

MRS. PEMLATA KANT

42 YEARS /FEMALE

BOB

23-3-2024

Height: 158 Cms

Weight: 68 Kg

BP: - 119/73 mmhg

Pulse: - 94/- Regular

BMI: - 27.2 kg/m<sup>2</sup>

EYE: - NORMAL

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

OVERWEIGHT



*D. S. Chhabra*  
Dr. D.S. Chhabra

DR. D.S. CHHABRA

MBBS. MD.

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

**MRS. PREMLATA KANT****42 Years /F****BANK OF BARODA****23-03-2024****HEAMOGRAM**

<b>Test Name</b>	<b>Results</b>	<b>Normal Range</b>
<b>Haemoglobin (HB)</b>	<b>8.6</b>	<b>11 - 16 gm%</b>
<b>R.B.C. Count</b>	<b>5.20</b>	<b>3.8 - 4.8 milli./cu.mm</b>
<b>PCV</b>	<b>30.1</b>	<b>36 - 46 %</b>
<b>MCV</b>	<b>57.88</b>	<b>80 - 98 fl</b>
<b>MCH</b>	<b>16.54</b>	<b>27 - 32 pg</b>
<b>MCHC</b>	<b>28.57</b>	<b>31.5 - 34.5 %</b>
<b>TOTAL WBC COUNT</b>	<b>5,200</b>	<b>4,000 to 11,000 /cu.mm</b>
<b>DIFFERENTIAL WBC COUNT</b>	.	
<b>Neutrophils</b>	<b>55</b>	<b>40 - 75 %</b>
<b>Lymphocytes</b>	<b>38</b>	<b>20 - 40 %</b>
<b>Monocytes</b>	<b>04</b>	<b>02 - 08 %</b>
<b>Eosinophils</b>	<b>03</b>	<b>01 - 05 %</b>
<b>Basophils</b>	<b>00</b>	<b>00 - 01 %</b>
<b>PLATELET COUNT</b>	<b>2.65</b>	<b>1.5 - 4 Lacs/cu.mm.</b>
<b>E.S.R</b>	<b>13</b>	<b>M- 0-10 at the end of 1 hr. F- 0-20 at the end of 1 hr</b>

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

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.

**MRS. PREMLATA KANT****42 Years /F****BANK OF BARODA****23-03-2024****BIOCHEMISTRY**

<b>Test Name</b>	<b>Results</b>	<b>Normal Range</b>
<b>SERUM BILIRUBIN</b>	<b>:-</b>	
<b>TOTAL BILIRUBIN</b>	<b>0.88</b>	<b>0 - 1 mg/dl</b>
<b>DIRECT BILIRUBIN</b>	<b>0.14</b>	<b>&lt;0.25 mg/dl</b>
<b>INDIRECT BILIRUBIN</b>	<b>0.74</b>	<b>&lt; 1.0 mg/dl</b>
<b>S.G.O.T</b>	<b>25.0</b>	<b>0 - 45 IU/L</b>
<b>S.G.P.T</b>	<b>20.0</b>	<b>0 - 45 IU/L</b>
<b>ALKALINE PHOSPHATE</b>	<b>76.0</b>	<b>Adult - 42 - 128 IU/L</b> <b>Child - 150 - 630 IU/L</b>
<b>TOTAL PROTEIN</b>	<b>6.15</b>	<b>6.0 to 8.0 g/dl</b>
<b>ALBUMIN</b>	<b>4.16</b>	<b>3.2 to 5.0 g/dl</b>
<b>GLOBULIN</b>	<b>1.99</b>	<b>1.9 to 3.5</b>
<b>A:G RATIO</b>	<b>2.09</b>	<b>1.2 TO 2.3</b>
<b>GAMA GT</b>	<b>27.0</b>	<b>5 - 43 Iu/l</b>

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**MRS. PREMLATA KANT****42 Years /F****BANK OF BARODA****23-03-2024****RENAL PROFILE**

Test Name	Results	Normal Range
BUN	8.0	5 - 21 Mg/dl
CREATININE	0.77	0.6 - 1.4 mg\dl
URIC ACID	3.21	2.5 - 6.8 mg\dl
CALCIUM	8.93	8.5 - 10.5 mg\dl

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BANK OF BARODA42 Years /F  
23-03-2024**LIPID PROFILE**

Test Name	Results	Normal Range
TOTAL LIPIDS	419	400 - 700 mg/dl
CHOLESTROL	132.0	<200 mg/dl- Desirable 200 - 239 mg/dl - Borderline High >240 Mg/dl High
HDL CHOLESTROL	40.0	35- 60 mg/dl
TRIGLYCERIDE	105.0	<150 mg/dl Normal 150 - 199 mg/dl Borderline High 200 - 499 mg/dl High
LDL CHOLESTROL	71	<100 mg/dl Optimal 100- 129 mg/dl Borderline high 160 - 189 mg/dl High
VLDL CHOLESTROL	21	<40 mg/dl
RISK RATIO	3.3	3 - 6

  
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42 Years /F

BANK OF BARODA

23-03-2024

Test Name	Results	Normal Range
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**HAEMATOTOLOGY PROFILE**

BLOOD GROUP	: -
"ABO " GROUP	"A"
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	70.0	70 - 110 mg/dl
P.P. BLOOD SUGAR	90.0	upto 140 mg/dl

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**MRS. PREMLATA KANT****42 Years /F****BANK OF BARODA****23-03-2024****URINE EXAMINATION**

<b>Test Name</b>	<b>Results</b>	<b>Normal Range</b>
<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	

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**42 Yrs./F**

**BOB**

**23rd Mar, 2024**

**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. PREMLATA KANT

42 Yrs/F

BOB

23rd Mar, 2024

ABDOMINAL SONOGRAPHY

Liver is of normal size, shape, has smooth margins & regular contours and the parenchyma is mildly hyperechoic in echostructure, **early fatty changes**. 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 [ measure about 10.5 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 [ measures about 8 x 5 x 3.5 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.

**A small, uncomplicated, hydrosalpinx** is seen in **right adnexal region**. This measures about 7 cms. in length & 3 cms. in max. AP diam.

No other 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 :

Early fatty changes in liver.

A small, uncomplicated, hydrosalpinx on right side.



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

M.D.



## LABORATORY REPORT



Name : Mrs PREMLATA KANT	Sex/Age : Female / 42 Years	Case ID : 40301606888
Ref. By :	Dis. At :	Pt. ID :
Bill. Loc. : UNIQUE DIAGNOSTIC CENTRE INDORE		Pt. Loc. :
Reg Date and Time : 23-Mar-2024 12:44	Sample Type : Serum	Mobile No. :
Sample Date and Time : 23-Mar-2024 12:44	Sample Coll. By : non	Ref Id1 :
Report Date and Time : 23-Mar-2024 13:51	Acc. Remarks : -	Ref Id2 :

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
<b>Thyroid Function Test</b>				
<b>Triiodothyronine (T3)</b> CMIA	<b>116.65</b>	ng/dL	58 - 159	
<b>Thyroxine (T4)</b> CMIA	<b>7.26</b>	µg/dL	5.5 - 11.0	
<b>TSH</b> CMIA	<b>1.29</b>	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), PRTN 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

	Reference range (microIU/ml)
First trimester	0.24 - 2.00
Second trimester	0.43-2.2
Third trimester	0.8-2.5

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

**Dr Astha Dawani**  
Consultant Pathologist.

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

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

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Page 1 of 2

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Regd. Office : Plot No. 7, Industrial Estate, Rajiv Gandhi Salai, Perungudi, Chennai - 600096, Tamil Nadu, India. | CIN - U85300TN2017PTC114099  
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**DR. PRIYANK JAIN**  
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CONSULTANT CARDIOLOGIST

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INDORE - 452 001. ( M. P. ).  
Phone : 2704118. 4082228

## ECHOCARDIOGRAPHY REPORT

NAME : MRS. PREMLATA KANT Age : 42 Yrs./ F  
REFERRED BY : BOB Date : 23rd Mar, 2024

### ECHOCARDIOGRAPHIC OPINION

INTERPRETATION :-

- \*\* No RWMA.
- \*\* Good biventricular function. LVEF : 60 %.
- \*\* Normal cardiac valves, healthy pericardium.

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



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

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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.

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

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

Aortic cusps are not thickened and enclosure line is central.

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

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 60 %.

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	: 1.8 cms.	1.5-2.6 cm
3.	Right Ventricular Dimension	: --	
4.	Left Atrial Dimension	: 3.0 cms.	1.9-4.0 cm < 2.2 cm / M <sup>2</sup>
5.	Left Ventricular ED Dimension	: 4.1 cms.	3.7-5.6 cm < 3.2 cm / M <sup>2</sup>
6.	Left Ventricular ES Dimension	: 2.8 cms.	2.2-4.0 cm
7.	Inter Ventricular ED Septal thickness	: 1.2 cms.	0.6-1.2 cm
8.	Left Ventricular ED PW thickness	: 1.3 cms.	0.5-1.0 cm
9.	IVS / LVPW	: 01	< 1.3

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[E] INDICES OF LEFT VENTRICULAR FUNCTION

1.	Mitral E - Septal Separation	: 0.5	< 0.9- cm
2.	Left Ventricular Ejection Fraction	: 60 %	60 - 80 %

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## DOPPLER

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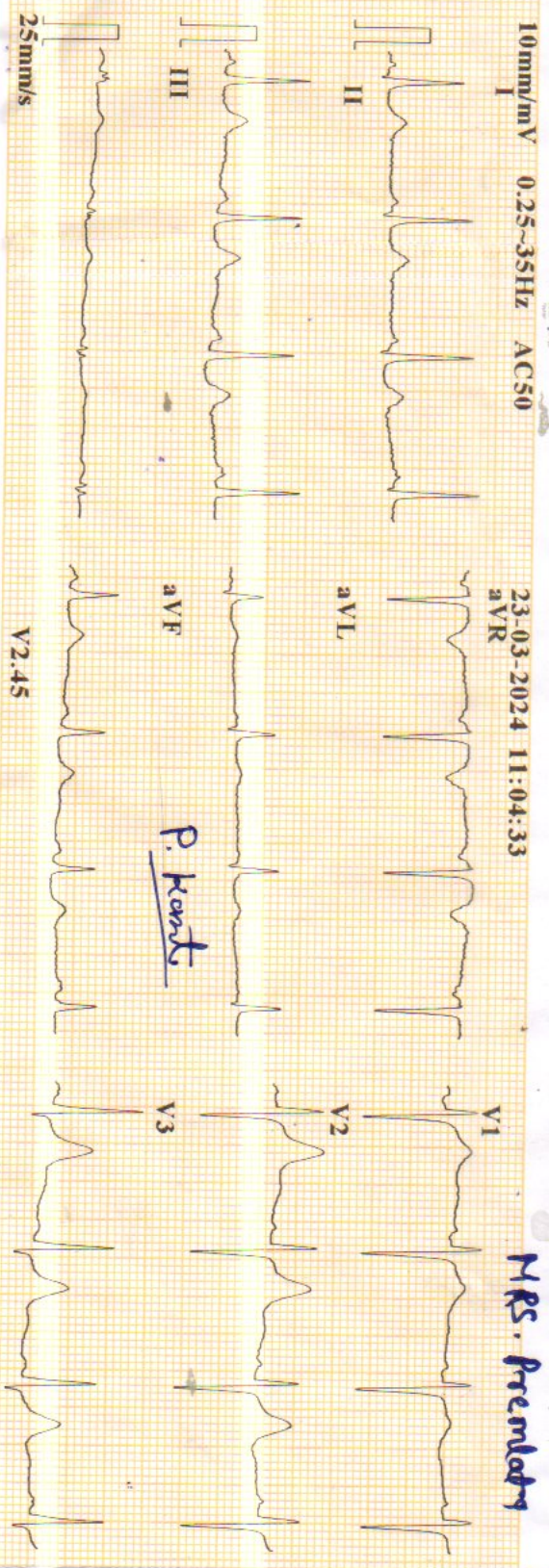
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Peak Flow Velocity ( M/Sec.)		Peak Gradient ( mmHg.)	Regurgitation
MV	Normal	--	Normal
TV	Normal	--	Normal
AV	Normal	--	Normal
PV	Normal	--	Normal

PASP : Normal

\*\*\*\*\*





*MRS. Premkalya*

CARDIART

BPL

ID	: 240323-1104
Name	: 42 yr
Age	: Female
Sex	: Female
BP	: mmHg
Height	: cm
Weight	: kg
HR	: 82 bpm
P Dur	: 85 ms
PR int	: 112 ms
QRS Dur	: 98 ms
QT/QTc int	: 336/392 ms
P/QRS/T axis	: 53/29/41 °
RV5/SV1 amp	: 1.661/1.184 mV
RV5+SV1 amp	: 2.845 mV
RV6/SV2 amp	: 1.591/1.085 mV



*Wll*

*Dr. Mahendra Chourasiya*  
*M.D., B.M. (Cardio)*



# UNIQUE DIAGNOSTIC CENTRE INDORE

Ref.by : BOB

23 Mar 2024  
Name : MRS. PREMLATA KANT

Done by : DR. PRIYANK JAIN M.D.,DM.

