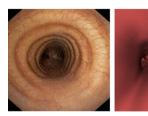
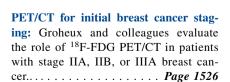
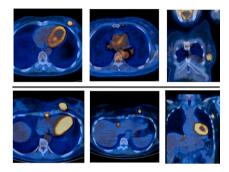
JNM

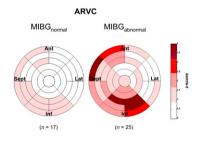
Scintigraphy for pulmonary embolism: Sostman and Pistolesi offer perspective on the reliability and clinical relevance of this technique and preview a related article in this issue of *JNM*. *Page 1505*



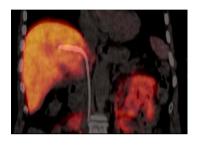


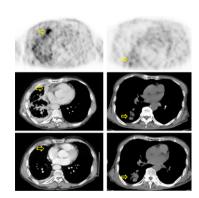


SPECT and arrhythmic risk: Paul and colleagues use ¹²³I-MIBG SPECT to investigate the role of adrenergic dysfunction in patients with arrhythmogenic right ventricular cardiomyopathy and correlate these findings with genotypic data. ... *Page 1559*



Measuring hepatic galactose metabolism:Sørensen and colleagues quantify hepatic galactose elimination in healthy humans using ¹⁸F-FDGal PET for assessment of regional liver function..... *Page 1566*



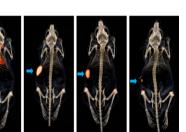


Tumor recurrence imaging: Heiss and colleagues provide an educational overview of multimodality assessment of brain tumors and tumor recurrence, with a focus on PET, MRI, and soon-to-be-widely available

3 stressors and heat production measured in vivo by thermal imaging.... Page 1616

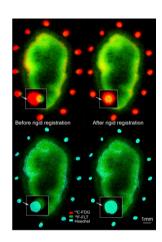
BRAIN

mAb imaging of prostate cancer: van Rij and colleagues examine the characteristics of a humanized IgG1 monoclonal antibody directed against the epithelial glycoprotein-1 and assess the potential for immuno-PET and immuno-SPECT imaging in mice with human prostate cancer xenografts. Page 1601



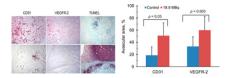
Tracer accumulation and BAT heat: Carter and colleagues explore in mice the relationship between stimulation of ¹⁸F-FDG accumulation in brown adipose tissue by

Coregistration of multimodality images:

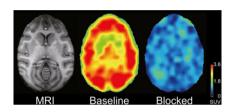


Targeted radiotherapy with scVEGF/

177Lu: Blankenberg and colleagues investigate whether high levels of vascu-



PET of NOP receptors in monkeys:



NEMA NU 4 in small-animal SPECT:

Harteveld and colleagues determine for a small-animal multipinhole SPECT scanner the image quality parameters associated with the National Electrical Manufacturers Association NU4 phantom. ... Page 1646

PET in prostate cancer models: Kukuk and colleagues evaluate PET with various tracers in 2 hormone-independent prostate cancer xenograft mouse models and compare the results with immunohistochemistry and surgical outcomes. ... *Page 1654*

ON THE COVER

A pilot study has shown V/Q PET/CT to have advantages over conventional V/Q imaging, including superior image quality and the potential for better regional quantitation of lung function. In the patient shown here, with severe chronic obstructive airway disease, PET/CT enabled exclusion of PE with high confidence compared with SPECT/CT, which was deemed nondiagnostic.

See page 1516.

