scintigraphic Demonstration of Lower Extremity Periostitis Secondary to Venous Insufficiency
Ronald S. Ginsburg, Akira Kawashima, and Carl M. Sandler .................. 1279

Thallium-201/Technetium-99m-RP-30A Disparity in the Course of Myocardial Infarction After Attempted Reperfusion
James L. Tatum, Roger B. Rehr, Germano DiSciascio, Donald W. Romhilt, and Melvin J. Fratkin ................................................... 1283

CONTINUING EDUCATION
Nuclear Medicine in Pediatric Urology and Nephrology
George Sfakianakis and Eleni Damoulaki Sfakianaki .......................... 1287