

## Summary

### No $^{123}\text{I}$ -BMIPP Accumulation in the Myocardium and Type I CD36 Deficiency in a Patient with Acute Subendocardial Infarction: A Case Report

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This patient was a 70-year-old man had acute subendocardial infarction in the inferior wall.  $^{123}\text{I}$ -BMIPP myocardial scintigraphy showed no accumulation in the myocardium.  $^{123}\text{I}$ -MIBG myocardial scintigraphy on the early and delay images and  $^{99\text{m}}\text{Tc}$ -tetrofosmin myocardial scintigraphy at rest showed slightly decreased accumulation of the tracer in the apical region and in middle inferior wall of the left ventricle, indicating subendocardial infarction

area. In the examinations of CD36 in platelets and monocytes, the patient had negative CD36 in platelets and monocytes, and type I CD36 deficiency was diagnosed. We supposed that no  $^{123}\text{I}$ -BMIPP accumulation may be related closely to type I CD36 deficiency.

**Key words:**  $^{123}\text{I}$ - $\beta$ -methyl-p-iodophenylpentadecanoic acid ( $^{123}\text{I}$ -BMIPP), No accumulation, Type I CD36 deficiency, Subendocardial infarction, Myocardial scintigraphy.