CASE REPORT


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

Hitoya Ohta,* Takuya Kojima,** Toshiyuki Kita,** Shuji Yamamoto,** Minoru Ukikusa,** Hiroshi 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 99mTc-hexakis 2-methoxyisobutylisonitrile (MI) scintimammography. In all cases 99mTc-MIBI uptake was recognized only in the breast cancers. 99mTc-MIBI scintimammography was useful in evaluating bilateral breast tumors since preoperative diagnosis is valuable in determining correct surgical treatment.

Key words: 99mTc-MIBI, scintimammography, breast neoplasms, bilateralty