

JENKINS, BRITTANEY D (id #26056, dob: 09/15/1989)**Medical Records - CONFIDENTIAL****FROM:** AL - Montgomery Cardiovascular Assoc, PC

Denise D

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

Phone: (334) 280-1500

Fax: (334) 280-1600

TO:**Name:** JENKINS, BRITTANEY D**DOB:** 09/15/1989**Date Range:** 01/01/2020 to 05/06/2020**This document contains the following records of the patient:**

- **Imaging Results**

Note: Echo results

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[ID:26056-A-11015]

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JENKINS, BRITTANEY D (id #26056, dob: 09/15/1989)

Imaging Results**ECHOCARDIOGRAM**

(#3146307, Final, 05/05/2020 8:28am)

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

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:Name: JENKINS, BRITTANEY D Study Date: 05/05/2020
Height: 64 in :
:MRN: 99926056
Weight: 214 lb :
:DOB: 09/15/1989 Gender: Female
:
:
BSA: 2.0 m2 :
:Age: 30 yrs
BP: 132/71 mmHg:
:Reason For Study: Chest pain, Abnormal EKG, HTN, History of mitral valve prola
pse, Anemia HR: 99 :
:Ordering Physician: Melodye Harvey, CRNP Performed By: Stephanie H Coburn, RT(
R)(S), RVS, RCS :
:Referring Physician: Melodye Harvey, CRNP
:
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Interpretation Summary

The left ventricular size, thickness and function are normal.
Left Ventricular ejection fraction = 65-70%.
The left ventricular wall motion is normal.
Left Ventricular Filling pattern is normal.
The right ventricle is normal in size and function.
There is mild tricuspid regurgitation.
There is no pericardial effusion.

Procedure: A complete two-dimensional transthoracic echocardiogram was performed (2D, M-mode, spectral and color flow Doppler). Technical limitations due to obesity. The subcostal views were difficult to obtain and are suboptimal in quality.

Left Ventricle: The left ventricular size, thickness and function are normal.
Left Ventricular ejection fraction = 65-70%. The left ventricular wall motion is normal. Left Ventricular Filling pattern is normal.

Left Atrium: The left atrial size is normal. The interatrial septum is intact with no evidence for an atrial septal defect.

Right Ventricle: The right ventricle is normal in size and function.

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: The tricuspid valve is not well visualized, but is grossly normal. There is mild tricuspid regurgitation. Right ventricular systolic pressure is 20-30mmHg.

Pulmonic Valve: The pulmonic valve is not well visualized. Trace pulmonic valvular regurgitation.

Aorta/PA: The aortic root is normal size.

PV/IVC/Hepatic: Normal pulmonary vein spectral Doppler velocities. The inferior vena cava is normal in size, with a normal collapsibility index.

Pericardium: There is no pericardial effusion.

MMode/2D Measurements & Calculations

RVDd: 2.2 cm LVIDd: 4.5 cm FS: 36.8 %
IVSd: 0.94 cm LVIDs: 2.8 cm EDV(Teich): 90.7 mlMVA(traced): 3.3 cm2
LVPWd: 1.0 cm ESV(Teich): 30.0 ml

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EF(Teich): 66.9 %

Ao root diam: 2.9 cm LVOT diam: 2.2 cm IVC diam: 1.3 cm
Ao root area: 6.8 cm² LVOT area: 3.8 cm²
ACS: 1.9 cm
LA dimension: 3.9 cm

Doppler Measurements & Calculations

MV E max vel:	MV dec slope:	Ao V2 max:	LV V1 max PG:
100.6 cm/sec	522.1 cm/sec ²	126.6 cm/sec	5.7 mmHg
MV A max vel:	MV dec time:	Ao max PG:	LV V1 mean PG:
65.0 cm/sec	0.21 sec	6.4 mmHg	3.0 mmHg
MV E/A: 1.5		Ao V2 mean:	LV V1 max:
		92.9 cm/sec	118.9 cm/sec
		Ao mean PG:	LV V1 mean:
		3.8 mmHg	82.1 cm/sec
		Ao V2 VTI: 24.9 cm	LV V1 VTI: 20.3 cm
		AVA(I,D): 3.1 cm ²	
		AVA(V,D): 3.6 cm ²	

MR max vel:	SV(LVOT): 77.0 ml	PA V2 max:	PI end-d vel:
342.7 cm/sec		95.0 cm/sec	67.5 cm/sec
MR max PG:		PA max PG:	
47.1 mmHg		3.6 mmHg	
		PA acc time:	
		0.11 sec	

TR max vel:	RAP systole:	PA pr(Accel):
220.4 cm/sec	5.0 mmHg	29.3 mmHg
TR max PG:		
22.4 mmHg		
RVSP(TR): 27.4 mmHg		

Electronically signed by: Amy B. Cooper, MD on 05/05/2020 03:28 PM

<https://ISCVV-SRV.ad.baptistfirst.org/GetReport.asp?>

Modality=US&StudyInstanceUID=1.2.840.113619.2.391.60678.1588667292.65.1