Technetium-99m-sestamibi scintimammography of benign and malignant phyllodes tumors

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We presented two cases of phyllodes tumor of the breast examined by $^{99m}$Tc-sestamibi (MBI) two-phase scintimammography. In the case with malignant phyllodes tumor, $^{99m}$Tc-MBI accumulation was recognized on both early and delayed images. In the case with benign phyllodes tumor, however, $^{99m}$Tc-MBI accumulation was recognized on only the early image. $^{99m}$Tc-MBI delayed imaging may have the potential to distinguish between benign and malignant phyllodes tumors.

Key words: technetium-99m-sestamibi, scintimammography, phyllodes tumor