

# Web-Based Reporting Solution for Nuclear Cardiology and Echocardiography

## Heart Hurts Cardiology

4512 Chest Pain Highway, Suite 202 • Wilmington, NC

2-D & M-mode, Echocardiogram with Colorflow and Doppler Imaging

PATIENT: LV DYSFUNCTION  
DOB: 09-15-1945  
DATE OF STUDY: 05-24-2008  
DATE OF REPORT: 05-24-2008

ORDERING DR: PAUL  
INTERPRETING DR: G  
SONOGRAPHER: JO  
STORAGE LOCATION

Age: 62 Gender: Male Height: 72 inches Weight: 208 lbs  
Indications: CAD.

### M-MODE

#### Left Ventricle

Diastolic Dimension: 6.2 cm  
Systolic Dimension: 4.9 cm  
Septal Thickness: 1.1 cm  
Post. Wall Thickness: 1.0 cm  
Ejection Fraction: 38 %

#### Right Ventricle

Diastolic Dimension: 1.1 cm

#### Aorta

Root Dimension: 2.0 cm  
Valve: 1.9 cm

#### Left Atrium

Dimension: 2.2 cm

### DOPPLER

#### Aortic Valve

Peak  
Peak Gr  
Mean Gr  
Calc. Valve A

#### Mitral Valve

Peak Veloc  
Pressure Ha  
Calc. Valve

#### Tricuspid Valve

Peak Veloc  
Peak TR V  
PA Systolic

#### Pulmonic Valve

Peak Veloc

### FINDINGS:

**Left Ventricle:** Left ventricular chamber size was severely dilated with normal ventricular systolic function with severe hypokinetic function of the anterior and moderate akinetic function of the septal, and basal-anteroseptal segments. Left ventricular ejection fraction was 38 %.

**Mitral Valve:** Mildly reduced mobility of the anterior mitral leaflet and normal mitral regurgitation. Mildly calcified mitral annulus. There is no mitral regurgitation jet.

**Aortic Valve:** Aortic valve appears tricuspid in structure and demonstrates normal aortic regurgitation. Mild 1+ aortic regurgitation.

**Aorta:** The aorta appeared to be normal.

**Pulmonary Artery:** Normal pulmonary artery.

**Left Atrium:** Left atrium was mildly dilated with no masses. A catheter/pacemaker lead was seen in the right atrium.

**Tricuspid Valve:** Tricuspid valve appears normal in structure. Normal mobility of the tricuspid valve with normal tricuspid regurgitation. There was a centrally-directed jet. Normal hepatic vein flow.

**Pulmonary Valve:** Pulmonic valve appears normal in structure and function.

**Right Ventricle:** Right ventricular chamber size was normal with normal wall motion and normal systolic function with no evidence of regional wall motion abnormalities.

**Right Atrium:** The right atrium was normal in size with no masses.

cc: Nicholas Austin, M.D.

MRN#: 08-001 NAME: LV DYSFUNCTION DOB: 09-15-1945

**Pericardium:** Normal pericardium. No pericardial effusion.

### CONCLUSIONS:

1. Left ventricular chamber size was severely dilated with normal wall motion and normal ventricular systolic function with severe hypokinetic function of the anterior and moderate akinetic function of the septal, and basal-anteroseptal segments. Left ventricular ejection fraction was 38 %.

2. Moderate to severe mitral regurgitation.

3. Trivial aortic insufficiency.



Greg Ford, MD, FACC  
Diplomate, Certification Board of Nuclear Cardiology

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