



Name : Mrs. POOJA CHARAN AHUJA  
Lab ID. : 224074  
Age/Sex : 34Years / Female  
Ref By : COMPANY PACKAGE-JINKUSHAL  
Consulting Dr. : DR. MAYUR JAIN

Collected On : 19/2/2025 7:59 pm  
Received On : 19/2/2025 8:09 pm  
Reported On : 19/2/2025 9:24 pm  
Report Status : FINAL

**\*LIPID PROFILE**

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
<b>TOTAL CHOLESTEROL (CHOLESTEROL OXIDASE, ESTERASE, PEROXIDASE)</b>	171.0	mg/dL	Desirable blood cholesterol: - <200 mg/dl. Borderline high blood cholesterol: - 200 - 239 mg/dl. High blood cholesterol: - >239 mg/dl.
<b>S.HDL CHOLESTEROL (DIRECT MEASURE - PEG)</b>	<b>37.0</b>	mg/dL	Major risk factor for heart : <30 mg/dl. Negative risk factor for heart disease : >=80 mg/dl.
<b>S. TRIGLYCERIDE (ENZYMATIC, END POINT)</b>	120.0	mg/dL	Desirable level : <161 mg/dl. High : >= 161 - 199 mg/dl. Borderline High : 200 - 499 mg/dl. Very high : >499mg/dl.
<b>VLDL CHOLESTEROL (CALCULATED VALUE)</b>	24	mg/dL	UPTO 40
<b>S.LDL CHOLESTEROL (CALCULATED VALUE)</b>	110	mg/dL	Optimal: <100 mg/dl. Near Optimal: 100 - 129 mg/dl. Borderline High: 130 - 159 mg/dl. High : 160 - 189mg/dl. Very high : >= 190 mg/dl.
<b>LDL CHOL/HDL RATIO (CALCULATED VALUE)</b>	2.97		UPTO 3.5
<b>CHOL/HDL CHOL RATIO (CALCULATED VALUE)</b>	4.62		<5.0

Above reference ranges are as per **ADULT TREATMENT PANEL III** recommendation by **NCEP (May 2015)**.

Result relates to sample tested, Kindly correlate with clinical findings.

----- END OF REPORT -----

Checked By  
SHAISTA Q

**DR. SMITA RANVEER.**  
**M.B.B.S.M.D. Pathology(Mum)**  
**Consultant Histocytopathologist**  
**Regd.No.: 3401/09/2007**





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**COMPLETE BLOOD COUNT**

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
<b>HEMOGLOBIN</b>	12.4	gm/dl	12.0 - 15.0
HEMATOCRIT (PCV)	38.2	%	36 - 46
RBC COUNT	<b>6.73</b>	x10 <sup>6</sup> /uL	4.5 - 5.5
MCV	<b>57</b>	fl	80 - 96
MCH	<b>18.4</b>	pg	27 - 33
MCHC	<b>32</b>	g/dl	33 - 36
RDW-CV	<b>17.4</b>	%	11.5 - 14.5
<b>TOTAL LEUCOCYTE COUNT</b>	8940	/cumm	4000 - 11000
<b><u>DIFFERENTIAL COUNT</u></b>			
NEUTROPHILS	68	%	40 - 80
LYMPHOCYTES	25	%	20 - 40
EOSINOPHILS	02	%	0 - 6
MONOCYTES	05	%	2 - 10
BASOPHILS	00	%	0 - 1
<b>PLATELET COUNT</b>	265000	/cumm	150 to 410
MPV	<b>11.8</b>	fl	6.5 - 11.5
PDW	15.7	%	9.0 - 17.0
PCT	0.310	%	0.200 - 0.500
RBC MORPHOLOGY	Microcytosis(+)		
WBC MORPHOLOGY	Normal		
PLATELETS ON SMEAR	Adequate		

Method : EDTA Whole Blood- Tests done on Automated Six Part Cell Counter.RBC and Platelet count by Electric Impedance ,WBC by SF Cube method and Differential by flow cytometry . Hemoglobin by Cyanide free reagent for hemoglobin test (Colorimetric Method).Rest are calculated parameters.

