

PATHOLOGY REPORT

Name:- Mrs. Rink/Kumari	Age :33Y/F	Date :-09/03/2024
Ref. By :- Dr. Bank Of Baroda	(E.C.No 80926)	Serial Number :- 092

CBC (Complete Blood Count)

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>
Hb (Haemoglobin)	12.0	gm/dl	12 - 17
Total Leukocyte Count	4,900	/Cumm.	4000 - 11000
RBC Count	4.28	Million/Cumm.	3.8 - 5.8
PCV / Haematocrit	38.0	%	30 - 50
Platelet Count	1.36	Lakhs/c.mm	1.5 - 4.5
MCV	88.8	fl	80 - 100
MCH	27.8	pg	26 - 34
MCHC	31.8	gm/dl	31.5 - 35
Differential Leukocyte Count			
Neutrophil	60	%	40 - 70
Lymphocyte	30	%	20 - 40
Monocyte	02	%	02 - 10
Eosinophi	08	%	01 - 06
Basophil	00	%	< 1 - 2 %
ESR	18	mm/1 st hr.	00 - 20

end of report

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KFT (KIDNEY Function Test) – serum

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>
S. Urea	25.0	mg/dl	13 - 45
S. Creatinine	0.88	mg/dl	Male 0.7 - 1.4 Female 0.6 - 1.2
S. BUN	11.67	mg/dl	6.0 - 21
S. Sodium (Na ⁺)	148.1	mmol/ltr	135 - 150
S. Potassium(K ⁺)	4.15	mmol/ltr	3.5 - 5.5
S. Chloride(Cl ⁻)	99.5	mmol/ltr	94 - 110
S. Calcium	9.10	mg/dl	8.7 - 11.0
S. Uric Acid	3.50	mg/dl	Male 3.5 - 7.2 Female 2.5 - 6.2

BLOOD GROUPING

Grouping (ABO)	:	"A" Group
Rh Typing	:	Positive.

end of report

Signature



URMILA HEART & MULTI SPECIALITY HOSPITAL

Address

Naya Tola, Opp. Polytechnic
Muzaffarpur
Ph.: 0621-2222211
0621-2268042
Mob.: 9661179794
9471013402

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LFT (Liver Function Test) – serum

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>		
S. Total Bilirubin	0.84	mg/dl	Adults: 0.1	-	1.2
			Infants: 1.2	-	12
S. SGPT (ALT)	47.0	U/L	05	-	40
S. SGOT (AST)	51.0	U/L	05	-	40
S.GGT	44.0	U/L	05	-	45
S. Alkaline Phosphatase	130.0	U/L	Adult -- 25	-	140
			Children (1 – 12 yrs.) -- 104	-	390
S. Total Protein	6.83	g/dl	6.0	-	8.3
S. Albumin	3.70	g/dl	3.2	-	5.0
S. Globulin	3.13	g/dl	2.8	-	4.5
S. A/G Ratio	1.18				

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Lipid Profile - serum

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>
S. Cholesterol	190.0	mg/dl	130 - 200
S. Triglycerides	150.0	mg/dl	Fasting: 25 - 160
S. VLDL-Cholesterol	50.0	mg/dl	10 - 40
S. HDL-Cholesterol	30.0	mg/dl	Male: 30 - 65 Female: 35 - 80
S. LDL-Cholesterol	110.0	mg/dl	60 - 150
Ratio of Cholesterol/HDL	3.80		Low Risk: <3.0 Average Risk: 03 - 5.0 High Risk: >5.0
LDL/HDL Ratio	2.20		1.5 - 3.5

BIOCHEMISTRY

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>
P. Glucose Fasting	75.0	mg/dl	70 - 110
P. Glucose-Post Prandial (after 1.30hrs meal)	98.0	mg/dl	80 - 160

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GLYCOSYLATED HEMOGLOBIN

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>
HbA1c	4.2	%

Mean Blood Glucose level (MBG) – 91.28 mg/dl

Normal Reference Values

Normal	:	< 8.0 %
Good Control	:	8.0 - 9.0 %
Fair Control	:	9.0 - 10.0 %
Poor Control	:	> 10.0 %

Summary :- Glycosylated hemoglobin (GHb) reflects the average blood glucose concentration over the preceding several weeks & a sudden fall from high to low glucose concentration will not produce a correspondingly rapid fall in glycosylated hemoglobin. Thus GHb reflects the metabolic control of glucose level over a period of time, unaffected by diet, insulin, other drugs or exercise on the day of testing. GHb is now widely recognized as an important test for the diagnosis of diabetes mellitus and is a good indicator of the efficacy of therapy.

