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**Cardiovascular Imaging Laboratory
Transthoracic Echocardiographic Study Report**

Name:	Patient ID:
Exam Date:	Ht: in Wt: lb BSA: m ²
Sonographer:	DOB: Age: Yrs Gender:
Study Location:	Previous Study:
Reading Physician:	Primary Care Physician:
Referring Physician:	Copy To:
Medications:	
Indications:	
Risk Factors and Assessment:	
Procedure:	

Sonographer Comments:
Ejection fraction is %. Please modify this number if necessary.
***These comments will remove from the final report.**

Observations

Left Ventricle:	Normal chamber size. Normal wall thickness. Normal global systolic function. Normal diastolic function. No resting wall motion abnormalities noted.
Right Ventricle:	Chamber size is normal. Global systolic function is normal.
Left Atrium:	Left atrium is normal in size.
Right Atrium:	Right atrium is normal in size.
Mitral Valve:	Valve appears structurally normal. No evidence of stenosis. No significant regurgitation visualized.
Aortic Valve:	Valve appears structurally normal. No evidence of stenosis. No significant regurgitation visualized.
Tricuspid Valve:	Valve appears structurally normal. No evidence of stenosis. No significant regurgitation visualized.
Pulmonic Valve:	Valve appears structurally normal. No evidence of stenosis. No significant regurgitation visualized.
Pericardium:	Pericardium appears normal. There is no pericardial effusion visualized.
Aorta:	Aortic root is normal in size.
Pressures:	Pulmonary artery systolic pressure is normal.
Venous:	The inferior vena cava is not dilated and shows more than 50% respiratory variation.
Other:	There is no pleural effusion present.

Conclusions

- Normal echocardiogram.

Electronically Signed

Patient:

Patient ID #:

Exam Date:

M-Mode Dimensions	Adult Values	Normal Range
RVDd	cm	0.7 – 2.3 cm
IVSd	cm	0.6 – 1.1 cm
IVSs	cm	
LVIDd	cm	3.5 – 5.6 cm
LVIDs	cm	2.0 – 4.0 cm
LVPWd	cm	0.6 – 1.1 cm
LVPWs	cm	0.9 – 1.8 cm
A _o Root Diam	cm	2.0 – 4.0 cm
A _o Ascend Diam	cm	< 3.4 cm
A _o Cusp Sep	cm	1.5 – 2.6 cm
LA Diameter	cm	2.0 – 4.0 cm
% Fractional Short	%	30 – 45%
% EF M-Mode	%	
EPSS	cm	1.0 cm

2D Dimensions	Adult Values	Normal Range
RVDd	cm	0.7 – 2.3 cm
IVSd	cm	0.6 – 1.1 cm
IVSs	cm	
LVIDd	cm	3.5 – 5.6 cm
LVIDs	cm	2.0 – 4.0 cm
LVPWd	cm	0.6 – 1.1 cm
LVPWs	cm	0.9 – 1.8 cm
A _o Root Diam	cm	2.0 – 4.0 cm
A _o Ascend Diam	cm	< 3.4 cm
A _o Cusp Sep	cm	1.5 – 2.6 cm
LA Diameter	cm	2.0 – 4.0 cm
LA Area (ESV A4C)	cm ²	
LA Area (EDV A4C)	cm ²	
% FS	%	30 – 45%
% EF 2D	%	50 – 85%
EPSS	cm	1.0 cm

Simpson's Values	Adult Values	Normal Range
LVEDV-4ch	ml	56 – 155 ml
LVESV-4ch	ml	19 – 58 ml
%EF 4ch	%	55 – 85%
LVEDV-2ch	ml	56 – 155 ml
LVESV-2ch	ml	19 – 58 ml
%EF 2 ch	%	55 – 85%
% EF Simpson's	%	50 – 85%
Stroke Vol (BP)	ml	
Cardiac Output	ml/min	
Stroke Index (A4C)	ml/m ²	
Stroke Index (A2C)	ml/m ²	

Other Values	Adult Values	Normal Range
Heart Rate	bpm	
LVOT Diam	cm	
RVOT Diam	cm	
RVOT VTI	cm	
IVRT	msec	
LV Mass	g	
LV Mass Index	g/m ²	
LA Volume	ml	
LA Volume Index	ml/m ²	
Qp:Qs		

Doppler Measurements	Adult Values	Normal Range
Mitral Valve		
Peak Velocity	m/s	
Mean Velocity	m/s	
Peak PG	mmHg	
Mean PG	mmHg	
MV VTI	cm	
MVA	cm ²	4.0 – 6.0 cm ²
Press Half Time	msec	
Decel Slope	cm/s ²	
Decel Time	msec	160 – 240 msec
Peak E	m/s	0.60 – 1.30 m/s
Peak A	m/s	0.30 – 0.60 m/s
E to A Ratio		0.8 – 2.5
E' Medial	m/s	
E' Lateral	m/s	
E / E' Medial		
E / E' Lateral		
ERO	mm ²	
PISA Rad	cm	
MR VTI	cm	
Aliasing Vel	cm/s	
MR Vmax	m/s	
MR Flow	ml/s	
MR Vol	ml	
MR PISA	cm ²	
Tricuspid		
Peak Velocity	m/s	0.3 – 0.7 m/s
Mean Velocity	m/s	
Peak PG	mmHg	
Mean PG	mmHg	
RA Pressure	mmHg	
RVSP	mmHg	
Pulmonary		
Peak PG	mmHg	
Mean PG	mmHg	
Velocity	m/s	0.5 – 1.0 m/s
PAT	msec	
LVOT		
Peak Velocity	m/s	0.7 – 1.1 m/s
Mean Velocity	m/s	
LV Peak PG	mmHg	
LV Mean PG	mmHg	
LV VTI	cm	
Aortic Valve		
Peak Velocity	m/s	0.9 – 1.7 m/s
Mean Velocity	m/s	
Peak PG	mmHg	<10 mmHg
Mean PG	mmHg	<10 mmHg
AVA	cm ²	2.5 – 3.5 cm ²
Ao VTI	cm	
Press Half Time	msec	

Resting Wall Motion Rest Score: 1.0

 1 – Normal 2 – Hypokinetic	 3 – Akinetic 4 – Dyskinetic 5 – Dilated and Thinned	 X – Not Visualized	
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