

**DR. PRIYANK JAIN**

*M.D.,D.M.*

**CONSULTANT CARDIOLOGIST**

**UNIQUE DIAGNOSTIC CENTRE**

45-B, Jaora Compound,  
Opp. M.Y.Hospital, M.Y.H. Road,  
INDORE - 452 001. ( M. P. ).  
Phone : 2704118. 4082228

## **ECHOCARDIOGRAPHY REPORT**

**NAME** : **MRS. JAYARAJPUT** **Age** : **39 Yrs./ F**  
**REFERRED BY** : **MEDIWHEEL** **Date** : **25th Mar, 2023**

### **ECHOCARDIOGRAPHIC OPINION**

**INTERPRETATION :-**

- \*\* Normal sized cardiac chambers.
- \*\* Normal biventricular functions. LVEF : 62 %.
- \*\* Normal cardiac valves.



**DR. PRIYANK JAIN. M.D.,D.M.**

**Dr. PRIYANK JAIN**  
**MBBS, MD, DM.**  
**No. 19547**

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## TWO DIMENSIONAL ECHOCARDIOGRAPHY

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M Mode examination revealed normal movement of both mitral leaflets during diastole.

No SAM or mitral valve prolapse is seen.

Aortic cusps are not thickened and enclosure line is central.

Tricuspid valve is normal, pulmonary valve is normal, aortic root is normal in size, dimensions of left atrium and left ventricle are normal.

2 - D imaging in PLAX, SAX and apical views revealed a normal sized left ventricle.

Movement of septum, anterior, posterior, inferior and lateral walls is normal. Global LVEF is 62 %.

Mitral valve opening is normal. No evidence of mitral valve prolapse is seen.

Aortic valve has three cusps and its opening is not restricted.

Right atrium and right ventricle are normal in size.

Tricuspid valve leaflets move normally.

Pulmonary valve is normal.

Interatrial and interventricular septa are intact.

No intracardiac mass or thrombus is seen.

No pericardial pathology is observed.

## MEASUREMENTS :

[C] DIMENSIONS	OBSERVED VALUES	Normal Values (For Adults)
1. Aortic Root diameter	: 2.9 cms.	2.0-3.7 cm < 2.2 cm / M <sup>2</sup>
2. Aortic Valve Opening	: 3.0 cms.	1.5-2.6 cm
3. Right Ventricular Dimension	: --	
4. Left Atrial Dimension	: 2.4 cms.	1.9-4.0 cm < 2.2 cm / M <sup>2</sup>
5. Left Ventricular ED Dimension	: 3.7 cms.	3.7-5.6 cm < 3.2 cm / M <sup>2</sup>
6. Left Ventricular ES Dimension	: 2.5 cms.	2.2-4.0 cm
7. Inter Ventricular ED Septal thickness	: 1.0 cms.	0.6-1.2 cm
8. Left Ventricular ED PW thickness	: 0.7 cms.	0.5-1.0 cm
9. IVS / LVPW	: 01	< 1.3

[E] INDICES OF LEFT VENTRICULAR FUNCTION		
1. Mitral E - Septal Separation	: 0.5	< 0.9- cm
2. Left Ventricular Ejection Fraction	: 62 %	60 - 80 %



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## DOPPLER

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Peak Flow Velocity ( M/Sec.)		Peak Gradient ( mmHg.)	Regurgitation
MV	Normal	--	Normal
TV	Normal	--	Normal
AV	Normal	--	Normal
PV	Normal	--	Normal

PASP : Normal

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MRS. JAYA RAJPUT

MEDIWHEEL

39 YEARS/FAMALE

25-03-2023

Height ;157

Weight ; 75

BP;118/82

Pulse;80/-regular

BMI;30.4

EYE; NORMAL

The Medical Examiner should record the findings under one of the following categories-

1.FIT

2.UNFIT

**Dr. D. S. Chhabra**  
M.B.B.S.  
Reg. No. - 500



MR. JAYA RAJPUT

39 Years /M

MEDIWHEEL

25-03-2023

**HEAMOGRAM**

Test Name	Results	Normal Range
Haemoglobin (HB)	11.3	13 - 18 gm %
R.B.C. Count	4.12	4.5 - 5.5 milli./cu.mm
PCV	35.8	40 - 50 %
MCV	86.89	80 - 95 fl
MCH	27.43	27 - 32 pg
MCHC	31.56	31.5 - 34.5 %
TOTAL WBC COUNT	7,500	4,000 to 11,000 /cu.mm
DIFFERENTIAL WBC COUNT	.	
Neutrophils	68	40 - 75 %
Lymphocytes	26	20 - 40 %
Monocytes	04	02 - 08 %
Eosinophils	02	01 - 05 %
Basophils	00	00 - 01 %
PLATELET COUNT	3.92	1.5 - 4 Lacs/cu.mm.
E.S.R	15	M- 0-10 at the end of 1 hr. F- 0-20 at the end of 1 hr

