



SLIPPER STAND

സ്ലിപ്പർ സ്റ്റാൻഡ്  
ഇവിടെ സ്ലിപ്പർ  
വെച്ചു വെക്കുക

**DEPARTMENT OF CARDIOLOGY**  
**ECHO CARDIOGRAPHIC REPORT**

NAME : MRS. JEYALAKSHMI UHID : 902407090074  
AGE/SEX : 42/F DATE : 09-07-2024

**2D ECHO WITH COLOUR DOPPLER**  
**DIMENSIONS**

AO (ed)	3.2 CM	NORMAL ( 2.2 - 4.0 cm)
LA (es)	4 CM	NORMAL ( 2.7 - 4.0 cm)
LVEDV	108 ML	
LVESV	38 ML	NORMAL (3.9 - 5.7 cm)
LVID(ed)	4.8 CM	NORMAL (2.1 - 4.0 cm)
LVID (es)	3.1 CM	NORMAL (0.6 - 1.2 cm)
IVS (ed/es)	1.2 / 1.3 CM	NORMAL (0.6 - 1.1 cm)
LVPW (ed/es)	0.9 / 1.2 CM	NORMAL (>=60%)
EF	64 %	NORMAL (>=28%)
%FS	34 %	

**MORPHOLOGICAL DATA**

**MITRAL VALVE**

AML	- Thickened AND DOMI
PML	- RESTRICTED
Aortic Valve	- Calcific
Tricuspid Valve	- Normal
Pulmonary Valve	- Normal
Right Ventricle	- Normal
Interatrial Septum	- Intact
Interventricular Septum	- Intact
Pulmonary Artery	- Normal
Aorta	- Normal
Right Atrium	- Normal
Left Atrium	- Dilated
Pericardium	- Normal

**COLOUR AND DOPPLER STUDIES**

**MITRAL INFLOW STUDY AND A WAVE**

E	-	0.00	M/Sec
A	-	0.00	M/Sec
EA	-	0.0	M/Sec
VELOCITY ACROSS THE AV	-	4.1	M/Sec
VELOCITY ACROSS THE PV	-	0.9	M/Sec

**IMPRESSION**  
**RHD+CMC**

SEVERE MITRAL RESTENOSIS/MVA: 1.01CM<sup>2</sup>BY 2D  
MS GRADIENT 15/6 MMHG  
MODERATE MR  
MITRAL ANNULUS SIZE 31 MM  
CALCIFIC AV/ SEVERE AS/ AS GRADIENT 70/40MMHG  
SEVERE AR  
AORTIC ANNULUS 19 MM  
GRADE II TR/ MILD PAH/ PAP: 42MMHG  
LVH/ NO RWMA  
NORMAL LV SYSTOLIC FUNCTION  
NO PE / CLOT

**LEFT VENTRICLE**

LVH  
NO RWMA  
NORMAL SYSTOLIC FUNCTION

Done By: Sasikala

Prepared By: Saravanan

Dr. S. Mahesh kumar

MD (Paed.), DM (Cardio), PDF.,  
Interventional & Pediatric Cardiologist

This modality has its limitations and the report should be correlated with clinical parameters. This report is not valid for legal purposes.

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**DOPPLER MEASUREMENT:**

**MITRAL VALVE**

E Velocity : 2.5 m/s  
A Velocity : 2.2 m/s

**AORTIC VALVE :**

Velocity : 4.0 m/s


**PULMONARY VALVE:**

Velocity : 1.0 m/s  
PERICARDIUM : Normal

Both AML and PML thickened .  
Mitral valve area 0.9 sqcms .  
MildMR . SevereTR  
TR PG 64 mm Hg . Aortic forwardflow PG: 65mmHg, MG: 39 mmHg  
Mild AR  
No regional wall motion abnormality at rest.  
Normal LV systolic function.

**FINAL IMPRESSION:**

- ‡ RHEUMATIC HEART DISEASE
- ‡ SEVERE MS
- ‡ MITRAL VALVE AREA 0.9 SQCMS
- ‡ SEVERE AS
- ‡ SEVERE PULMONARY HYPERTENSION
- ‡ MILD MR, SEVERE TR
- ‡ NO REGIONAL WALL MOTION ABNORMALITY AT REST.
- ‡ NORMAL LV FUNCTION AND CONTRACTION
- ‡ EJECTION FRACTION – 59%
- ‡ NO PERICARDIAL EFFUSION.

  
DR.G.S.SIVAKUMAR, MD, DM,  
(Consultant Cardiologist)

The report expressed is subject to the inherent limitations of the modality. Always correlate clinically and with other investigations to arrive at the final diagnosis. The report and films are not valid for medicolegal purpose.



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02.12.2024

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mrs.Jeyalakshmi** 42/F is a case of Mitral and Aortic Valve stenosis and we have recommended the patient for Double Valve Replacement at the earliest. Total cost of the surgery would be **Rs 4,00,000 ( Rupees Four Lakhs )** approximately.

With Regards

  
*Project Coordinator*



**Saravana Multispeciality Hospital Pvt.Ltd.**



MANAGING DIRECTOR : **Dr. P. SARAVANAN MD.,**

Date :

**02.12.2024**

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**With Regards**

  
**Project Coordinator**



செயல்பாடுகள்

Government of India



ஆதார்



ஜெயலட்சுமி

JEYALAKSHMI

பிறந்த நாள்/DOB: 06/05/1979

பெண்/ FEMALE

Issue Date: 02/03/2021

Download Date: 15/03/2021

2521 7231 0439

VID : 9108 6383 2593 4580

எனது ஆதார், எனது அடையாளம்



தேசிய தனிப்பட்ட அடையாள அமைப்பு

Unique Identification Authority of India

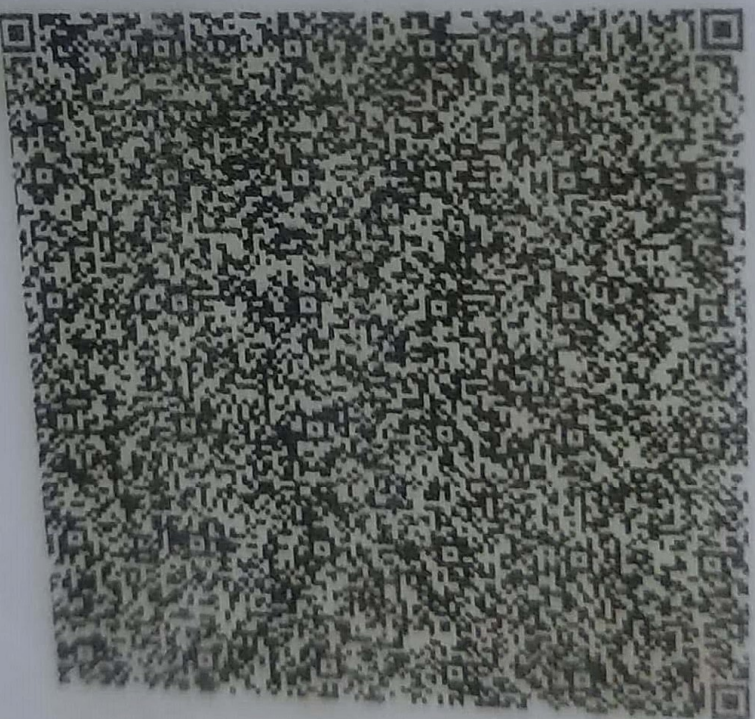


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