

## PATHOLOGY REPORT

Name:- Mrs. Nila Chaudhary	Age :45Y/F	Date :-09/12/2023
Ref. By :- Dr. Bank Of Barauda	(E.C.No106511)	Serial Number :- 091

TEST	CBC (Complete Blood Count)		Reference Values
	RESULT	UNIT	
Hb (Haemoglobin)	10.2	gm/dl	12 - 17
Total Leukocyte Count	7,000	/Cumm.	4000 - 11000
RBC Count	4.07	Million/Cumm.	3.8 - 5.8
PCV / Haematocrit	31.5	%	30 - 50
Platelet Count	2.98	Lakhs/c.mm	1.5 - 4.5
MCV	77.2	fl	80 - 100
MCH	24.1	pg	26 - 34
MCHC	29.8	gm/dl	31.5 - 35
<b>Differential Leukocyte Count</b>			
Neutrophil	56	%	40 - 70
Lymphocyte	34	%	20 - 40
Monocyte	02	%	02 - 10
Eosinophi	08	%	01 - 06
Basophil	00	%	< 1 - 2 %
ESR	40	mm/1 <sup>st</sup> hr.	00 - 20

\*\*\*end of report\*\*\*

Signature

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### KFT (KIDNEY Function Test) – serum

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>
S. Urea	24.0	mg/dl	13 - 45
S. Creatinine	0.87	mg/dl	Male 0.7 - 1.4 Female 0.6 - 1.2
S. BUN	11.20	mg/dl	6.0 - 21
S. Sodium (Na <sup>+</sup> )	141.8	mmol/ltr	135 - 150
S. Potassium(K <sup>+</sup> )	3.92	mmol/ltr	3.5 - 5.5
S. Chloride(Cl <sup>-</sup> )	103.6	mmol/ltr	94 - 110
S. Calcium	9.10	mg/dl	8.7 - 11.0
S. Uric Acid	3.82	mg/dl	Male 3.5 - 7.2 Female 2.5 - 6.2

### BLOOD GROUPING

Grouping (AEO)	:	"O" Group
Rh Typing	:	Positive.

\*\*\*end of report\*\*\*

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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	0.76	mg/dl	Adults: 0.1 - 1.2 Infants: 1.2 - 12
S. SGPT (ALT)	47.0	U/L	05 - 40
S. SGOT (AST)	54.0	U/L	05 - 40
S. GGT	45.0	U/L	05 - 45
S. Alkaline Phosphatase	93.4	U/L	Adult -- 25 - 140 Children (1 – 12 yrs.) -- 104 - 390
S. Total Protein	7.06	g/dl	6.0 - 8.3
S. Albumin	3.84	g/dl	3.2 - 5.0
S. Globulin	3.22	g/dl	2.8 - 4.5
S. A/G Ratio	1.19		

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### Lipid Profile - serum

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>
S. Cholesterol	198.0	mg/dl	130 - 200
S. Triglycerides	110.0	mg/dl	Fasting: 25 - 160
S. VLDL-Cholesterol	22.0	mg/dl	10 - 40
S. HDL-Cholesterol	48.0	mg/dl	Male: 30 - 65 Female: 35 - 80
S. LDL-Cholesterol	128.0	mg/dl	60 - 150
Ratio of Cholesterol/HDL	4.12		Low Risk: <3.0 Average Risk: 03 - 5.0 High Risk: >5.0
LDL/HDL Ratio	2.66		1.5 - 3.5

### BIOCHEMISTRY

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>
P. Glucose Fasting	73.0	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	4.10	%

Mean Blood Glucose level (MiG) – 93.5 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	121.0	ng/dL	(60 - 200)
TOTAL THYROXINE (T4)	C.L.I.A	6.10	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  
\*\*\*end of report\*\*\*

