



S.V. SCIENTIFIC PATHOLOGY

DR. SHIKHA VYAS
D.C.P. (PATH.)
R.NO. 52957/ 17.08.2006

Bal. 3080

A ISO 9001: 2015 Certified Lab

Date	26/02/2022	Srl No.	164	Sex	F
Name	MRS. RASHMI	Age	40 Yrs.	OUT SIDE SAMPLE	
Ref. By	BANK OF BARODA				

Investigation Name	Result Value	Unit	Biomedical Ref Range
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HAEMATOLOGY - TEST REPORT

C.B.C

HAEMOGLOBIN (HB)	11.8	gm/dl	11.5 - 16.0
TOTAL LEUCOCYTIC COUNT (TLC)	10,500	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	65	%	40 - 80
LYMPHOCYTE	24	%	20 - 40
EOSINOPHIL	06	%	1 - 6
MONOCYTE	05	%	2 - 10
BASOPHIL	00	%	1 - 2
R B C	4.05	millions/cmm	3.8 - 4.8
P.C.V / HAEMATOCRIT	31.8	%	36.0 - 46.0
M C V	78.5	fl.	82.0 - 101.0
M C H	29.1	picogram	27.0 - 32.0
M C H C	37.1	gm/dl	31.5 - 34.5
PLATELET COUNT	280	$\times 10^9/\mu\text{L}$	150 - 450
MEAN PLATELET VOLUME	9.60	fl	7.5 - 11.5
RDW-CV	15.3	%	11.5 - 14.5
ERYTHROCYTE SED.RATE(WGN) Automated Mini ESR	41	mm/1st hr.	0.00 - 20.0
BLOOD GROUP ABO	" AB "		
RH TYPING	POSITIVE		

The upper agglutination test for grouping has some limitations.
For further confirmation Reverse typing card (Dia clon ABO / D) Method is suggested.

HbA1C (GLYCOSYLATED Hb)	5.40	%
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Contd...2



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METHOD : HIGH PERFORMANCE LIQUID CHROMATOGRAPHY. (HPLC)
(BIO-RAD DIASTAT)

EXPECTED VALUES :-

Metabolically healthy patients =	4.8 - 6.0 % HbA1c
Good Control =	5.5 - 6.8 % HbA1c
Fair Control =	6.8-8.2 % HbA1c
Poor Control =	>8.2 % HbA1c

HBA1C ESTIMATED AVERAGE GLUCOSE (eAG)	107.8	65.00 - 135.00
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REMARKS:-

In vitro quantitative determination of HbA1c in whole blood is utilized in long term monitoring of glycaemia .The HbA1c level correlates with the mean glucose concentration prevailing in the course of the patient's recent history (approx - 6-8 weeks) and therefore provides much more reliable information for glycaemia monitoring than do determinations of blood glucose or urinary glucose.

It is recommended that the determination of HbA1c be performed at intervals of 4-6 weeks during diabetes mellitus therapy. Results of HbA1c should be assessed in conjunction with the patient's medical history, clinical examinations and other findings.

Estimated average glucose (eAG) - There is a predictable relationship between HbA1c and eAG. It helps people with diabetes to correlate their A1c to daily glucose monitoring levels. It reflects the average glucose levels in the past 2 -3 months. The eAG calculation converts the A1c percentage to the same units used by glucometers-mg/dl. The following table shows the relationship of eAG and A1c.

HbA1c (%)	eAG (mg/dL)
5	97
6	126
7	154
8	183
9	212
10	240
11	269
12	298



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Age 40 Yrs.