**Result relates to sample tested, Kindly correlate with clinical findings.**

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**\*RENAL FUNCTION TEST**

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
<b>BLOOD UREA</b> (Urease UV GLDH Kinetic)	17.9	mg/dL	13 - 40
<b>BLOOD UREA NITROGEN</b> (Calculated)	8.36	mg/dL	5 - 20
<b>S. CREATININE</b> (Enzymatic)	0.60	mg/dL	0.6 - 1.4
<b>S. URIC ACID</b> (Uricase)	4.8	mg/dL	2.6 - 6.0
<b>S. SODIUM</b> (ISE Direct Method)	138.8	mEq/L	137 - 145
<b>S. POTASSIUM</b> (ISE Direct Method)	4.61	mEq/L	3.5 - 5.1
<b>S. CHLORIDE</b> (ISE Direct Method)	100.3	mEq/L	98 - 110
<b>S. PHOSPHORUS</b> (Ammonium Molybdate)	3.95	mg/dL	2.5 - 4.5
<b>S. CALCIUM</b> (Arsenazo III)	9.1	mg/dL	8.6 - 10.2
<b>PROTEIN</b> (Biuret)	7.11	g/dl	6.4 - 8.3
<b>S. ALBUMIN</b> (BGC)	4.07	g/dl	3.2 - 4.6
<b>S.GLOBULIN</b> (Calculated)	3.04	g/dl	1.9 - 3.5
<b>A/G RATIO</b> calculated	1.34		0 - 2

BIOCHEMISTRY TEST DONE ON FULLY AUTOMATED ( EM 200) ANALYZER.

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**LIVER FUNCTION TEST**

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
<b>TOTAL BILLIRUBIN</b> (Method-Diazo)	0.65	mg/dL	0.2 - 1.2
<b>DIRECT BILLIRUBIN</b> (Method-Diazo)	0.28	mg/dL	0.0 - 0.4
<b>INDIRECT BILLIRUBIN</b> Calculated	0.37	mg/dL	0 - 0.8
<b>SGOT(AST)</b> (UV without PSP)	18.0	U/L	0 - 37
<b>SGPT(ALT)</b> UV Kinetic Without PLP (P-L-P)	17.1	U/L	UP to 40
<b>ALKALINE PHOSPHATASE</b> (Method-ALP-AMP)	58.0	U/L	42 - 98
<b>S. PROTIEN</b> (Method-Biuret)	7.11	g/dl	6.4 - 8.3
<b>S. ALBUMIN</b> (Method-BCG)	4.07	g/dl	3.5 - 5.2
<b>S. GLOBULIN</b> Calculated	3.04	g/dl	1.90 - 3.50
<b>A/G RATIO</b> Calculated	1.34		0 - 2

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**BIOCHEMISTRY**

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
<b><u>GLYCOCELATED HEMOGLOBIN (HBA1C)</u></b>			
<b>HBA1C (GLYCOSALATED HAEMOGLOBIN)</b>	5.6	%	Hb A1c > 8 Action suggested < 7 Goal < 6 Non - diabetic level
AVERAGE BLOOD GLUCOSE (A. B. G. )	114.0	mg/dL	65.1 - 136.3
METHOD	Particle Enhanced Immunoturbidimetry		
HbA1c : Glycosylated hemoglobin concentration is dependent on the average blood glucose concentration which is formed progressively and irreversibly over a period of time and is stable till the life of the RBC/erythrocytes.Average Blood Glucose (A.B.G) is calculated value from HbA1c : Glycosylated hemoglobin concentration in whole Blood.It indicates average blood sugar level over past three months.			
<b><u>BLOOD GLUCOSE FASTING &amp; PP</u></b>			
BLOOD GLUCOSE FASTING	83.3	mg/dL	70 - 110
URINE GLUCOSE FASTING	Absent		
URINE KETONE FASTING	Absent		
BLOOD GLUCOSE PP	110.9	mg/dL	70 - 140
URINE GLUCOSE PP	Absent		
URINE KETONE PP	Absent		
Method (GOD-POD). DONE ON FULLY AUTOMATED ANALYSER (EM200).			
1. Fasting is required (Except for water ) for 8-10 hours before collection for fasting speciman. Last dinner should consist of bland diet.			
2. Don't take insulin or oral hypoglycemic agent until after fasting blood sample has been drawn			

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**BIOCHEMISTRY**

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
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**INTERPRETATION**

- Normal glucose tolerance : 70-110 mg/dl
- Impaired Fasting glucose (IFG) : 110-125 mg/dl
- Diabetes mellitus :  $\geq 126$  mg/dl

**POSTPRANDIAL/POST GLUCOSE (75 grams)**

- Normal glucose tolerance : 70-139 mg/dl
- Impaired glucose tolerance : 140-199 mg/dl
- Diabetes mellitus :  $\geq 200$  mg/dl

**CRITERIA FOR DIAGNOSIS OF DIABETES MELLITUS**

- Fasting plasma glucose  $\geq 126$  mg/dl
- Classical symptoms + Random plasma glucose  $\geq 200$  mg/dl
- Plasma glucose  $\geq 200$  mg/dl (2 hrs after 75 grams of glucose)
- Glycosylated haemoglobin  $> 6.5\%$

\*\*\*Any positive criteria should be tested on subsequent day with same or other criteria.