Signature





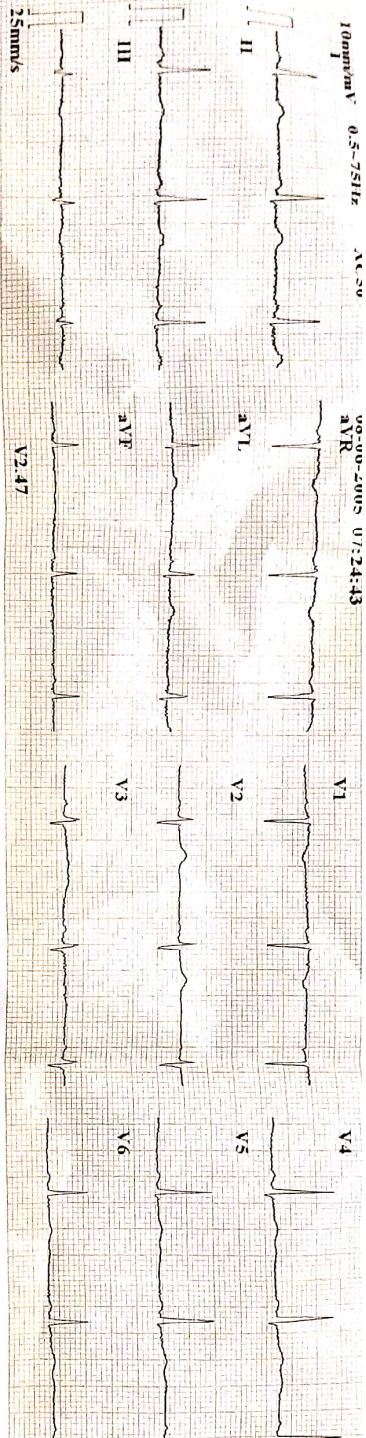
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### Urine Routine And Microscopy

<u>TEST</u>	<u>RESULTS</u>
<b>Physical Examination</b>	
Volume	20 ml
Colour	Straw
Specific Gravity	1.020
Appearance	Clear
pH	5.0
(Acidic)	
<b>Chemical Examination</b>	
Protein	Nil
Sugar	Nil
Bile Salts	N/D
Bile Pigments	N/D
<b>Microscopic Examination</b>	
Pus Cells	1-2 /hpf
Red Blood Cells	Nil /hpf
Epithelial Cells	<b>Present (+)</b>
Crystal/Cast	Nil
Other	Nil
***end of report***	

Signature



ID : 020008-07/22  
 Name : Mala Chaudhary  
 Age : 45 yr  
 Sex : Female  
 BP : mmHg  
 Height : cm  
 Weight : kg  
 HR : 63 bpm  
 P Dur : 102 ms  
 PR Int : 137 ms  
 QRS Dur : 77 ms  
 QT/QTc Int : 412/424 ms  
 P/QRS/T axis : 38/37/75 °  
 RV5/SV1 amp : 1.020/0.800 mV  
 RV5+SV1 amp : 1.820 mV  
 RV6/SV2 amp : 0.753/0.426 mV

Minnesota Code:  
 5-5-0(V4,V5)  
 9-4-1(V3)

Diagnostic Information:  
 800: Sinus Rhythm  
 \*\*\*Normal ECG\*\*\*

Report Confirmed by:





**URMILA HEART  
& MULTI SPECIALITY HOSPITAL**

**Address**

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

**NAME :- MALA CHAUDHARY.**  
**REFD.BY:- DR./SELF.**

**DATE :- 09/12/2023**  
**SEX:- F**

**Thanks for the kind referral.**  
**USG of Whole Abdomen**

**Liver:-** Liver is normal in size [13.16 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 08.22cm).

**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 7.34 x 3.69 x 3.39 cm.  
Uterus is normal in size and normal echo texture.

