

**ECHO Report**

Date: 24/09/2022

**Patient Details**

Patient ID –

Name- MR PRAMOD RAUT

Age- 33 YEARS

Gender- MALE

Referral BY - MEDIWHEEL

Doctor Incharge DR. MAHESH PADSALGE

Clinical Status of Patient -

**Finding description -**

1. Normal cardiac chambers dimensions .
2. Normal LV systolic function.
3. No RWMA.
4. All cardiac valves are structurally normal.
5. Trivial MR, Trivial PR, NO AR.
6. No PAH.
7. Normal RV systolic function.
8. No clot/vegetation/pericardial effusion.
9. No coarctation of aorta.

**Chamber Dimensions-M mode Findings**

LVID (Diastole) 35-56(mm) - 44.00  
 IVS (Diastole) 8-12(mm) - 11.00  
 LVPWT (Diastole) 6-11(mm) - 11.00  
 LVEF (%) - 60%

LVID (Systole) 24-42(mm) - 30.00  
 IVS (Systole) 14-42(mm) - 14.00  
 EPSS - 4.00  
 LVFS (%) - 31.00

LV Volume (Diastolic)(mm<sup>3</sup>)  
 Meridional Wall Stress in System

LV Volume (Systolic)(mm<sup>3</sup>)  
 Cubed LV Volume in Diastole (mm<sup>3</sup>)

Cubed LV+ myocardial volume (mm<sup>3</sup>)

Velocity of circumferential  
 Shortening (mm)

Aortic root 22-37(mm) - 28.00  
 Left Atrium Length (mm) - 25.00  
 Left Atrium Volume (mm<sup>3</sup>)  
 RV size Normal  
 Normal  
 RV volume (mm<sup>3</sup>)  
 Normal  
 Pericardium Normal  
 Effusion None  
 Resp Variation Present  
 Predicted RV Systolic Pressure

Left Atrium Width (mm)  
 Left Atrium Area (mm<sup>2</sup>)  
 RV Function

RA Size

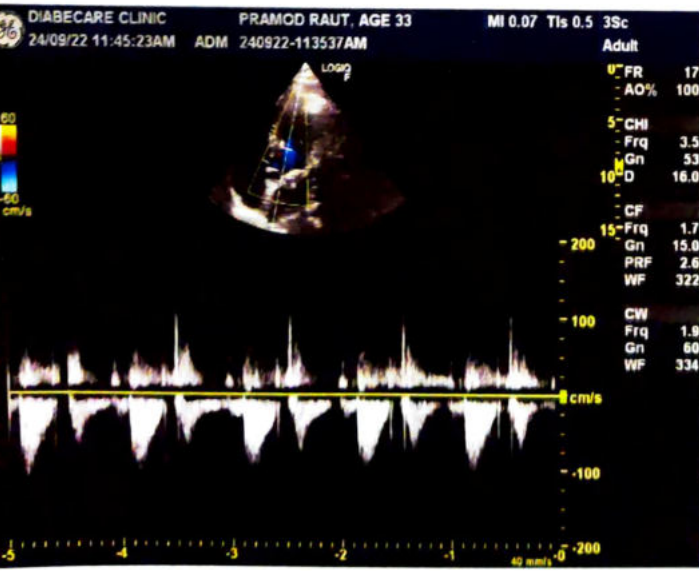
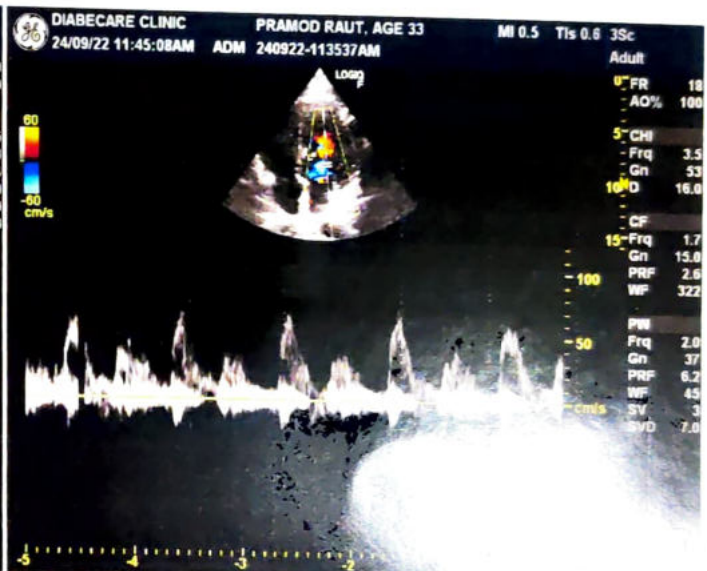
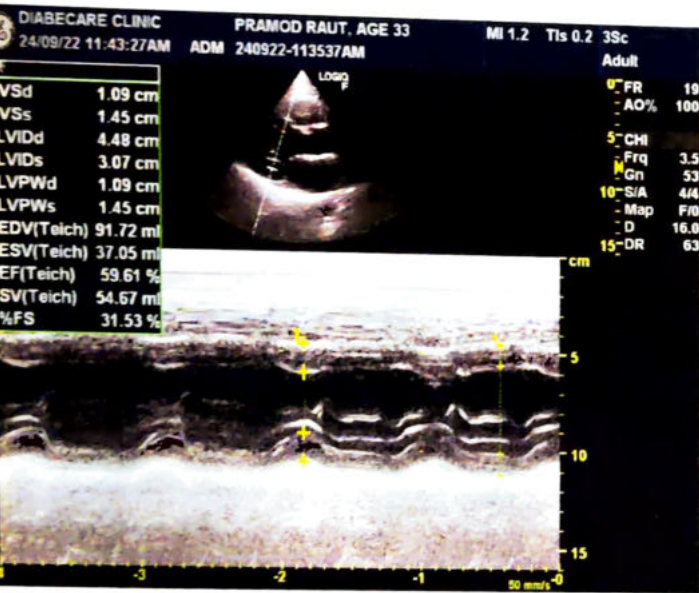
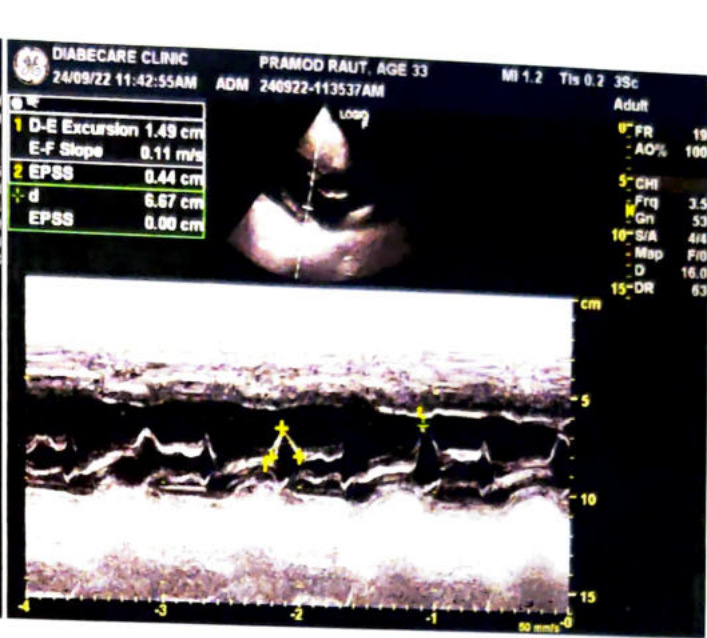
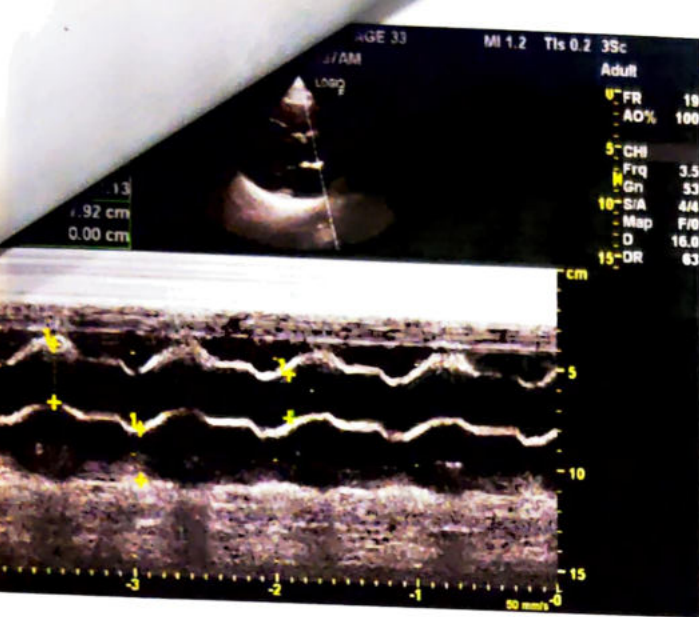
IVC Size (mm) – 15mm Collapsible

**Doppler Findings- I**



Dr. Mahesh Padsalge

*Dr. Mahesh V. Padsalge*  
 MD. (Medicine)  
 Consultant Physician  
 Reg. No. 91424 (MMC)



24/9/22

Pramod Raut.

Eye check up

(R)

(L)

VA unaided	6/60 → 6/6 unaided Aided	6/60 → 6/6 Aided
	NG	NG
M/S	~	~
(F)	~	ADD
Color m	(N)	(N)
	(P) myopia	Len

Vital Signs™ 2016 100403

Pramod raut  
ID age 33

आयकर विभाग  
INCOME TAX DEPARTMENT

भारत सरकार  
GOVT. OF INDIA

PRAMOD MALHARI RAUT

MALHARI PANDURANG RAUT

29/08/1989

Permanent Account Number  
AQXPR8817P

*P. Raut*  
Signature

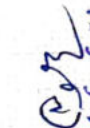


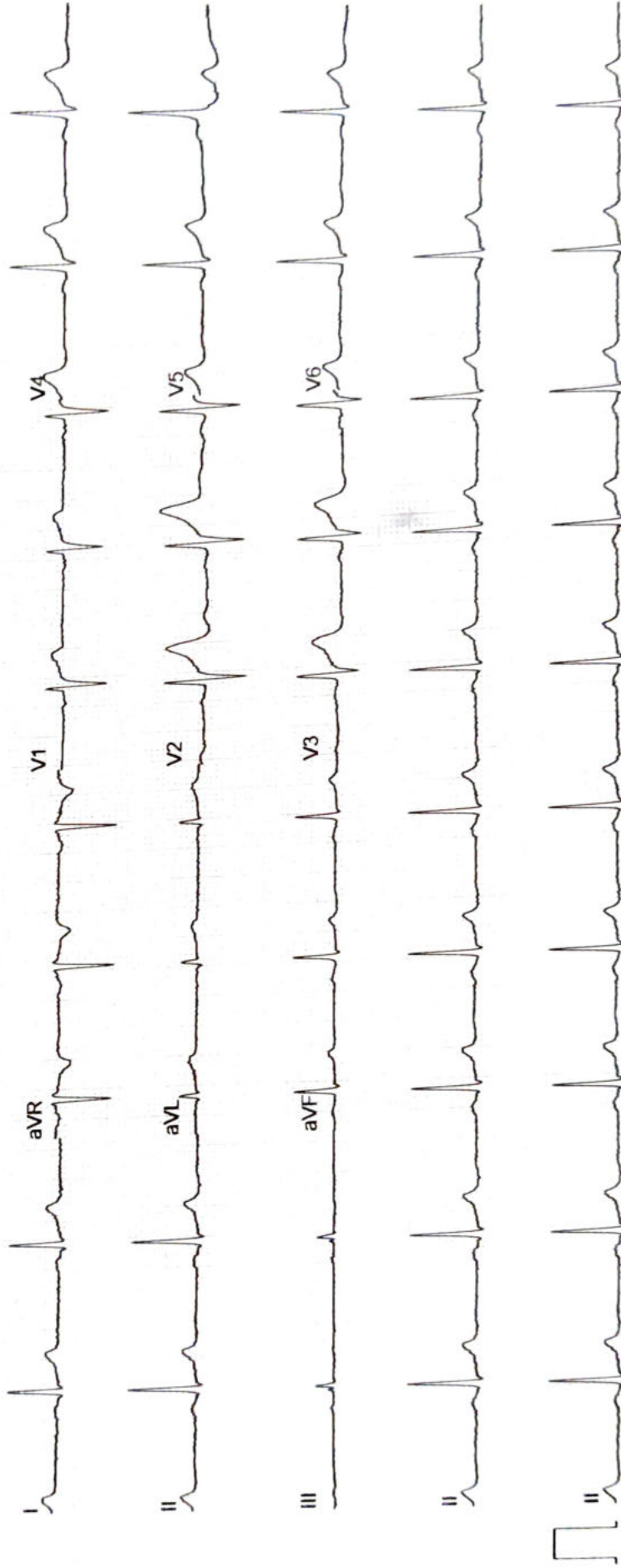
*P. Raut*

Male

QRS : 86 ms  
QT / QTcBaz : 366 / 374 ms  
PR : 136 ms  
P : 92 ms  
RR / PP : 944 / 952 ms  
P / QRS / T : 51 / 47 / 27 degrees

Normal sinus rhythm  
Normal ECG

*CS sinus normal*  
  
**Dr. Mahesh V. Padsalge**  
MD. (Medicine)  
Consultant Physician  
Reg. No. 91424 (MMC)





Name : MR PRAMOD RAUT	Age/sex: 33 Yrs. /MALE
Ref by: MEDIWHEEL	Date: 24/09/2022

**ULTRASOUND EXAMINATION OF ABDOMEN & PELVIS**

**Findings-**

The Liver is normal in size, shape and echogenicity. No focal lesion is seen. The Hepatic veins appear normal. There is no IHBR dilatation. The portal vein appears normal.

The gall bladder is contracted. The proximal C.B.D. is normal caliber

Visualized head of Pancreas appears normal in size and reflectivity. The pancreatic duct is not dilated. Rest of the pancreas and retro peritoneum is obscured by bowel gases

The spleen is mildly enlarged in size (12.2 cm), No focal lesion is seen. Splenic vein is normal at hilum.

Both kidneys are normal in position and size. They show normal cortical reflectivity and cortico-medullary differentiation. There is no evidence of renal calculus, hydronephrosis or mass.

Right kidney measures 9.5 x 5.2 cm

Left kidney measures 10.3 x 4.5 cm

The Urinary bladder is well distended. No evidence of any intraluminal mass or calculi.

The visualized Prostate appears normal in size, shape and homogenous echotexture.

There is no free fluid is seen in the pelvis. No probe tenderness in present study.

**IMPRESSION:-**

➤ Mild splenomegaly.

• Adv : clinical correlation.

Dr. MRUDULA BABAR  
CONSULTANT RADIOLOGIST

Dr. MRUDULA BABAR  
DMRE CPS Mumbai 2009  
(RADIOLOGIST)  
Reg. No. 2005/03/2139



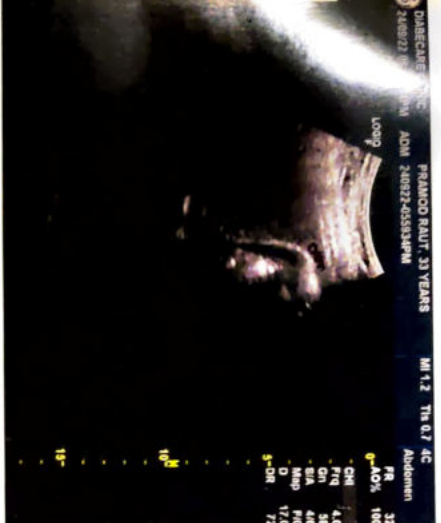
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ADM 240822-055934PM  
M 1.2 TH 0.7 AC

Abdomen  
PR 32  
p-AO% 100  
CM 4.0  
FM 4.0  
SA 4.0  
MA 4.0  
MD 17.0  
D 7.2  
S-ON 7.2



PARAMO CLINIC  
ADM 240822-055934PM  
M 1.2 TH 0.7 AC

Abdomen  
PR 39  
p-AO% 100  
CM 4.0  
FM 4.0  
SA 4.0  
MA 4.0  
MD 17.0  
D 7.2  
S-ON 7.2



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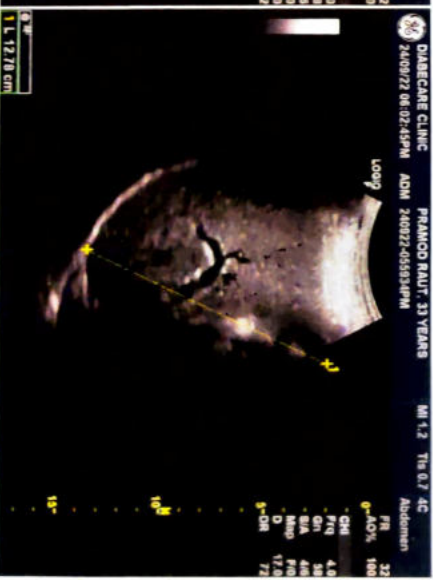
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PR 32  
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CM 4.0  
FM 4.0  
SA 4.0  
MA 4.0  
MD 17.0  
D 7.2  
S-ON 7.2

10.33 cm  
1.52 cm

9.4  
11.3278 cm



NAME- PRAMOD RAUT

DATE- 24/09/2022

AGE- 33/M

X-RAY CHEST PA

The Soft Tissues And Bony Thorax Are Normal.

Both The Costophrenic And Cardiophrenic Angles Are Clear.

The Lung Field Are Normal.

Cardiac Shape And Size Appears Normal.

Both The Hila Are Normal In Density And Position.

Both The Domes Of Diaphragm And Mediastinum Are Normal.

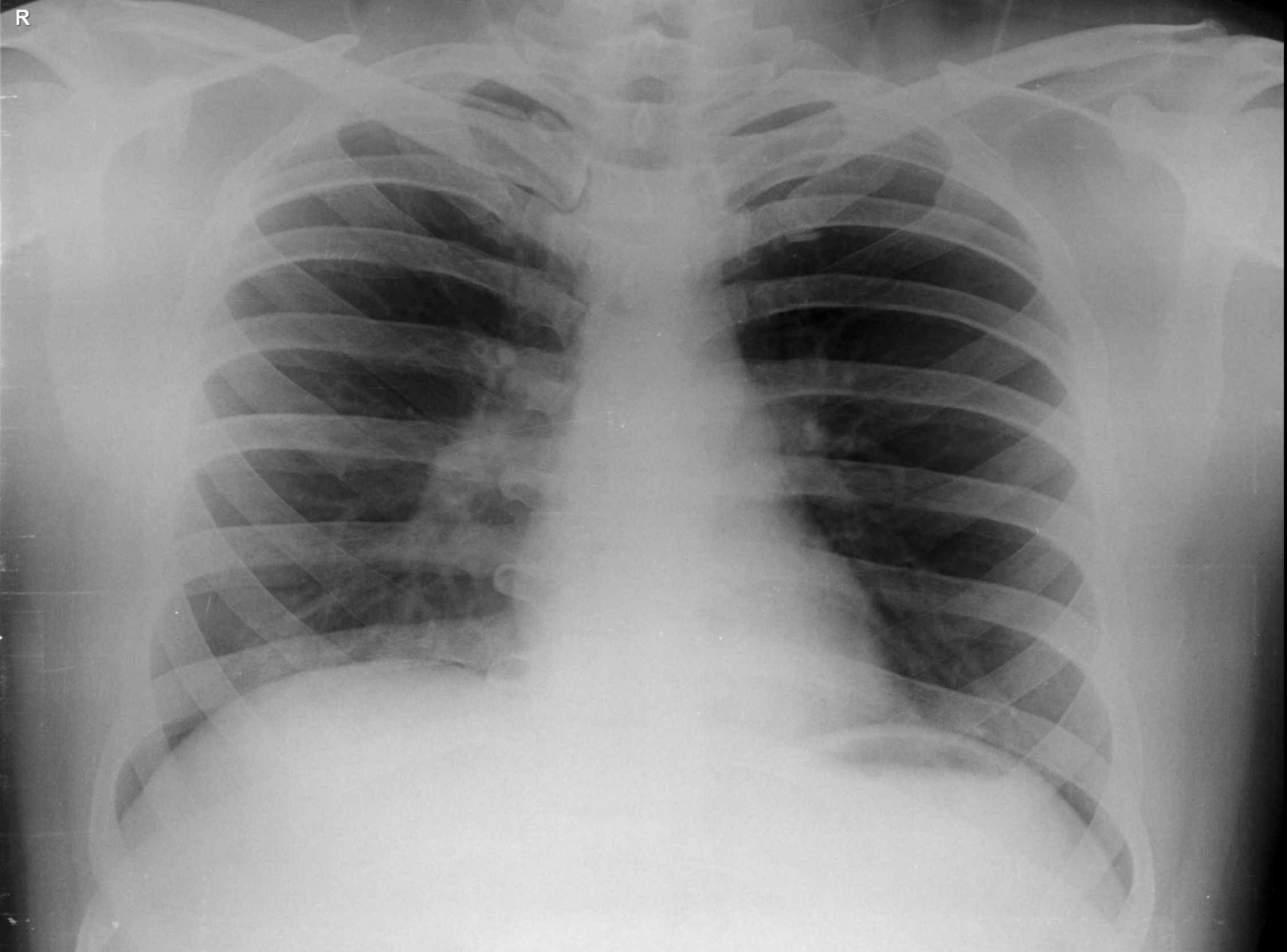
Impression: Normal Chest X-Ray.

*Fors*  


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CONSULTANT RADIOLOGIST

**Dr. MRUDULA BABAR**  
DMRE,CPS Mumbai 2009  
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R



**PRAMOD RAUT 33YRS      9/24/2022**  
**OLIVE DIAGNOSTIC, SEAWOOD SEC40**

Patient Name : **MR. RAUT PRAMOD MALHARI**  
Patient ID : 41746  
Age / Sex : 30 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 69048

Collected : Sep 24, 2022, 10:41 a.m.  
Reported : Sep 24, 2022, 04:26 p.m.  
Sample ID :



193274

Test Description	Results	Units	Biological Reference Range
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**TOTAL TRIIODOTHYRONINE (T3)**

Sample Type : Serum

TotalTriiodothyronine (T3) [ CLIA ]	1.16	ng/dL	0.69 - 2.15
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**\*\*END OF REPORT\*\***

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Consultant Pathologist  
Reg. No. : 90461

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**TOTAL THYROXINE ( T4 )**

Sample Type : Serum

Total Thyroxine ( T4 ) [ CLIA ]	77.87	ng/ml	52 - 127
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**\*\*END OF REPORT\*\***



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Test Description	Results	Units	Biological Reference Range
	<b><u>ESR</u></b>		
Sample Type : EDTA / Whole Blood			
ESR	10	Mm/hr	0 - 15
Method	Westergren		

\*\*END OF REPORT\*\*



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### COMPLETE BLOOD COUNT

Sample Type : EDTA / Whole Blood

Hemoglobin	13.3	g/dl	13.0 - 17.0
RBC COUNT	4.51	Millions/c	4.5 - 5.5
PCV(Hematocrit)	40.9	%	40.0 - 50.0
Mean Cell Volume(MCV)	90.69	fl	80.0 - 100.0
Mean Cell Hemoglobin(MCH)	29.49	pg	27.0 - 33.0
Mean Cell Hb Conc(MCHC)	32.52	g/dl	32 - 36
RDW	14.5	%	11.50 - 14.50
Total Leucocytes (WBC) Count	5160	/cumm	4000-11000

### DIFFERENTIAL COUNT

Neutrophils	50.8	%	40 - 70
Lymphocytes	39.4	%	20 - 50
Eosionphils	3.4	%	01 - 06
Monocytes	6.1	%	00 - 08
Basophils	0.30	%	00-01

### SMEAR STUDY

RBC Morphology	Normocytic Normocromic.		
WBC Morphology	No E/o Toxic granules seen		
Platelets On Smear	Adequate on Smear		
Platelet Count	153000	/cumm	150000 - 450000
MPV	11.9	fL	6.5 - 10.0

**Comments :-**

-

**Method:-**

HB:-Colorimetric, Total WBC:-Impedance/Flow Cytometry, HCT, MCV, MCH, MCHC, RDW-CV:-Calculate, Diff. Count: Flow Cytometry / Manual Stained Smear Microscopy, RBC: Impedance, Platelets : Impedance Method.

**Technique :-**

Fully Automated 5 part Diff. Cell Counter .

All Test Results are subjected to stringent international External and Internal Quality Control Protocols

**\*\*END OF REPORT\*\***



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**BLOOD UREA LEVEL ( BUL )**

Sample Type : Serum

<b>Urea</b>	30.70	mg/dl	10 - 40
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[ Urease - GLDH ]

<b>Bun</b>	14.34	mg/dl	6 - 21
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[ Calculated ]

Technique :- Done On Fully Automated Biochemistry Analyser ERBA EM-200

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**CREATININE**

Sample Type : Serum

<b>Creatinine</b>	0.92	mg/dl	0.40 - 1.40
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[ Enzymatic ]

Formula

Technique :- Done On Fully Automated Biochemistry Analyser ERBA EM-200

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Test Description	Results	Units	Biological Reference Range
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**SR. URIC ACID**

Sample Type : Serum

<b>Uric Acid</b> [ Uricase - POD ]	6.40	mg/dl	3.6 - 7.7
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Technique :- Done On Fully Automated Biochemistry Analyser ERBA EM-200.

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**LIVER FUNCTION TEST**

Sample Type : Serum

TOTAL BILIRUBIN [ DIAZO ]	0.64	mg/dl	0.3-1.3 mg/dl
BILIRUBIN-DIRECT [ DIAZO ]	0.31	mg/dl	0.1-0.4 mg/dl
BILLIRUBIN-INDIRECT [ CALCULATED ]	0.33	mg/dl	0.1-0.9 mg/dl
S.G.O.T. (AST) [ IFCC without Pyridoxal Phosphate ]	30.20	IU/L	5-40 IU/L
S.G.P.T.(ALT) [ IFCC without Pyridoxal Phosphate ]	20.20	IU/L	5-40 IU/L
ALKALINE PHOSPHATASE [ Amino Methyl Propanol (AMP) ]	<b>39.00</b>	IU/L	44-147 IU/L
TOTAL PROTEINS [ BIURET ]	7.14	IU/L	6.0 - 8.5g/dL
ALBUMIN [ BROMO CRESOL GREEN (BCG) ]	4.16	g/dl	3.5-5.0 g/dl
GLOBULIN [ CALCULATED ]	2.98	gm%	2.3-3.5 gm%
ALBUMIN/GLOBULIN RATIO [ CALCULATED ]	1.40		
GAMMA GT	10.00	U/L	0 - 45

Technique : Fully Automated Biochemistry Analyser ERBA EM-200

**\*\*END OF REPORT\*\***

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**URINE ANALYSE REPORT**

Sample Type : Urine

**PHYSICAL EXAMINATION**

COLOUR	Pale Yellow		
APPEARANCE	Clear		
REACTION (PH)	6.0		4.8 - 7.6
SPECIFIC GRAVITY	1.025		1.010 - 1.030
ALBUMIN	Absent		
GLUCOSE	Absent		
BLOOD (U)	Absent		
BILE PIGMENTS	Negative		
BILE SALTS	Absent		
KETONE	Negative		
LEUKOCYTES	Absent		
NITRITE	Absent		
UROBILINOGEN	Negative		

**MICROSCOPY**

PUS CELLS/hpf	1-2		
RBCs/hpf	Absent		
EPI.CELLS/hpf	1-2		
CASTS	Absent		
CRYSTALS	Absent		
BACTERIA	Absent		
Other	Absent		

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<b><u>GLYCOCYLATED HAEMOGLOBIN</u></b>			
Sample Type : EDTA / Whole Blood			
Glycocyalted Haemoglobin (HbA1c) [ Tosoh HPLC ]	5.5	%	<5.7%NON DIABETIC 5.7-6.4% PRE-DIABETIC >6.5% DIABETIC <7.0% GOAL FOR DIABETIC ON TREATMENT
MEAN BLOOD GLUCOSE	<b>111.15</b>	mg/dL	116.89 - 154.2

\*\*END OF REPORT\*\*



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**LIPID PROFILE**

Sample Type : Serum

TOTAL CHOLESTEROL [ CHOD-PAP ]	142.60	mg/dL	Desirable : <200 mg/dl Borderline : 200 - 239mg/dl High : >240 mg/dl
TRIGLYCERIDES [ Glycerol Phosphate Oxidase ]	47.30	mg/dL	Desirable : <150 mg/dl Borderline : 150 - 199mg/dl High : >200mg/dl
HDL CHOLESTEROL [ Direct ]	<b>35.10</b>	mg/dL	Desirable : >40 mg/dl Borderline Risk : 35 mg/dl High Risk : <30 mg/dl
LDL CHOLESTEROL [ Calculated ]	98.04	mg/dL	Desirable : <100 mg/dl Borderline : 130 - 160mg/dl High : >160mg/dl
VLDL Cholesterol [ Calculated ]	9.46	mg/dL	Desirable : <26 mg/dl Borderline : >30 mg/dl
Total Chol / HDL Chol Ratio [ Calculated ]	4.06	mg/dL	Desirable : <5 %
LDL / HDL Ratio [ Calculated ]	2.79		1.00 - 3.55
NON-HDL CHOLESTEROL [ Calculated ]	107.50	mg/dL	Desirable : <130 mg/dl Borderline : 160 - 189 mg/dl High : >220 mg/dl

**Technique:** Fully Automated Biochemistry Analyser ERBA EM-200.

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**BLOOD GROUP**

Sample Type : EDTA / Whole Blood

ABO Grouping

"AB"

Rh Grouping

POSITIVE

**Note:**

These report is for information purpose only. Blood group needs to be reconfirmed at the time of cross matching for blood transfusion.

\*\*END OF REPORT\*\*



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**POST PRANDIAL BLOOD SUGAR**

Sample Type : Flouride PP

Post Prandial Blood Sugar [ GOD - POD ]	118.10	mg/dl	110-180
--------------------------------------------	--------	-------	---------

Technique :- Done On Fully Automated Biochemistry Analyser ERBA EM-200

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Test Description	Results	Units	Biological Reference Range
<b><u>FASTING BLOOD SUGAR</u></b>			
Sample Type : Flouride R			
Fasting Blood Sugar [ GOD - POD ]	98.50	mg/dl	Normal : 70 - 99 mg/dl impaired Tolerance : 100 - 125mg/dl Diabetes Mellitus : >126 mg/dl
Technique :-	Fully Automated Biochemistry Analyser ERBA EM-200		

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**ULTRASENSITIVE THYROID STIMULATING HORMONE (TSH)**

Sample Type : Serum

<b>Ultrasensitive Thyroid Stimulative Hormone (TSH)</b> [ CLIA ]	0.58	μIU/mL	0.3 - 4.5 1st trimester - 0.1 - 2.5μIU/mL 2nd trimester - 0.2 - 3μIU/mL 3rd trimester - 0.3 - 3μIU/mL
---------------------------------------------------------------------	------	--------	----------------------------------------------------------------------------------------------------------------

**Clinical Significance :-**

1. Serum TSH concentrations exhibit a diurnal variation with the peak occurring during the night.
2. Useful for: Screening for thyroid dysfunction and detecting mild (subclinical), as well as overt, primary hypo- or hyperthyroidism in ambulatory patients.
3. Monitoring patients on thyroid replacement therapy.
4. Confirmation of thyroid-stimulating hormone (TSH) suppression in thyroid cancer patients on thyroxine suppression therapy.
5. Prediction of thyrotropin-releasing hormone-stimulated TSH response.

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\*\*END OF REPORT\*\*



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