**Result relates to sample tested, Kindly correlate with clinical findings.**

----- END OF REPORT -----

Checked By  
SHAISTA Q

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**IMMUNO ASSAY**

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
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**TFT (THYROID FUNCTION TEST )**

SPECIMEN	Serum		
T3	150.0	ng/dl	84.63 - 201.8
T4	8.88	µg/dl	5.13 - 14.06
TSH	2.49	µIU/ml	0.270 - 4.20

DONE ON FULLY AUTOMATED ANALYSER MAGLUMI SNIBE X3

T3 (Triiodo Thyronine)		T4 (Thyroxine)	
AGE	RANGE	AGE	RANGES
1-30 days	100-740	1-14 Days	11.8-22.6
1-11 months	105-245	1-2 weeks	9.9-16.6
1-5 years	105-269	1-4 months	7.2-14.4
6-10 years	94-241	4-12months	7.8-16.5
11-15 years	82-213	1-5 years	7.3-15.0
15-20 years	80-210	5-10 years	6.4-13.3
		11-15 years	5.6-11.7

TSH(Thyroid stimulating hormone)

AGE	RANGES
0-14 Days	1.0-39
2 weeks -5 months	1.7-9.1
6 months-20 years	0.7-6.4
Pregnancy	
1st Trimester	0.1-2.5
2nd Trimester	0.20-3.0
3rd Trimester	0.30-3.0

**INTERPRETATION :**

TSH stimulates the production and secretion of the metabolically active thyroid hormones, thyroxine (T4) and triiodothyronine (T3), by interacting with a specific receptor on the thyroid cell surface. The synthesis and secretion of TSH is stimulated by Thyrotropin releasing hormone (TRH), in response to low levels of circulating thyroid hormones. Elevated levels of T3 and T4 suppress the production of TSH via a classic negative feedback mechanism. Failure at any level of regulation of the hypothalamic-pituitary-thyroid axis will result in either underproduction (hypothyroidism) or overproduction (hyperthyroidism) of T4 and/or T3.

**Result relates to sample tested, Kindly correlate with clinical findings.**

----- END OF REPORT -----

**Checked By**  
SHAISTA Q

**Dr.K.B. MITHILA**  
M.D.PATHOLOGY  
REG NO:- 2016104415





\* 2 2 4 0 7 4 \*

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**HAEMATOLOGY**

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
<b>ESR</b>			
<b>ESR</b>	15	mm/1hr.	0 - 20

METHOD - WESTERGREIN

Result relates to sample tested, Kindly correlate with clinical findings.

----- END OF REPORT -----

Checked By  
Rajashri\_Dumbre

**Dr.K.B. MITHILA**  
M.D.PATHOLOGY  
REG NO:- 2016104415





## 2D ECHOCARDIOGRAPHY & COLOR DOPPLER REPORT

<b>NAME</b>	<b>MRS POOJA AHUJA</b>
<b>DATE</b>	19/2/2025
<b>REF BY</b>	HEALTH CHECK UP
<b>DONE BY</b>	<b>DR MAYUR JAIN (9867280303/ 9222888070)</b>

### 2D

- All cardiac chambers are normal in size.
- Concentric left ventricular hypertrophy.
- No regional wall motion abnormality.
- Normal LV systolic function. LVEF is approximately 70% visually.
- Normal RV systolic function.
- All valves are normal in structure.
- IAS and IVS are intact.
- Aortic arch normal.
- No e/o clot/ vegetation/ effusion.

### M-MODE

<b>LVIDd</b>	44	mm	<b>Ao</b>	26	mm
<b>LVIDs</b>	27	mm	<b>LA</b>	30	mm
<b>EDV</b>	90	ml			
<b>ESV</b>	28	ml			
<b>EF</b>	69	%			
<b>IVS(d)</b>	12	mm			
<b>PW(d)</b>	11	mm			

## COLOR DOPPLER

- No stenotic or regurgitant lesion at any valve
- No significant gradient across aortic valve.
- Grade I LV diastolic dysfunction.
- No significant pulmonary hypertension.

