

881

EXAMINATION: MYOCARDIAL IMAGING (REST AND EXERCISE/SPECT) [< >change to planar when appropriate]

DATE OF STUDY: []

RADIOPHARMACEUTICAL:

Rest: [] mCi [<Tc-99m sestamibi i.v. >][< Tc-99m tetrofosmin i.v. >][<Tl-201 chloride i.v. >]

Exercise: [] mCi [<Tc-99m sestamibi i.v. >][< Tc-99m tetrofosmin i.v. >]

HISTORY: [] Evaluate for ischemia. The electrocardiographic portion of today's exercise stress examination was [negative/positive/indeterminate] for ischemia.

FINDINGS: Standard myocardial perfusion images were obtained after resting tracer injection. Subsequently, a standard [<Bruce treadmill>upright bicycle/arm ergometer] exercise tolerance test was performed by the patient under the supervision of attending staff from the Cardiovascular Division. The patient exercised for [] minutes and [] seconds and achieved [%] of maximum predicted heart rate and a maximum rate-pressure product of [] mm Hg-beats/min. (Adequate cardiac stress is considered to be >85% of maximum predicted heart rate or a rate-pressure product >25000 mm Hg-beats/min.) Standard myocardial perfusion images were obtained after tracer injection at peak exercise. [< >Additional prone post-stress images also were obtained to allow for better evaluation of the inferior wall.]

[No prior study or A prior study dated {date}] is available for comparison.

[<There is normal distribution of activity in the left and right ventricular myocardium on both rest and post-exercise images.> There is a {size} {reversibility} perfusion abnormality of {degree} severity in the {location} wall.]

Gated post-stress images demonstrate [<normal left ventricular wall thickening.>] The left ventricular volume is [<normal>] and the left ventricular ejection fraction is [%] (normal >45%).

IMPRESSION:

1. [<Normal rest and exercise myocardial perfusion images.>]
2. [<Normal left ventricular size and systolic function.>]

[< > Describe change from prior study if appropriate]

[< > The results of this study were communicated by Dr. (name) to Dr. (name) at (time) on (date).]

883

EXAMINATION: MYOCARDIAL IMAGING (DELAYED-REST/EXERCISE/SPECT) [< > change to planar when appropriate]

DATE STARTED: []

DATE COMPLETED: [] [< > if done as a single day exam, change to a single date, and also change text below to indicate number of hours after injection that imaging was performed rather than prior evening]

RADIOPHARMACEUTICAL: [] mCi Tl-201 chloride i.v. and [] mCi Tc-99m [sestamibi/tetrofosmin] i.v.

HISTORY: [] The electrocardiographic portion of today's exercise stress examination was [negative/positive/indeterminate] for ischemia.

FINDINGS: Standard myocardial perfusion images were obtained after resting injection of Tl-201 on the previous evening (to allow complete redistribution of the radiopharmaceutical and optimal identification of viable myocardium). Subsequently, a standard [<Bruce treadmill>upright bicycle/arm ergometer] exercise tolerance test was performed by the patient under the supervision of attending staff from the Cardiovascular Division. The patient exercised for [] minutes and [] seconds and achieved [%] of maximum predicted heart rate and a maximum rate-pressure product of [] mm Hg-beats/min. At peak exercise, Tc-99m [sestamibi/tetrofosmin] was injected intravenously and standard myocardial perfusion images were obtained. [< >Additional prone post-stress images also were obtained to allow for better evaluation of the inferior wall.]

[No prior study or A prior study dated {date}] is available for comparison.

[<There is normal distribution of activity in the left and right ventricular myocardium on both delayed-rest and post-exercise images.>]

Gated post-stress images demonstrate [<normal left ventricular wall thickening.>] The left ventricular volume is [<normal>] and the left ventricular ejection fraction is [%] (normal >45%).

IMPRESSION:

1. [<Normal delayed-rest and exercise myocardial perfusion images.>]

2. [<Normal left ventricular size and systolic function.>]

[< > Describe change from prior study if appropriate]

[< > The results of this study were communicated by Dr. (name) to Dr. (name) at (time) on (date).]

884

EXAMINATION: MYOCARDIAL IMAGING (REST AND PHARMACOLOGIC-STRESS/SPECT) [< >change to planar when appropriate.]

