VITAL Clark Memorial VITAL

1220 Missouri Avenue
Jeffersonville Indiana, 47130

Patient ID: 1001686	**Referring Physician:** Cruz Rafael
Patient Name: Hudson Bill C	**Exam Type:** PACKAGE 1--- CALCIUM SCORING ONLY
Date of Birth: 1961.09.06	**Scan Date:** 2022.01.24
Gender: M	**Report Date:** 2022.01.24-12:32PM
Indications: INDICATIONS	
History/Risk Factors: PATIENT RISK FACTORS	

CT Calcium Scoring

Coronary calcium is a marker for plaque (fatty deposits) in a blood vessel or atherosclerosis (hardening of the arteries). The presence and amount of calcium detected in a coronary artery by the CT scan, indicates the presence and amount of atherosclerotic plaque. These calcium deposits appear years before the development of heart disease symptoms such as chest pain and shortness of breath.

A calcium score is computed for each of the coronary arteries based upon the volume and density of the calcium deposits. This can be referred to as your calcified plaque burden. It does not correspond directly to the percentage of narrowing in the artery but does correlate with the severity of the underlying coronary atherosclerosis.

Procedure

TECHNIQUE- Gated-, Slice thickness: 3mm.
Density threshold (HU):130 , Pixel threshold: 3 , Algorithm: Discrete

Results

Region	Calcium Score (Agatston)	Volume (mm^3)
LM	87	65
RCA	6	11
LAD	443	344
CX	17	18
PDA	---	---
Other1	---	---
Other2	---	---
Other3	---	---
Total	553	438

January 24, 2022
Total Calcium Score553

December 16, 2022
Total Calcium Score 15

Region	IN 11 MONTHS, WITH 30 IV CHELATIONS, PASTOR BILL HUDSON LOWERED HIS HEART ARTERY PLAQUE SCORE FROM 553 TO 15 **CALCIUM SCORE 12/16/2022** Calcium Score
LM	0 Reduced From 87 to 0 after IV Chelation
RCA	0 Reduced From 6 to 0 after IV Chelation
LAD	0 Reduced From 443 to 0 after IV Chelation
CX	15 Reduced From 18 to 15 after IV Chelation
	(See Actual 10/12/2023 Calcium Score Report Below on Page 2)
Total	15 Total Calcium Score Dropped From 553 to 15!

RCA
414656660

CLARK MEMORIAL HOSPITAL
X-Ray Examination

NAME:	Hudson, Bill C	ROOM#:	RD---CMH
DOB:	09/06/1961 AGE: 61Y	MR#:	1001686
ORD PHYS:	Cruz, Rafael	ACCT#:	414656660
ATT PHYS:	Cruz, Rafael	ADMIT:	12/16/2022
MODALITY:	CT	EXAM DATE:	12/16/2022
EXAM CODE:	PACKAGE 1--- CALCIUM SCORING ONLY	MI#:	3771658

CT CORONARY CALCIUM SCORE, 12/16/2022

HISTORY:
Screening for coronary artery disease.

TECHNIQUE:
Noncontrast thin section CT images with targeted small field of view through the heart. Radiation dose reduction techniques included automated exposure control. Radiation audit for CT and nuclear cardiology exams in the last 12 months: 1.

COMPARISON:
CT calcium score 1/24/2022

Previous Calcium Score on 1/24/2022 = 553

FINDINGS:
Limited images through the mediastinum and heart show normal caliber ascending thoracic aorta and central pulmonary arteries. No pericardial effusion. Visualized midlungs are clear. The patient has a stent in the LAD which may not have been accounted for
on the previous exam, producing a falsely elevated calcium score on that exam.

CORONARY ARTERY CALCIUM SCORE:
* Left main coronary artery, 0.
* Right coronary artery, 0.
* Left anterior descending coronary artery, 0.
* Left circumflex coronary artery, 15.

TOTAL CORONARY ARTERY CALCIUM SCORE: 15.

Total Calcium Score on 12/16/2022 = 15
Less than 1 Year Later
After only 30 - IV Chelations,
Calcium score dropped 538 points
down to 15!)

IMPRESSION:
1. Total coronary artery calcium score: 15.
2. Calcium score category: Mild atherosclerotic plaque.
3. Clinical risk category: Mild or minimal coronary artery narrowings are likely.

Signer Name: Jeffrey Boyd, MD
Signed: 12/16/2022 7:00 PM
Workstation Name: BOYDIRPACS-PC
Radiology Specialists of Louisville
;

Dictated by: Jeffrey K Boyd on December 16, 2022 at 19:00
Electronically Signed by: Jeffrey K Boyd on December 16, 2022 at 19:00
Referring M.D.: Rafael Cruz on December 09, 2022 at 14:43

IV Chelation
IV Plaquex
Repeat IV chelation x 40 in 1 year
Maintenance 1x / month