

Positive indium-111 leukocyte imaging in post myocardial infarction syndrome

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The diagnosis of post myocardial infarction syndrome (PMIS) is sometimes difficult because of the absence of a specific test. We report a 68-year-old man with PMIS who had a persistent accumulation of indium-111 oxine labeled leukocytes in the infarcted myocardium for 1 month. The uptake of leukocytes preceded the appearance of the main symptoms and disappeared with the clinical improvement after the therapy with steroids. Leukocyte imaging has a potential as a useful tool for early diagnosis, evaluation of therapy and assessing the mechanism of PMIS.

Key words: indium-111 leukocyte imaging, post myocardial infarction syndrome