

**Echocardiogram
Report**VidiStar, LLC
P.O. Box 8539
Greenville, SC 29604-8539Patient name: **JOHNSON, JOANNE**Patient ID: **PACS-3149555879**

DOB: 12/01/1963 Chart#:
 Age: 56Y Inpt/Outpt: Outpatient
 Sex: F Equipment: Vivid E9
 Weight: 192 lb B/P: 138 /82
 Height: 61 in
 BSA: 1.94 m²

Referred by: Gimbel, Kenneth S., MD, FACC
 Ordering physician:
 Sonographer: Pamela Boone, RDCS
 Interpreting physician: Test Physician
 Examination date: 12/19/2019

Diagnosis: Hypertension, Echocardiography, transthoracic, real-time with image documentation (2D), includes M-mode recording, when performed, complete, with spectral Doppler echocardiography, and with color flow Doppler echocardiography (93306),

Findings

Left Ventricle LV chamber and wall dimensions are normal. There is normal LV systolic function. The estimated LV ejection fraction is normal at 55-60%. Normal left atrial pressure and diastolic function.

Right Ventricle There is normal right ventricular size, wall dimension, and systolic function. Tricuspid annular plane excursion (TAPSE) is normal. TAPSE (M-Mode): 1.9 cm.

Left Atrium LA chamber size is normal. The LA volume index (A-L Biplane) is 17.01 ml/m².

Right Atrium RA chamber size is normal.

Aortic Valve There is a trileaflet aortic valve. There is normal aortic valve structure and function.

Mitral Valve There is mild mitral annular calcification. There is trivial mitral regurgitation.

Tricuspid Valve There is no tricuspid valve stenosis or regurgitation.

Pulmonary Valve There is normal pulmonic valve structure and function.

Pericardium The pericardium is normal. There is no pericardial effusion present.

Aorta The aortic root, ascending aorta, descending aorta, and aortic arch are all within normal limits.

Venous The inferior vena cava dimension is normal.

Echo Dimensions

	M-Mode	2D	Range
Ao Root Dia		2.95 cm	(2.7 - 3.3)
LA Dimen		3.67 cm	(2.7 - 3.8)
IVS (D)		1.04 cm	(0.6 - 0.9)
LVPW (D)		0.9 cm	(0.6 - 0.9)
LV (D)		4.7 cm	(3.8 - 5.2)
LV (S)		2.78 cm	(2.2 - 3.5)
LA Vol Idx		17.01 ml/m ²	<35
RV S'			

	M-Mode	2D	Range
Asc Ao Dia		3.12 cm	(2.3 - 3.1)
RVID (D)		2.75 cm	(2 - 3)
LVOT Dia		1.88 cm	(1.8-2.2)
AV opening			(1.5-2.6)
EF (MOD 4AC)			
FS		40.87 %	(25-46)
RVSP (Doppler)			(15-30)

Doppler

Aortic Valve	
LVOT Peak Gradient	3.44 mmHg
LVOT Peak Velocity	0.93 m/s
LVOT Mean Grad	1.97 mmHg
LVOT VTI	19.55 cm
LVOT/AV VTI	0.71
AV Peak Velocity	1.42 m/s
AV Peak Gradient	8.09 mmHg
AV Mean Gradient	3.79 mmHg

Mitral Valve	
MV Peak E Vel	0.83 m/s
MV Peak A Vel	0.86 m/s
E/A	0.96
MV Dec T	208.39 ms

Diastolic Functions / TDI	
E/Med E'	11.08
E/Lat E'	11.08
MV Average E/E'	11.08
Peak Med E' Vel	7.45 cm/s
Peak Lat E' Vel	7.45 cm/s

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Int. Physician: Test Physician

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AV Area (VMax)	1.82 cm2
AV VTI	27.72 cm
AV Area (VTI)	1.96 cm2

Pulmonic Valve	
PV Vmax	0.94 m/s
PV Peak Gradient	3.55 mmHg

Electronically signed by: Test Physician
12/30/2019 3:06 PM