



Medical Records - CONFIDENTIAL

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Name: MANN, RACHAEL

DOB: 06/23/1983

Date Range: 01/01/2023 to 10/26/2023

This document contains the following records of the patient:

- **Imaging Results**

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[ID:203149-A-11015]

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

MANN, Rachael (id #203149, dob: 06/23/1983)

Imaging Results

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

MANN, Rachael (id #203149, dob: 06/23/1983)**ECHOCARDIOGRAM (#6230637, Final, 10/26/2023 1:46pm)**

Montgomery Cardiovascular Associates, P.C.
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Accredited By: Intersocietal Accreditation Commission for Echocardiography

Transthoracic Echocardiogram Report

Name: MANN, RACHAEL Study Date: 10/26/2023 01:46 PM
Height: 65 in :
MRN: 999203149
Weight: 247 lb :
DOB: 06/23/1983 Gender: Female
BSA:
2.2 m2 :
Age: 40 yrs BP:
147/82 mmHg:
Reason For Study: LEE, Htn, Smoker HR: 70
Ordering Physician: Laken Armstrong, CRNP Performed By: Kelsey N Dark, RCS
Referring Physician: Lindsey Barton, CRNP

Interpretation Summary

The left ventricular size, thickness and function are normal.
Left Ventricular ejection fraction = 65-70%.
No diastolic dysfunction parameters to suggest elevated left atrial pressure or congestive heart failure.
The right ventricle is normal in size and function.
Right ventricular systolic pressure estimate is normal.
The IVC is normal in size with an inspiratory collapse of greater than 50%, suggesting normal right atrial pressure.

No significant change compared to last echo 12/16/2022

Procedure: A complete two-dimensional transthoracic echocardiogram was performed (2D, M-mode, spectral and color flow Doppler). Study Quality: Fair.
Left Ventricle: The left ventricular size, thickness and function are normal.
Left Ventricular ejection fraction = 65-70%. Global Strain not indicated. No regional wall motion abnormalities noted. No diastolic dysfunction parameters to suggest elevated left atrial pressure or congestive heart failure.
Left Atrium: The left atrial size is normal.
Right Ventricle: The right ventricle is normal in size and function.
Right Atrium: Right atrial size is normal.
Mitral Valve: The mitral valve is normal in structure and function. There is trace mitral regurgitation.
Aortic Valve: The aortic valve is trileaflet. The aortic valve is normal in structure and function. No aortic regurgitation is present. No hemodynamically significant valvular aortic stenosis.
Tricuspid Valve: The tricuspid valve is normal in structure and function. There is trace tricuspid regurgitation. Right ventricular systolic pressure estimate is normal.
Pulmonic Valve: The pulmonic valve is not well visualized. Mild pulmonic valvular regurgitation.
Aorta/PA: The aortic root is normal size.
PV/IVC/Hepatic: The IVC is normal in size with an inspiratory collapse of greater than 50%, suggesting normal right atrial pressure.
Pericardium: There is no pericardial effusion.

MMode/2D Measurements & Calculations

RVDd: 3.6 cm	LVIDd: 5.6 cm	FS: 37.5 %	MVA(traced):
IVSd: 0.99 cm	LVIDs: 3.5 cm	EDV(Teich):	
LVPWd: 0.95 cm	151.6 ml	3.3 cm2	
	ESV(Teich): 50.2 ml		
	EF(Teich): 66.9 %		

Ao root diam: 2.7 cm LVOT diam: 2.2 cm IVC diam: 1.7 cm

10/26/23
Reviewed
J. Barton
CRNP

MANN, Rachael (id #203149, dob: 06/23/1983)

Ao root area: LVOT area:
5.8 cm2 3.9 cm2
ACS: 1.5 cm
LA dimension: 3.0 cm
Ao mean PG: 4.6 mmHg
Ao max PG: 8.5 mmHg

Doppler Measurements & Calculations
MV E max vel: MV dec slope: Ao V2 max: LV V1 max PG:
82.9 cm/sec 517.3 cm/sec2 145.5 cm/sec 7.2 mmHg
MV A max vel: Ao V2 mean: LV V1 mean PG:
57.5 cm/sec 99.5 cm/sec 3.9 mmHg
MV E/A: 1.4 Ao V2 VTI: 31.8 cm LV V1 max:
AVA(I,D): 3.6 cm2 134.1 cm/sec
AVA(V,D): 3.6 cm2 LV V1 mean:
94.7 cm/sec
LV V1 VTI: 29.6 cm

SV(LVOT): 114.7 ml PA V2 max: TR max vel: RAP systole:
84.9 cm/sec 255.8 cm/sec 5.0 mmHg
PA max PG: 2.9 mmHg TR max PG:
26.2 mmHg
RVSP(TR): 31.2 mmHg

PA pr(Accel):
20.8 mmHg

Reading Physician:
Dr. Ashwini Sharma, MD 10/26/2023 03:11 PM