



Mount
Sinai
Heart

Cardiovascular Imaging Center

1428 Madison Avenue • New York, NY • 10024

Phone: [REDACTED] • Fax: [REDACTED]

CT Report

Name: Epstein, Jeffrey
MRN: 7206913
DOB: 01/20/1953
Age/Gender: 63/M

Scan Date: 09/06/2016
Acc Number: 1497253
ReferringMD: Rony Shimony, MD
AttendingMD: Adam Jacobi, MD

Summary

CT without contrast was performed for coronary calcium, chest, abdomen and pelvis evaluation. Reconstructions were transferred to a workstation for further analysis.

1. Coronary atherosclerosis without significant stenosis.
2. The calcium score is 63 (53rd percentile adjusted for age, gender and ethnicity).
3. Normal left ventricular size and systolic function. No regional wall motion abnormalities.
4. No abdominal aortic or iliac arterial aneurysm.

Scan Info

General

Contrast Agent Medication Administered During Scan

Type: None **Type:** Metoprolol IV, NTG SL 0.4mg
Dose: 85 ml **Metoprolol IV, Dose:** 10 mg

Vitals

Height: 72 in **Height:** 182.9 cm **Body Weight:** 190 lbs **Body Weight:** 86.2 kg
BSA: 2.1 m² **Heart Rate:** 71 BPM **Heart Rhythm:** Sinus Rhythm

Setup

Type: Clinical **Location:** Outpatient **ECG Gating Technique:** Prospective

Study Quality: Good

Referring Provider: Rony Shimony, MD

Attending Radiologist: Adam Jacobi, MD

Attending Cardiologist: Gina LaRocca, MD

Billing

CPT Code(s)

71275, 74174 CTA Chest, ABD/Pelvis w/wo Contrast
75574, 71275 CTA Coronary & Chest w/wo Contrast

ICD-10 Code(s)

Miscellaneous

Z13.6 Encounter for screening for cardiovascular disorders



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Cardiac

Coronaries

Coronary Arteries

Coronary Arterial Dominance: Right

ARTERIES	DIAMETER STENOSIS	PLAQUE	STENT
Proximal RCA	0		
Mid RCA	0		
Distal RCA	0		
PDA	0		
LM	0		
Proximal LAD	25%	PC	
Mid LAD	25-49%	PC	
Distal LAD	25%	PC	
D1	<25%	NC	
D2			
Proximal LCX	0		
OM 1	0		
Mid LCX	0		
OM 2			
Distal LCX	0		
Posterolateral			
Other	0		

DIAMETER STENOSIS: 0; <25%; 25%; 25-49%; <50%; 50%; 50-69%; 70-99%; 75%; 100%; UE = UNEVALUABLE
 PLAQUE: NC = NONCALC.; PNC = PREDOMIN. NC; PC = PREDOMIN. C; C = CALCIFIED
 STENT: NORMAL; <50%; >50%; O = OCCLUDED; ? = CANNOT EXCLUDE

Coronary Calcium Scoring	Score	Percentile
Agatston	63	53
Volume		

Additional Findings

'Other' refers to a small ramus intermedius artery.

Chambers



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Volumetric Analysis

Volumetric Analysis [NRV]	LV	RV
EDV (ml) [L: 81-220, R: 81-269]	180	
ESV (ml) [L: 24-106, R: 25-140]	59	
Cardiac Output (L/min)	8.6	
Mass (g) [L: 48-166]		
Stroke Volume (ml)	121	
EF (%) [L: 44-71, R: 42-74]	67	

Vascular

Upper Vascular

EVALUATION OF THE THORACIC AORTA



COMMENTS

Proximal great arch vessels are widely patent.

Evaluation Details

AORTIC ROOT

Sinus of Valsalva Max Diameter A: 3.5 cm
Sinus of Valsalva Max Diameter B: 3.4 cm

ASCENDING AORTA

Dimension A: 3.6 cm
Dimension B: 3.6 cm

ARCH OF THE AORTA

Dimension A: 2.8 cm
Dimension B: 2.8 cm

MID-DESCENDING AORTA

Dimension A: 2.5 cm
Dimension B: 2.5 cm

DISTAL DESCENDING AORTA

Dimension A: 2.4 cm
Dimension B: 2.3 cm

See comments.

Lower Vascular



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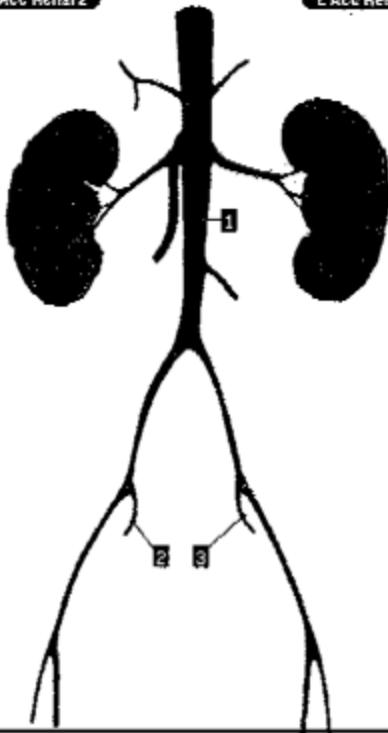
EVALUATION OF THE ABDOMINAL AORTA AND PELVIS

R Acc Renal 1
R Acc Renal 2

L Acc Renal 1
L Acc Renal 2

COMMENTS

Hepatic artery arises separately from the suprarenal abdominal aorta. The celiac artery, SMA, IMA, and bilateral renal arteries are widely patent.



Evaluation Details

ABDOMINAL AORTA

Dimension A: 1.6 cm

Dimension B: 2 cm

1. The infra renal Abdominal Aorta has focal calcium present.
2. The Right Internal Iliac has mild calcium present.
3. The Left Internal Iliac has focal calcium present.

Other Findings

Lung Nodules

Lung Nodules?: Yes

Pulmonary Lobe Location: Right Lower

Calcified?: Yes

Size (mm): 2

Other Findings Summary

CARDIOVASCULAR:

The heart is normal in size. There is no pericardial effusion. The aorta and pulmonary arteries are normal in caliber.

LUNGS AND PLEURA:

Benign calcified granulomas in the right lower lobe. No focal consolidation or diffuse interstitial lung disease. The trachea and central airways are patent. No pleural effusion.

LIVER:

Normal liver size. Wedge shaped region of hyperenhancement in the right hepatic lobe is likely related to perfusion phenomenon, but incompletely evaluated on this single phase arterial study. Normal gallbladder. No biliary duct dilatation.



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SPLEEN:

No focal lesion. Normal size.

PANCREAS:

No focal lesion. No calcification. No ductal dilation.

GI TRACT:

Stool is noted in the colon. s/p partial right colonic surgery with suture material noted. No evidence of significant diverticulosis. Limited bowel evaluation without oral contrast.

LYMPH NODES:

No lymphadenopathy by size criteria.

GU:

The kidneys are normal in size bilaterally with no focal lesion and no hydronephrosis. Mildly enlarged prostate (4.5 cm transverse diameter) with central calcifications.

MUSCULOSKELETAL:

No aggressive osseous lesion. Mild degenerative changes of the spine.