

^{99m}Tc-MDP bone scintigraphy and ¹⁸F-FDG positron emission tomography in lung and prostate cancer patients: different affinity between lytic and sclerotic bone metastases

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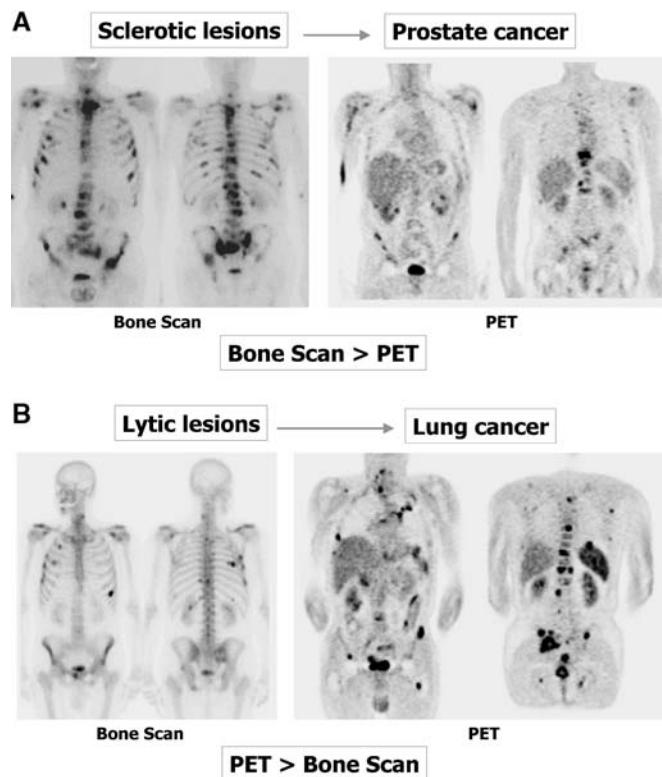
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The discrepancy between ^{99m}Tc-MDP bone scintigraphy and ¹⁸F-FDG positron emission tomography in lung and prostate cancer is related to these radiotracers' mechanisms of uptake and retention [1, 2].

Slide A shows increased osteoblastic activity (mainly) within bone metastases of prostate cancer on ^{99m}Tc-MDP bone scintigraphy. Slide B shows increased utilization of deoxyglucose within the primary tumour and the very aggressive metastatic lesions of lung cancer on ¹⁸F-FDG positron emission tomography.



References

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