## IMPRESSION

- Concentric left ventricular hypertrophy.
- Grade I LV diastolic dysfunction.
- Good LV systolic function.

Many thanks for reference



**Dr, Mayur N Jain**  
**MD DM cardiology- gold medalist**  
**FACC, FSCAI, ICOB- USA; AFESC - UK**  
**Consultant interventional cardiologist**

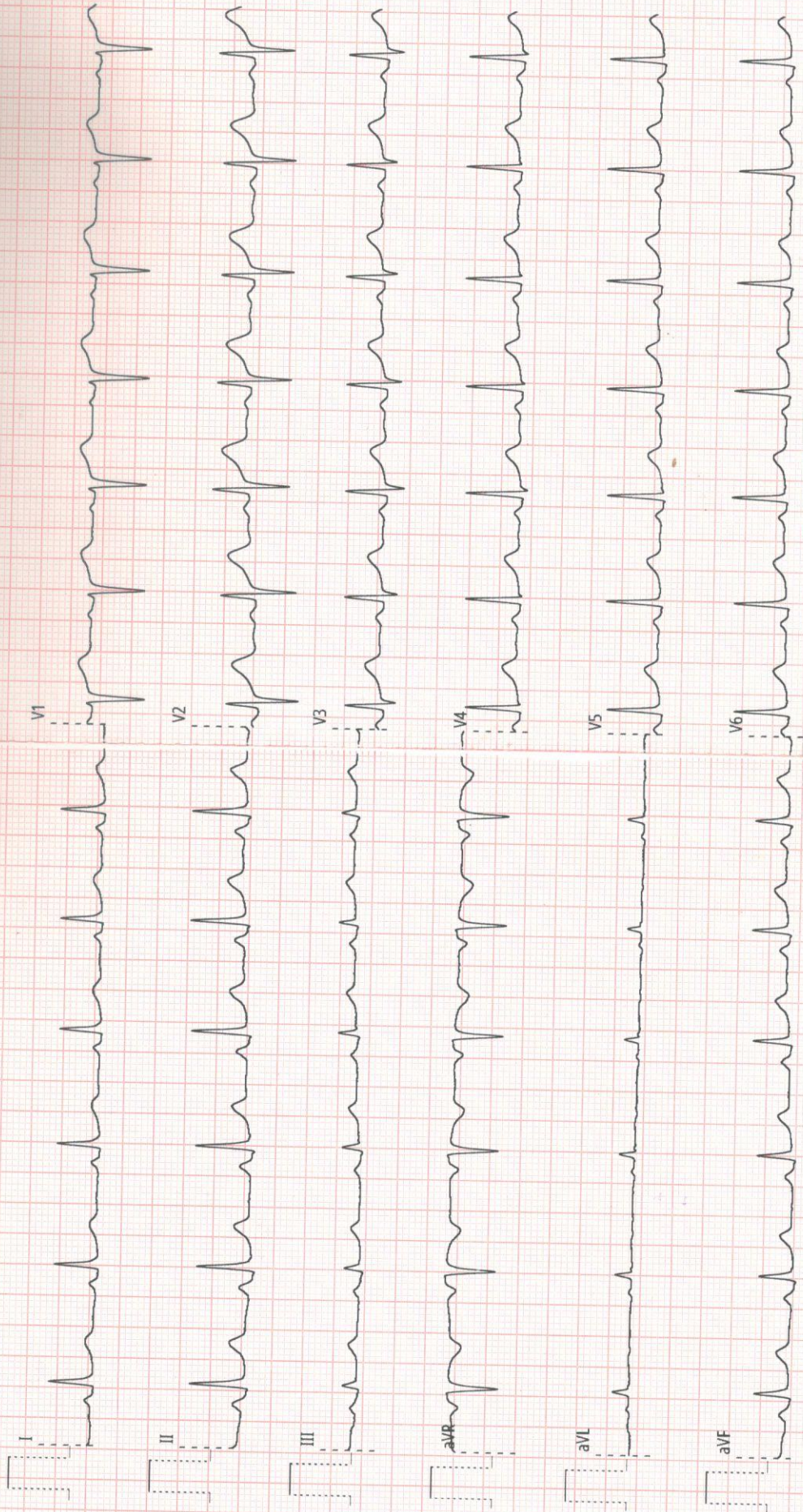
# ECG report

<< Interpretations >>  
Sinus rhythm  
Normal ECG

HR : 83 bpm  
PR : 142 ms  
QRS : 82 ms  
QT/QTc : 380/420 ms  
P/QRS/T : 57/44/60°  
RV5/SV1 : 0.894/0.846 mv  
RV5+SV1 : 1.740 mv

