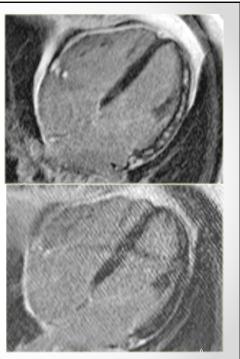
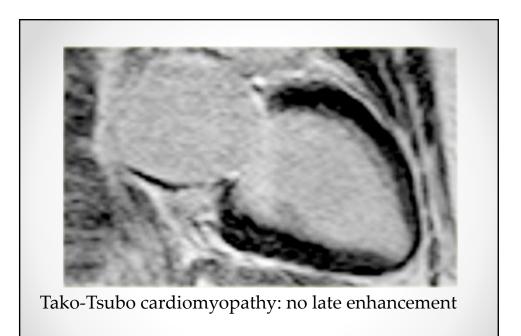


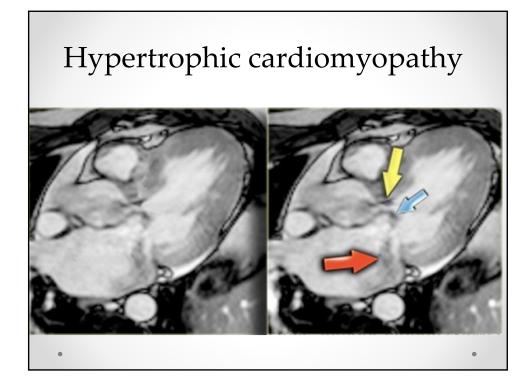
Myocarditis:

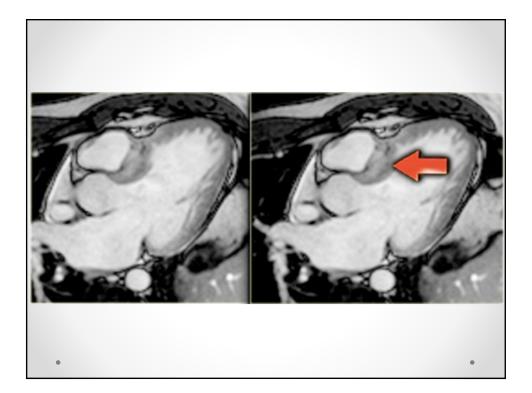
A patient with myocarditis. Notice the midmyocardial enhancement of the lateral wall.

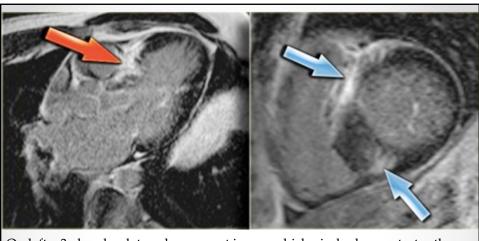
Same patient with myocarditis. Notice that the midmyocardial enhancement of the lateral wall has diminished.





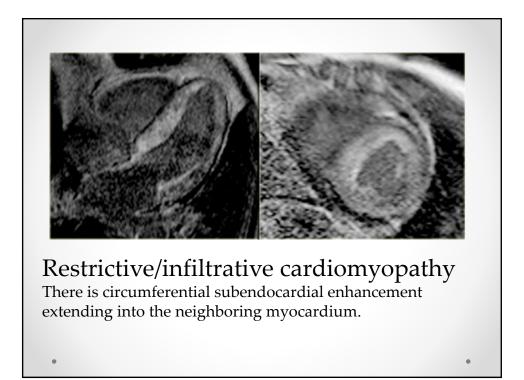






On left a 3-chamber late enhancement image which nicely demonstrates the enhancement of the hypertrophic basal septum (arrow). On the right short axis late enhancement image which demonstrates the typical enhancement at the anterior and posterior right ventricular insertion points (arrows).

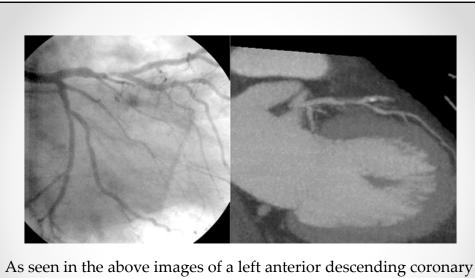




Cardiac CT

- Calcium scoring.
- Patient with CHF and negative calcium score: unlikely CAD (strong negative predictive value).
- Gated cardiac CT : valuable tool for LV volumetric and LVEF evaluation
- Can access raw data any time and crop desired images (cannot do with CMR)
- Fast to perform
- Great tool to evaluate for congenital anomalies
- Radiation dose concern
- Expense
- Concern in patients with impaired renal function





As seen in the above images of a left anterior descending coronary artery from the CATSCAN study, soft plaque can be visualized on both conventional angiography and CTA. The CTA also reveals calcium, which is not visible in the cine view.

