

DEPARTMENT OF CARDIOVASCULAR IMAGING

University of Colorado Cancer Center
1665 Aurora Court | Aurora, CO 80045

TRANSTHORACIC ECHOCARDIOGRAM REPORT

Patient:	Robert Hawkins
DOB:	1971-11-03
MRN:	ROBERT_H
Exam Date:	2026-01-10
Ordering Physician:	Dr. Kevin Patel
Indication:	Pre-CAR-T cardiac assessment; known HFmrEF

TECHNIQUE

Complete 2D and M-mode transthoracic echocardiogram performed with Doppler and color flow imaging. Standard parasternal, apical, and subcostal views obtained. Image quality: adequate.

FINDINGS

Left Ventricular EF:	45% (biplane Simpson's method)
LV Wall Motion:	Global mild hypokinesis
LV Size:	Normal
LV Wall Thickness:	Mild concentric hypertrophy
Diastolic Function:	Grade I diastolic dysfunction (impaired relaxation)
Right Ventricle:	Normal size and function
Valvular Function:	No significant valvular disease
Pericardium:	No effusion

IMPRESSION

LVEF 45%, Grade I diastolic dysfunction. Mild concentric LV hypertrophy. No significant valvular disease. Cardiology cleared for CAR-T but anthracycline remains contraindicated.

Clinical Note: Cardiology clearance provided for CAR-T cell therapy. Anthracycline remains contraindicated given HFmrEF with LVEF 45%. Recommend continued medical management of heart failure and close cardiac monitoring during and after cellular therapy.