

Three patients with bilateral breast tumors examined by technetium-99m-sestamibi scintimammography

Hitoya OHTA,* Takuya KOSUMI,** Toshiyuki KITAI,** Shunji YAMAMOTO,**
Minoru UKIKUSA,** Hiroji AWANE** and Masayuki SHINTAKU***

*Departments of *Laboratories, **Surgery and ***Pathology, Osaka Red Cross Hospital*

We presented three patients with bilateral breast tumors (one with breast cancers, one with breast cancer and fibroadenoma, and one with fibroadenomas) examined by ^{99m}Tc-hexakis 2-methoxyisobutylisonitrile (MIBI) scintimammography. In all cases ^{99m}Tc-MIBI uptake was recognized only in the breast cancers. ^{99m}Tc-MIBI scintimammography was useful in evaluating bilateral breast tumors since preoperative diagnosis is valuable in determining correct surgical treatment.

Key words: ^{99m}Tc-MIBI, scintimammography, breast neoplasms, bilaterality