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TEST NAME	METHOD	VALUE	UNITS	NORMAL RANGE
TOTAL TRIIODOTHYRONINE (T3)	C.L.I.A	126.8	ng/dL	(60 - 200)
TOTAL THYROXINE (T4)	C.L.I.A	6.02	µg/dL	(4.5 - 12.0)
THYROID STIMULATING HORMONE (TSH)	C.L.I.A	1.85	µIU/mL	(0.3 - 5.5)

Technology :

T3 - Competitive Chemi Luminescent Immuno Assay

T4 - Competitive Chemi Luminescent Immuno Assay

TSH - Ultra Sensitive Sandwich Competitive Chemi Luminescent Immuno Assay

REMARK :

THYROID HORMONES -Serum TSH is primarily responsible for the synthesis and release of Thyroid hormones is an early and sensitive indicator of decrease in thyroid reserve is the diagnostic of primary hypothyroidism.The expected increase in TSH demonstrate the classical feedback mechanism between pituitary and thyroid gland.Additionally TSH measurement is equally important in differentiating secondary and tertiary(hypothalamic) hypothyroidism.The increase in total T4 and T3 is associated with pregnancy,oral contraceptive and estrogen therapy results into masking of abnormal thyroid function only because of alteration of TBG concentration,which can be monitored by calculating Free Thyroxine Index(FTI) or Thyroid Hormone Binding Ratio(THBR).a

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Urine Routine And Microscopy

<u>TEST</u>	<u>RESULTS</u>
Physical Examination	
Volume	20 ml
Colour	Straw
Specific Gravity	1.010
Appearance	Clear
pH	6.0
(Acidic)	
Chemical Examination	
Protein	Nil
Sugar	Nil
Bile Salts	N/D
Bile Pigments	N/D
Microscopic Examination	
Pus Cells	1-2 /hpf
Red Blood Cells	Nil /hpf
Epithelial Cells	Present (+)
Crystal/Cast	Nil
Other	Nil
end of report	

Signature

NAME :- RINKU KUMARI .
REFD.BY:- DR./SELF.

DATE :- 09/03/2024
SEX:- F

Thanks for the kind referral.
USG of Whole Abdomen

Liver:- Liver is normal in size [11.97 cm] and normal echotexture.
No focal lesion is seen. I.H.B.R. are not dilated.

GB:- Normal distention. Walls are not thickened (3.0 mm) . No evidence
of calculus ,sludge ,or mass lesion seen.

C.B.D:- C.B.D. is normal in caliber.

Pancreas:- Pancreas normal in size shape and echo texture.

Spleen:- Normal in shape, size & contour . (bipolar length is 9.45cm).

Kidneys:- Both kidneys are normal in shape, size, contour, cortical
echo texture, and sinus echoes. No evidence of calculus,
calcification, hydronephrotic changes or mass lesion seen.

UB:- Urinary bladder is smoothly outlined. There is no calculus within.

Uterus:- Uterus measures 7.31 x 3.85 x 3.37 cm.
Uterus is normal in size and normal echo texture.

