



## PET Scan

PATIENT NAME: John Smith

PATIENT ID: xx-555

Age: 76

Study Date: 3/14/15 9:00AM

DOB: 1/30/1939

Reasons: angina, hypertension

Height: 5'10"

Referring: Dr. Nikhil Gumbry

Weight: 266

### Impression: Normal

**Overall:** This vasodilator stress test is negative for ischemia indicating a low likelihood for the presence of angiographically significant coronary artery or bypass graft disease. LVEF=72%.

**ECG:** The stress ECG was negative for ischemia.

**Perfusion Imaging:** PET imaging at rest and with stress demonstrate homogenous tracer distribution throughout the myocardium.

**Wall Motion:** Gated PET imaging demonstrates normal myocardial thickening and wall motion. The ejection fraction is 72%.

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### Stress Results

#### *Successful Protocol*

The patient was evaluated using the standard regadenoson infusion protocol. Regadenoson was administered intravenously over 20 seconds followed by 5ml of normal saline given over 15 seconds.

Stage	HR	BP	RPP	Comment
Pre-stress	65	153/67	9945	

The maximum heart rate was 84/min which is 61% of an age-predicted maximum rate. The target heart rate was 117/min. The max BP was 153/67 mmHg. In response to stress, the BP incremented normally. The patient had no symptoms during the stress portion of the study. Reason(s) stopped: protocol completed.

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### Imaging

Resting images were acquired before stress images. The images were acquired on one day. 35.5mCi of Rubidium-82 chloride was injected intravenously at rest. Rest images were performed on a PET scanner. 33.4mCi of Rubidium-82 chloride was injected intravenously at peak stress. Stress images were performed on a PET scanner.


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## Analysis

Resting 12 lead ECG performed at 03/14/2015 9:00:00.

Rate: 65/min

Normal sinus rhythm.

A handwritten signature in black ink that reads "Thomas Reddy". The letters are stylized and connected, with a prominent "T" and "R".

Thomas Reddy, M.D.

Electronically signed by Thomas Reddy on 3/15/15 at 8:34 AM