The Journal of Nuclear Medicine

JNI

Volume 32, Number 2 • February 1991

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The Official Publication of The Society of Nuclear Medicine, Inc.

Ribose Accelerates Thallium-201 Redistribution in Patients with Coronary Artery Disease

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Long-term Follow-up After Heterotopic Splenic Autotransplantation for Traumatic Splenic Rupture

In 13 traumatized patients, heterotopic splenic autotransplantation to the greater omentum was performed. Long-term follow-up (3-4.5 yr) using labeled heat-damaged autologous erythrocytes showed a significant increase in transplant size, as compared to the examination 1-7 mo after surgery...

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Visual Stimulation Increases Technetium-99m-HMPAO Distribution in Human Visual Cortex

Normative Data for Lumbar Spine Bone Mineral Content in Children: Influence of Age, Height, Weight, and Pubertal Stage

In 136 normal children, BMC was determined with a dual-photon absorptiometer. BMC was calculated as BML (per unit length) and BMD (per unit surface). For the whole group of studied children, the increase in BMC with age, height,

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and weight was best predicted by an exponential regression line analysis. Page 216

Reproducibility of Image Interpretation in Immunoscintigraphy Performed with Indium-111- and Iodine-131-Labeled-OC125 F(ab')₂ Antibody Injected into the Same Patients

Paired immunoscintigraphic examinations were performed on 43 patients with suspected ovarian carcinoma recurrence..... Page 221

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Assessment of Myocardial Perfusion in Patients After the Arterial Switch Operation

Comparison of In Vitro RBC Labeling with the UltraTag® RBC Kit Versus In Vivo Labeling

Myocardial Uptake of Carbon-11-Acetate as an Indirect Estimate of Regional Myocardial Blood Flow

In 22 patients with stable coronary artery disease, regional distribution of early net uptake of ¹¹C-acetate was correlated with estimates of regional myocardial blood flow assessed with ¹⁵O-water..... Page 245

Comparison of 1073 MBq and 3700 MBq Iodine-131 in Postoperative Ablation of Residual Thyroid Tissue in Patients with Differentiated Thyroid Cancer

Blood-Pool Radionuclide Angiography in Patients with a Novacor Left Ventricular Assist Device

Effect of Aortic Sclerosis on Bone Mineral Measurements by Dual-Photon Absorptiometry

Early Scintigraphic Detection of Experimental Myocardial Infarction in Dogs with Technetium-99m-Glucaric Acid

Technetium-99m-glucaric acid retention was studied in canine models of myocardial ischemia, acute myocardial infarction, and chronic infarction. Regional myocardial blood flow was measured by radiolabeled microspheres.

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Localization of Technetium-99m-Glucarate in Zones of Acute Cerebral Injury

Variables Influencing Tumor Uptake of Anti-Melanoma Monoclonal Antibodies Radioiodinated Using the Para-Iodophenyl (PIP) Conjugate

Effect of Coronary Occlusion and Myocardial Viability on Myocardial Activity of Technetium-99m-Sestamibi

In different groups of swine, sestamibi was administered prior to and during coronary artery occlusion and 30 min following reperfusion. Significantly reduced activity in the infarct zone was found to be independent of the tim-

ing of sestamibi administration with respect to the onset of myocardial ischemia and/or reperfusion

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Metabolic Imaging with Gallium-68- and Indium-111-Labeled Low-Density Lipoprotein

In vivo studies that compared ⁶⁸Ga or ¹¹¹In-DTPA-LDL with dilactitol-¹²⁵I-tyramine LDL and ¹³¹I-LDL showed that both ⁶⁸Ga-and ¹¹¹In-labeled LDL behaved as residualizing radiotracers.. *Page 300*

Imaging Histamine H1 Receptors in the Living Human Brain with Carbon-11-Pyrilamine

Distribution and kinetics were examined in vivo in two baboons and one human by PET. The in vivo specific binding to the H1 receptors in different brain regions at 7 min after injection correlated with in vitro H1 histamine receptor distribution in human brain tissue obtained at autopsy....... Page 308

Clincopathologic Conferences: Myocarditis Simulating Myocardial Infarction.... Page 312

Isolated Muscular Sarcoidosis Causing a Fever of Unknown Origin: The Value of Gallium-67 Imaging

In a patient with a long-standing fever of unknown origin, ⁶⁷Ga imaging revealed increased activity only in the calf muscles bilaterally. Other modalities also failed to show chest or other abnormal findings.

Extracranial Metastatic Glioblastoma: Appearance on Thallium-201-Chloride/ Technetium-99m-HMPAO SPECT

Technetium-99m-Methylenediphosphonate (MDP) Uptake in a Sympathetic Effusion: An Index of Malignancy and a Review of the Literature

Gallium Uptake in Tryptophan-Related Pulmonary Disease

A patient developed fever, fatigue, muscle weakness, dyspnea, skin rash, and eosinophilia after taking high doses of tryptophan for insomnia for 2 yr. Gallium scan revealed diffuse increased uptake in the lung and no abnormal uptake in the muscular distribution... Page 328

Delayed Positive Gastrointestinal Bleeding Studies with Technetium-99m-Red Blood Cells: Utility of a Second Injection

Two patients studied with ^{99m}Tc-labeled RBCs for gastrointestinal bleeding had positive findings only on 24-hr delayed images. At the point of active bleeding, the patient was reinjected and the site of extravasation identified.....Page 330

Three-Dimensional Simulations of Mutidetector Point-Focusing SPECT Imaging

Using simulated projection data from a multidetector point-focusing SPECT instrument, the authors have uncovered apparent artifacts in the reconstructed data......... Page 333

A Kit Formulation for Preparation of Iodine-123-IBZM: A New CNS D-2 Dopamine Receptor Imaging Agent

Determination of Weighting Functions for Energy-Weighted Acquisition