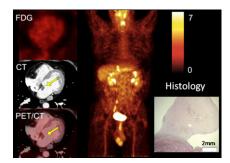
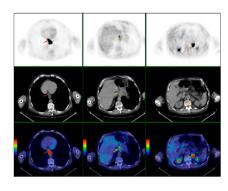
# JNM

**PET/CT and cardiac tumors:** Rahbar and colleagues explore the diagnostic utility of <sup>18</sup>F-FDG PET and the incremental value of an optimized CT score in preoperative assessment of malignancy of cardiac tumors..... *Page 856* 



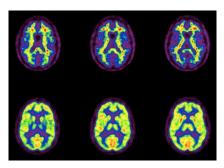
# PET/CT in esophageal cancer staging:



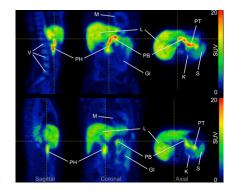
Therapy evaluation in esophageal cancer: Yanagawa and colleagues compare the PERCIST and RECIST response criteria in patients undergoing neoadjuvant chemotherapy for locally advanced esoph-

### 3D SPECT scar models and ablation:

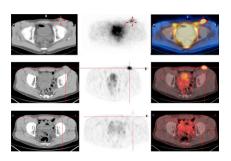
<sup>18</sup>F-FDG and <sup>18</sup>F-florbetapir in AD: Newberg and colleagues compare clinical interpretations of the <sup>18</sup>F-labeled amyloid tracer florbetapir with those of <sup>18</sup>F-FDG PET in healthy volunteers and patients with Alzheimer disease.......... Page 902

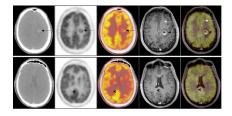


# <sup>18</sup>F-FP-(+)-DTBZ PET of β-cell mass:



# Exercise and muscle <sup>18</sup>F-FDG uptake:





**Radiofluorinated** 5-HT<sub>1A</sub> agonist: Lemoine and colleagues describe the development of the high-affinity 5-HT<sub>1A</sub> receptor agonist <sup>18</sup>F-F13714 and investigate its utility for PET brain imaging of the serotonin 1A receptor..... *Page 969* 

# Attenuation correction in PET/MRI:

<sup>18</sup>F-choline biokinetics and dosimetry: Giussani and colleagues detail a compartmental biokinetic and dosimetric model for <sup>18</sup>F-choline in the differential diagnosis of prostate cancer and its recurrence... Page 985

## ON THE COVER

The recently introduced first integrated whole-body PET/MRI scanner has been shown to give results comparable to PET/CT in a clinical setting. In the patient shown here, with metastasized thyroid carcinoma, a comparison of PET/CT and PET/MRI data acquired on the same day shows an overall similarity in the pattern of suspected lesions. PET/MRI may offer new opportunities in oncologic diagnostics.







See page 849.