

ROBERTSON, LUCINDA
115/35 HAMILTON ROAD, MOOROOKA MOOROOKA 4105

Phone:

Birthdate:	09/02/1992	Sex:	F	Medicare Number:	
Your Reference:		Lab Reference:	QEH20326799-Echo Non		
Laboratory:	qxr				
Addressee:	ZAHRA MOHAMMADPOURMOKHAYER	Referred by:	ZAHRA MOHAMMADPOURMOKHAYER		
Name of test:	Echo Non Rebateable				
Requested	01/07/2023	Collected:	03/07/2023	Reported:	03/07/2023 14:16:00

Apollo RIS Patient Id : QXR3127973

Patient Name : ROBERTSON LUCINDA DOB : 09/02/1992 Service Date : 03/07/2023

A .PDF version of this report is available until 06-07-2024. PIN: 2022

sgm/cjm1/skc1

ECHOCARDIOGRAPHY

History: Right ventricular hypertrophy. Chest pain. (From patient, grade 4 PFO shown on bubble study with cardiologist. Previous pericarditis. POTS)

Findings: Rhythm sinus with ventricular rate around 70bpm. Image quality satisfactory.

Left Ventricle: Upper normal dimension. End diastolic diameter 5.15cm. End diastolic volume index 65ml/m2. Normal global systolic function, ejection fraction 56% (Simpson's). Global longitudinal strain normal -20.6%. Normal wall thickness IV septum 0.5cm, LV posterior wall 0.6cm. Normal wall motion all segments. Normal diastolic function.

Left Atrium: Normal dimension. Left atrial area 16cm2. LA reservoir strain normal 30%.

Right Ventricle: Normal dimension. Normal systolic function. RV free wall strain normal -26.4%.

Right Atrium: Normal dimension.

Mitral Valve: Leaflets thin and mobile. Mild bowing anterior leaflet tip without prolapse. Normal opening. Trivial regurgitation.

Aortic Valve: Trileaflet. Normal appearance. Normal opening. No regurgitation.

Tricuspid Valve: Normal appearance. Mild regurgitation. Normal estimated RVSP 18mmHg. Assumed RAP 3mmHg.

Assessment of right heart indicates low probability pulmonary hypertension.

Pulmonary Valve: Normal appearance. Physiologic regurgitation.

Atrial Septum/Ventricular Septum: Intact.

IVC: Normal dimension.

Aortic Root: Normal dimension.

Ascending Aorta: Normal dimension.

Aortic Arch: Normal dimension.

Pericardium: Normal.

Conclusion: Borderline dilatation left ventricle. Other cardiac chambers are not dilated.

Mild bowing slightly elongated anterior leaflet mitral valve but with no significant valvular pathology.

Normal global left ventricular systolic function with normal ejection fraction and normal global longitudinal strain. Normal wall motion all segments. Normal wall thickness. No diastolic function.

Normal right ventricular systolic function and pressure.

No septal defect. No evidence of aneurysmal atrial septum. PFO shown on bubble study has not been demonstrated on standard echocardiography.

Normal aortic root.

Normal pericardium.

Dr Sutherland MacKechnie
Queensland X-Ray

Parameters:

Height: 1.66m Weight: 56.0kg BSA: 1.61 m2

LV Function 2D Mode:

LVIDd

5.15cm

(4.20-5.80)

LVIDd I

3.20cm/m2

(2.20-3.00)

IVSd

0.54cm

(0.60-1.00)
LVIDs
3.83cm
(2.50-4.00)
Ao diam diastole
cm

LVPWd
0.59cm
(0.60-1.00)
FS
25.6%

LA diam systole
cm

EDV
104.8ml
(62.0-150.0)
LV Mass-c
g
(88-224)
EDVI
65.24ml/m2
(34.00-74.00)
LV Massl
g/m2
(49.0-115.0)
EF (Simpson BP)
56.1%
(52.0-72.0)

LVOT diam
2.06cm

LAAAs (A4C)
15.61cm2

Ao SV diam
2.47cm
(2.80-4.00)
RA Area ES
13.52cm2

Ao STJ diam
cm
(2.30-3.50)
LA Vol I (BP)
ml/m2
(16.00-34.00)
Ao Asc diam
2.27cm
(2.20-3.80)
LASr ED
30.0%

Ao Arch diam

1.99cm

Ao Desc diam
1.49cm

GLS Endo Peak Avg
-20.6%

Mitral Valve:
MV E Vel
0.62m/s

E'(s)
10.94cm/s
(± 7.00)
MV A Vel
0.44m/s

E/E'(s)
5.71
(± 15.00)
MV Dec. Time
150ms

E'(l)
14.94cm/s
(± 10.00)
MV E/A
1.43

E/E'(l)
4.18
(± 13.00)

E/E' mean
4.83
(± 14.00)

MV PGmean
mmHg

MVA (VTI)
cm²

MVAI (VTI)
cm²/m²

Aortic Valve:
AV Vmax
0.96m/s

AV PGmax
3.70mmHg

AV VTI
19.4cm

AV PGmean
1.93mmHg

LVOT Vmax
0.84m/s

AVA (VTI)
2.99cm²

LVOT VTI
17.4cm

AVAI (VTI)
1.86cm²/m²

AR PHT
ms

LVOT VTI/AV VTI
0.90

LVOT CO
3.73l/min

Tricuspid valve:
TR Vmax
1.95m/s
(± 2.80)
VC Inf diam
2.05cm

RAP
3.00mmHg

RVSP
18.13mmHg

Pulmonary valve:

PV Vmax

0.84m/s

RVOT VTI

cm

PV PGmean

mmHg

PV Acc Time

160ms

PV PGmax

2.79mmHg

â€€

Right Heart function and 2D measurements:

RV S'(l)

12.57cm/s

RVDd base (RVD1)

3.75cm

(2.50-4.10)

TAPSE

2.10cm

(â‰ƒ1.70)

RVDd mid (RVD2)

2.51cm

(1.90-3.50)

RVLS (Free wall)

-26.4%

CC : Dr Exelby Graham Carl , 2431 Gold Coast Highway , Mermaid Beach QLD 4218 / Dr Hilling-Smith Roland , Level 8,
Spring Hill QLD 4000 /

Patient images can be accessed using the following link:

Click [here](#)

To leave feedback on this report: <https://research.net/r/qldxray>



Patient name: **Robertson, Lucinda**
Date of Birth: **9/02/1992 (31 Y)**
Sex: **Female**

Recording Date: **11/07/2023 1:40:23 PM**
Weight: **55kg**
Height: **166cm**

25114mrbp

Our Medical Home Annerley
364 Ipswich Road, Annerley QLD 4103
Phone: 07 3155 6000 Fax:

Measurements

HR 73bpm
P 110ms PR 152ms QRS 90ms
QT 372ms QTc 410ms QTrel 105%
P 1.0mm T 76°
QRS 7.0mm 57°
T 1.2mm 12°
Indifferent axis

Sokolow index: 14.4mm
Lewis index: -1.4mm
Cornell index: 8.8mm

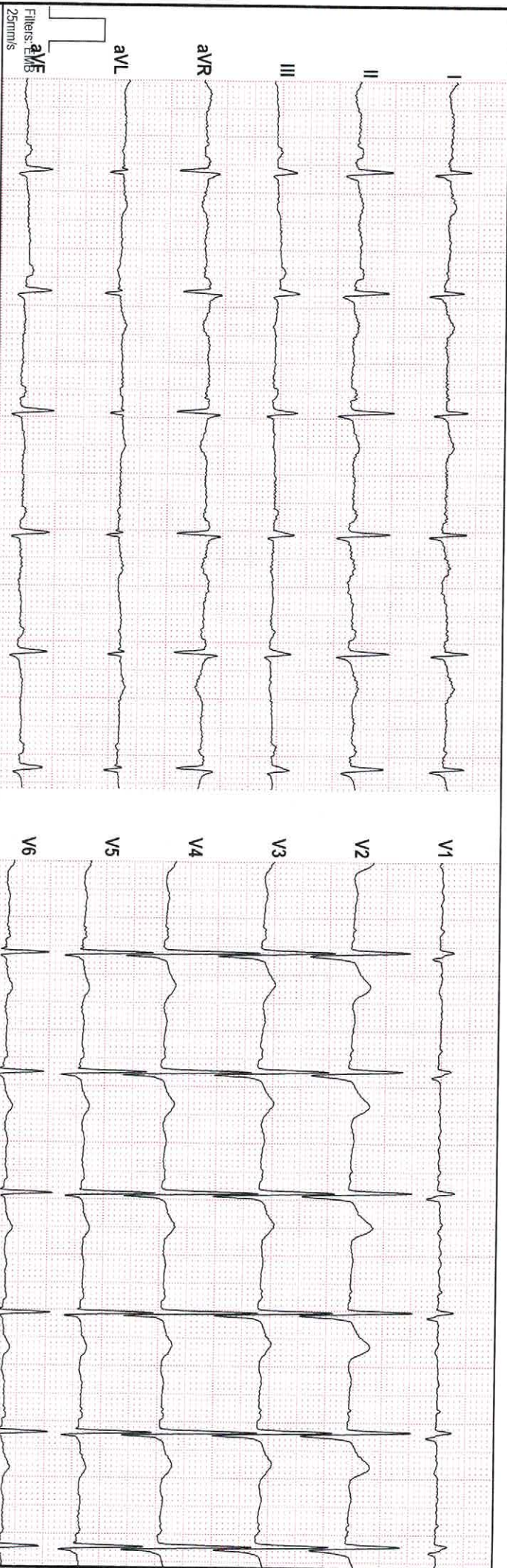
Diagnosis (machine-generated)

R loss or reduction in: aVL
small S in : V1
flat T waves in V5
sinus-rhythm
right ventricular hypertrophy

Conclusion

abnormal ECG

Stardling



Filters: EMB
25mm/s

N1

N1

N1

N1

N1

N1

N1

N1

N1

N1

N1

N1

Printed on 11/07/2023 1:40:40 PM by An Treatment

12 lead (6x2) - 1 page, landscape, findings above

AMEDTEC ECGpro V. 5.10.006 (AMEDTEC-HES-ENG V.16.24.03F)

Patient name: **Robertson, Lucinda**
Date of Birth: **9/02/1992 (31 Y)**
Sex: **Female**

Recording Date: **1/07/2023 1:35:26 PM**
Weight: **55kg**
Height: **166cm**

251141mbp

Our Medical Home Annerley
364 Ipswich Road, Annerley QLD 4103
Phone: 07 3155 6000 Fax:

Measurements

HR 59bpm bradycardia
P 92ms PR 138ms QRS 96ms
QT 398ms QTc 395ms QTrel 101%
P 0.8mm
QRS 7.3mm 63°
T 1.4mm 24°
Vertical axis

Sokolow index: 12.6mm
Lewis index: -1.0mm
Cornell index: 7.4mm

QT-Dispersion: Std 7ms Max 22ms from 7/8 leads

Diagnosis (machine-generated)

Q in : aVL
R loss or reduction in: aVL
small S in : V1
sinus-rhythm
+-----+-----+-----+-----+
right ventricular hypertrophy

Conclusion

abnormal ECG

First

