Summary

Clinical Evaluation of “Takotsubo” Cardiomyopathy with ¹²³I-MIBG Myocardial Scintigraphy: A Case Report


*Department of Radiology, **Department of Cardiology, Kitasato University School of Medicine

We report a case of “Takotsubo” cardiomyopathy that was considered to be caused by hypercatecholaminemia due to mental stress. Myocardial scintigraphy using ¹²³I-MIBG revealed severe damage to the myocardial sympathetic nerve terminals at the site of reduced left ventricular wall motion on left ventriculography. In this case, cardiac nuclear imaging with ¹²³I-MIBG appeared to be useful for understanding the pathophysiology when combined with ECG and left ventriculography.

Key words: Takotsubo, Cardiomyopathy, Hypercatecholaminemia, Stunned myocardium, ¹²³I metaiodobenzylguanidine (¹²³I-MIBG).