

# Cardiac tumors

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Primary cardiac tumors are rare and affect patients of all ages. Primary cardiac tumors have a reported incidence between 0,0017% and 0,19% in autopsy series. Approximately 75% of all cardiac tumors are benign histologically, and the remainder are malignant.

Advances in cardiac imaging greatly facilitate the diagnosis and management of cardiac tumors.

Transthoracic echocardiography is useful in the initial evaluation for screening.

Cardiovascular magnetic resonance imaging and computed tomography provide additional information about the morphology, location, and extent of a cardiac tumors.

Computed tomography defining the pericardium, great vessels, extracardiac diseases, and metastases.

Cardiovascular magnetic resonance has advantages in superior spatial resolution, multiplanar imaging, characteriza-

tion of tumor tissue, visualization of tumor perfusion, and differential enhancement of tumor with gadolinium relative to the surrounding normal myocardium.

**KEYWORDS:** cardiac tumors, transthoracic echocardiography, cardiovascular magnetic resonance, computed tomography.

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