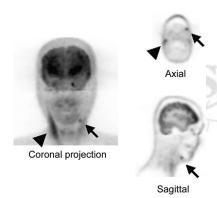
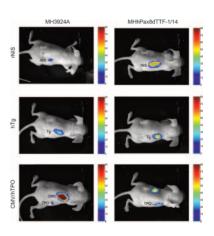
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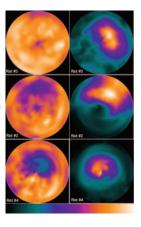
Sciagrà and colleagues report on the use of gated SPECT to assess the effect of abciximab therapy on outcomes after myocardial reperfusion in patients with acute myocardial infarction. ... *Page 722*



Fricke and colleagues evaluate the enhanced accuracy of a SPECT/low-dose CT device in myocardial perfusion scintigraphy and compare results with those from ¹³N-ammonia PET. Page 736

Ishimori and colleagues report on the detection of unexpected ¹⁸F-FDG-avid

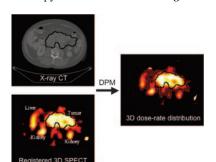




Zhou and colleagues describe the potential of dual-tracer small-animal SPECT in simultaneous imaging of ^{99m}Tc-sestamibi to

assess myocardial perfusion and of ¹¹¹Inlabeled stem cells to delineate stem cell grafts in regions of infarct. Page 816

Dewaraja and colleagues describe the accuracy of ¹³¹I activity quantification and absorbed dose estimation when patient-specific, 3-dimensional methods are used for SPECT reconstruction and ab-



Brasse and colleagues use 3-dimensional whole-body PET simulations and phantom studies to investigate how gains in noise equivalent count rates

Seo and colleagues evaluate an iterative reconstruction algorithm using SPECT/CT data from phantoms and ¹¹¹In-capromab pendetide studies to assess the utility of a commercial SPECT/CT system in imaging of postprostatectomy patients at risk for residual or recurrent disease. Page 868

ON THE COVER

In patients with known cancer, work-ups often focus on the primary disease, and incidental coexistence of another primary malignant lesion can be missed. The prevalence of additional primary neoplasms is substantial. Whole-body PET with ¹⁸F-FDG has been used successfully and with increasing frequency in the evaluation and clinical management of an expanding number of neoplasms. Reports also indicate that ¹⁸F-FDG PET has the potential for cancer screening and can detect new malignant tumors in a small fraction of asymptomatic individuals. Because PET/CT allows precise determination of the location of ¹⁸F-FDG uptake, whole-body studies may be of value in the detection of unexpected additional primary malignant tumors in patients with known or suspected malignancies.

