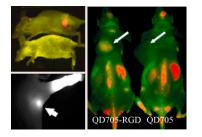
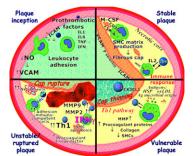
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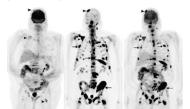
JNM



Toward routine vulnerable plaque imaging: Fox and Strauss offer a perspective on the current status of metabolic imaging of vulnerable plaque in coronary arteries and preview an article on this topic in this issue of *JNM*. *Page 497*

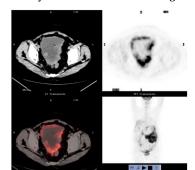


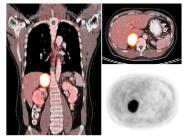
Testing a PET/CT cocktail: Iagaru and colleagues report on the combined administration of ¹⁸F and ¹⁸F-FDG in a single PET/CT study for cancer detection in a range of malignancies. *Page 501*

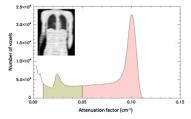


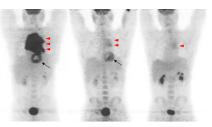
PET/CT evaluation of ascites: Zhang and colleagues compare ¹⁸F-FDG PET/CT with CT alone in determining the unknown pri-

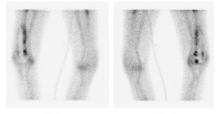
mary cause of ascites and in detecting abdominal cavity metastases. Page 506



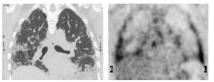




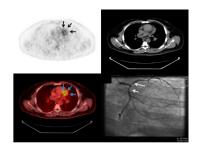




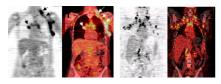
Ant Post **PET/CT in chronic lung disease:** Groves and colleagues evaluate integrated ¹⁸F-FDG PET/CT in idiopathic pulmonary fibrosis and other forms of diffuse parenchymal lung disease and assess patterns of tracer metabolism in these patients. Page 538

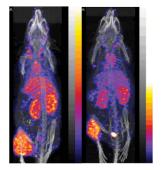


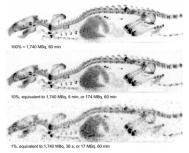
SPECT in stable ischemic heart disease: Gimelli and colleagues compare the capabilities of gated stress/rest myocardial perfusion SPECT with those of a complete diagnostic work-up and other indicators in predicting cardiac events in patients with stable ischemic heart disease. Page 546 Half-time SPECT MPI with AC: Ali and colleagues describe a new algorithm and postprocessing technique facilitating half-time gated myocardial SPECT perfusion imaging with attenuation correction. Page 554

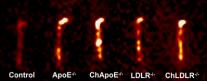
PET/CT imaging of coronary plaque: Wykrzykowska and colleagues report on 

Radiotracer breast cancer imaging: Lee and colleagues provide the first in a 2-part educational overview of current and future radiotracer imaging methods for breast cancer in the context of management strategies and nonnuclear imaging approaches. Page 569

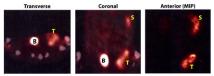


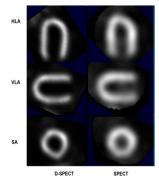


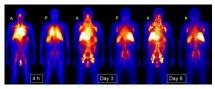




Fibronectin stimulates ¹⁸F-FDG uptake: Paik and colleagues investigate the mechanisms by which matrix fibronectin influ-

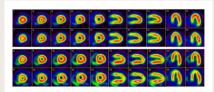






ON THE COVER

This rest/stress ^{99m}Tc-tetrofosmin SPECT study compares 2 acquisition methods. At top is a full-time acquisition reconstructed with ordered-subset expectation maximization without attenuation correction; at bottom is a half-time acquisition reconstructed with ordered-subset expectation maximization and resolution recovery with attenuation correction. No difference in image quality or clinical diagnosis was observed in 96% of cases between the 2 methods.



See Page 557.