

언어구분 KOR                      논문구분 원저/구연                      논문분야 종양

논문제목 골종양에서 병적골절이나 파절골파괴를 동반 경우 방사선학적인 악성과 양성의 감별점

영문제목 **Radiologic findings to differentiate between malignant and benign bone tumors with pathologic fracture or cortical disruption,**

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서론 : The purpose was to differentiate between benign and malignant bone tumors causing pathologic fracture or cortical disruption on the basis of radiologic findings.

재료 및 방법 : The purpose was to differentiate between benign and malignant bone tumors causing pathologic fracture or cortical disruption on the basis of radiologic findings.

결과 : The number of bone tumors with cortical disruption was 46 and that of bone tumor with pathologic fracture was 30. In the cases of cortical disruption, the margins masses, the pattern of cortical disruption, and the presence of matrix mineralization and necrosis within the mass were statistically significant factors for differentiating between benign and malignant bone tumors. In the cases of pathologic fracture, the margins of bone and soft tissue tumors were the only statistically significant factors.

결론 : Imaging findings can be helpful in differentiating between benign and malignant tumors in cases of pathologic fracture or cortical disruption.

**acknowledgment :**

Pathologic fracture, Cortical disruption, Bone tumor, Imaging, MRI

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