

가 (5, 6). 가 MRI 가 (1, 4). Chave (1) T1WI T2WI T2 (signal void) (heterogeneous) (isosignal) T1 가 (4). 가 가

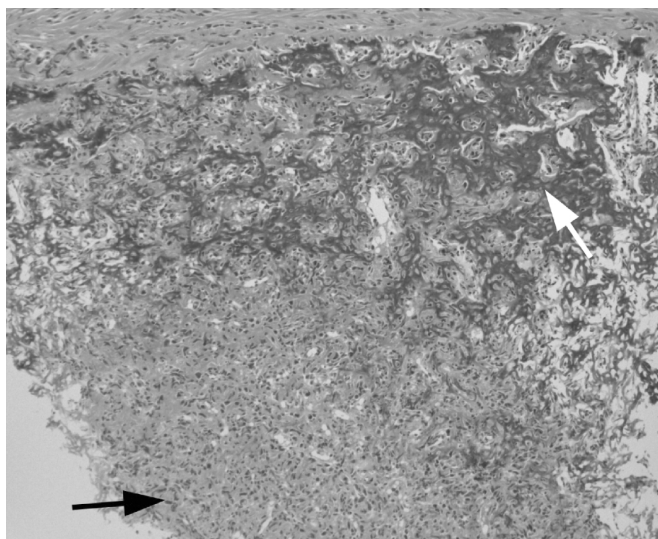
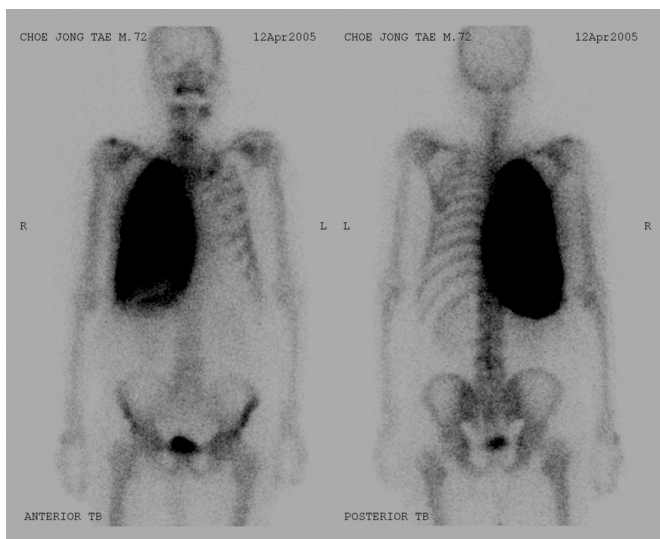
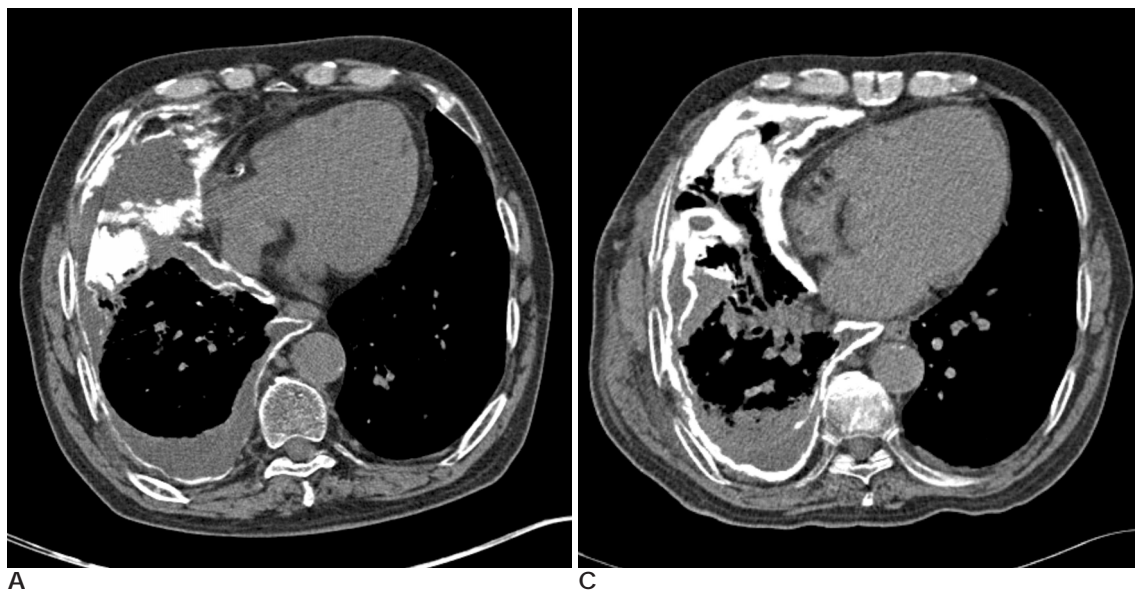


Fig. 1. A 72-year-old man with malignant pleural mesothelioma with heterologous osteoblastic differentiation.
A. Initial unenhanced CT scan shows diffuse irregular pleural thickening and very coarse nodular calcifications along the parietal, visceral pleura, and major fissure in right hemithorax.
B. Bone scan shows area of extensive increased radioactivity consistent with the massive pleural calcifications on CT scan in the right hemithorax.
C. Forty days later, a follow-up unenhanced CT scan reveals rapidly progressive calcifications.
D. Photomicrography of histologic preparation shows the sarcomatous pattern (black arrow) with foci of malignant osteoid tissue (white arrow) [H/E, $\times 40$].

- (3). 가 CT 가 가
- 가
- 가
- (1), 5.7 12
- (5). , (adenocarci - (extraskkeletal
- noma), osteosarcoma), 가 (7, 8).
- 가 4%
- 가 keratin 가
- (1). 가 가
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- 가
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Malignant Pleural Mesothelioma with Heterologous Osteoblastic Differentiation: Case Report of the Characteristic CT and Bone Scan Findings¹

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Malignant pleural mesothelioma is an uncommon neoplasm which is accompanied extremely rarely by osteoblastic heterologous elements. The CT manifestations of this tumor have been reported in several references. And, to our knowledge, only one case report provides a description of the bone scan findings. Here, we report the case of a rapidly progressing malignant pleural mesothelioma with heterologous osteoblastic elements. A CT scan reveals diffuse irregular pleural thickening and very coarse nodular calcifications along the right pleura and major fissure. A bone scan revealed an area of extensive increased radioactivity consistent with the pleural calcifications on the CT scan in the right hemithorax. A follow-up CT scan performed 40 days later suggests the presence of rapidly progressing nodular coarse calcifications.

Index words : Mesothelioma
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Osteogenesis
Pleural neoplasms
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