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BIOCHEMISTRY - TEST REPORT

BLOOD SUGAR FASTING

95.6

mg/dl

REFERENCE RANGE :

Normal	:	< 110
Impaired Glucose Tolerance	:	110 - 125
Diabetes Mellitus	:	≥126

CREATININE

0.57

mg/dl

0.50 - 1.30

Neonates (premature): 0.29 - 1.04
 Neonates (Full term): 0.24 - 0.85
 2 - 12 Months : 0.17 - 0.42
 1 - <3 Yrs : 0.24 - 0.41
 3 - <5 Yrs : 0.31 - 0.47
 5 - <7 Yrs : 0.32 - 0.59
 7 - <9 Yrs : 0.40 - 0.60
 9 - <11 Yrs : 0.39 - 0.73
 11 - <13 Yrs : 0.53 - 0.79
 13 - <15 Yrs : 0.57 - 0.87

URIC ACID

4.02

mg/dl

2.4 - 5.70

BLOOD UREA NITROGEN (BUN)

12.3

mg/dl

5.0 - 21.0

LIPID PROFILE

SERUM CHOLESTEROL

165.9

mg/dl

Optimal	< 200	mg/dl
Border Line High Risk	200 - 239	mg/dl
High Risk	> 240	mg/dl

Contd...4



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Investigation Name	Result Value	Unit	Biomedical Ref Range
TRIGLYCERIDES	115.2	mg/dL	
Optimal	< 150	mg/dl	
Border Line High Risk	150 - 199	mg/dl	
High Risk	200 - 499	mg/dl	
Very High Risk	> 500	mg/dl	
H D L CHOLESTEROL(direct)	53.0		
	Male		Female
Optimal>	55 mg/dl		> 65 mg/dl
Border Line High Risk	35 - 55 mg/dl		45 - 65 mg/dl
High Risk	< 35 mg/dl		< 45 mg/dl
L D L CHOLESTEROL (DIRECT)	89.86	mg/dl	
Optimal	<100	mg/dl	
Near or Above Optimal	100 - 129	mg/dl	
Border Line High Risk	130 - 159	mg/dl	
High Risk	160 - 189	mg/dl	
Very High Risk	> 190	mg/dl	
V L D L	23.04	mg/dl	25.0 - 40.0
SERUM CHOLESTEROL/HDL RATIO	3.13		
LDL / HDL CHOLESTEROL RATIO	1.695		0.00 - 3.55

R.O. risk factor

Risk Factor of Coronary Heart Disease.

Positive Risk Factors

1. Age - Males >45 Yrs.

Females >55 Yrs. or premature menopause without estrogen replacement therapy.

2. Family history of premature coronary heart disease.

3. Cigarette smoking.

4. Hypertension (>140/90 mm Hg or on antihypertensive medication)

5. Low HDL Cholesterol <30 mg/dl

6. Diabetes mellitus

Negative Risk Factor

Contd...5



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1. High HDL Cholesterol >60 mg/dl

BIOCHEMISTRY - TEST REPORT**L.F.T / LIVER FUNCTION TEST**

TOTAL BILIRUBIN	0.67	mg/dl	0.20 - 1.00
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Reference range**Reference range according to Thomas**

Total bilirubin : up tp 1.1 mg/dl

Reference range according to Sherlock and Meites

Adults and children : up to 1.0 mg/dl

New born**Age of new born**

24 hours

48 hours

3 - 5 days

Age of new born

24 hours

48 hours

3-5 days

Premature

1.0 - 6.0 mg/dl

6.0 - 8.0 mg/dl

10.0 - 15.0 mg/dl

Full term

2.0 - 6.0 mg/dl

6.0 - 7.0 mg/dl

4.0 - 12.0 mg/dl

CONJUGATED (D. Bilirubin)	0.35	mg/dl	0.1 - 0.4
UNCONJUGATED (I.D. Bilirubin)	0.32	mg/dl	0.2 - 0.7
TOTAL PROTEINS	6.75	gm/dl	6.0 - 8.2
ALBUMIN	3.81	gm/dl	3.5 - 5.2
GLOBULIN	2.94	gm/dl	2.3 - 3.5
A/G RATIO	1.296	gm/dl	0.8 - 2.0
S.G.O.T (AST)	20.4	U/L	0.0 - 35.0
S G.P.T (ALT)	15.8	U/L	0.0 - 45.0
ALKALINE PHOSPHATASE OPTIMIZED	97.8	U/L	0 - 0