DATE OF STUDY: []

RADIOPHARMACEUTICAL:

Rest: [] mCi [<Tc-99m sestamibi i.v. >][< Tc-99m tetrofosmin i.v. >][<Tl-201 chloride i.v. >]

Pharmacologic Stress: [] mCi [<Tc-99m sestamibi i.v. >][< Tc-99m tetrofosmin i.v. >]

HISTORY: [] Evaluate for ischemia. The electrocardiogram during infusion of the pharmacologic agent today was [negative/positive/indeterminate] for ischemia.

FINDINGS: Standard myocardial perfusion images were obtained after resting tracer injection. Subsequently, an intravenous infusion of [<regadenoson>adenosine/dipyridamole/dobutamine] was performed under the supervision of attending staff from the Cardiovascular Division [<while the patient performed low-level exercise>]. Standard myocardial perfusion images were obtained after tracer injection at the peak effect of the drug. [< >If dobutamine used, add "The patient achieved ____% of maximum predicted heart rate and a maximum rate-pressure product of ____ mm Hg-beats/min."] [< >Additional prone post-stress images also were obtained to allow for better evaluation of the inferior wall.]

[No prior study or A prior study dated {date}] is available for comparison.

[<There is normal distribution of activity in the left and right ventricular myocardium on both rest and pharmacologic stress images.> There is a {size} {reversibility} perfusion abnormality of {degree} severity in the {location} wall.]

Gated post-stress images demonstrate [<normal left ventricular wall thickening.>] The left ventricular volume is [<normal>] and the left ventricular ejection fraction is [%] (normal >45%).

IMPRESSION:

1. [☐Normal rest and pharmacologic-stress myocardial perfusion images.>]

2. [☐Normal left ventricular size and systolic function.>]

[< > Describe change from prior study if appropriate]

[< > The results of this study were communicated by Dr. (name) to Dr. (name) at (time) on (date).]

886

EXAMINATION: MYOCARDIAL IMAGING (DELAYED-REST/PHARMACOLOGIC-STRESS/SPECT) [☐ > change to planar when appropriate]

DATE STARTED: []

DATE COMPLETED: [] [☐ > if done as a single day exam, change to a single date, and also change text below to indicate number of hours after injection that imaging was performed rather than prior evening]

RADIOPHARMACEUTICAL: [] mCi Tl-201 chloride i.v. and [] mCi Tc-99m [sestamibi/tetrofosmin] i.v.

HISTORY: [] The electrocardiogram during infusion of the pharmacologic agent today was [negative/positive/indeterminate] for ischemia.

FINDINGS: Standard myocardial perfusion images were obtained after resting injection of Tl-201 on the previous evening (to allow complete redistribution of the radiopharmaceutical and optimal identification of viable myocardium). Subsequently, an intravenous infusion of [☐regadenoson>adenosine/dipyridamole/dobutamine] was performed under the supervision of attending staff from the Cardiovascular Division [☐while the patient performed low-level exercise>]. [☐ >If dobutamine used, say "The patient achieved ____% of maximum predicted heart rate and a maximum rate-pressure product of [] mm Hg-beats/min." At the peak effect of the drug, Tc-99m [sestamibi/tetrofosmin] was injected intravenously and standard myocardial perfusion images were obtained. [☐ >Additional prone post-stress images also were obtained to allow for better evaluation of the inferior wall.]

[No prior study or A prior study dated {date}] is available for comparison.

[<There is normal distribution of activity in the left and right ventricular myocardium on both delayed-rest and pharmacologic stress images.>]

Gated post-stress images demonstrate [<normal left ventricular wall thickening.>] The left ventricular volume is [<normal>] and the left ventricular ejection fraction is [%] (normal >45%).

IMPRESSION:

1. [<Normal delayed-rest and pharmacologic-stress myocardial perfusion images.>]
2. [<Normal left ventricular size and systolic function.>]

[< > Describe change from prior study if appropriate]

[< > The results of this study were communicated by Dr. (name) to Dr. (name) at (time) on (date).]

887

EXAMINATION: MYOCARDIAL IMAGING (REST/SPECT) [< > change to planar when appropriate]

DATE OF STUDY: []

RADIOPHARMACEUTICAL: [] mCi Tc-99m [sestamibi/tetrofosmin] i.v.

