

MCA • 273 Winton M Blount Loop, Montgomery AL 36117-3507

JENKINS, JONATHAN (id # 195851, dob: 11/02/1999)

Medical Records - CONFIDENTIAL

FROM: AL - Montgomery Cardiovascular Assoc, PC
Stephanie C
273 Winton M Blount Loop, Montgomery, AL 36117-3507
Phone: (334) 280-1500
Fax: (334) 280-1600

TO: LINDSEY BARTON CRNP
7461 EAST DR, MONTGOMERY, AL 36117-8092
Phone: (334) 244-3281
Fax: (334) 244-3396

Name: JENKINS, JONATHAN

DOB: 11/02/1999

Date Range: 01/01/2021 to 08/24/2021

This document contains the following records of the patient:

- **Imaging Results**

This fax may contain sensitive and confidential personal health information that is being sent for the sole use of the intended recipient. Unintended recipients are directed to securely destroy any materials received. You are hereby notified that the unauthorized disclosure or other unlawful use of this fax or any personal health information is prohibited. To the extent patient information contained in this fax is subject to 42 CFR Part 2, this regulation prohibits unauthorized disclosure of these records.

If you received this fax in error, please visit www.athenahealth.com/NotMyFax to notify the sender and confirm that the information will be destroyed. If you do not have internet access, please call 1-888-482-8436 to notify the sender and confirm that the information will be destroyed. Thank you for your attention and cooperation.
[ID:195851-A-11015]

Reviewed
8/27/21
R. Barton CRNP

MCA • 273 Winton M Blount Loop, Montgomery AL 36117-3507

JENKINS, JONATHAN (id #195851, dob: 11/02/1999)

Imaging Results

ECHOCARDIOGRAM (#4276911, Final, 08/23/2021 1:59pm)

Montgomery Cardiovascular Associates, P.C.
273 Winton M Blount Loop
PO Box 241587 Montgomery, Alabama 36117
Phone: (334) 280-1500

Accredited By: Intersocietal Accreditation Commission for Echocardiography

Transthoracic Echocardiogram Report

-----+
Name: JENKINS, JONATHAN Study Date: 08/23/2021
Height: 72 in :
MRN: 999195851
Weight: 133 lb :
DOB: 11/02/1999 Gender: Male
:
:
BSA: 1.8 m2 :
Age: 21 yrs
BP: 104/61 mmHg:
Reason For Study: Abnormal EKG, History of COVID
HR: 55 :
Ordering Physician: Maranda Fain, CRNP Performed By: Stephanie H Coburn, RT(R)(S), RVS, RCS :
Referring Physician: Lindsey Barton, CRNP
:
-----+

Interpretation Summary

Left Ventricular ejection fraction = 55-60%.
There is trace tricuspid regurgitation.
Right ventricular systolic pressure is 20-30mmHg.
The left ventricular wall motion is normal.
No diastolic dysfunction parameters to suggest elevated left atrial pressure or congestive heart failure.
The left atrium is mildly dilated.

Procedure: A complete two-dimensional transthoracic echocardiogram was performed (2D, M-mode, spectral and color flow Doppler). Study Quality: Fair.
Left Ventricle: The left ventricle is normal in size. There is normal left ventricular wall thickness. Left Ventricular ejection fraction = 55-60%. Global strain not indicated. The left ventricular wall motion is normal. No diastolic dysfunction parameters to suggest elevated left atrial pressure or congestive heart failure.
Left Atrium: The left atrium is mildly dilated.
Right Ventricle: The right ventricle is normal size.
Right Atrium: Right atrial size is normal.
Mitral Valve: There is mild mitral valve thickening. There is trace mitral regurgitation.
Aortic Valve: The aortic valve is trileaflet. No aortic regurgitation is present. No hemodynamically significant valvular aortic stenosis.
Tricuspid Valve: Structurally normal tricuspid valve. There is trace tricuspid regurgitation. Right ventricular systolic pressure is 20-30mmHg.
Pulmonic Valve: The pulmonic valve is not well visualized. There is no pulmonic valvular regurgitation.
Aorta/PA: The aortic root is normal size.

Pericardium: Trivial pericardial effusion not hemodynamically significant.

MMode/2D Measurements & Calculations

RVDd: 2.3 cm LVIDd: 4.2 cm FS: 24.0 %
IVSd: 1.1 cm LVIDs: 3.2 cm EDV(Teich): 79.3 mlMVA(traced): 3.7 cm2
LVPWd: 0.97 cm ESV(Teich): 41.1 ml
EF(Teich): 48.1 %

Ao root diam: 3.5 cm LVOT diam: 2.4 cm IVC diam: 2.7 cm
Ao root area: 9.7 cm2 LVOT area: 4.7 cm2

MCA • 273 Winton M Blount Loop, Montgomery AL 36117-3507

JENKINS, JONATHAN (id #195851, dob: 11/02/1999)

ACS: 2.2 cm

LA dimension: 4.1 cm

Doppler Measurements & Calculations

MV E max vel:	MV dec slope:	Ao V2 max:	LV V1 max PG:
81.8 cm/sec	414.0 cm/sec ²	134.4 cm/sec	4.9 mmHg
MV A max vel:	MV dec time: 0.22 sec	Ao max PG:	LV V1 mean PG:
36.8 cm/sec		7.0 mmHg	2.6 mmHg
MV E/A: 2.2		Ao V2 mean:	LV V1 max:
		93.9 cm/sec	109.7 cm/sec
		Ao mean PG:	LV V1 mean:
		4.0 mmHg	75.1 cm/sec
		Ao V2 VTI: 27.1 cm	LV V1 VTI: 21.7 cm
		AVA(I,D): 3.7 cm ²	
		AVA(V,D): 3.8 cm ²	

MR max vel:	SV(LVOT): 100.9 ml	PA V2 max:	TR max vel:
272.0 cm/sec		79.8 cm/sec	199.7 cm/sec
MR max PG:		PA max PG:	TR max PG:
29.6 mmHg		2.5 mmHg	19.1 mmHg
		PA acc time:	RVSP(TR): 29.1 mmHg
		0.13 sec	

RAP systole:	PA pr(Accel):
10.0 mmHg	22.5 mmHg

Electronically signed by: Scott Sims, MD on 08/24/2021 08:22 AM
[https://ISVCV-SRV.ad.baptistfirst.org/GetReport.asp?](https://ISVCV-SRV.ad.baptistfirst.org/GetReport.asp?Modality=US&StudyInstanceUID=1.2.840.113619.2.391.60678.1629727176.291.1)
Modality=US&StudyInstanceUID=1.2.840.113619.2.391.60678.1629727176.291.1