

Takotsubo Cardiomyopathy: Pathophysiology and Assessment





Tako-Tsubo-Like Transient Left Ventricular Dysfunction

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Tako-tsubo-like (Japanese word for octopus-catcher, Figure 3) left ventricular dysfunction is an enigmatic cardiomyopathy, characterized by marked apical asynergy in the absence of significant coronary disease. Typically, these patients are elderly women who present with mild to moderate chest pain, have ST-segment elevation in leads V_3 through V_6 , and have a modest rise in cardiac markers.

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Patient History

At the time of admission:
BP 95/59, P 69, RR 16, P Ox 100%
MB index 5.8
Troponin 0.45

































Etiology ???

- Localized cardiomyopathy
- > Microvascular spasm
- Catecholamine-induced myocardial injury
 - Emotional distress
 - Pulmonary disease





82 year old male with acute ischemic stroke of right parietal lobe, likely due to embolic occlusion of an MCA branch.





























