

Two phase imaging of ^{99m}Tc -SESTAMIBI and ^{123}I -BMIPP for patients with angina pectoris

Ryo TANAKA,* Tomoharu NAKAMURA,** Hideki KUMAMOTO,**
Kagami HIRABAYASHI** and Kousuke FUJITA**

**Radiological Department, Kushiroshi Ishikai Hospital*

***Department of Cardiovascular Medicine, Kushiroshi Ishikai Hospital*

We saw three cases of angina pectoris in which ^{99m}Tc -SESTAMIBI delayed images at rest were useful in diagnosing ischemia risk areas.

These findings indicated that delayed ^{99m}Tc -SESTAMIBI images may be more sensitive to slight ischemia than ^{123}I -BMIPP images, and suggested that imaging with ^{99m}Tc -SESTAMIBI twice at rest may be more effective. The addition of ^{123}I -BMIPP SPECT was considered to be useful in making an evaluation of the severity of ischemia.

Key words: effort angina, vasospastic angina, unstable angina, ^{99m}Tc -SESTAMIBI, ^{123}I -BMIPP