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Diagnostic accuracy of imaging methods for the diagnosis of skeletal malignancies: A retrospective analysis against a pathology-proven reference

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Key points:

- Diagnostic imaging plays a major role in patients with skeletal neoplasms
- Diagnostic accuracy of imaging methods in skeletal neoplasms should be proven by pathology as the reference standard
- MRI and FDG-PET/CT showed overall comparable diagnostic accuracy in skeletal neoplasms
- Modality accuracy varied in subgroups consisting of bone matrix response and localization of the primary neoplasm

ABSTRACT

Objectives: To examine the diagnostic accuracy of imaging modalities in skeletal tumours versus pathology reports.

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