Concordant MCE and wall motion abnormalities

Clinical Case Portal

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Abstract
Case from the Contrast Echo Box
Detection of Ischaemia

Introduction
Patient with recurrent episodes of atypical chest pain and no baseline ECG abnormalities.

Case Report

Treadmill ECG
Treadmill-ECG performed: Exercise capacity 9.7 METS, 88% age-predicted max HR, with normal ECG but atypical chest pain: Stress echo is requested

Stress Echocardiogram (fig 1-2)
In this case, stress echo itself was key to the diagnosis (and possibly life-saving) which was missed by treadmill-ECG, while perfusion imaging, as often in cases of very severe / subocclusive proximal stenosis, did not add to wall motion information
Video 1:
Stress Echocardiogram

Video 2:
Angiogram video