Contd...6



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Investigation Name	Result Value	Unit	Biomedical Ref Range
Expected Values :			
Aged 1 Day	< 250	U/L	
Aged 2 to 5 Days	< 231	U/L	
Aged 6 Days to 6 Months	< 449	U/L	
Aged 7 Months to 1 Year	< 426	U/L	
Aged 1 - 3 Yrs	< 281	U/L	
Aged 4 - 6 Yrs	< 269	U/L	
Aged 7 - 12 Yrs	< 300	U/L	
Aged 13 - 17 Yrs (Male)	< 390	U/L	
Aged 13 - 17 Yrs (Female)	< 187	U/L	
Men (Adult)	40 - 129	U/L	
Women (Adult)	35 - 104	U/L	
GGTP	21.30	U/L	0.80 - 55.0
<u>THYROID PROFILE</u>			
T3 ,T4 ,TSH			
T3	1.23	ng/ml	0.87 - 1.78
			Adults (>15 yrs) : 0.87 - 1.78 New born : 0.75 - 2.60 1 - 5 Yrs : 1.00 - 2.60 5 - 10 Yrs : 0.90 - 2.40 10 - 15 Yrs : 0.80 - 2.10
T4 (Thyroxin)	8.75	ug/dl	6.00 - 12.00
			Adults : 6.00 - 12.00 1 - 3 days : 8.20 - 19.9 1 week : 6.00 - 15.9 1 - 12 month : 6.1 - 14.9 1 - 3 yrs : 6.80 - 13.5 3 - 10 yrs : 5.50 - 12.8 >10 Yrs : 6.00 - 12.00

Contd...7



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Investigation Name	Result Value	Unit	Biomedical Ref Range
TSH	3.99	µIU/ml	0.25 - 5.50

Test	Reference Group	Age	Reference Range	Unit
TSH		Cord Blood	1.00 - 39.0	µIU/ml
		1- 4 Week	1.70 - 9.10	µIU/ml
		1-12 Months	0.80 - 8.20	µIU/ml
		1- 5 Years	0.70 - 5.70	µIU/ml
		6 - 10 Years	0.70 - 5.70	µIU/ml
		11 -15 Years	0.70 - 5.70	µIU/ml
		16 - 20 Years	0.70 - 5.70	µIU/ml

The test has been carried out in Fully Automated Immunoassay System VIDAS using ELFA (Enzyme Linked Fluorescence Assay) technology.

URINE EXAMINATION -TEST REPORT

PHYSICAL EXAMINATION

COLOUR	LIGHT YELLOW
TRANSPARENCY	TURBID
SPECIFIC GRAVITY	1.020
pH	6.5

CHEMICAL EXAMINATION

ALBUMIN	TRACE
REDUCING SUGAR	NIL
BILE SALTS	NEGATIVE
BILE PIGMENT	NEGATIVE
KETONE BODIES /ACETONE	NEGATIVE

Contd...8



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MICROSCOPIC EXAMINATION

PUS CELLS	5-6	/HPF
EPITHELIAL CELLS	8-9	/HPF
RBC's	1-2	/HPF
CRYSTALS	NIL	
CASTS	NIL	
BACTERIA	PRESENT	
OTHERS	AMORPHOUS PHOSPHATE	

**** Report Completed****



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Bharti Hospital

An ISO 9001 : 2008 (QMS) Certified Hospital

Date :

REG...NO : 2022-202609

DATE : 26/02/2022

NAME : MRS. RASHMI

REF...BY: BOB

AGE /SEX: Y/F

2D REAL TIME GENERAL SONOLOGICAL STUDY OF WHOLE ABDOMEN

LIVER: Is normal in size & parenchymal echotexture. Margins are regular. Intra hepatic bile ducts (IHD) are not dilated. No focal mass seen. Portal Vein & C.B.D. is normal in caliber.

GALL BLADDER: No calculi/mass lesion is seen in its lumen. No pericholecystic collection is seen.

SPLEEN: is normal in size and shape. Echotexture appears normal.

PANCREAS: Shows normal size and echotexture. No focal mass / peripancreatic collection is seen.

RIGHT KIDNEY: Shows normal position, size, shape and contour. Cortical echotexture is normal. CMD is maintained. No calculus /hydronephrosis is seen.

