

A Syndrome that Mimicking Acute Myocardial Infarction: A Case Report

Allahyar Golabchi MD¹, Nizal Sarrafzadegan MD², Masoud Pourmoghadas MD³,
Iraj Shamsi MD¹, Seyed Ali Kazemi MD¹

Abstract

Background: Takotsubo syndrome is a transient apical or midventricular dilation with reduction in left ventricular ejection fraction that mimic an acute myocardial infarction symptoms in the absence of atherosclerosis. There are important differences between its treatment and the treatment of acute myocardial infarction. In this study, we reported a case with Takotsubo syndrome.

Case Report: The case was a 40 years old woman with a surgery for urinary incontinence. After the surgery she suffered from chest pain. In her electrocardiogram ST elevation was seen but there is not any obstructive lesion in her coronary angiography. In her ventriculography an apical dilation with a Takotsubo syndrome appearance was reported. She was treated conservatively but she died after 3 days due to sepsis.

Keywords: Stress-induced cardiomyopathy, Takotsubo cardiomyopathy, Broken heart syndrome.

¹ Resident, Department of Cardiology, School of Medicine And Student Research Committee, Isfahan University of Medical Sciences, Isfahan, Iran.

² Professor, Department of Cardiology, Isfahan Cardiovascular Research Center, Isfahan Cardiovascular Research Institute, Isfahan University of Medical Sciences, Isfahan, Iran.

³ Professor, Department of Cardiology, School of Medicine, Isfahan University of Medical Sciences, Isfahan, Iran.

Corresponding Author: Allahyar Golabchi MD, Email: golabchi@edc.mui.ac.ir