H.A.R.T.scan® Report

Patient Details

UR | D.O.B dd/mm/yyyy | Age | Sex

Surname | First Name

Address

Suburb | State | Post Code

H | M

Email

Study Details

Exam ID: 22 | Date dd/mm/yyyy: 24/07/2012

Institution: Melbourne | Operator: Richard test

○ TTE ◉ TOE Quality: ○ Good ◉ Technically Difficult

Indication: Appro

Height: 180.00 | Weight: 125 | BSA: 2.4 | BMI: 38.6

BP: 120/40 | HR: 140 | Rhythm: AF

Ventricular Volume (M-mode / 2D)

○ Hypovolaemia ○ Normal ◉ Dilated

< 3	3 - 5.6	>5.6
< 8	8 - 14	>14

RV ◉ Normal ○ Increased

Systolic Function

◉ Increased ○ Normal ○ Decreased

> 44	28-44	<28
> 65	50-65	<50

RV ○ Normal ◉ Decreased

Ejection Fraction

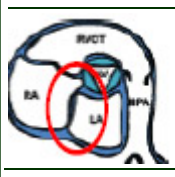
LVEDD	6	LVEDA	14
LVESD	6	LVESA	5
FS	15	EF/FAC	64

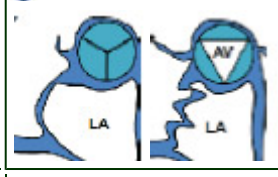
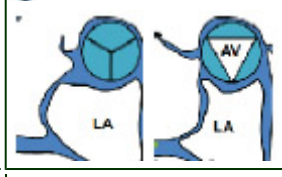
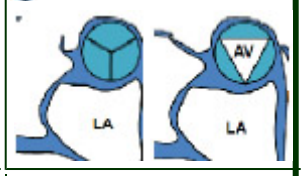
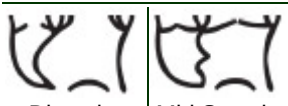
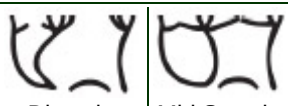
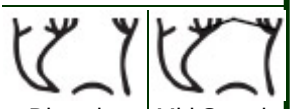
CO

LVOTd	16		
LVOT VTI	35		
HR	140		
CO	16	CI	6

Left Atrial Filling Pressure (Interatrial Septum Motion)

PSAX / A4Ch



◉ Low LA Pressure	○ Normal LA Pressure	○ High LA Pressure
		
Systolic buckling	**Systolic reversal**	**Fixed curvature**
		
Diastole / Mid Systole	Diastole / Mid Systole	Diastole / Mid Systole

Valve Assessment

Examined	AV	MV	TV	PV
Not Significant	☑	☐	☐	☐
Haemodynamically Significant				
Stenosis	☐	☐	☑	☐
Regurgitation	☐	☐	☐	☐

☐ Pericardial Effusion

Haemodynamic State

	○ Normal	○ Empty	○ Vaso dilated	○ Primary Systolic Failure	○ Primary Diastolic Failure	◉ Systolic & Diastolic Failure	○ RV Failure
Volume	-	Decr	-	Incr	- / Decr	Incr	RV Incr
Systolic Function	-	- / Incr	Incr	Decr	-	Decr	RV Decr
Filling Pressure	-	Decr	-	-	Incr	Incr	Incr

Atria / PA pressure

LA diam	2.5	RA diam	6
LA area	34	RA area	45
TR Vmax	3	TVGr	36.0
RAP	32	RVSP	68

Comments

☐ Refer for full echocardiography study

Signature

HARTscan - Extended

AV

LVOTd	LVOT VTI	AV VTI
16	35	65
AVA	**AVGp**	**AVGm**
108.3	36	32
Dim Index	**AI jet %**	**AI P1/2t**
0.5	36	56

Ao/PA

Ao Root
6.5
Asc Ao
5
PA
5

MV

Radius	Scale	CW-MR	ERO
1	63	588	0.4
MV P1/2t	**MVA**	**MVGp**	**MVGm**
16	4	46	1

Diastolic Function

E	A	A dur	DT
56	54	300	63
S	**D**	**S/D**	**pA dur**
150		4	200
E'	**E/A**	**E/E'**	**IVRT**
36	1.04	1.56	100

LV

LVH	Severe
IVSWT	PWT
0.6	3
LV mass	LVi mass
26	230.79