

Contrast for detection of apical hypertrophic cardiomyopathy

Clinical Case Portal

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Echocardiography (Non-invasive imaging)

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Abstract

Case from the [Contrast Echo Box](#)
[Contrast Echocardiography for assessment of LV structure and function](#)

Introduction

- 70 year old female
- Referral for echocardiogram due to fatigue and Shortness of breath
- Peculiar apical contraction
- Contrast administered

(see fig 1)

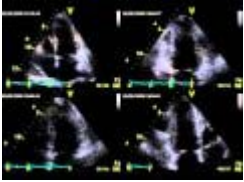
Case Report

Apical Hypertrophic cardiomyopathy (fig 2-4)

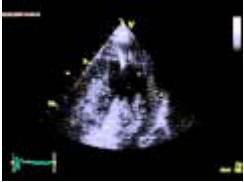
The usefulness of dedicated contrast settings: Another patient with apical hypertrophy (fig 5)

Upper panel from an echo in Jan 2010 using a system without a dedicated contrast preset, the contrast acquisition was done simply by lowering the MI, the contrast image is diagnostic but clearly lacking the quality of the contrast image in the lower panel (Feb 2011) from the same patient using a low-MI contrast presetting. In the latter one can clearly get more information; a small apical aneurysm and decreased endocardial perfusion is apparent.

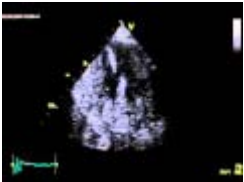
Video 1 :
[video 1](#)



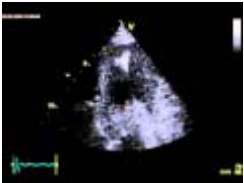
Video 2 :
[video 2](#)



Video 3 :
[video 3](#)



Video 4 :
[video 4](#)



Video 5 :
[video 5](#)