LEFT KIDNEY: Shows normal position, size, shape and contour. Cortical echotexture is normal. CMD is maintained. No hydronephrosis, No free fluid/ retroperitoneal adenopathy is seen.

U.BLADDER: is normal in distension and in wall thickness. Lumen is clear. No calculus or mass lesion is seen.

UTERUS: is normal in size and echotexture. Endometrial thickness is 8.0mm. No focal or diffuse mass lesion is seen. Cervix appears normal.

Both ovaries are normal in size and echotexture.

Cul de sac is clear.

NOTE- Excessive Gas is Present in Abdomen.

IMPRESSION: No Abnormality Detected.

SONOLOGIST

Best efforts were made during investigation, however in case of any Confusion/ Confirmation review can be done, free of cost. Not valid for medico-legal purpose.

Facilities

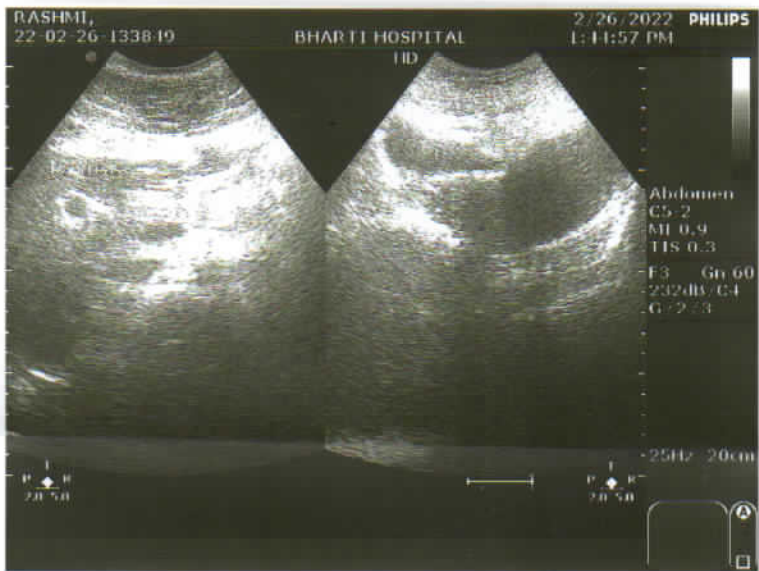
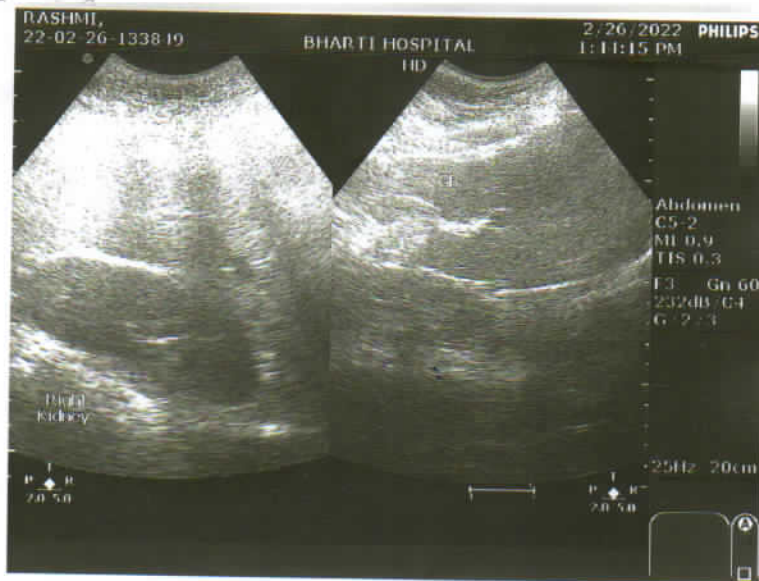
ICU, Facility for Medical & Cardiac Emergency, ECG, Nebulizer, Centralized Oxygen, Monitor BIPAP, Defibrillator, Echo Cardiography, TMT, X-ray, PFT, Computerised Pathology