**Dr. POOJA PRAPANNA**  
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M.D.

MR. JAYA RAJPUT

39 Years /M

MEDIWHEEL

25-03-2023

**BIOCHEMISTRY**

Test Name	Results	Normal Range
SERUM BILIRUBIN	:-	
TOTAL BILIRUBIN	0.68	0 - 1 mg/dl
DIRECT BILIRUBIN	0.13	<0.25 mg/dl
INDIRECT BILIRUBIN	0.55	< 1.0 mg/dl
S.G.O.T	23.0	0 - 45 IU/L
S.G.P.T	19.0	0 - 45 IU/L
ALKALINE PHOSPHATE	95.0	Adult - 42 - 128 IU/L Child - 150 - 630 IU/L
TOTAL PROTEIN	6.90	6.0 to 8.0 g/dl
ALBUMIN	4.13	3.2 to 5.0 g/dl
GLOBULIN	2.77	1.9 to 3.5
A:G RATIO	1.49	1.2 TO 2.3
GAMA GT	30.0	5 - 43 Iu/l

Note :- All pathological tests have technical and biological limitations. Please correlate clinically as well as with other investigative findings.  
A review should be requested in case of any disparity. This report is not valid for medicolegal purpose.

**Dr. POOJA PRAPANNA**  
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M.D.

**MR. JAYA RAJPUT****39 Years /M****MEDIWHEEL****25-03-2023****LIPID PROFILE**

<b>Test Name</b>	<b>Results</b>	<b>Normal Range</b>
<b>TOTAL LIPIDS</b>	<b>483</b>	<b>400 - 700 mg/dl</b>
<b>CHOLESTROL</b>	<b>158.0</b>	<b>&lt;200 mg/dl- Desirable 200 - 239 mg/dl - Borderline High &gt;240 Mg/dl High</b>
<b>HDL CHOLESTROL</b>	<b>45.0</b>	<b>35- 60 mg/dl</b>
<b>TRIGLYCERIDE</b>	<b>117.0</b>	<b>&lt;150 mg/dl Normal 150 - 199 mg/dl Borderline High 200 - 499 mg/dl High</b>
<b>LDL CHOLESTROL</b>	<b>89.6</b>	<b>&lt;100 mg/dl Optimal 100- 129 mg/dl Borderline high 160 - 189 mg/dl High</b>
<b>VLDL CHOLESTROL</b>	<b>23.4</b>	<b>&lt;40 mg/dl</b>
<b>RISK RATIO</b>	<b>3.51</b>	<b>3 - 6</b>

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DR. POOJA PRAPANNA **MD**

M.D.

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MR. JAYA RAJPUT  
MEDIWHEEL39 Years /M  
25-03-2023

Test Name	Results	Normal Range
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**HAEMATOLOGY PROFILE**

BLOOD GROUP	: -
"ABO " GROUP	"O"
Rh (D) Factor	Positive

(Cross matching & recheck of Blood Group is mandatory before any transfusion)

**SEROLOGY PROFILE**

HBsAg	Non Reactive
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\* Test done by screening methods.  
Requires confirmation at referral centre.

**BIOCHEMISTRY**

FASTING BLOOD SUGAR	78.0	70 - 110 mg/dl
P.P. BLOOD SUGAR	91.0	upto 140 mg/dl
CREATININE	0.65	0.6 - 1.4 mg\dl
BUN	12.0	5 - 21 Mg/dl

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DR. POOJA PRAPANNA M.D.

M.D.

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**MR. JAYA RAJPUT****39 Years /M****MEDIWHEEL****25-03-2023****HBA1C**

Test Name	Results	Normal Range
HBA1C	5.4	Normal 4-6 % Good Control 6-7 % Fair Control 7-8 % Unsatisfactory Control 8-10 % Poor Control Above 10 %

**Dr. POOJA PRAPANNA**  
DR. POOJA PRAPANNA  
M.D.

**MR. JAYA RAJPUT****39 Years /M****MEDIWHEEL****25-03-2023****URINE EXAMINATION**

Test Name	Results	Normal Range
<b>PHYSICAL EXAMINATION</b>		
	.	
Quantity	30 ml	
Colour	Pale Yellow	
Appearance	Clear	
Deposits	Absent	
Specific Gravity	1.015	
Reaction	Acidic	
<b>CHEMICAL EXAMINATION</b>		
	.	
Albumin	Nil	
Sugar	Nil	
Ketones	Absent	
Bile Pigments	Negative	
Bile Salt	Negative	
Hematuria	Negative	
<b>MICROSCOPIC EXAMINATION</b>		
	.	
Pus Cells	1- 2 /hpf	
Red Blood Cells	Nil/hpf	
Epithelial Cell	1 - 2 /hpf	
Crystals	Nil	
Casts	Absent	

