
Learner Outcomes:
Each reader of this article should be able to:
- Define takotsubo cardiomyopathy.
- Identify procedures for managing takotsubo cardiomyopathy.
- Discuss events that can precipitate takotsubo cardiomyopathy.

1. Takotsubo cardiomyopathy is also known as:
   a. right ventricular balloon occlusion
   b. ampulla cardiomyopathy
   c. persistent left ventricular arrhythmia
   d. all of the above

2. A condition that does NOT accompany takotsubo cardiomyopathy is:
   a. sudden onset chest pain with ST-segment elevation in the anterior electrocardiographic leads (V1-V4)
   b. relatively minor elevation in cardiac enzymes
   c. transient apical systolic left ventricular dysfunction
   d. obstructive coronary artery disease in angiography

3. What group of people is more prone to takotsubo cardiomyopathy?
   a. men older than 60 years of age after acute emotional or physiological stress
   b. women older than 60 years of age after acute emotional or physiological stress
   c. women younger than 45 years of age after acute emotional or physiological stress
   d. men younger than 55 years of age after acute emotional or physiological stress

4. Which of the following has been suggested as a possible cause of takotsubo cardiomyopathy?
   a. catecholamine-induced myocardial damage
   b. hyperthyroidism
   c. myocarditis
   d. pheochromocytoma

5. In patients diagnosed with acute myocardial infarction, incidence of takotsubo cardiomyopathy is:
   a. <1%
   b. <5%
   c. 15–22%
   d. unknown

6. One theory proposed as the underlying mechanism of takotsubo cardiomyopathy is:
   a. abnormal fatty acid metabolism in apex
   b. neurogenic myocardial stunning
   c. reduced catecholamine in response to stress inducing myocardial dysfunction
   d. all of the above

7. The typical event precipitating takotsubo symptoms of chest pain is:
   a. physical exertion
   b. fatigue
   c. emotional or physiologic stress
   d. a joyous event

8. Treatment of takotsubo cardiomyopathy includes:
   a. angiotensin converting enzyme inhibitor
   b. calcium channel blockers
   c. streptokinase
   d. intravenous vasodilators

9. The prognosis of the majority of patients with takotsubo cardiomyopathy is generally:
   a. fair
   b. very poor
   c. very favorable
   d. unknown

10. Takotsubo cardiomyopathy is frequently misdiagnosed as:
    a. acute myocardial infarction
    b. arthritis
    c. indigestion and heartburn
    d. back pain
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