ID : 20250219100931  
Name : ahuja.pooja  
Gender : F  
Age : 34 Years  
Dept :  
Bed No.:

Confirm and sign:



NAME : MRS. POOJA AHUJA	AGE : 34YRS / FEMALE
REF. BY : HEALTH CHECKUP	DATE : 26.02.2025

**FULL ABDOMEN USG**

**LIVER:** Normal in size and shows homogenous echotexture. No focal lesion is seen. Hepatic vasculature appears normal. No evidence of intrahepatic biliary radical dilatation seen.

**PORTAL VEIN / SPLENIC VEIN:** is normal in caliber.

**GALL BLADDER:** Is well distended. No calculi/wall thickening / sludge.

**SPLEEN:** Is normal in size, shape, position and shows normal homogeneous echotexture. No focal lesion seen.

**PANCREAS:** Is normal in size and shows normal homogeneous echotexture. No focal lesion is seen. Pancreatic duct is normal in caliber.

**KIDNEYS:** Right kidney: 8.7 x 4.2 cm      Left kidney: 11.6 x 5.2 cm  
Both kidneys are normal in size, shape, position, and echotexture. Both kidneys show normal cortico-medullary differentiation. No calculi or HN/HU seen.

**URINARY BLADDER:** Is well distended and appears normal. No SOL /wall thickening.

**UTERUS:** Is normal in size 6.5 x 4.6 x 5.1 cm anteverted and shows normal echotexture. Central Endometrial eco-complex measures 10.1 mm. Cervix appears normal.

**OVARIES:** Bilateral adnexa are clear.

**PERITONEAL CAVITY:** No ascites or enlarged lymph nodes.

**OPINION:**

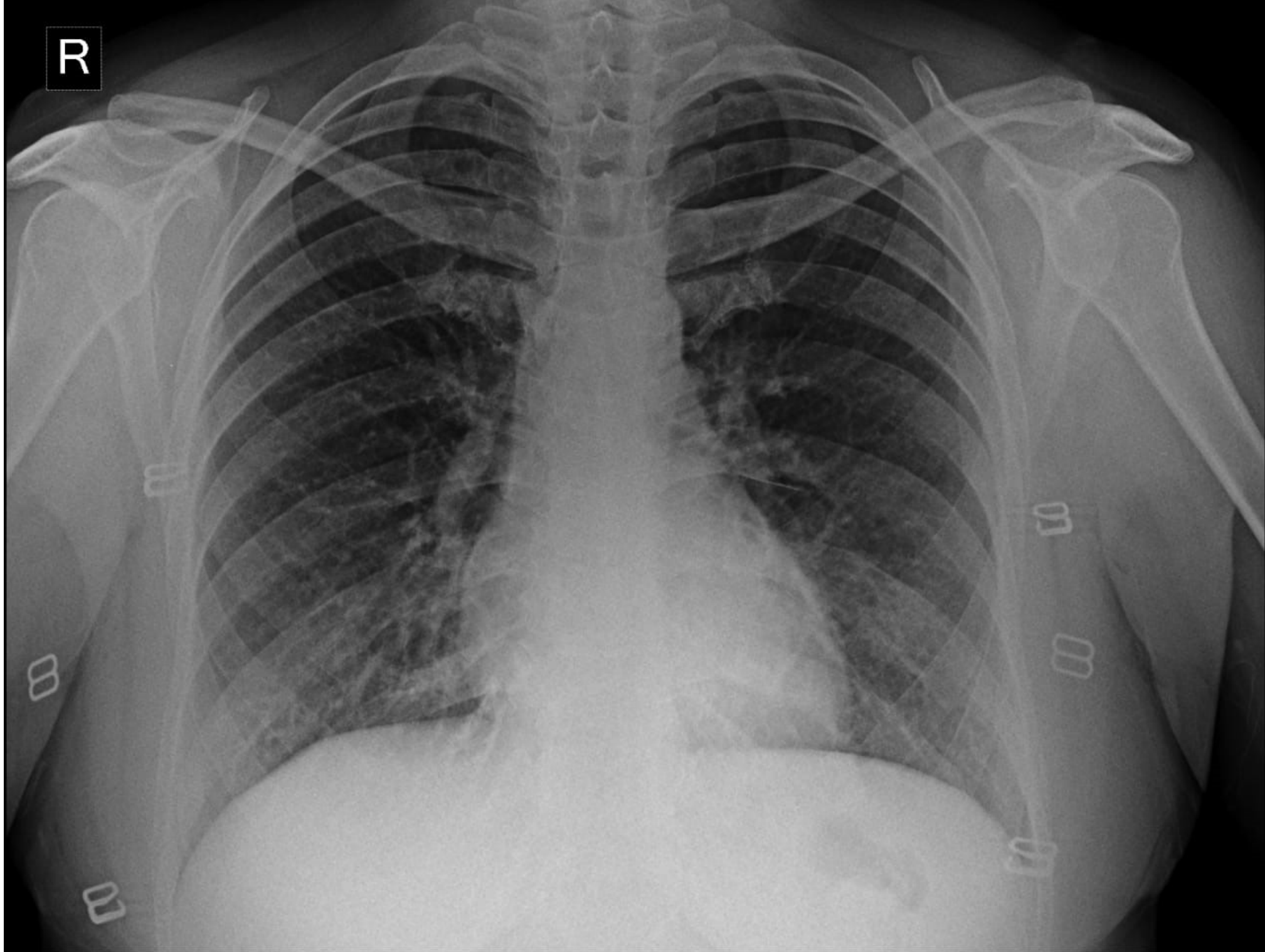
- NO SIGNIFICANT ABNORMALITY IS DETECTED.