HISTORY: []

FINDINGS: Standard myocardial perfusion images obtained after injection of Tc-99m [sestamibi/tetrofosmin] under resting conditions [<while the patient was having chest pain.>] [< > Additional prone post-stress images also were obtained to allow for better evaluation of the inferior wall.] The images demonstrate [<uniform distribution of activity in the left ventricular myocardium.>]

[No prior study or A prior study dated {date}] is available for comparison.

Gated images demonstrate [<normal left ventricular wall thickening.>] The left ventricular volume is [<normal>] and the left ventricular ejection fraction is [%] (normal >45%).

IMPRESSION:

1. [<Normal rest myocardial perfusion images.>]
2. [<Normal left ventricular size and systolic function.>]

[< > Describe change from prior study if appropriate]

[< > The results of this study were communicated by Dr. (name) to Dr. (name) at (time) on (date).]

890

EXAMINATION: MYOCARDIAL IMAGING (REST/SPECT) [< > change to planar and possibly portable when appropriate]

DATE OF STUDY: []

RADIOPHARMACEUTICAL: [] mCi TI-201 chloride i.v.

HISTORY: []

FINDINGS: Standard myocardial perfusion images were obtained after injection of TI-201 chloride under resting conditions.

[No prior study or A prior study dated {date}] is available for comparison.

The images demonstrate [<uniform distribution of activity in the left ventricular myocardium.>]

IMPRESSION: [<Normal rest myocardial perfusion images.>]

[< > Describe change from prior study if appropriate]

[< > The results of this study were communicated by Dr. (name) to Dr. (name) at (time) on (date).]

891

EXAMINATION: MYOCARDIAL IMAGING (REST/REDISTRIBUTION/SPECT) [< > change to planar and possibly portable when appropriate]

DATE OF STUDY: []

RADIOPHARMACEUTICAL: [] mCi TI-201 chloride i.v.

HISTORY: []

FINDINGS: Standard myocardial perfusion images were obtained approximately [] minutes after injection of TI-201 chloride under resting conditions. Delayed images were

obtained approximately [] hours later to evaluate for redistribution of the radiopharmaceutical.

[No prior study or A prior study dated {date}] is available for comparison.

The images demonstrate [<uniform distribution of activity in the left ventricular myocardium on both initial and delayed images.>]

IMPRESSION: [<Normal rest and redistribution myocardial perfusion images.>]

[< > Describe change from prior study if appropriate]

[< > The results of this study were communicated by Dr. (name) to Dr. (name) at (time) on (date).]

892

EXAMINATION: MYOCARDIAL IMAGING
(EXERCISE[</REDISTRIBUTION>]/SPECT) [< > change to planar and possibly portable when appropriate]

DATE OF STUDY: []

RADIOPHARMACEUTICAL: []mCi Tl-201 chloride i.v.

HISTORY: [] Evaluate for ischemia. The electrocardiographic portion of today's exercise stress examination was [negative/positive/indeterminate] for ischemia.

FINDINGS: A standard [<Bruce treadmill>upright bicycle/arm ergometer] exercise tolerance test was performed by the patient under supervision of attending staff of the Cardiovascular Division. The patient exercised for [] minutes and [] seconds and achieved [%] of maximum predicted heart rate and a maximum rate-pressure product of [] mm Hg-beats/min. (Adequate cardiac stress is considered to be >85% of maximum predicted heart rate or a rate-pressure product >25000 mm Hg-beats/min.) At peak exertion Tl-201 was injected intravenously and thereafter standard myocardial perfusion images were obtained. [<Delayed images also were obtained to evaluate redistribution of the radiopharmaceutical.>] [< >Additional prone post-stress images also were obtained to allow for better evaluation of the inferior wall.] [< >Additional attenuation-corrected images also were obtained.]

[No prior study or A prior study dated {date}] is available for comparison.

[<There is normal distribution of activity in the left and right ventricular myocardium on post-exercise images.> Add delayed image description if needed. If abnormal, say

There is a {size} {reversibility} perfusion abnormality of {degree} severity in the {location} wall.]

Gated post-stress images demonstrate [<normal left ventricular wall thickening.>] The left ventricular volume is [<normal>] and the left ventricular ejection fraction is [%] (normal >45%).

