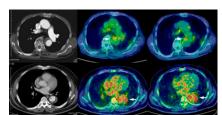
## JNM



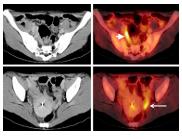
**Cardiac PET:** Rudd provides perspective on the clinical appearance of acute aortic dissection and previews 2 articles in this issue of *JNM* on the utility of PET in predicting adverse outcomes. . . *Page 667* 

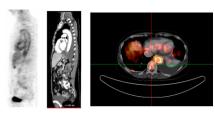
<sup>68</sup>Ga-DOTATOC PET/CT and NETs: Ambrosini and colleagues retrospectively assess the effect of <sup>68</sup>Ga-DOTA-peptide PET/CT on staging and clinical management of patients with neuroendocrine



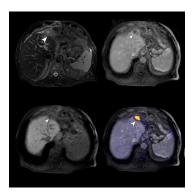
**Bilateral pelvic** <sup>18</sup>F-FDG uptake: Yun and colleagues report on fallopian tube tracer uptake in premenopausal women at mid-menstrual cycle and discuss the re-

lationship of these findings to the presence and influence of estrogen. . . . . Page 682

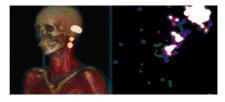




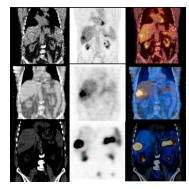
**Fused PET-MRI and liver lesions:** Donati and colleagues compare the accuracy of lesion detection and diagnostic confidence among <sup>18</sup>F-FDG PET/CT, gadolinium-enhanced MRI, and retrospectively fused PET and MR images in suspected liver metastases.... *Page 692* 



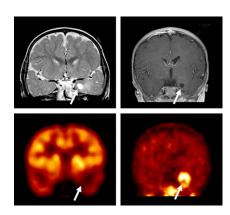
Intraoperative sentinel node imaging: Vermeeren and colleagues introduce and evaluate a portable  $\gamma$ -camera for intraoperative



**Optimal NET imaging:** Binderup and colleagues compare <sup>111</sup>In-DTPA-octreotide somatostatin receptor scintigraphy, scintigraphy with <sup>123</sup>I-MIBG, and <sup>18</sup>F-FDG PET in patients with histologically verified neuroendocrine tumors. . . . . . . . Page 704



<sup>18</sup>F-FDG and <sup>11</sup>C-methionine PET in epilepsy: Phi and colleagues compare these 2 tracers in PET evaluation of children with focal cortical dysplasia and mixed neuronal and glial tumors, where presurgical MRI may be indeterminate...... Page 728



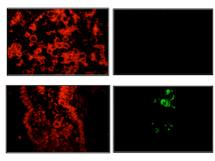
**Radioaerosol choice in V/Q SPECT:** Jögi and colleagues compare <sup>99m</sup>Tc-DTPA and Technegas in ventilation–perfusion SPECT studies in patients with and without obstructive lung disease. . . . . . . . Page 735

Assessing liver function: de Graaf and colleagues provide an educational overview of nuclear imaging techniques, including biochemical and technical backgrounds, for assessment of hepatic function in liver surgery and transplantation. . . . . . Page 742

**Biased PET images:** Son and colleagues look at challenges in PET scanners with elongated fields of view and explore the effects of and remedies for inaccurate attenuation coefficients..... *Page 753* 

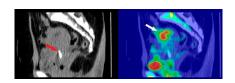
Monitoring antiangiogenic response: Nagengast and colleagues study <sup>89</sup>Zr-bevacizumab PET for early antiangiogenic tumor response evaluation after treatment with the new heat shock protein 90 inhibitor NVP-AUY922. . . . . . Page 761

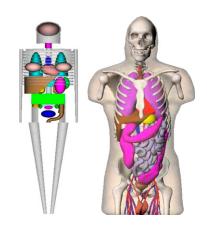
**Folate targeting in atherosclerosis:** Ayala-López and colleagues examine the use of a folate-targeted <sup>99m</sup>Tc-labeled chelate for imaging macrophages that accumulate in atherosclerotic plaques, internalize cholesterol-



<sup>18</sup>F-FDG fetal dosimetry: Zanotti-Fregonara and colleagues calculate the total fetal absorbed

dose in a rare case of <sup>18</sup>F-FDG PET/CT imaging in early pregnancy. . . . . . Page 803







## ON THE COVER

In a study exploring the feasibility of using <sup>11</sup>C-choline to assess inflammation in atherosclerotic plaques, high <sup>11</sup>C-choline uptake was found in the aortic plaques of atherosclerotic mice. Data suggest that macrophages may be responsible for the uptake.

See page 800.

