

JNM



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- 1749 Comparison of Technetium-99m-HMPAO and Technetium-99m-ECD Cerebral SPECT Images in Alzheimer's Disease**
Christopher H. van Dyck, C. Huie Lin, Eileen O. Smith, Gary Wisniewski, Janet Cellar, Rhonda Robinson, Meena Narayan, Alexandre Bennett, Richard C. Delaney, Richard A. Bronen and Paul B. Hoffer
- 1755 Brain SPECT Evaluation of Patients with Pure Photosensitive Epilepsy**
L. Özlem Kapucu, Kivilcim Gücüyener, Gülin Vural, Gülsen Köse, Ayse Bora Takcaer, Bülent Turgut and Mustafa Ünlü
- 1760 Comparative Nigrostriatal Dopaminergic Imaging with Iodine-123-βCIT-FP/SPECT and Fluorine-18-FDOPA/PET**
Tatsuya Ishikawa, Vijay Dhawan, Ken Kazumata, Thomas Chaly, Francine Mandel, John Neumeyer, Claude Margoueff, Barry Babcheyck, Italo Zanzi and David Eidelberg
- 1766 PET and Parathyroid L-[Carbon-11]Methionine Accumulation in Hyperparathyroidism**
Anders Sundin, Claes Johansson, Per Hellman, Mats Bergström, Håkan Ahlström, Gunilla B. Jacobson, Bengt Långström and Jonas Rastad
- 1771 Speech-Related Visualization of Laryngeal Muscles with Fluorine-18-FDG**
Lale Kostakoglu, Joseph C.H. Wong, Sally F. Barrington, Bernadette F. Cronin, Angela M. Dynes and Michael N. Maisey
- 1773 Advantages of SPECT in Technetium-99m-Sestamibi Parathyroid Scintigraphy**
Claire Billotey, Emile Sarfati, André Aurengo, Michèle Duet, Olivier Mündler, Marie-Elisabeth Toubert, Jean-Didier Rain and Yves Najean
- 1778 Bone Scans in Neurofibromatosis: Neurofibroma, Plexiform Neuroma and Neurofibrosarcoma**
Richard T. Kloos, Vittoria Rufini, Milton D. Gross and Brahm Shapiro

- 1783 Quantitative Comparison of Planar and SPECT Normal Data Files of Thallium-201, Technetium-99m-Sestamibi, Technetium-99m-Tetrofosmin and Technetium-99m-Furifosmin**
Hitoshi Naruse, Edouard Daher, Albert Sinusas, Diwakar Jain, Donna Natale, Jennifer Mattern, Robert Makuch and Frans J.Th. Wackers
- 1789 Imaging Inflammatory Diseases with Neutrophil-Specific Technetium-99m-Labeled Monoclonal Antibody Anti-SSEA-1**
M.L. Thakur, C.S. Marcus, P. Henneman, J. Butler, R. Sinow, L. Diggles, C. Minami, G. Mason, S. Klein and B. Rhodes
- 1795 Left Ventricular Ejection Fraction: Comparison of Results From Planar and SPECT Gated Blood-Pool Studies**
Marissa L. Bartlett, Gopal Srinivasan, W. Craig Barker, Anastasia N. Kitsiou, Vasken Dilsizian and Stephen L. Bacharach
- 1799 Reappraisal of Quantitative Esophageal Scintigraphy by Optimizing Results with ROC-Analyses**
Klaus Tatsch, Winfried A. Voderholzer, Martin J. Weiss, Wilhelm Schröttele and Klaus Hahn
- 1805 Feasibility of Estimating Glomerular Filtration Rate in Children Using Single-Sample Adult Technique**
Hamphey R. Ham and Amnon Piepsz
- 1809 Comparison of FDG-PET and Sestamibi-SPECT in Primary Hyperparathyroidism**
Donald R. Neumann, Caldwell B. Esselstyn, William J. MacIntyre, Raymundo T. Go, Nancy A. Obuchowski, Eric Q. Chen and Angelo A. Licata
- 1815 Four-to-Twenty-four-Hour Uptake Ratio: An Index of Rapid Iodine-131 Turnover in Hyperthyroidism**
Recai Aktay, Karim Rezai, James E. Seabold, Robert S. Bar and Peter T. Kirchner
- 1819 Will Thallium-201 Replace Gallium-67 in Salivary Gland Scintigraphy?**
Ali Syed Arbab, Kiyoshi Koizumi, Sachiko Hiraike, Keiji Toyama, Takao Arai and Tsutomu Araki

