

PROCEDURE:, Left Cardiac Catheterization, Left Ventriculography, Coronary Angiography and Stent Placement.,INDICATIONS: , Atherosclerotic coronary artery disease.,PATIENT HISTORY: , This is a 55-year-old male. He presented with 3 hours of unstable angina.,PAST CARDIAC HISTORY: , History of previous arteriosclerotic cardiovascular disease. Previous ST elevation MI.,REVIEW OF SYSTEMS., The creatinine value is 1.3 mg/dL mg/dL.,PROCEDURE MEDICATIONS:,1. Visipaque 361 mL total dose.,2. Clopidogrel bisulphate (Plavix) 225 mg PO,3. Promethazine (Phenergan) 12.5 mg total dose.,4. Abciximab (Reopro) 10 mg IV bolus,5. Abciximab (Reopro) 0.125 mcg/kg/minute, 4.5 mL/250 mL D5W x 17 mL,6. 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:,1. Balloon catheter utilized: Manufacturer: Boston Sci Quantum Maverick RX 2.75mm x 20mm.,2. Cordis Vista Brite Tip 6Fr JR 4.0,3. ACS/Guidant Sport .014"" (190cm) Wire,4. 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., ,IMPRESSION:,1. Severe two-vessel coronary artery disease.,2. Severe left anterior descending coronary artery disease. There was a 95% mid left anterior descending artery stenosis. The lesion was successfully stented.,3. Moderate left circumflex artery disease. There was a 50% left circumflex artery stenosis. Intervention not warranted.,4. 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:,1. Clopidogrel (Plavix) 75 mg PO daily for 1 year.