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Imaging of Bone Metastases in Oncology

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Message from the Guest Editors

Dear Colleagues,

Bone metastases are well known complications to advanced cancer, e.g., in common cancers like prostate, breast, and lung cancer. Imaging of bone metastases are key in staging, suspected recurrent disease, and for treatment monitoring of palliative care in metastatic disease. Imaging modalities like bone scintigraphy, X-ray, and CT have standard of care in the last decades. Newer modalities like PET/CT with various tracers and diffusion-weighted MRI have been introduced with apparent premium diagnostic performance. From a diagnostic test accuracy perspective, bone metastases may be difficult to handle for several reasons, including failure to obtain a valid reference for the presence or absence of malignancy, in particular at the lesional level. This Special Issue provides an up to date view of the advances made towards imaging of bone metastases in oncology. It canvasses all fields and modalities of imaging of bone metastases, from diagnosis, prognosis, comparative studies with other biomarkers, research methodology, health care analyses, and guidelines.

Prof. Lars J. Petersen
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Guest Editors



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