“Double imaging” for the diagnostic work-up of alveolar soft part sarcoma with Tc-99m MIBI

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The authors report a case of alveolar soft-part sarcoma with lung metastases demonstrated by “double imaging” with Tc-99m HDP and Tc-99m MIBI. The tumor originated in the soft tissue with direct invasion to the right scapula, which was hypoactive on bone scan and hyperactive on Tc-99m MIBI images. A focus of dense accumulation of Tc-99m MIBI in the lungs, suggesting metastasis was also demonstrated.

Key words: sarcoma, bone scan, Tc-99m MIBI, Tc-99m HDP, double imaging