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EDITORIAL

Introduction to the special issue on the role of PET/MRI in the abdomen and pelvis

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Simultaneous positron emission tomography and magnetic resonance imaging (PET/MRI) is an emerging imaging technology which shows great promise for evaluating a wide range of abdominopelvic oncologic and non-oncologic disorders.

Although not yet widely adopted for a variety of reasons, this special issue of Abdominal Radiology aims to bring together an array of articles highlighting specific applications of PET/MRI in the abdomen and pelvis.

Included articles describe the role of PET/MRI for staging and detection of metastatic disease in oncologic applications and discuss a broad variety of nonspecific (FDG) and more targeted (DOTA-TATE, PSMA, FAPI) radiotracers. A review of the potential role of PET/MRI in non-oncologic disorders including infection and inflammation as well as a novel application of PSMA PET/MRI in ovarian cancer have also been included.

It is my hope that this broad review of the state of clinical PET/MRI combined with exciting potential future applications will spur interest and greater adoption of PET/MRI, ultimately benefitting patients.

I would like to sincerely thank the authors for their invaluable contributions to this special issue, as well as Dr. Dan Johnson, editor-in-chief, for the opportunity to showcase PET/MRI in Abdominal Radiology.

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