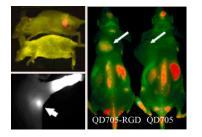
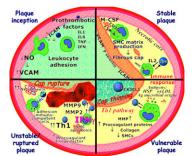
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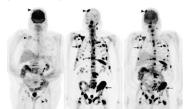
## JNM



**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* 

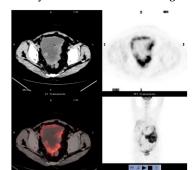


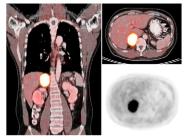
**Testing a PET/CT cocktail:** Iagaru and colleagues report on the combined administration of <sup>18</sup>F and <sup>18</sup>F-FDG in a single PET/CT study for cancer detection in a range of malignancies. ..... *Page 501* 

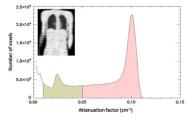


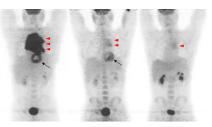
**PET/CT evaluation of ascites:** Zhang and colleagues compare <sup>18</sup>F-FDG PET/CT with CT alone in determining the unknown pri-

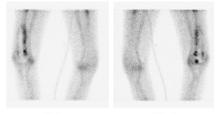
mary cause of ascites and in detecting abdominal cavity metastases. ..... Page 506



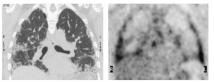




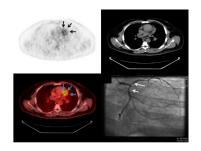




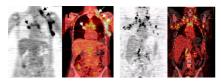
Ant Post **PET/CT in chronic lung disease:** Groves and colleagues evaluate integrated <sup>18</sup>F-FDG PET/CT in idiopathic pulmonary fibrosis and other forms of diffuse parenchymal lung disease and assess patterns of tracer metabolism in these patients. ...... Page 538

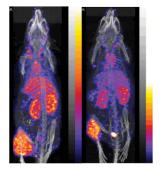


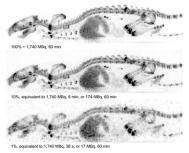
**SPECT in stable ischemic heart disease:** Gimelli and colleagues compare the capabilities of gated stress/rest myocardial perfusion SPECT with those of a complete diagnostic work-up and other indicators in predicting cardiac events in patients with stable ischemic heart disease. . . . . . . . . . Page 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

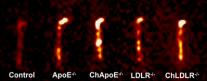
**PET/CT imaging of coronary plaque:** Wykrzykowska and colleagues report on 

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

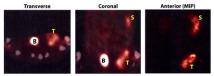


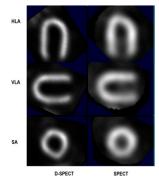


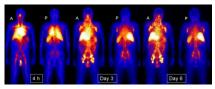




Fibronectin stimulates <sup>18</sup>F-FDG uptake: Paik and colleagues investigate the mechanisms by which matrix fibronectin influ-

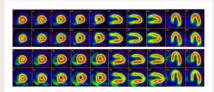






## ON THE COVER

This rest/stress <sup>99m</sup>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.