

## Detection of a coronary arterial thrombus by indium-111-oxine-labeled platelet scintigraphy

Keiko TAKAHASHI,\* Mitsumasa OHYANAGI,\* Jun TATEISHI,\* Miho MASAI,\* Kiyomitsu IKEOKA,\*  
Hitoshi NARUSE,\* Tadaaki IWASAKI\* and Minoru FUKUCHI\*\*

*\*First Department of Internal Medicine, Hyogo College of Medicine*

*\*\*Department of Nuclear Medicine, Hyogo College of Medicine*

Coronary arteriography revealed significant left anterior descending coronary artery stenosis in a 72-year-old man with a history of myocardial infarction. Stenting of the stenotic vessel was performed. Twelve hours after stenting the patient complained of chest pain but emergent coronary arteriography did not show sign of any coronary arterial stenosis. Under suspicion of coronary thrombus formation, indium-111-oxine-labeled platelet scintigraphy was performed 5 days after stenting, and revealed accumulation of indium-111-oxine in the area corresponding to the stent implantation site.

**Key words:** platelet scintigraphy, stent, coronary heart disease