

Takotsubo Syndrome: A Pathway through the Pituitary Disease

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Abstract

Takotsubo cardiomyopathy (TTC) is characterized by reversible left ventricular apical and/or midventricular hypokinesia with unknown etiology. The clinical presentation is similar to acute myocardial infarction in the absence of significant obstructive coronary artery disease. Various predisposing factors have been related to TTC, such as acute neurological illnesses, endocrine diseases, pain, and emotional stress. We present the first description of an association between TTC cardiomyopathy and panhypopituitarism. This case reinforces the connection between the hormonal and cardiovascular systems. Furthermore, it supports the importance of a comprehensive and integrated medical history in the approach of a patient with cardiac disease, towards clinical decision-making.