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Atlas of cardiac magnetic resonance imaging - Wikipedia
Cardiac magnetic resonance imaging (CMRI) is a magnetic resonance imaging (MRI) technology used for non-invasive assessment of the function and structure of the cardiovascular system. Contrast-enhanced MRI sequences are adapted for cardiac imaging by using ECG gating and high temporal resolution protocols. The development of contrast-enhanced MRI for cardiac imaging is a recent development and is still stuff of research.

Deep Learning for Cardiac Image Segmentation
Before the rise of deep learning, traditional machine learning techniques, such as model-based methods (e.g., active shape and appearance models) and atlas-based methods had been shown to achieve good performance in cardiac image segmentation. However, they often require significant feature engineering or prior knowledge to achieve satisfactory accuracy.

Cardiac tamponade: a clinical challenge
Cardiac tamponade is a clinical diagnosis, but assessment of the patient's condition and diagnosis of the underlying cause of the tamponade can be obtained through lab studies, electrocardiography, echocardiography, or other imaging techniques. The treatment of cardiac tamponade is the removal of pericardial fluid to help relieve the pressure.

Cardiac tumors - European Society of Cardiology
Cardiac tumors represent a heterogeneous group, potentially involving any of the heart structures. Secondary malignancies (metastases) are the most frequent, with a 20–40 times higher incidence than primary tumors. Primary cardiac tumors have an incidence of 0.02% in autopsy series, seventy five percent of them being benign.