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THE NATURAL COURSE OF TRAUMATIC MYOCARDIAL INFARCTION IN A YOUNG PATIENT WITH ANGIOGRAPHICALLY NORMAL CORONARY ARTERIES

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A 23-year-old male with no history of heart disease was admitted to our hospital for an abnormal electrocardiogram of ST-T changes mimicking myocardial infarction. Catheterisation revealed totally normal coronary and peripheral arteries. The echocardiogram and delayed enhancement cardiovascular magnetic resonance imaging indicated a markedly reduced left ventricular function and enlarged left ventricular cavity with evidence of necrotic myocardium. Giving the patient's history of multiple blunt trauma 7 years ago and 'acute myocardial infarction' diagnosis at that time, he was diagnosed with traumatic myocardial infarction (TMI). We describe the natural course of such a patient with TMI. Although there is a possibility of spontaneous healing of coronary artery dissection induced by trauma, early revascularisation may be helpful for preventing cardiac remodelling after TMI.