

## General Hospital – Sample Cath Lab Note

**Patient Name:** John Doe  
**Procedure Date:** 03/28/2009 12:00:00  
**Date of Birth:** 12/26/1952  
**Admit Type:** Outpatient

**Gender:** M  
**MRN:** 18594  
**Age:** 56  
**Note Status:** Finalized

**Providers:**

John Anderson, MD (Doctor)

**Referring MD:**

James Edwards, MD

**Procedure:**

Left Cardiac Catheterization, Left Ventriculography, Coronary Angiography and Stent Placement

**Indications:**

Atherosclerotic coronary artery disease

**Patient History:**

This is a 56-year-old male. He presented with 3 hours of unstable angina.

Past Cardiac History

- History of previous arteriosclerotic cardiovascular disease.
- Previous ST elevation MI March 2005.

Review of Systems

- The creatinine value is 1.3 mg/dL mg/dL.

**Procedure Medications:**

Visipaque 361 mL total dose.

Clopidogrel bisulphate (Plavix) 225 mg PO

Promethazine (Phenergan) 12.5 mg total dose.

Abciximab (Reopro) 10 mg IV bolus

Abciximab (Reopro) 0.125 mcg/kg/minute, 4.5 mL/250 mL D5W x 17 mL

Nitroglycerin 300 mcg IC total dose.

**Description of Procedure:**

Approach:

- Left heart catheterization via right femoral artery approach. Access method: Percutaneous needle puncture.

**Devices Used**

- Balloon catheter utilized: Manufacturer: Boston Sci Quantum Maverick RX 2.75mm x 20mm.
- Cordis Vista Brite Tip 6Fr JR 4.0
- ACS/Guidant Sport .014" (190cm) Wire
- Stent utilized: Boston Sci Taxus RX Stent 3.0mm x 32mm.

**Findings/Interventions:**

Left Ventriculography

- The overall left ventricular systolic function is mildly reduced. Left ventricular ejection fraction is 40% by left ventriculogram. Mild hypokinesis of the anterior wall of the left ventricle. There was no transaortic gradient. Mitral valve regurgitation is not seen.

Left Main Coronary Artery

- There were no obstructing lesions in the left main coronary artery. Blood flow appeared normal.

Left Anterior Descending Artery

- There was a 95%, discrete stenosis in the mid left anterior descending artery. A drug eluting, Boston Sci Taxus RX Stent 3.0mm x 32mm stent was placed in the mid left anterior descending artery and post-dilated to 3.5 mm. Post-procedure stenosis was 0%. There was no dissection and no perforation.

Left Circumflex Artery

- There was a 50%, diffuse stenosis in the left circumflex artery.

Right Coronary Artery

- The right coronary artery is dominant to the posterior circulation. There were no obstructing lesions in the right coronary artery. Blood flow appeared normal.

**Complications:**

There were no complications during the procedure.

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**Measurements:**

Basic Data		Left Heart Data				
		Position	O2 SATS (%)	Systolic (mmHg)	Diastolic (mmHg)	Mean (mmHg)
Arm Cuff BP	173 / 90	Femoral Artery	----	----	----	----
Heart Rate	95	Aorta	----	127	69	91
Cardiac Output	----	Left Ventricle	----	150	-8	----
Cardiac Index	----	LV End Diastolic	----	----	16	----
LV Ejection Fraction	----	Left Atrium	----	----	----	----
Systemic Resistance	----					
Systemic Resistance I	----					
Aortic Valve			Mitral Valve			
Peak Gradient	----	MV Max Diastolic Gradient	----			
Mean Gradient	----	MV Mean Diastolic Gradient	----			
Valve Area	----	Valve Area	----			
Valve Index	----	Valve Index	----			
Respiratory Rate	16					
Heart Rate	95	BPM				
Hemoglobin	14.7	%				
O2 Estimated	266	%				

**Impression:**

Severe two-vessel coronary artery disease.

Severe left anterior descending coronary artery disease. There was a 95% mid left anterior descending artery stenosis. The lesion was successfully stented.

Moderate left circumflex artery disease. There was a 50% left circumflex artery stenosis. Intervention not warranted.

The overall left ventricular systolic function is mildly reduced with ejection fraction of 40%. Mild hypokinesis of the anterior wall of the left ventricle.

**Recommendation:**

Clopidogrel (Plavix) 75 mg PO daily for 1 year.

Aggressive risk factor modification of tobacco abuse, hyperlipidemia and hypertension.