IMPRESSION:

1. [<Normal myocardial perfusion.>]
2. [<Normal left ventricular size and systolic function.>]

[< > Describe change from prior study if appropriate]

[< > The results of this study were communicated by Dr. (name) to Dr. (name) at (time) on (date).]

894

EXAMINATION: MYOCARDIAL IMAGING (EXERCISE/RE-INJECTION/SPECT) [< > change to planar when appropriate]

DATE OF STUDY: []

RADIOPHARMACEUTICAL: [] mCi TI-201 chloride i.v. and [] mCi TI-201 chloride i.v.

HISTORY: [] The electrocardiographic portion of today's exercise stress examination was [negative/positive/indeterminate] for ischemia.

FINDINGS: A standard [<Bruce treadmill>upright bicycle/arm ergometer] exercise tolerance test was performed by the patient under supervision of attending staff of the Cardiovascular Division. The patient exercised for [] minutes and [] seconds and achieved [%] of maximum predicted heart rate and a maximum rate-pressure product of [] mm Hg-beats/min. At peak exertion TI-201 was injected intravenously and thereafter standard myocardial perfusion images were obtained. Images also were obtained several hours later after re-injection of TI-201 under resting conditions.

[No prior study or A prior study dated {date}] is available for comparison.

[<There is normal distribution of activity in the left and right ventricular myocardium on both initial and delayed images.>]

IMPRESSION:: [<Normal stress myocardial perfusion images.>]

[< > Describe change from prior study if appropriate]

[< > The results of this study were communicated by Dr. (name) to Dr. (name) at (time) on (date).]

895

EXAMINATION: MYOCARDIAL IMAGING (PHARMACOLOGIC-STRESS[</REDISTRIBUTION>]/SPECT) [< > change to planar when appropriate]

DATE OF STUDY: []

RADIOPHARMACEUTICAL: [] mCi Tl-201 chloride i.v.

HISTORY: [] Evaluate for ischemia. The electrocardiogram during infusion of the pharmacologic agent today was [negative/positive/indeterminate] for ischemia.

FINDINGS: An intravenous infusion of [<regadenoson> adenosine/dipyridamole/dobutamine] was performed under the supervision of attending staff from the Cardiovascular Division [<while the patient performed low level exercise>]. [< >If dobutamine used, add "The patient achieved ____ % of maximum predicted heart rate and a maximum rate-pressure product of ____ mm Hg-beats/min."]
At the peak effect of the drug, Tl-201 was injected intravenously and thereafter standard myocardial perfusion images were obtained. [<Delayed images also were obtained to evaluate redistribution of the radiopharmaceutical.>] [< >Additional prone post-stress images also were obtained to allow for better evaluation of the inferior wall.] [< >Additional attenuation-corrected images also were obtained.]

[No prior study or A prior study dated {date}] is available for comparison.

[<There is normal distribution of activity in the left and right ventricular myocardium on post-stress images.> Add delayed image description if needed. If abnormal, say There is a {size} {reversibility} perfusion abnormality of {degree} severity in the {location} wall.]

Gated post-stress images demonstrate [<normal left ventricular wall thickening.>] The left ventricular volume is [<normal>] and the left ventricular ejection fraction is [%] (normal >45%).

IMPRESSION:

1. [<Normal myocardial perfusion.>]
2. [<Normal left ventricular size and systolic function.>]

[< > Describe change from prior study if appropriate]

[< > The results of this study were communicated by Dr. (name) to Dr. (name) at (time) on (date).]

897

EXAMINATION: MYOCARDIAL IMAGING (EXERCISE AND REST/SPECT) [< > change to planar and/or non-gated when appropriate]

DATE OF STUDY: []

RADIOPHARMACEUTICAL:

Exercise: [] mCi [<Tc-99m sestamibi i.v.>][< Tc-99m tetrofosmin i.v.>]

Rest: [] mCi [<Tc-99m sestamibi i.v.>][< Tc-99m tetrofosmin i.v.>]

HISTORY: [] The electrocardiographic portion of today's exercise stress examination was [negative/positive/indeterminate] for ischemia.

