Echo Dimensions

2D/M-mode

IVSd:	0.91 cm	**LVIDd:**	5.08 cm	**LVIDs:**	3.51 cm
LVPWd:	1.07 cm	**LVEF biplane:**	55 %	**LVEF(Teich):**	58.25 %
LVOT Diameter:	1.8 cm	**LVFS:**	30.9 %	**Ao Root Diameter:**	2.8 cm
Asc Ao Diameter:	2.4 cm	**LAVI:**	39.37 ml/m²	**RWT:**	0.42
Ao Arch Diam:	3 cm	**RAVI:**	18.9 ml/m²	**RV mid diameter:**	3.03 cm
RV Base:	3.79 cm				

DOPPLER

Aortic Valve

Peak vel:	1.89 m/s	**Peak gdt:**	14 mmHg	**Mn gdt:**	8.03 mmHg
AVA (VTI):	2.31 cm²	**DPI:**	0.91	**VTI:**	35.3 cm

LVOT

Peak vel:	1.8 m/s	**Mn gdt:**	6 mmHg	**LVOT (VTI):**	32.1 cm
LVOT SV:	81.6 ml	**Mean vel:**	114 cm/s		

Mitral Valve

E/A ratio:	1.09	**A vel:**	0.97 m/s	**E vel:**	1.06 m/s
Decel time:	0.15 s				

Pulmonary Valve

Peak vel:	1.25 m/s	**Mn vel:**	0.87 m/s	**Mn gdt:**	4 mmHg
VTI:	22.3 cm				

RVOT

Peak vel:	1.1 m/s	**Mn vel:**	83.3 cm/s	**RVOT (VTI):**	25.6 cm
Mn gdt:	3 mmHg				

Tricuspid Valve

Peak TR vel:	293 cm/s	**Peak TR gdt:**	34 mmHg		

TDI

Med E':	9.19 cm/s	**Lat E':**	12.7 cm/s	**E/Med E':**	11.53
E/Lat E':	8.35	**E/E'(avg):**	9.94	**RV S vel:**	11.4 cm/s

2D Measurement	Normal Range	2D Measurement	Normal Range
Aortic Root Diameter	3.0-4.0 cm	LVEDd	3.5-5.6 cm
Ascending Aorta	2.7-3.8 cm	LVESd	2.1-4.0 cm
LVOT diameter	1.8-2.2 cm	IVSd	0.6-1.1 cm
RV base diameter	2.5-4.1 cm	LVPWd	0.6-1.1 cm
RV mid diameter	1.9-3.5	LVEF (Teich)	≥55%
LA vol indexed	≤34 ml/m2	LVEF (BP)	≥55%
RA vol indexed	<30ml/m2	TAPSE (M-mode)	≥ 17 mm

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