



# URMILA HEART & MULTI SPECIALITY HOSPITAL

## Address

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

## PATHOLOGY REPORT

Name:- Mr. Awdhesh Kumar Sinha	Age :65Y/M	Date :-12/05/2024
Ref.By :- Dr. Bank Of Baroda (E.C.No158373)		Serial Number :- 0121

TEST	CBC (Complete Blood Count)		Reference Values
	RESULT	UNIT	
Hb (Haemoglobin)	12.6	gm/dl	12 - 17
Total Leukocyte Count	5,100	/Cumm.	4000 - 11000
RBC Count	4.70	Million/Cumm.	3.8 -5.8
PCV / Haematocrit	45.5	%	30 - 50
Platelet Count	0.98	Lakhs/c.mm	1.5 - 4.5
MCV	90.4	fl	80 - 100
MCH	26.8	pg	26 - 34
MCHC	32.6	gm/dl	31.5 - 35
<b>Differential Leukocyte Count</b>			
Neutrophil	60	%	40 - 70
Lymphocyte	28	%	20 - 40
Monocyte	02	%	02 - 10
Eosinophi	10	%	01 -06
Basophil	00	%	<1 - 2 %
ESR	18	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	28.0	mg/dl	13	-	45
S. Creatinine	1.09	mg/dl	Male 0.7	-	1.4
			Female 0.6	-	1.2
S. BUN	13.07	mg/dl	6.0	-	21
S. Sodium (Na <sup>+</sup> )	140.0	mmol/ltr	135	-	150
S. Potassium(K <sup>+</sup> )	3.98	mmol/ltr	3.5	-	5.5
S. Chloride(Cl <sup>-</sup> )	101.4	mmol/ltr	94	-	110
S. Calcium	9.05	mg/dl	8.7	-	11.0
S. Uric Acid	7.10	mg/dl	Male 3.5	-	7.2
			Female 2.5	-	6.2

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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	0.74	mg/dl	Adults: 0.1 - 1.2 Infants: 1.2 - 12	
S. SGPT (ALT)	31.0	U/L	05 - 40	
S. SGOT (AST)	38.0	U/L	05 - 40	
S. GGT	34.0	U/L	05 - 45	
S. Alkaline Phosphatase	98.0	U/L	Adult -- 25 - 140 Children (1 – 12 yrs.) -- 104 - 390	
S. Total Protein	7.10	g/dl	6.0 - 8.3	
S. Albumin	3.98	g/dl	3.2 - 5.0	
S. Globulin	3.12	g/dl	2.8 - 4.5	
S. A/G Ratio	1.27			

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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	140.0	mg/dl	Fasting: 25 - 160
S. VLDL-Cholesterol	28.0	mg/dl	10 - 40
S. HDL-Cholesterol	50.0	mg/dl	Male: 30 - 65 Female: 35 - 80
S. LDL-Cholesterol	120.0	mg/dl	60 - 150
Ratio of Cholesterol/HDL	3.96		Low Risk: <3.0 Average Risk: 03 - 5.0 High Risk: >5.0
LDL/HDL Ratio	2.40		1.5 - 3.5

### BIOCHEMISTRY

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>
P. Glucose Fasting	126.0	mg/dl	70 - 110
P. Glucose-Post Prandial (after 1.30hrs meal)	190.0	mg/dl	80 - 160

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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	4.02	µg/dL	(4.5 - 12.0)
THYROID STIMULATING HORMONE (TSH)	C.L.I.A	3.86	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\*\*\*

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**Urine Routine And Microscopy**

<b><u>TEST</u></b>	<b><u>RESULTS</u></b>
<b>Physical Examination</b>	
Volume	20 ml
Colour	Straw
Specific Gravity	1.020
Appearance	Clear
pH	6.0
(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	Present (+)
Crystal/Cast	Nil
Other	Nil
***end of report***	

  
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**GLYCOSYLATED HEMOGLOBIN**

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>
HbA1c	-	6.90 %

Mean Blood Glucose level (MBG) – 171.01 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.

