

Patient Demographics

CVX 5.0 ADULT ECHO				Study Date: 12/05/2018	
Patient ID: 43310120181205		Accession #:		Alt ID:	
DOB:	Age:	Gender:	Ht: 6'0"	Wt: 200lb	BSA: 2.13 m²
Institution: Test Hospital					
Referring Physician:					
Physician of Record:			Performed By:		
Comments:					

Adult Echo: Study Info

Sys / Dias BP: 120 / 80		MAP: 93	
<input checked="" type="checkbox"/> Smoker	<input type="checkbox"/> Hypertension	<input type="checkbox"/> Pacemaker	
<input type="checkbox"/> Hx of Rheumatic Fever	<input type="checkbox"/> Congestive Heart Failure		
Surgeries:			
Indications		Valve Replacement	
<div><input type="checkbox"/> Murmur Type: S Grade: Arrhythmia: <input type="checkbox"/> Chest Pain <input type="checkbox"/> Jugular Venous Distension <input type="checkbox"/> Dyspnea <input checked="" type="checkbox"/> Peripheral Edema <input type="checkbox"/> Fatigue <input type="checkbox"/> Ascites <input type="checkbox"/> Syncope <input type="checkbox"/> Infection <input type="checkbox"/> Dizziness <input type="checkbox"/> Fever of Unknown Origin <input type="checkbox"/> Hemoptysis <input checked="" type="checkbox"/> TIA/Stroke</div>		<div>Bioprosthetic Type: Date: Mechanical Type: Date:</div>	

Adult Echo: Measurements and Calculations

2D

A4Cd		LVLd (A2C)	6.3 cm	SI (BP)	37.9 ml/m²
LV Vol	118 ml				
LV Length	6.81 cm				
LV Area	31.2 cm²				
A4Cs		LVLs (A2C)	4.2 cm	LV EDA	15.7 cm²
LV Vol	13.0 ml				
LV Length	4.70 cm				
LV Area	8.52 cm²				

A2Cd		LVAd (A2C)	22.50 cm ²	LV ESA	4.22 cm ²
LV Vol	67.1 ml				
LV Length	6.33 cm				
LV Area	22.5 cm ²				
A2Cs		LVAs (A2C)	6.33 cm ²	LV FAC	73.1 %
LV Vol	8.52 ml				
LV Length	4.15 cm				
LV Area	6.33 cm ²				
EDV (BP)	91.8 ml	EDV (A2C)	67.1 ml	RVOT Diam	2.5 cm
ESV (BP)	11.1 ml	ESV (A2C)	8.52 ml	RVOT Area	4.91 cm ²
SV (BP)	80.7 ml	LV Mass (Cubed)	101 g	RA ESV-A/L	6.02 ml
EF (BP)	87.9 %	LV Mass Index(Cubed)	47.4 g/m ²	RA A4C-A/L Length	4.34 cm
				Area	7.57 cm ²
LVLd (A4C)	6.8 cm	SV (A4C)	104 ml	RA A2C-A/L Length	4.39 cm
				Area	4.06 cm ²
LVLs (A4C)	4.7 cm	EF (A4C)	89.0 %	RA Pressure	3 mmHg
LVAd (A4C)	31.20 cm ²	SI (A4C)	48.8 ml/m ²	IVC Diam Exp	0.741 cm
LVAs (A4C)	8.52 cm ²	SV (A2C)	58.6 ml	IVC Diam Ins	1.48 cm
EDV (A4C)	117 ml	EF (A2C)	87.3 %	MV Diam	5.6 cm
ESV (A4C)	12.9 ml	SI (A2C)	27.5 ml/m ²	MV Area	24.6 cm ²

MMode

IVSd (MM)	0.999 cm	EF (MM-Teich)	50.6 %	LA Dimen (MM)	2.4 cm
LVIDd (MM)	3.65 cm	SI (MM-Teich)	13.4 ml/m ²	IVC Diam Exp(MM)	1.31 cm
LVPWd (MM)	0.883 cm	EDV (MM-Cubed)	48.6 ml	AoR Diam (MM)	2.0 cm
LVIDs (MM)	2.73 cm	ESV (MM-Cubed)	20.3 ml	AV Cusp Sep	1.6 cm
IVS/LVPW (MM)	1.13	SV (MM-Cubed)	28.3 ml	LA/Ao (MM)	1.20
EDV (MM-Teich)	56.3 ml	EF (MM-Cubed)	58.2 %	MAPSE	1.69 cm
ESV (MM-Teich)	27.8 ml	FS (MM-Cubed)	25.2 %	TAPSE	1.69 cm
SV (MM-Teich)	28.5 ml	SI (MM-Cubed)	13.3 ml/m ²		
FS (MM-Teich)	25.2 %	LV ET	147 ms		

Doppler

RVOT Vmax		MV Decel	275 ms	PVA (Vmax)	4.53 cm²
Max PG	1 mmHg	Time			
Vmax	45.0 cm/s				
RVOT VTI		MVA (P ¹ / ₂ t)	1.29 cm²	RPA Vmax	
Mean PG	1 mmHg			Max PG	1 mmHg
VTI	7.28 cm			Vmax	51.8 cm/s
Vmean	38.9 cm/s				
SV (RVOT)	36 ml	MV Peak E Vel		LPA Vmax	
		Vel	48.8 cm/s	Max PG	1 mmHg
		PG	1 mmHg	Vmax	45.8 cm/s
CO (RVOT)	2.2 l/min	MV Peak A Vel		PV Vmax	
		Vel	25.3 cm/s	Max PG	1 mmHg
		PG	0 mmHg	Vmax	48.8 cm/s
MV Vmax		MV E/A	1.9	PV Accel Time	
Max PG	2 mmHg			Slope	92.2 cm/s²
Vmax	71.8 cm/s			Time	232 ms
MV P ¹ / ₂ t		SV (MV)	431 ml	HR - PV	60 bpm
Vmax	50.6 cm/s				
P ¹ / ₂ t	170 ms				
MV VTI		TR Vmax			
Mean PG	1 mmHg	Max PG	1 mmHg		
VTI	17.5 cm	Vmax	49.7 cm/s		
Vmean	43.4 cm/s				
MV Dec Slope	91.2 cm/s²	RVSP	4 mmHg		

Signature

Signature:

Name(Print):

Date: