

Patient Name : **MR. BHUPENDRA SAHU**  
Patient ID : 54618  
Age / Sex : 41 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 88301

Collected : Oct 14, 2023, 11:35 a.m.  
Reported : Oct 14, 2023, 04:22 p.m.  
Sample ID :



Test Description	Results	Units	Biological Reference Range
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**ULTRASENSITIVE THYROID STIMULATING HORMONE (TSH)**

Sample Type : Serum

<b>Ultrasensitive Thyroid Stimulative Hormone (TSH)</b> [ CLIA ]	0.72	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
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**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.

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



**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

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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 ]	99.1	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		

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



**Dr. Sudhamani S. MD**  
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**POST PRANDIAL BLOOD SUGAR**

Sample Type : Flouride PP

Post Prandial Blood Sugar [ GOD - POD ]	119.7	mg/dl	110-180
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Technique :- Done On Fully Automated Biochemistry Analyser ERBA EM-200

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

**Dr. Sudhamani S. MD**  
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**BLOOD GROUP**

Sample Type : EDTA / Whole Blood

ABO Grouping

"O"

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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**LIPID PROFILE**

Sample Type : Serum

TOTAL CHOLESTEROL

**215.4**

mg/dL

Desirable : &lt;200 mg/dl

[ CHOD-PAP ]

Borderline : 200 - 239mg/dl

High : &gt;240 mg/dl

TRIGLYCERIDES

131.2

mg/dL

Desirable : &lt;150 mg/dl

[ Glycerol Phosphate Oxidase ]

Borderline : 150 - 199mg/dl

High : &gt;200mg/dl

HDL CHOLESTEROL [ Direct ]

40

mg/dL

Desirable : &gt;40 mg/dl

Borderline Risk : 35 mg/dl

High Risk : &lt;30 mg/dl

LDL CHOLESTEROL [ Calculated ]

**149.16**

mg/dL

Desirable : &lt;100 mg/dl

Borderline : 130 - 160mg/dl

High : &gt;160mg/dl

VLDL Cholesterol

26.24

mg/dL

Desirable : &lt;26 mg/dl

[ Calculated ]

Borderline : &gt;30 mg/dl

Total Chol / HDL Chol Ratio

**5.38**

mg/dL

Desirable : &lt;5 %

[ Calculated ]

LDL / HDL Ratio

**3.73**

1.00 - 3.55

[ Calculated ]

NON-HDL CHOLESTEROL

**175.40**

mg/dL

Desirable : &lt;130 mg/dl

[ Calculated ]

Borderline : 160 - 189 mg/dl

High : &gt;220 mg/dl

**Technique:**

Fully Automated Biochemistry Analyser ERBA EM-200.

\*\*END OF REPORT\*\*

**Dr. Sudhamani S. MD**  
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Test Description	Results	Units	Biological Reference Range
<b><u>GLYCOCYLATED HAEMOGLOBIN</u></b>			
Sample Type : EDTA / Whole Blood			
Glycocyalted Haemoglobin (HbA1c) [ Tosoh HPLC ]	5.8	%	<5.7%NON DIABETIC 5.7-6.4% PRE-DIABETIC >6.5% DIABETIC <7.0% GOAL FOR DIABETIC ON TREATMENT
MEAN BLOOD GLUCOSE	119.76	mg/dL	116.89 - 154.2

\*\*END OF REPORT\*\*



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**URINE ANALYSE REPORT**

Sample Type : Urine

**PHYSICAL EXAMINATION**

COLOUR	Pale Yellow		
APPEARANCE	<b>Slightly Hazy</b>		
REACTION (PH)	6.0		4.8 - 7.6
SPECIFIC GRAVITY	1.010		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	<b>2-4</b>
RBCs/hpf	Absent
EPI.CELLS/hpf	<b>2-4</b>
CASTS	Absent
CRYSTALS	Absent
BACTERIA	Absent
Other	Absent

\*\*END OF REPORT\*\*



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**LIVER FUNCTION TEST**

Sample Type : Serum

TOTAL BILIRUBIN [ DIAZO ]	0.38	mg/dl	0.3-1.3 mg/dl
BILIRUBIN-DIRECT [ DIAZO ]	<b>0.09</b>	mg/dl	0.1-0.4 mg/dl
BILLIRUBIN-INDIRECT [ CALCULATED ]	0.29	mg/dl	0.1-0.9 mg/dl
S.G.O.T. (AST) [ IFCC without Pyridoxal Phosphate ]	20.9	IU/L	5-40 IU/L
S.G.P.T.(ALT) [ IFCC without Pyridoxal Phosphate ]	24.1	IU/L	5-40 IU/L
ALKALINE PHOSPHATASE [ Amino Methyl Propanol (AMP) ]	106	IU/L	44-147 IU/L
TOTAL PROTEINS [ BIURET ]	6.83	IU/L	6.0 - 8.5g/dL
ALBUMIN [ BROMO CRESOL GREEN (BCG) ]	4.09	g/dl	3.5-5.0 g/dl
GLOBULIN [ CALCULATED ]	2.74	gm%	2.3-3.5 gm%
ALBUMIN/GLOBULIN RATIO [ CALCULATED ]	1.49		
GAMMA GT	20	U/L	0 - 45

Technique : Fully Automated Biochemistry Analyser ERBA EM-200

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

**Dr. Sudhamani S. MD**  
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**SR. URIC ACID**

Sample Type : Serum

<b>Uric Acid</b> [ Uricase - POD ]	6.7	mg/dl	3.6 - 7.7
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Technique :- Done On Fully Automated Biochemistry Analyser ERBA EM-200.

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

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**CREATININE**

Sample Type : Serum

**Creatinine**

0.92

mg/dl

0.40 - 1.40

[ Enzymatic ]

Formula

Technique :-

Done On Fully Automated Biochemistry Analyser ERBA EM-200

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

**Dr. Sudhamani S. MD**  
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**BLOOD UREA LEVEL ( BUL )**

Sample Type : Serum

<b>Urea</b>	38.3	mg/dl	10 - 40
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[ Urease - GLDH ]

<b>Bun</b>	17.89	mg/dl	6 - 21
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[ Calculated ]

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

\*\*END OF REPORT\*\*

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**COMPLETE BLOOD COUNT**

Sample Type : EDTA / Whole Blood

Hemoglobin	14.5	g/dl	13.0 - 17.0
RBC COUNT	4.93	Millions/c	4.5 - 5.5
PCV(Hematocrit)	45	%	40.0 - 50.0
Mean Cell Volume(MCV) [ calculated ]	91.4	fl	80.0 - 100.0
Mean Cell Hemoglobin(MCH) [ calculated ]	29.3	pg	27.0 - 33.0
Mean Cell Hb Conc(MCHC) [ calculated ]	32.1	g/dl	32 - 36
RDW	13.9	%	11.50 - 14.50
Total Leucocytes (WBC) Count	8860	/cumm	4000-11000

**DIFFERENTIAL COUNT**

Neutrophils	58.5	%	40 - 70
Lymphocytes	33.3	%	20 - 50
Eosionphils	2.8	%	01 - 06
Monocytes	5	%	00 - 08
Basophils [ calculated ]	0.4	%	00-01

**SMEAR STUDY**

RBC Morphology	Normocytic Normocromic.		
WBC Morphology	No E/o Toxic granules seen		
Platelets On Smear	Adequate on Smear		
Platelet Count	369000	/cumm	150000 - 450000
MPV	9.1	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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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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**TOTAL THYROXINE ( T4 )**

Sample Type : Serum

Total Thyroxine ( T4 ) [ CLIA ]	62.52	ng/ml	52 - 127
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**\*\*END OF REPORT\*\***



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**TOTAL TRIIODOTHYRONINE (T3)**

Sample Type : Serum

TotalTriiodothyronine (T3) [ CLIA ]	1.20	ng/dL	0.69 - 2.15
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**\*\*END OF REPORT\*\***

**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

**ECHO Report**

**Date: 14/010/2023**

**Patient Details**

**Patient ID –**

**Name- MR BHUPENDRA SAHU**  
**Age- 41 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)	- 47.00	LVID (Systole) 24-42(mm)	- 30.00
IVS (Diastole) 8-12(mm)	- 09.00	IVS (Systole) 14-42(mm)	- 13.00
LVPWT (Diastole) 6-11(mm)	- 09.00	EPSS	- 3.00
LVEF (%)	- 67%	LVFS (%)	- 36.00

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)	- 27.00
Left Atrium Length (mm)	- 32.00
Left Atrium Volume (mm <sup>3</sup> )	
RV size	Normal
RV volume (mm <sup>3</sup> )	
Pericardium	Normal
Effusion	None
Resp Variation	Present
Predicted RV Systolic Pressure	

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

IVC Size (mm) – 13mm Collapsible

**Doppler Findings- I**



**Dr. Mahesh Padsalge**

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

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



Date - 14/10/23

Mr. Bhupendra Sahu  
Age - 41/M

14/10/23

ophth

	(R)	(L)
VA	6/C	6/6
	N/6	N/6
Antiseq	(A)	(A)
(F)	(A)	(A)
	(B) WNZ	
	by	



Bhupendra sahu  
ID: bp

14 10 2023 9:57:13  
DIABECARE-DIABETES & ENDOCRINE  
OPP. GRAND CENTRAL MALL  
SEAWOOD

Male

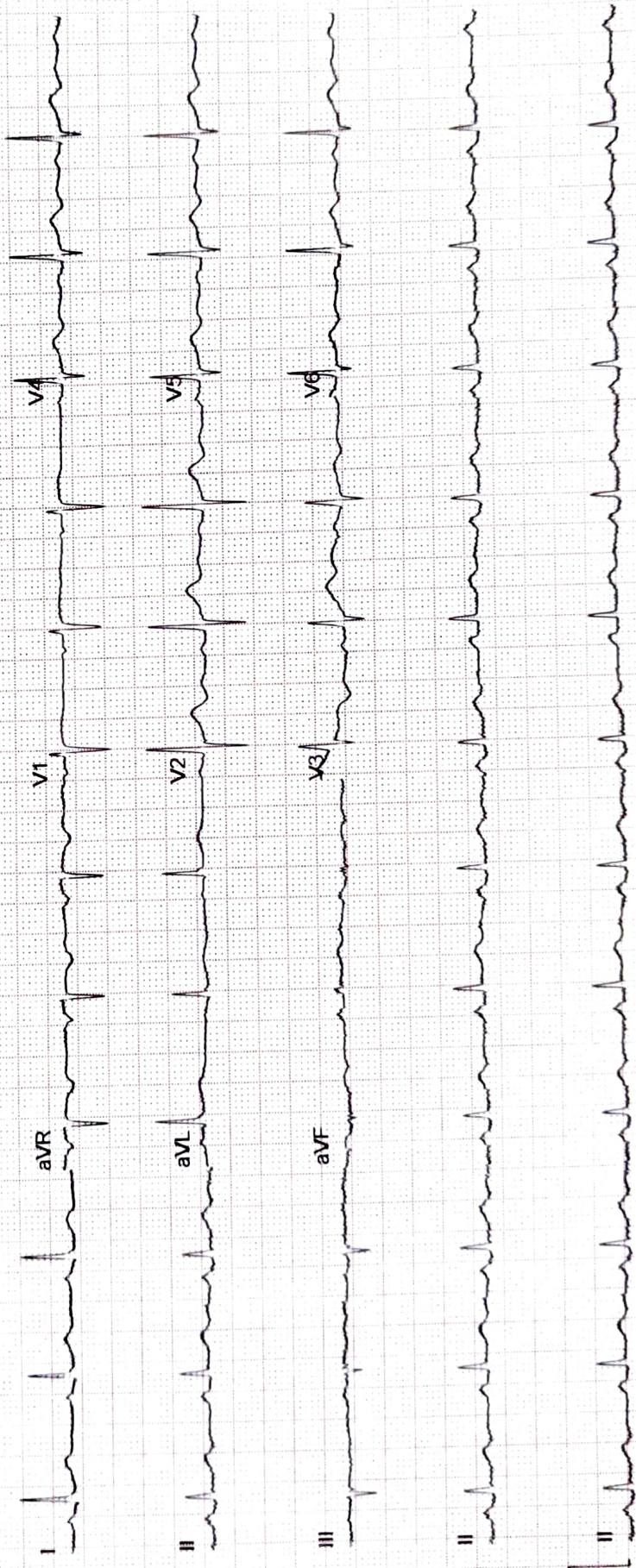
QRS : 70 ms  
QT / QTcBaz : 356 / 395 ms  
PR : 162 ms  
P : 88 ms  
RR / PP : 806 / 810 ms  
P / QRS / T : 47 / 3 / 27 degrees

Normal sinus rhythm  
Normal ECG

74 bpm  
-- / -- mmHg

*eg wiper*  
*normal*  
*15 min*  
*OK*

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



NAME- BHUPENDRA SAHU

DATE- 14/10/2023

AGE- 41/M

**X-RAY CHEST PA**

The Soft Tissues And Bony Thorax Are Normal.

Both The Costophrenic And Cardiophrenic Angles Are Clear.

Cardiac Shape And Size Appears Normal.

The Lung Field 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.**

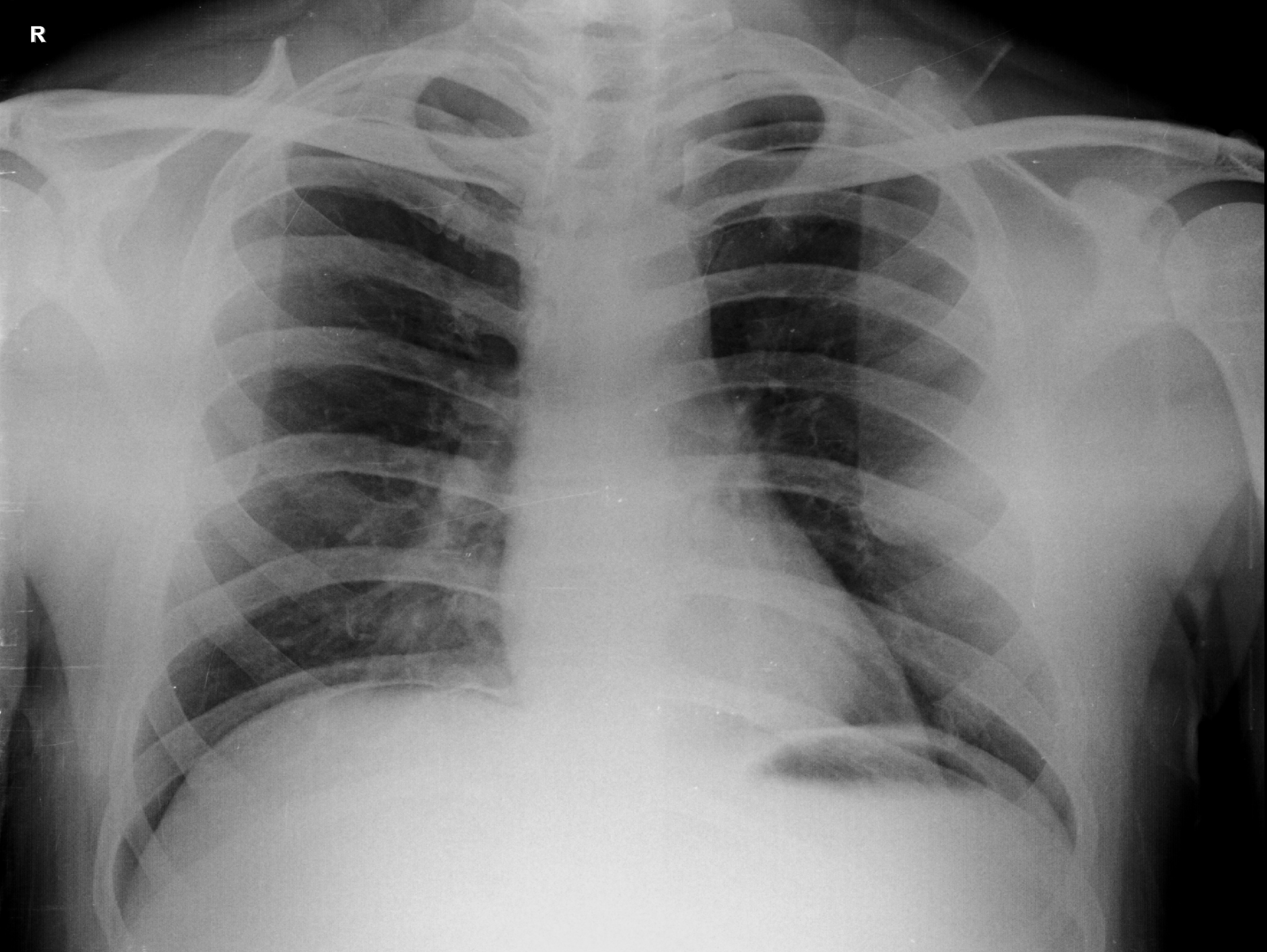
*For. Inas*

**DR.MRUDULA BABAR**  
**CONSULTANT RADIOLOGIST**

**DR. MRUDULA BABAR**  
MBBS, MD, DMRE (RADIOLOGY)  
CPS MUMBAI 2009  
REG. NO. 2005/03/2139



R



**BHUPENDRA SAHU 41YR      M      10/14/2023 10:19 AM**  
**OLIVE DIAGNOSTIC, SEAWOOD SEC 40**