



Grand Central Medical Center, PC

Cardiovascular Laboratory

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Medical Director
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Technical Director
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Patient Name: **Sample Mr** Date: **04/18/01**
Patient ID: **161731** Case: **A-82**
D.O.B: **01/25/23** Age: **78 Male** Site: **ICU**

Adult TT Echo

Prior Exam: **N/A**

Referring Dr: **Dr Boyd**

Media ID: **C 01-45**

Technologist: **DE** Image Qual: **Excellent**

Clinical Data

Physiological: Height: 6'1" Weight: 250 BMI: 33.1 BSA: 2.37 m2 Heart Rate: 61 Blood Pressure: 180/78

Primary Indication: Valvular Heart Disease ICD Code: 5678

Risk Factors: Chest pain: Yes, Tobacco: 1 p/d, Valvular Disease: Yes

Observations: Valvular Heart Disease: Yes

History Notes: History notes may be typed here and the space will expand to allow for additional lines of text.

Impressions

IMPRESSIONS:

- Aortic Valve: Evidence of stenosis, ava 1.1
- Mitral Valve: Evidence of regurgitation +1
- Left Ventricle: Evidence of hypertrophy. EF= 70%
- Right Ventricle: Within normal limits.
- Tricuspid Valve: Evidence of regurgitation 2+
- TR jet 2.9 m/sec, PA sys. 43 mmHg

Measurements

Best Dr

Date

2-D/M MODE

AORTA	-	* Ao Root D = 2.1 cm	(Normal Range = 2.4 to 4. cm)
RVOT	-	RVOT D = 1.9 cm	(Normal Range = 1.5 to 3.5 cm)
IVS	-	IVS dia = 1.0 cm	(Normal Range = .6 to 1.2 cm)
		IVS sys = 1.5 cm	
LEFT VENTRICLE	-	* LVID dia = 6.0 cm	(Normal Range = 4.0 to 5.6 cm)
		* LVID sys = 5.1 cm	(Normal Range = 2.0 to 3.8 cm)
RIGHT VENTRICLE	-	RV AW = 0.6 cm	(Normal Range = 0.5 to 0.8 cm)
		* RVID dia = 2.0 cm	(Normal Range = 3.2 to 3.0 cm)
		* RVID sys = 1.6 cm	(Normal Range = 2.5 to 3.3 cm)

2-D/M MODE CALCULATIONS

* FS = 15 %	(Normal Range = 28 to 41 %)
EF (2D) = 55 %	(Normal Range = 50 to 75 %)

2-D/DOPPLER

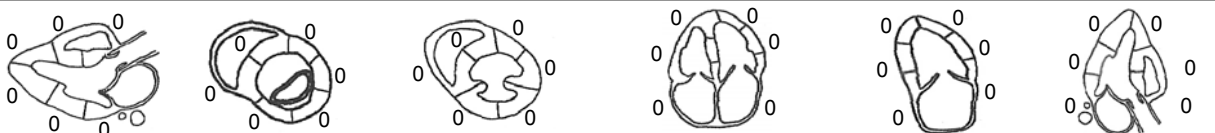
AORTIC VALVE	-	Max. Vel. = 1.00 m/sec	(Normal Range = 1.0 to 1.7 m/sec)
		VTI = 20.0 cm	(Normal Range = 18 to 22 cm)
		P Max = 4 mmHg	
		P Mean = 2 mmHg	
		AVA (V,D) = 4.0 cm2	(Normal Range = 3.0 to 5.0 cm2)
		AVA (I,D) = 4.0 cm2	(Normal Range = 3.0 to 5.0 cm2)
		= 6.0 l/m	(Normal Range = 4.0 to 8.0 l/m)
MITRAL VALVE	-	* P1/2 Time = 84 msec	(Normal Range = 30 to 60 msec)
		* MVA (P1/2T) = 2.6 cm2	(Normal Range = 4.0 to 6.0 cm2)
		E Velocity = 1.0 m/sec	(Normal Range = 0.6 to 1.3 m/sec)
		* A Velocity = 1.6 m/sec	(Normal Range = 0.4 to 1.3 m/sec)
PULMONIC VALVE	-	Max Vel = 0.5 cm	(Normal Range = 0.4 to 0.6 cm)
RVOT	-	= 0.8 m/sec	(Normal Range = 0.6 to 0.9 m/sec)
		= 0.5 m/sec	(Normal Range = 0.4 to 0.6 m/sec)
PULMONARY ARTERY	-	Max. Vel. = 0.8 m/sec	(Normal Range = 0.6 to 0.9 m/sec)
		Mean Vel. = 0.5 m/sec	(Normal Range = 0.4 to 0.6 m/sec)

Wall Motion

Baseline

W.M.S.I. *****

Normal Muscle *****%



1 Normal 2 Hypokinetic 3 Akinetic 4 Dyskinetic 5 Aneurysmal 6 Akinetic w/Scar 7 Dyskinetic w/Scar 8 Undiagnostic