**Adnexa:-** A hypoechoic cystic area measuring about 3.62x3.36cm. seen in  
Lt. ovary. Rt. ovary is normal.

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

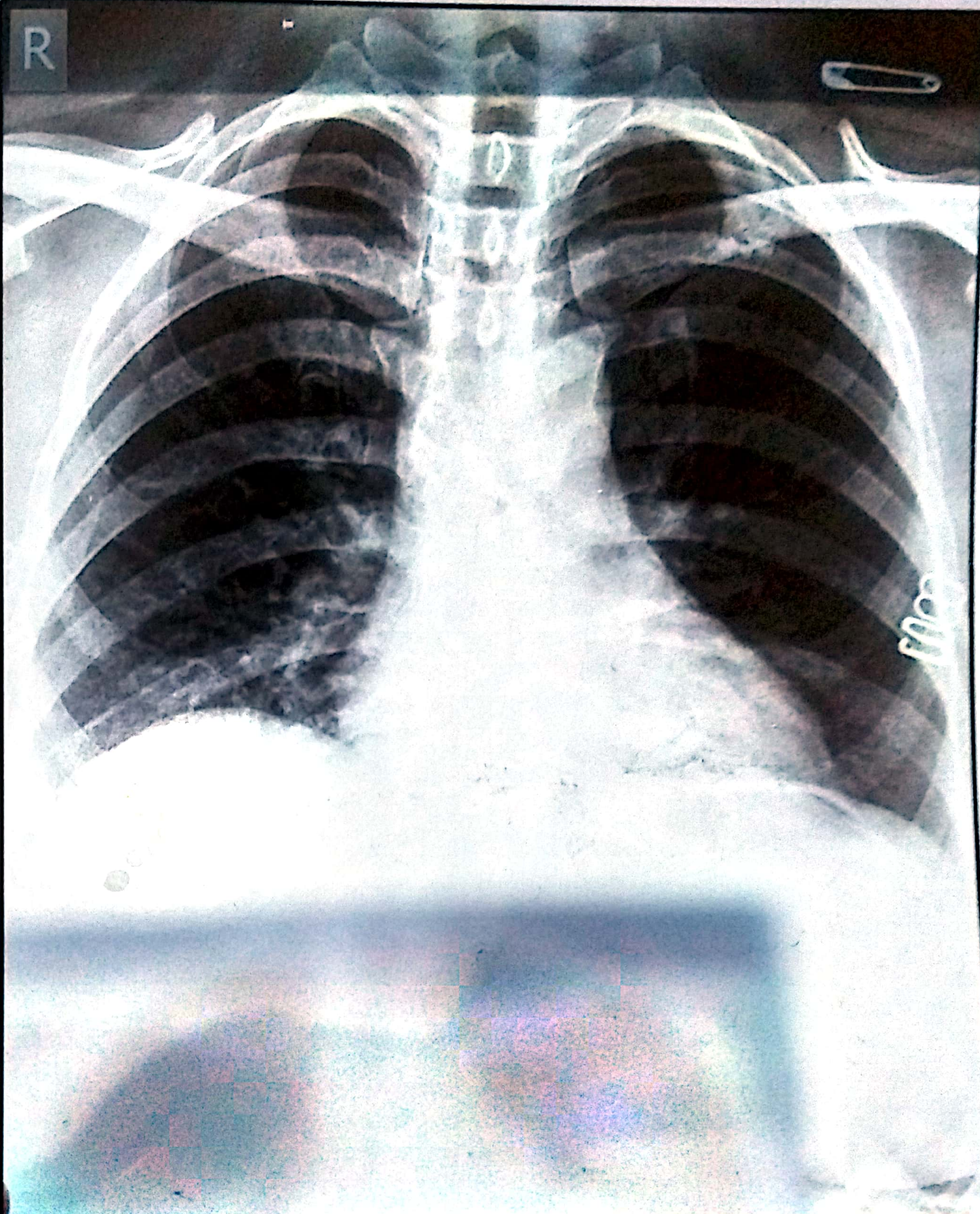
**POD:-** Minimal collection seen.

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

  
(sonologist)



R



MALA CHAUDHARY  
Chest PA

45 Female  
09-12-23 3:08:50 PM

74.9 %  
DR. A.K. SINGH

URMILA HEART & MULTISPECIALITY HOSPITAL, NAYA TOLA MUZAFFARPUR

