tomography

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Breakthroughs in Breast Radiology

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Message from the Guest Editor

Dear Colleagues,

The past decade has seen a surge in the number of emerging imaging modalities that are clinically available, or nearly so. Coupled with the emergence of AI and deep learning, which are driving forces in the creation, processing, and interpretation of clinical images, there is tremendous potential for impacting the standard of care for patients. This Special Issue will focus on the latest developments in breast radiology that will strengthen imaging as the orchestrator of patient workflow in these value-driven times. Projects and manuscripts evaluating the clinical utility of these imaging methods are especially of interest.

Keywords: breast ultrasound tomography; photoacoustics; contrast-enhanced ultrasonography; spectral mammography; contrast-enhanced digital mammography and breast tomosynthesis; chemical exchange or hyperpolarized breast MRI; positron emission mammography and molecular breast imaging; breast specific CT and PET; opportunistic imaging of the breast; AI-enhanced breast image interpretation and analysis

Dr. Matthew A. Lewis
Guest Editor