CASE REPORTS

- 1824 Cerebral Hypoperfusion in Orthostatic Hypotension with Globally Denervated Myocardium**
Shuji Fukuoka, Kohei Hayashida, Yasuko Nishioeda, Yoshiaki Hirose, Kotaro Miyashita, Shigeo Kawano, Yoriko Shimotsu, Yoshio Ishida and Tsunehiko Nishimura
- 1826 Lung Scan Detection of SVC Clot with Collateral Flow to Liver**
Marvin Schwartz, Lawrence C. Swayne, Robin D. Macaulay and Jeanne R. Schwartz
- 1828 Contrast Nephrotoxicity and the Role of Radionuclide Renal Scan**
Ranju T. Dhawan, Marjorie Foo, Jamshed B. Bomanji, Farokh J. Setna and Peter J. Ell
- 1830 Iodine Concentration by the Thymus in Thyroid Carcinoma**
Francesco Vermiglio, Eric Baudin, Jean Paul Travagli, Bernard Caillou, Philippe Fragu, Marcel Ricard and Martin Schlumberger

LABORATORY STUDIES

- 1832 The Influence of Collimator Characteristics on Quantification in SPECT**
John S. Fleming and Abdulaziz S. Alaamer

- 1836 Metabolic Fate of Iodine-123-BMIPP in Canine Myocardium after Administration of Etomoxir**
Ryohei Hosokawa, Ryuji Nohara, Yasuhisa Fujibayashi, Kazumi Okuda, Motonari Ogino, Tatsuhiko Hata, Masatoshi Fujita, Nagara Tamaki, Junji Konishi and Shigetake Sasayama
- 1841 Lipid Metabolism in the Liver Studied In Vivo with Two Isomers of Labeled Fatty Acid Analogs**
D.L. Feinendegen, U. Ohlenschlaeger, K. Grossmann, M. Holschbach, W.W. Shreeve and L.E. Feinendegen
- 1846 Hepatic Extraction Efficiency and Excretion Rate of Technetium-99m-Mebrofenin in Dogs**
Gregory B. Daniel, Anne Bahr, Jonathan A. Dykes, Robert DeNovo, Karen Young and Gary T. Smith

DOSIMETRY

- 1850 Bladder Wall Radiation Dose in Humans from Fluorine-18-FDOPA**
Vijay Dhawan, Abdeljatihe Belakhlef, William Robeson, Tatsuya Ishikawa, Claude Margouleff, Shugo Takikawa, Thomas Chaly, Ken Kazumata, Donald Margouleff and David Eidelberg
- 1853 Bispecific Antibody and Iodine-131-Labeled Bivalent Hapten Dosimetry in Patients with Medullary Thyroid or Small-Cell Lung Cancer**
Manuel Bardiès, Stéphane Bardet, Alain Faivre-Chauvet, Patrick Peltier, Jean-Yves Douillard, Marc Mahé, Maryse Fiche, Albert Lishona, Françoise Giacalone, Pascal Meyer, Emmanuel Gautherot, Eric Rouvier, Jacques Barbet and Jean-François Chatal
- 1860 Biological Dosimetry in Patients Treated with Iodine-131 for Differentiated Thyroid Carcinoma**
R. M'Kacher, J.D. Legal, M. Schlumberger, P. Voisin, B. Aubert, N. Gaillard and C. Parmentier
- 1865 Structure Distribution Relationship of Iodine-123-Iodobenzamides as Tracers for the Detection of Melanotic Melanoma**
Wolfgang Brandau, Thomas Niehoff, Peter Pulawski, Margot Jonas, Klaus Dutschka, Joachim Sciuk, Heinz H. Coenen and Otmär Schober