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

Signature





<u>Measurements</u>	<u>Normal Values</u>	<u>Measurements</u>	<u>Normal values</u>
Aorta 3.6	(2.0 – 3.7cm)	LAes 3.1	(1.9 – 4.0cm)
LV es 3.0	(2.2 – 4.0cm)	LV ed 4.5	(3.7 – 5.6cm)
IVS ed 1.2	(0.6 – 1.1cm)	PW (LV)1.3	(0.6 – 1.1cm)
RVed	(0.7 – 2.6cm)	RV Anterior wall	(upto 5 mm)
LVVd (ml)		LVVs (ml)	
LVEF 60%	(54%-76%)	IVS motion	Normal/Flat/Paradoxical

**CHAMBERS:**

LV Normal/Enlarged/Clear/Thrombus/Hypertrophy  
Contraction Normal/Reduced

Regional wall motion abnormality Absent/Present

LA Normal/Enlarged/Clear/Thrombus

RA Normal/Enlarged/Clear/Thrombus

RV Normal/Enlarged/Clear/Thrombus

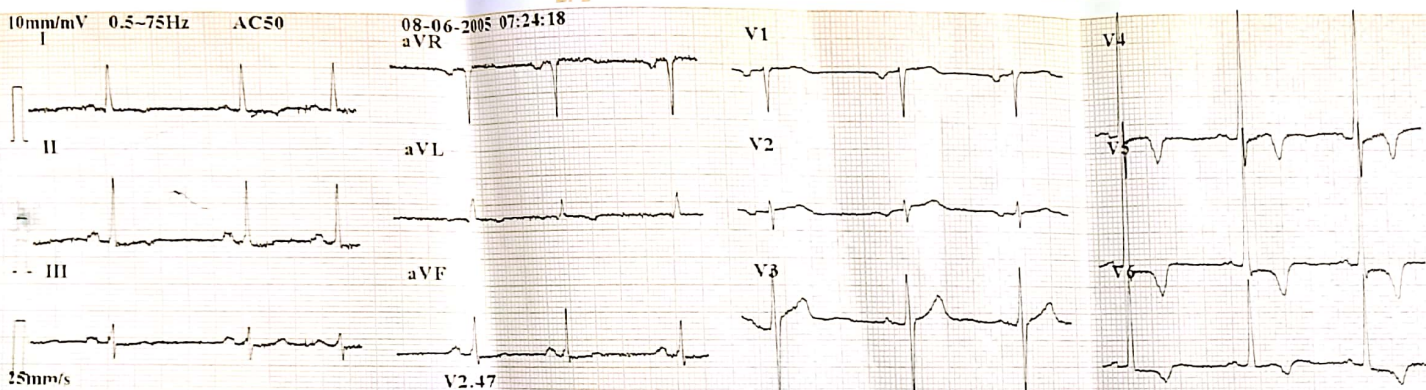
PERICARDIUM Normal/Thickening/Calcification/Effusion

**COMMENTS & SUMMARY**

Conc. LVH  
gd I LV Diastolic Dysfunction  
Normal LV Systolic Function  
No RWMA/LVEF=60%  
No MR/AR/PR/TR  
Normal Pericardium