**CPT Codes(s):**

92980, LD, Transcatheter placement of an intracoronary stent(s), percutaneous, with or without other therapeutic intervention, any method; single vessel

93510, Left heart catheterization, retrograde, from the brachial artery, axillary artery or femoral artery; percutaneous

93556, 59, Imaging supervision, interpretation and report for injection procedure(s) during cardiac catheterization; pulmonary angiography, aortography, and/or selective coronary angiography including venous bypass grafts and arterial conduits (whether native or used in bypass)

93555, 59, Imaging supervision, interpretation and report for injection procedure(s) during cardiac catheterization; ventricular and/or atrial angiography

93545, Injection procedure during cardiac catheterization; for selective coronary angiography (injection of radiopaque material may be by hand)

93543, Injection procedure during cardiac catheterization; for selective left ventricular or left atrial angiography

**ICD Code(s):**

414.01, Coronary atherosclerosis of native coronary artery

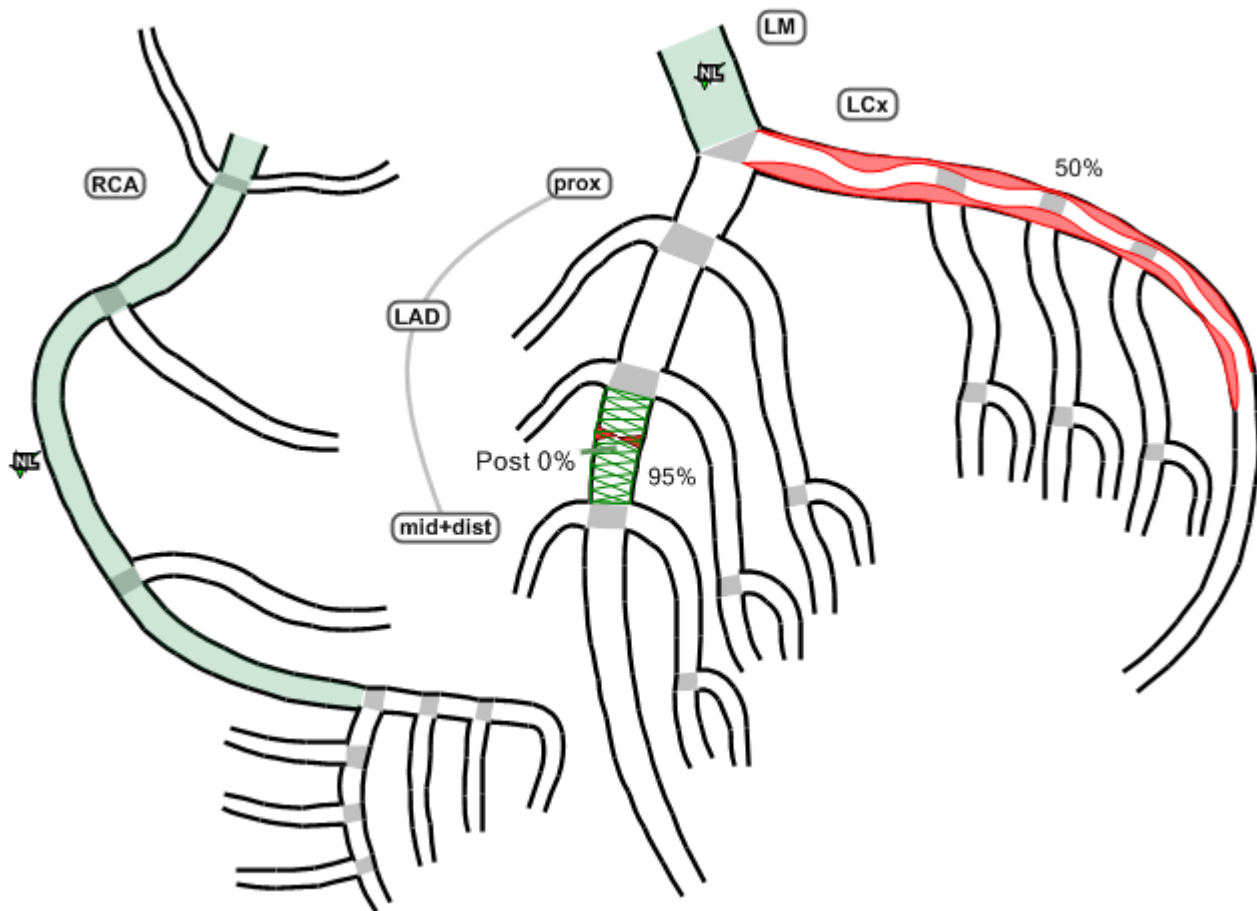
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E-Signed by: John Anderson, MD

John Anderson, MD  
 Signed Date: 03/28/2009 12:19:18  
 Number of Addenda: 0  
 This report has been signed electronically.  
 Note initiated on 03/28/2009 12:02:55