*Dr. Devendra Patil*

**DR. DEVENDRA PATIL (MD Radiology)**  
**CONSULTANT RADIOLOGIST**

Please co-relate the findings with clinical examination, history & blood investigations.

R



MRS. POOJA CHARAN AHUJA. 34YRS. 19FEB25HP2 F CHEST,PA 19-Feb-25  
SEFRA DIGITAL X-RAY. JINKUSHAL CARDIAC CARE HOSPITAL, THANE

# SEFRA DIGITAL X-RAY

JINKUSHAL HOSPITAL, Rosa Vista, Opp. Suraj Water Park, Waghbill, G.B. Road, Thane (W)  
Mob.: 7678031047 / 9833520607 | Time : 9 am. to 9 pm. | SUNDAY ON CALL)

PORTABLE X-RAY AVAILABLE

PATIENT NAME : MRS. POOJA CHARAN AHUJA	AGE / SEX 34 YRS / F
REF BY DR: JINKUSHAL HOSPITAL	DATE : 19/02/2025

## X-ray Chest PA

Bilateral lung fields appear clear. No obvious pleural/parenchymal lesion noted.

Bilateral hila are normal.

Both costo-phrenic and cardio-phrenic angles appear clear.

Cardiac silhouette is within normal limits.

Both domes of diaphragm appear normal.

Bony thoracic cage & soft tissues appear normal.

**Impression: No significant abnormality detected.**

Suggest Clinical correlation and further evaluation.

Thanks for referral

*Dr. Patil*

**Dr. Devendra Patil**  
**MD Radiology**

Disclaimer: report is done by teleradiology after the images acquired by PACS ( picture archiving and communication system) and this report is not meant for medicolegal purpose Investigations have their limitations. Solitary pathological/Radiological and other investigations never confirm the final diagnosis. They only help in diagnosing the disease in correlation to clinical symptoms and other related tests. Please interpret accordingly. Patient's identification in online reporting is not established, so in no way patient identification is possible for medico-legal cases.

Mrs. Pooja Chavan Ahuja

341F

HTN ⊕

No DM / IHD.

Go - burping after food.

No heart / cough / wt ↓  
No chest pain / palpitations / SOB

OK PR 94/min

BP 110/70 mmHg

SpO2 99% on R

CXR - 5/15/20

M - BI BS clear.

CMV - cardiomegaly, obscured.

no effusion at 4 levels.

PA - soft, no hilar ⊕

Relv

esp. Velozin 20mg 1 tab  
30 min before food.

sup. sparcid 16ml

1-1-1

⊕

CA

26/02/2015

WT = 69 kg

19/2/15

Hb = 12.4, TCC = 8940

PT = 265, LFT = 0.60

Na<sup>+</sup> = 138.8, K<sup>+</sup> = 4.67

Ca<sup>2+</sup> = 9.1, pCO<sub>2</sub> = 7.

PTb = 8.07

LFT = WME -

HbA1c = 5.6.

HDL = 37.

TSH = 2.49.

ESR = 15.

19/2/15: 2AC = 140

EF = 70%.