A rare case of concomitant stress (takotsubo) cardiomyopathy and acute myocardial infarction

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Abstract
Stress cardiomyopathy and myocardial infarction are generally regarded as mutually exclusive diagnoses. We report the case of a 54-year-old woman who presented with acute chest pain. Her echocardiogram and ventriculography were typical of stress cardiomyopathy, but she had one subocclusive coronary lesion, a highly significant rise in troponin and a subendocardial myocardial infarction scar documented on cardiac magnetic resonance. This is a rare case of concomitant myocardial infarction and stress cardiomyopathy, in which the acute coronary syndrome itself may have been the stressor, given the absence of other identifiable causes.

Keywords
Stress cardiomyopathy, Takotsubo syndrome, Acute myocardial infarction, Cardiac magnetic resonance