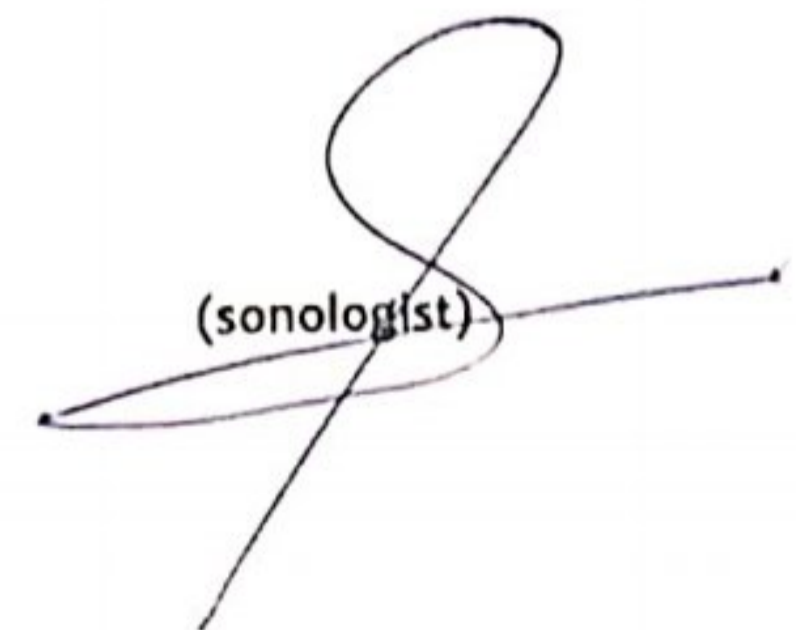
Adnexa:- A hypoechoic cystic area 4.27x3.12cm seen in Lt. ovary.
Rt. ovary normal.

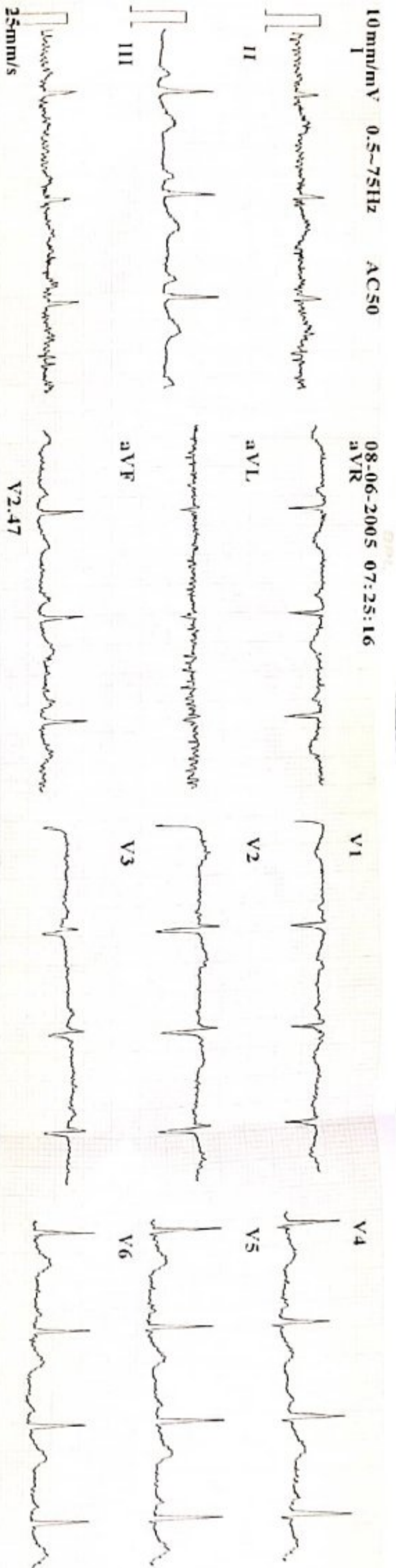
POD:- Minimal collection seen.

Free fluid:- No free fluid is noted in the peritoneal cavity.

IMPRESSION :- **Lt. Ovarian cyst.**
P.O.D collection.

(sonologist)





10mm/mV 0.5-75Hz ACS0
 08-06-2005 07:25:16
 aVR

V1

V4

ID : 050608-0792
 Name : *[Signature]*
 Age : 34 yr
 Sex : Female
 BP :
 Height : cm
 Weight : kg