**DR. POOJA PRAPANNA**  
DR. POOJA PRAPANNA  
M.D. MD

**MR. JAYA RAJPUT****39 Years /M****MEDIWHEEL****25-03-2023****STOOL ROUTINE & MICROSCOPIC**

<b>Test Name</b>	<b>Results</b>	<b>Normal Range</b>
<b>PHYSICAL EXAMINATION</b>	-	
Colour	Brown	
Consistency	Semi Sold	
Mucus	Present	
Blood	Absent	
<b>CHEMICAL EXAMINATION</b>	-	
Reaction	Acidic	
Reducing Sugar	Nil	
Occult Blood	Negative	
<b>MICROSCOPIC EXAMINATION</b>	-	
Pus Cells	1- 2 /hpf	
Red Blood Cells	Nil	
Epithilial	2-4/hpf	
Vegetable cells	Present	
Macrophages	Absent	
Cyst / Parasite	Absent	
Fat Globules	Absent	
Ova	Nil	
Bacterial Flora	Moderate	

Note :- All pathological tests have technical and biological limitations. Please correlate clinically as well as with other investigative findings.  
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**DR. POOJA PRAPANNA**  
**DR. POOJA PRAPANNA**  
**MD**  
M.D.

**MRS. JAYA RAJPUT**

**39 Yrs./F.**

**MEDIWHEEL**

**25th Mar, 2023**

**X-RAY CHEST PA VIEW**

Bony cage is normal.

Trachea is central.

C.P. angles are clear.

Cardiac contour and cardiothoracic ratio are normal.

Lung fields are clear.



**DR.D.S.CHHABRA.**  
M.D.



4D SONOGRAPHY • COLOR DOPPLER • ECHO • PATHOLOGY • DIGITAL X-RAY & OPG • TMT • ECG • HOLTER

MRS. JAYA RAJPUT

39 Yrs./F.

MEDIWHEEL

25th Mar, 2023

**ABDOMINAL SONOGRAPHY**

Liver is of normal size, shape, has smooth margins & regular contours and the parenchyma is mildly hyperechoic in echostructure, **fatty changes ( Grade I )**. No focal lesion.

Gall bladder is of normal size, shape, has thin walls & the contents are clear fluid. No evidence of any calculus. Biliary tree is undilated.

Pancreas is normal, no focal / diffuse pathology. Spleen is normal. The Portal and splenic veins are normal in calibre.

Both Kidneys are normal in size [ Rt.- measures about 11 cms. & Lt.- 12 cms. in length ], shape and echostructure. No calculus in both. The collecting system and ureter on both side are undilated.

Urinary bladder is normal in size, shape and has thin walls.

Uterus is of normal size, is bulky [ about 8.5 x 5.5 x 4.5 cms. in diam.] and is normal in shape. The uterine outlines are smooth & regular and the myometrial & endometrial echopattern is normal. No mass.

Both ovaries are normal in size, shape and echostructure.

No adnexal / pelvic mass or cyst. No pelvic collection.

There is no ascitis. No obvious abdominal lymphadenopathy. No sub / supra diaphragmatic pathology on either side.

**IMPRESSION :**

Fatty changes in liver ( Grade I ).



**DR.D.S.CHHABRA.**  
M.D.



## LABORATORY REPORT



Name : JAYA RAJPUT	Sex/Age : Female / 39 Years	Case ID : 30301606192
Ref. By :	Dis. At :	Pt. ID :
Bill. Loc. : UNIQUE DIAGNOSTIC CENTRE INDORE		Pt. Loc. :
Reg Date and Time : 25-Mar-2023 11:53	Sample Type : Serum	Mobile No. :
Sample Date and Time : 25-Mar-2023 11:53	Sample Coll. By : non	Ref Id1 :
Report Date and Time : 25-Mar-2023 13:09	Acc. Remarks : -	Ref Id2 :

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
<b>Thyroid Function Test</b>				
<b>Triiodothyronine (T3)</b> CMA	117.66	ng/dL	58 - 159	
<b>Thyroxine (T4)</b> CMA	8.3	µg/dL	5.5 - 11.0	
<b>TSH</b> CMA	1.697	µIU/mL	0.4 - 4.2	

### INTERPRETATIONS

- Circulating TSH measurement has been used for screening for euthyroidism, screening and diagnosis for hyperthyroidism & hypothyroidism. Suppressed TSH (<0.01 µIU/mL) suggests a diagnosis of hyperthyroidism and elevated concentration (>7 µIU/mL) suggest hypothyroidism. TSH levels may be affected by acute illness and several medications including dopamine and glucocorticoids. Decreased (low or undetectable) in Graves disease. Increased in TSH secreting pituitary adenoma (secondary hyperthyroidism), PPTH and in hypothalamic disease thyrotropin (tertiary hyperthyroidism). Elevated in hypothyroidism (along with decreased T4) except for pituitary & hypothalamic disease.
- Mild to modest elevations in patient with normal T3 & T4 levels indicates impaired thyroid hormone reserves & incipient hypothyroidism (subclinical hypothyroidism).
- Mild to modest decrease with normal T3 & T4 indicates subclinical hyperthyroidism.
- Degree of TSH suppression does not reflect the severity of hyperthyroidism, therefore, measurement of free thyroid hormone levels is required in patient with a suppressed TSH level.

### CAUTIONS

Sick, hospitalized patients may have falsely low or transiently elevated thyroid stimulating hormone. Some patients who have been exposed to animal antigens, either in the environment or as part of treatment or imaging procedure, may have circulating antianimal antibodies present. These antibodies may interfere with the assay reagents to produce unreliable results.

### TSH ref range in Pregnancy

First trimester  
Second trimester  
Third trimester

### Reference range (microIU/ml)

0.24 - 2.00  
0.43-2.2  
0.8-2.5

Note:(LL-VeryLow,L-Low,H-High,HH-VeryHigh ,A-Abnormal)

*Soma*

**Dr. Soma Yadav**  
M.D. (Pathology)

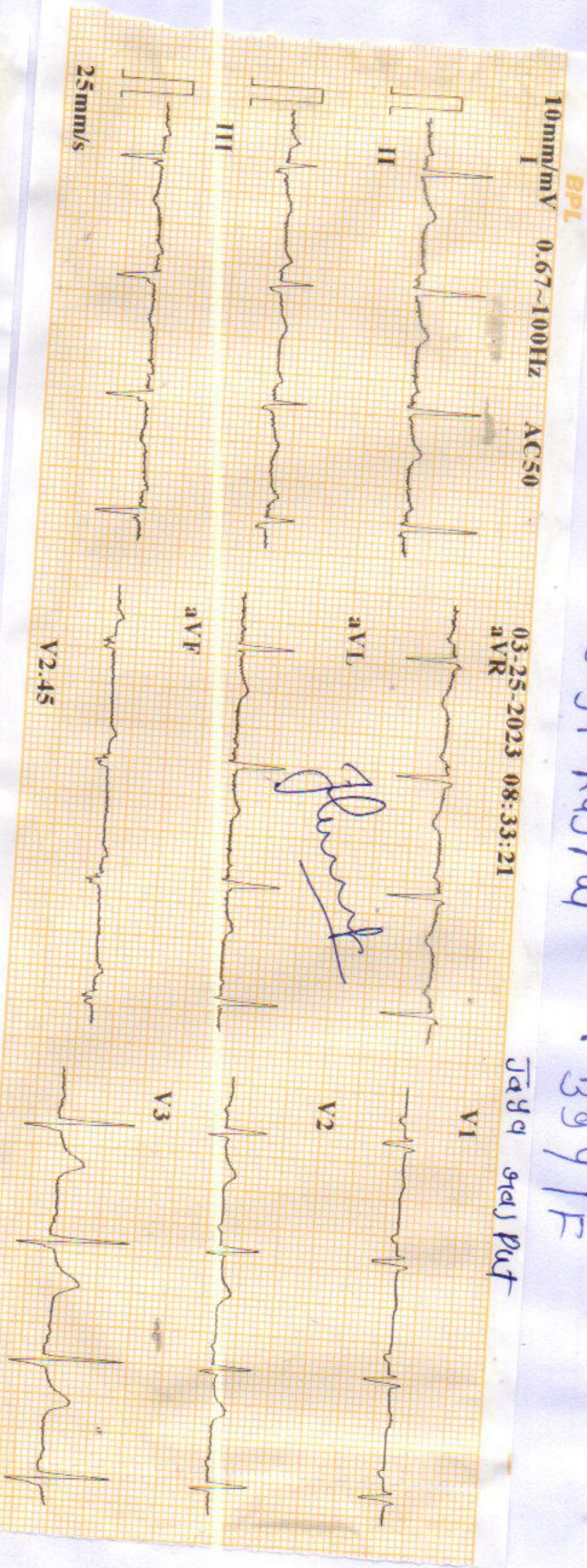
**Dr. A Mishra**  
M.D. Microbiology



Mrs. Jayy Rajput

39 y / F

Jayy Rajput



CardiART

ID	: 230325-0833
Name	: Jayy Rajput
Age	: 39 yr
Sex	: Female
BP	: mmHg
Height	: cm
Weight	: kg
HR	: 89 bpm
P Dur	: 98 ms
PR int	: 148 ms
QRS Dur	: 89 ms
QT/QTc int	: 349/425 ms
P/QRS/T axis	: 63/-21/9 °
RV5/SV1 amp	: 1.416/0.372 mV
RV5+SV1 amp	: 1.788 mV
RV6/SV2 amp	: 1.304/0.228 mV

Minnesota Code:  
 1-1-2(V1)  
 1-1-5(aVF)  
 9-4-1(V3)

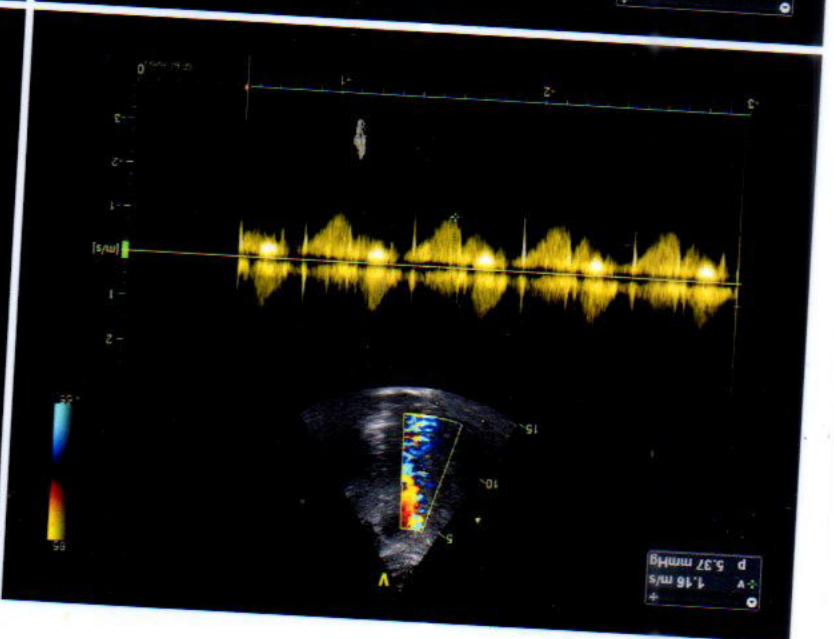
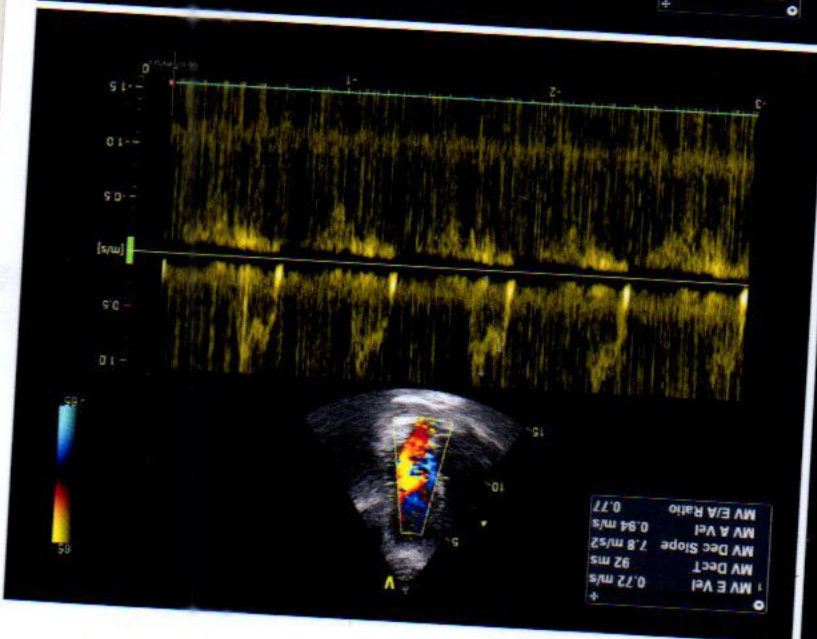
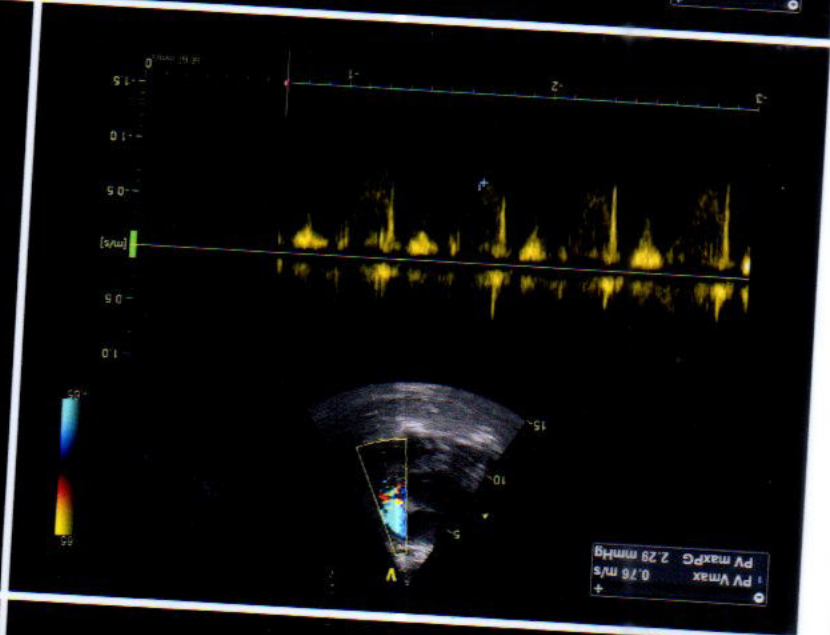
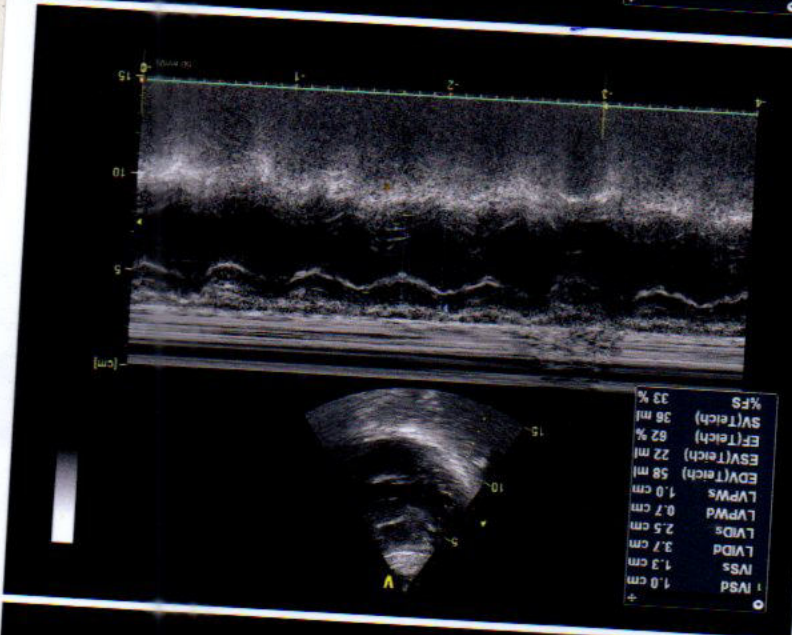
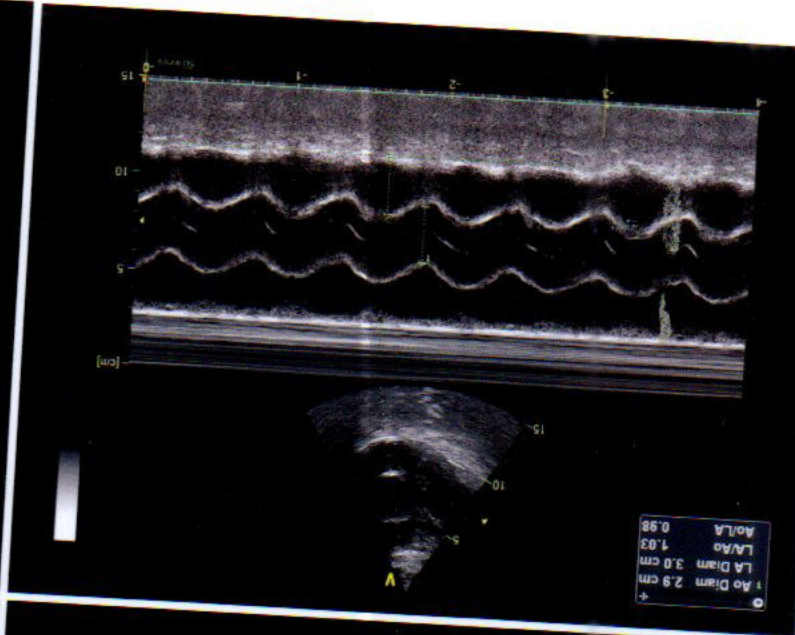
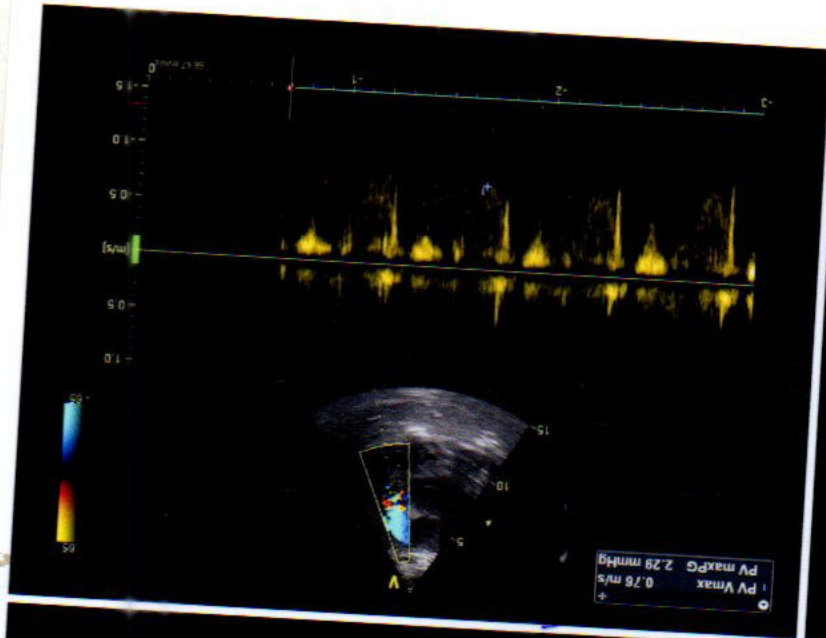
Diagnosis Information:  
 800: Sinus Rhythm  
 \*\*\*Normal ECG\*\*\*

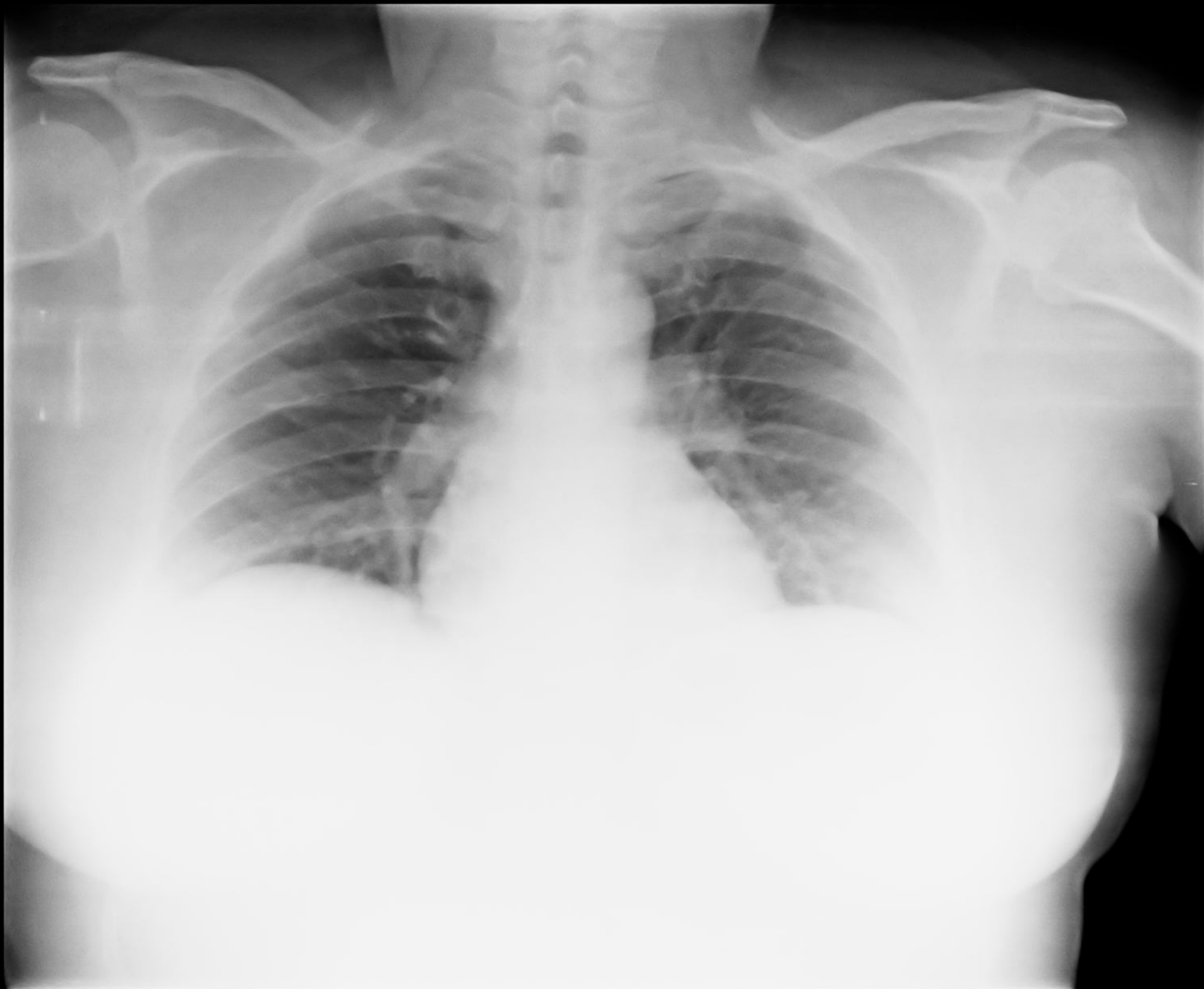
Report Confirmed by:

DR. PANKAJ JAIN  
 MBBS, MD, DM  
 Reg. No. 19547











Patient : MRS. JAYA RAJPUT  
Age/Sex : 35 Years /Female  
Contact : 7415728605  
MR No. : JWS0586322

Doctor : Dr. DEEPAJI FAUZZAN  
Facility : Dr Agarwal's Health care limited,yw.  
Appt. Dt : 25 Mar'23  
Note Dt : 25 Mar'23

## GLASSES PRESCRIPTIONS

R/OO				
	Sph	Cyl	Axis	Vision
Distant	-0.75	-	-	6/6
Near	-	-	-	-

L/O5				
	Sph	Cyl	Axis	Vision
Distant	-1.25	-0.75	160	6/9
Near	-	-	-	-

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- For more information contact:-9384810208

Color Vision: NORMAL

Color Vision: NORMAL

**EXAMINATION**

**R/OD**

**VA:** UCVA - 6/9 UCVA Near- N6 PH- 6/6  
**IOP(1):** 19 at 11:38 AM  
**Appearance:** Normal  
**Appendages:** Normal  
**Conjunctiva:** Normal  
**Sclera:** Normal  
**Cornea:** Size/Shape/Surface Normal  
**Anterior Chamber:** Normal depth. No cells/flare  
**Pupil:** Round shape, Normal direct & Consensual reflex  
**Iris:** Within normal Limits  
**Lens:** Clear, Crystalline, Central  
**Extra Ocular Movements:** Unioocular and Binocular movements full and normal  
**Fundus:**  
Media-Clear, CupRatio-0.3, PVD-Absent, OptDiscSize-Medium, OpticDisc-healthy, Bloodvessel-normal, Macula-Foveal Reflex, Foveal Reflex-Present, Fundus-within normal limits

**L/OS**

**VA:** UCVA - 6/18(P) UCVA Near- N6 PH- 6/9  
**IOP(1):** 15 at 11:38 AM  
**Appearance:** Normal  
**Appendages:** Normal  
**Conjunctiva:** Normal  
**Sclera:** Normal  
**Cornea:** Size/Shape/Surface Normal  
**Anterior Chamber:** Normal depth. No cells/flare  
**Pupil:** Round shape, Normal direct & Consensual reflex  
**Iris:** Within normal Limits  
**Lens:** Clear, Crystalline, Central  
**Extra Ocular Movements:** Unioocular and Binocular movements full and normal  
**Fundus:**  
Media-Clear, PVD-Absent, OptDiscSize-Medium, CupRatio-0.3, OpticDisc-healthy, Bloodvessel-normal, Macula-Foveal Reflex, Foveal Reflex-Present, Fundus-within normal limits

**DIAGNOSIS**

1. Myopia, bilateral - H52.13

**ADVICE :**

**Medication(Rx)**

**New:**

Sr No.	Name	Quantity	Frequency	Duration	Eye	Instruct
1	AQUIM T - EDR	1	3 times a day	3 Months	Both Eyes	Regular

glasses

**For Followup :** - Visit Dr. DEEPALI FAUZDAR after 6 Months or as and when necessary at Dr Agarwal's Health care limited-jws