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Case report for cardiovascular trials

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Takotsubo cardiomyopathy is an emerging clinical entity characterized by a transient depression of the contractile function of mid and/or apical segments of the left ventricle with compensatory hyper kinesis or preservation of the basal wall leading to ballooning of the apex in systole and accounts for 2% of all patients presenting with symptoms of acute myocardial infarction. The pathophysiology of Takotsubo cardiomyopathy is unclear and several hypotheses include catecholamine induced myocyte toxicity or coronary micro-vascular dysfunction. Presentations usually follow an episode of intense emotional or physiological stress, most often a noxious stressor. Takotsubo cardiomyopathy has rarely been described in the context of a positive or pleasurable emotional stimulus.

Biography

Nithin Kuruvila is currently a student pursuing Doctor of Pharmacy Program in Bapuji Pharmacy College, Davangere, affiliated to Rajiv Gandhi University of Health Science, Bangalore.

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