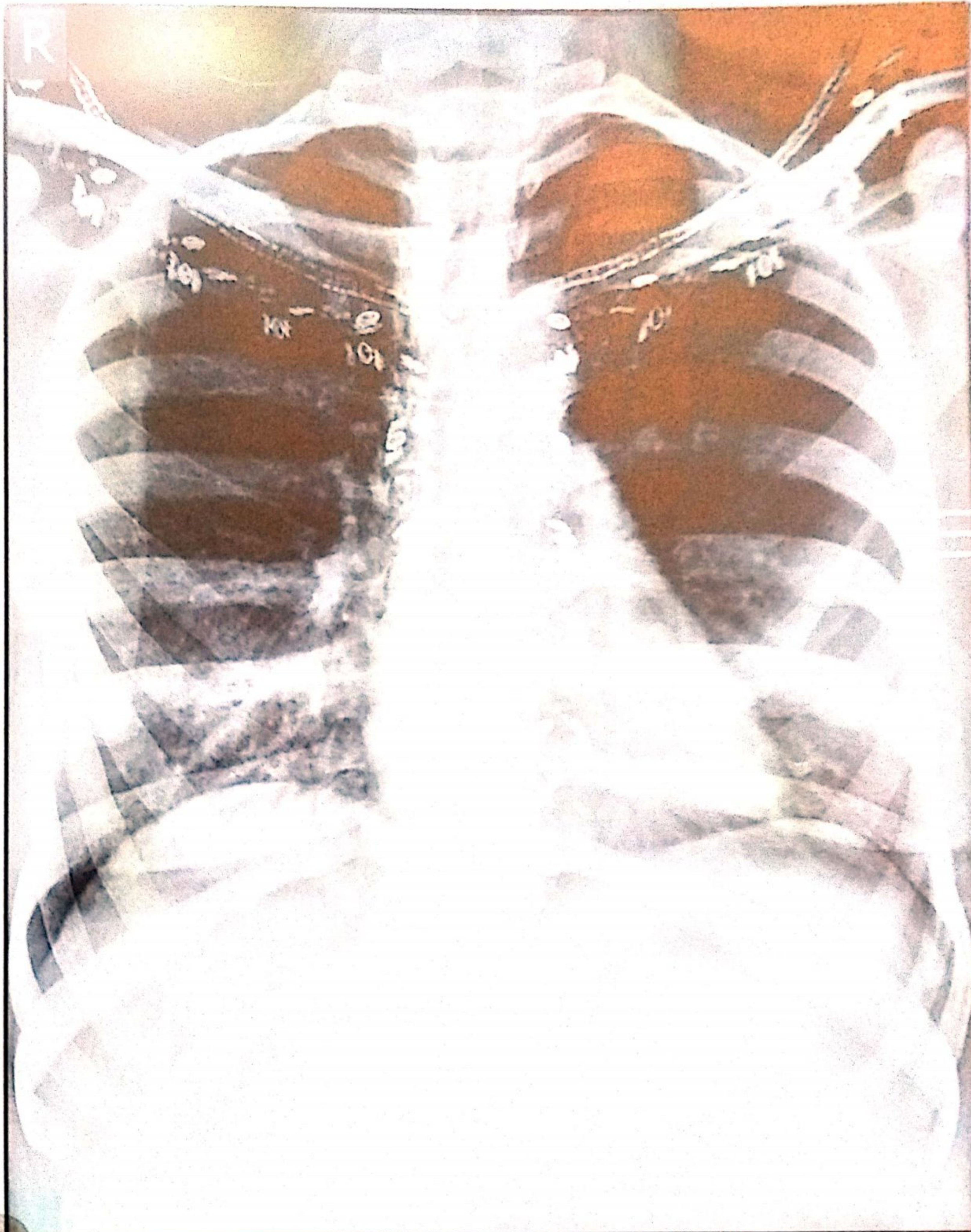
Minnesota Code: *[Signature]*

HR : 84 bpm
 P Dur : 87 ms
 PR int : 121 ms
 QRS Dur : 90 ms
 QT/QTc int : 358/423 ms
 P/QRS/T axis : 74/66/48 °
 RV5/SV1 amp : 1.201/0.551 mV
 RV5+SV1 amp : 1.752 mV
 RV6/SV2 amp : 1.022/0.723 mV

Diagnosis Information:
 800: Sinus Rhythm
 Normal ECG

Report Confirmed by:





RINKU KUMARI
Chest PA

34

Female

69.4 %

09-03-24 1:47:35 PM

DR. A . K . SINGH

ARMILA HEART & MULTISPECIALITY HOSPITAL, NAYA TOLA MUZAFFARPUR