*Anil Kr. Singh*  
Dr. Anil Kr. Singh  
Cardiologist





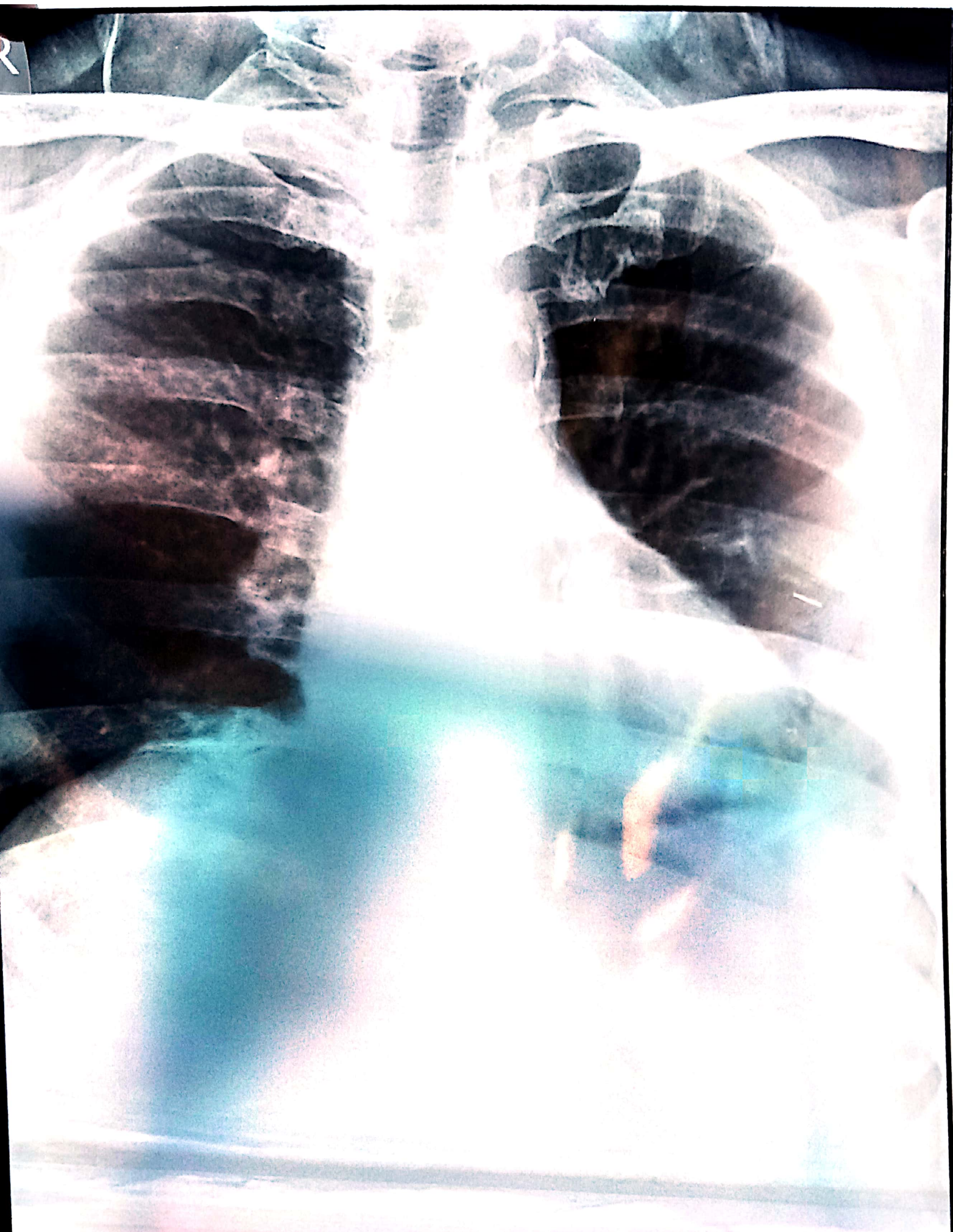
ID : 050608-0792  
 Name : Axadheh Ker Simha  
 Age : 65 yr  
 Sex : Male  
 BP : mmHg  
 Height : cm  
 Weight : kg  
 HR : 68 bpm  
 P Dur : 100 ms  
 PR int : 159 ms  
 QRS Dur : 80 ms  
 QT/QTc int : 349/373 ms  
 P/QRS/T axis : 68/35/163 °  
 RV5/SV1 amp : 2.623/0.773 mV  
 RV5+SV1 amp : 3.396 mV  
 RV6/SV2 amp : 1.647/0.262 mV

Minnesota Code:  
 8-1-1  
 4-2-0(II,aVF,V5,V6)  
 5-2-1(V4)  
 5-1-0(V5)  
 3-1-2(V5)

Diagnosis Information:  
 800: Sinus Rhythm  
 621: Inverted T Wave(V4)  
 633: ST-T Abnormality(V5)  
 841: Premature Atrial Contraction

Report Confirmed by:





AVDHESH KR. SINHA

Chest PA

65

Male

64.2 %

12-05-24 2:13:21 PM

BOB

URMILA HEART & MULTISPECIALITY HOSPITAL, NAYA TOLA MUZAFFARPUR



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