

Summary

A Significance of the Washout of ^{123}I -BMIPP in Patients with Vasospastic Angina

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We investigated the washout of ^{123}I -BMIPP from early and delayed SPECT in 28 patients with vasospastic angina from the standpoint of the intervals from the last angina attack. We divided myocardial wall into 13 segments from the early and delayed SPECT, and visually classified into four grades of defect score ranged from 0 (normal) to 3 (severe defect). Early and delayed severity scores were calculated as a total of defect scores in 3 vessel territories, and washout scores (WS) as (delayed severity score - early severity score)/number of segments. WS of the group within 1 month from last angina attack was

compared with the groups more than 1 month. In the territory of the right coronary artery, the group within 1 month showed significantly higher WS than groups more than 1 month ($p < 0.05$). In the other two territories, the group within 1 month showed higher WS than one of the groups more than 1 month, but the difference was not statistically significant. We considered that the washout of ^{123}I -BMIPP may reflect the clinical course of vasospastic angina.

Key words: ^{123}I -BMIPP SPECT, Vasospastic angina, Washout.