FINDINGS: A standard [<Bruce treadmill>upright bicycle/arm ergometer] exercise tolerance test was performed by the patient under the supervision of attending staff from the Cardiovascular Division. The patient exercised for [] minutes and [] seconds and achieved [%] of the maximum predicted heart rate and a maximum rate-pressure product of [] mm Hg-beats/min. Standard myocardial perfusion images were obtained after tracer injection at peak exercise. [< >Additional prone post-stress images also were obtained to allow for better evaluation of the inferior wall.] Images were obtained later after an additional tracer injection to evaluate resting distribution of the radiopharmaceutical.

[No prior study or A prior study dated {date}] is available for comparison.

[<There is normal distribution of activity in the left and right ventricular myocardium on both post-exercise and re-injection images.>]

Gated post-stress images demonstrate [<normal left ventricular wall thickening.>] The left ventricular volume is [normal] and the left ventricular ejection fraction is [%] (normal >45%).

IMPRESSION::

1. [<Normal rest and exercise myocardial perfusion images. >]
2. [<Normal left ventricular size and systolic function.>]

[< > Describe change from prior study if appropriate]

[< > The results of this study were communicated by Dr. (name) to Dr. (name) at (time) on (date).]

EXAMINATION: MYOCARDIAL IMAGING (PHARMACOLOGIC-STRESS AND REST/SPECT) [☐ > change to planar when appropriate]

DATE OF STUDY: []

RADIOPHARMACEUTICAL:

Pharmacologic Stress: [] mCi [☐ Tc-99m sestamibi i.v. >][☐ Tc-99m tetrofosmin i.v. >]

Rest: [] mCi [☐ Tc-99m sestamibi i.v. >][☐ Tc-99m tetrofosmin i.v. >]

HISTORY: [] The electrocardiogram during infusion of the pharmacologic agent today was [negative/positive/indeterminate] for ischemia.

FINDINGS: An intravenous infusion of [☐ regadenoson >adenosine/dipyridamole/dobutamine] was performed under the supervision of attending staff from the Cardiovascular Division [☐ while the patient performed low-level exercise >]. [☐ > If dobutamine used, add "The patient achieved % of a maximum predicted heart rate and a maximum rate-pressure product of [] mm Hg-beats/min."] Standard myocardial perfusion images were obtained after tracer injection at the peak effect of the drug. [☐ >Additional prone post-stress images also were obtained to allow for better evaluation of the inferior wall.] Images were obtained later after an additional tracer injection to evaluate the resting distribution of the radiopharmaceutical.

[No prior study or A prior study dated {date}] is available for comparison.

[☐ >There is normal distribution of activity in the left and right ventricular myocardium on both pharmacologic-stress and re-injection images. >]

Gated images demonstrate [☐ >normal left ventricular wall thickening. >] The left ventricular volume is [☐ >normal >] and the left ventricular ejection fraction is [%] (normal >45%).

IMPRESSION:

1. [☐ >Normal rest and pharmacologic-stress. >]
2. [☐ >Normal left ventricular size and systolic function. >]

[☐ > Describe change from prior study if appropriate]

[☐ > The results of this study were communicated by Dr. (name) to Dr. (name) at (time) on (date).]

Syngo cardiac rvg

832

EXAMINATION: CARDIAC BLOOD POOL IMAGING (REST)

DATE OF STUDY: []

RADIOPHARMACEUTICAL: [] mCi Tc-99m in vivo labeled red cells i.v.

HISTORY: []

FINDINGS: [No prior study or A prior study dated {date}] is available for comparison.

[<The atria and great vessels are of normal size and configuration.>] The right ventricle is [<of normal size and contracts normally.>] The left ventricle is [<of normal size and contracts normally.>] The left ventricular ejection fraction is [%] (normal > 50%).

IMPRESSION: [<Normal cardiac blood pool study.>]

833

EXAMINATION: CARDIAC BLOOD POOL IMAGING (REST)

DATE OF STUDY: []

RADIOPHARMACEUTICAL: [] mCi Tc-99m in vivo labeled red cells i.v.

HISTORY: []

FINDINGS: [No prior study or A prior study dated {date}] is available for comparison.

[<The atria and great vessels are of normal size and configuration.>] The right ventricle is [<of normal size and contracts normally.>] The left ventricle is [<of normal size and contracts normally.>] The right ventricular ejection fraction is [%] (normal > 40%). The left ventricular ejection fraction is [%] (normal > 50%).

IMPRESSION: [<Normal cardiac blood pool study.>]