CONSENSUS REPORTS

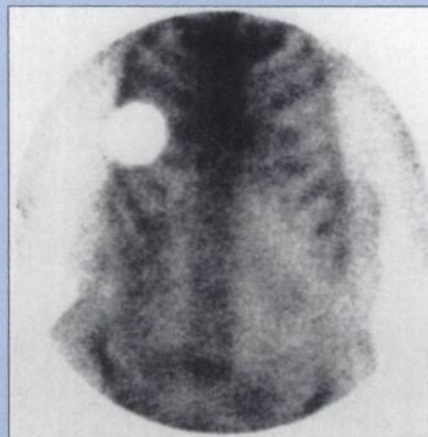
- 1872 Introduction to the Consensus Reports**
Andrew Taylor, M. Donald Blaufox and Patrick O'Reilly
- 1872 Consensus on Diuresis Renography for Investigating the Dilated Upper Urinary Tract**
Patrick O'Reilly, Mattias Aurell, Keith Britton, Klaus Kletter, Leonard Rosenthal and Tito Testa
- 1876 Consensus Report on ACE Inhibitor Renography for Detecting Renovascular Hypertension**
Andrew Taylor, Joseph Nally, Mattias Aurell, Donald Blaufox, Maurizio Dondi, Eva Dubovsky, Eugene Fine, Enza Fommei, Gijsbert Geyskes, Goran Granerus, Daniel Kahn, Kathryn Morton, Hong-Yoe Oei, Charles Russell, George Sfakianakis and James Fletcher
- 1883 Report of the Radionuclides in Nephrourology Committee on Renal Clearance**
M.D. Blaufox, Mattias Aurell, Bernd Bubeck, Enza Fommei, Annon Piepsz, Charles Russell, Andrew Taylor, Henrik S. Thomsen and Duccio Volterrani

METHODOLOGY

- 1891 Attenuation Artifacts in SPECT: Effect of Wrap-Around Lung in 180° Cardiac Studies**
E.V.R. Di Bella, R.L. Eisner, A.B. Barclay, R.E. Patterson and D.J. Nowak

FIRST IMPRESSIONS

Defective photomultiplier tube?
 For acquisition information, turn to page 1845.



- 1896 Automatic Preparation of Radiopharmacokinetic Data for In Vivo Estimation of Receptor Biochemistry**
Jing Chun Xu, David R. Vera and Robert C. Stadnik

POSITION PAPERS

- 1903 Procedure Guideline for Bone Scintigraphy: 1.0**
Kevin J. Donohoe, Robert E. Henkin, Henry D. Royal, Manuel L. Brown, B. David Collier, Robert E. O'Mara and Robert F. Carretta
- 1906 Procedure Guideline for Lung Scintigraphy: 1.0**
J. Anthony Parker, R. Edward Coleman, Barry A. Siegel, H. Dirk Sostman, Kenneth A. McKusick and Henry D. Royal

DEPARTMENTS

- 1765 Erratum**
- 1823 First Impressions**
- 1911 Letters to the Editor**
- 1921 Book Reviews**
- Nuclear Medicine, Robert Henkin, Mark Boles, Gary Dillehay, James Halama, Stephen Karesh, Robert Wagner, Michael Zinner, eds.**
Reviewed by H. William Strauss
- Radiation Protection in the Health Sciences, M.E. Noz, G.Q. Maquire, Jr, eds.**
Reviewed by Pat B. Zanzonico
- Principles of Nuclear Medicine, H.N. Wagner, Jr, Zsolt Szabo, Julia Buchanan, eds.**
Reviewed by Belton A. Burrows
- Nuclear Medicine: Diagnosis and Therapy, John C. Harbert, William C. Eckelman, Ronald D. Neumann, eds.**
Reviewed by Chaitanya Divgi
- 47A New Products**
- 49A Calendar**
- 53A Classified Advertising**
- 54A JNM Direct Response**