



**XXX Nuclear Cardiology Laboratory**  
8830 Stanford Blvd  
Columbia, MD 21045  
Phone (123)123-1234  
Fax (123)123-1234

**Patient Name:** Doe, John  
**ID Number:** 123456  
**Date of birth:** 4-2-63  
**Sex:** Male

**Referring physician:** Dr. Jones  
**Date of the exam:** 4-1-08  
**Clinical Indications:** Congestive Heart Failure  
**Radiopharmaceutical:** 25.9 mCi  $^{99m}\text{TcO}_4^-$  IV

### **Equilibrium Radionuclide Angiography (ERNA)**

**Procedure:** The patient received of 25.2 mCi  $\text{Tc}^{99m}$  labeled red blood cells using an in vitro labeling technique with Ultratag®. An ERNA study was performed utilizing the gamma camera interfaced with the digital computer and a gating device. Planar images of the left ventricle were obtained in the LAO 45, LAO 70 and anterior projections.

**Findings:** The overall quality of the study was good. The left ventricle ejection fraction was computed at 31%. (Normal values = >50%.) There was moderate to marked dilatation of the LV chamber with inferior and apical akinesia and moderate lateral wall hypokinesia.

The right ventricle and atria appear to be normal in size.

#### **Impression:**

Abnormal ERNA study demonstrating:

1. Moderately decreased LVEF of 31%
2. Moderate to marked dilatation of the left ventricular chamber
3. Inferior and apical wall akinesia with moderate lateral wall hypokinesia.

Mary Beth Farrell, MD (electronically signed)

Date of interpretation: 4-2-08

Date of final report: 4-3-08