यहाँ भ्रूण-लिंग परीक्षण नहीं किया जाता है। यह एक दृष्टनीय अपराध है।

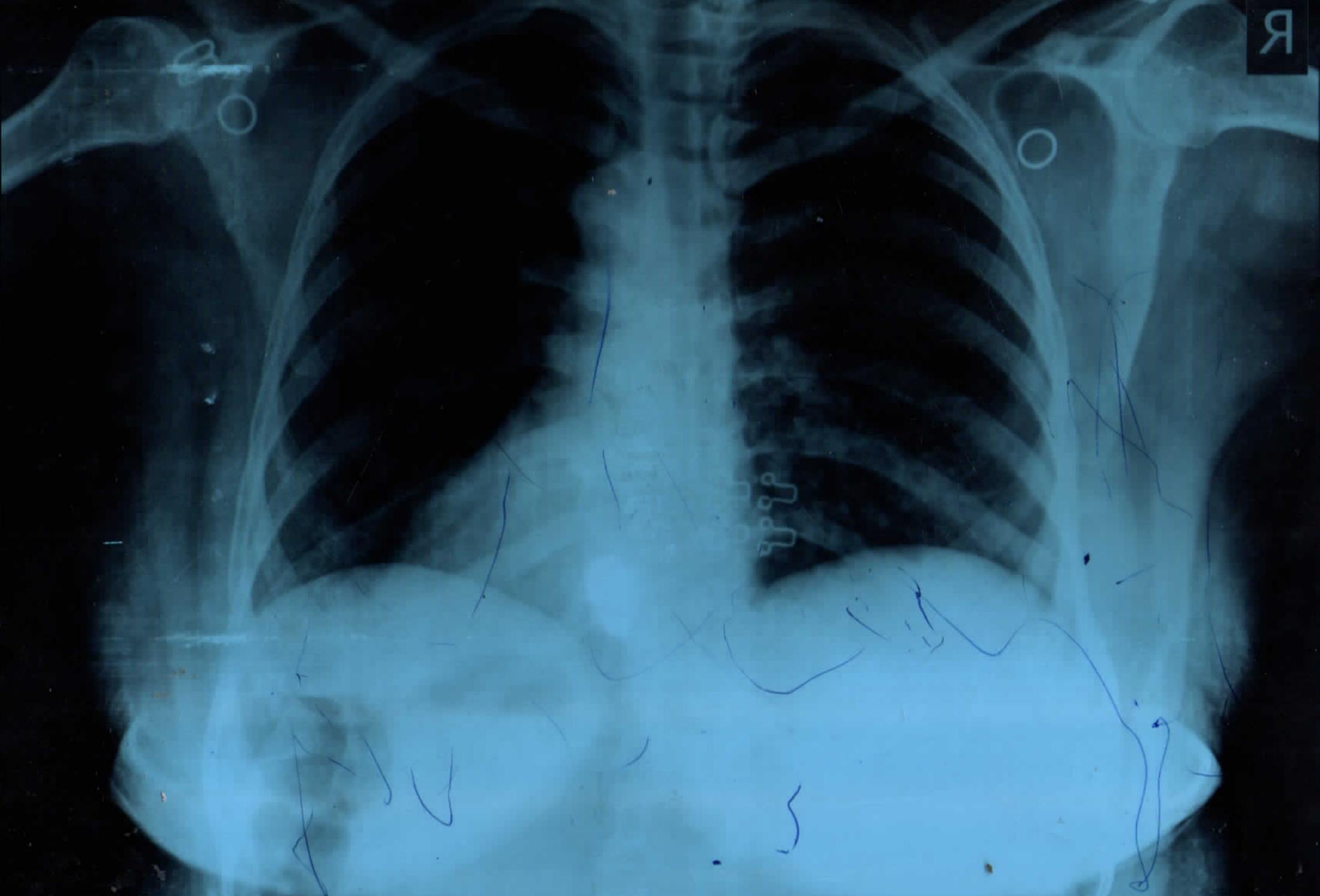
This Report is only A Professional Opinion & Should Be Clinically Co-related

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सभी प्रकार के हैल्थ चैकअप पैकेज उपलब्ध



R



RASHMI 41Y Female

SE10515055