



URMILA HEART
& MULTI SPECIALITY HOSPITAL

Address

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

PATHOLOGY REPORT

Name:- Mr. Irshad Ahmad	Age :34Y/M	Date :-09/04/2024
Ref. By :- Dr. Bank Of Baroda	(E.C.No172288)	Serial Number :- 091

<u>TEST</u>	<u>CBC (Complete Blood Count)</u>		<u>Reference Values</u>
	<u>RESULT</u>	<u>UNIT</u>	
Hb (Haemoglobin)	13.2	gm/dl	12 - 17
Total Leukocyte Count	8,500	/Cumm.	4000 - 11000
RBC Count	5.32	Million/Cumm.	3.8 - 5.8
PCV / Haematocrit	42.6	%	30 - 50
Platelet Count	2.86	Lakhs/c.mm	1.5 - 4.5
MCV	80.1	fl	80 - 100
MCH	26.0	pg	26 - 34
MCHC	32.8	gm/dl	31.5 - 35
Differential Leukocyte Count			
Neutrophil	65	%	40 - 70
Lymphocyte	25	%	20 - 40
Monocyte	02	%	02 - 10
Eosinophi	08	%	01 - 06
Basophil	00	%	< 1 - 2 %
ESR	16	mm/1 st hr.	00 - 20

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KFT (KIDNEY Function Test) – serum

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>
S. Urea	32.0	mg/dl	13 - 45
S. Creatinine	0.95	mg/dl	Male 0.7 - 1.4 Female 0.6 - 1.2
S. BUN	14.94	mg/dl	6.0 - 21
S. Sodium (Na ⁺)	142.0	mmol/ltr	135 - 150
S. Potassium(K ⁺)	4.09	mmol/ltr	3.5 - 5.5
S. Chloride(Cl ⁻)	98.1	mmol/ltr	94 - 110
S. Calcium	9.30	mg/dl	8.7 - 11.0
S. Uric Acid	9.02	mg/dl	Male 3.5 - 7.2 Female 2.5 - 6.2

BLOOD GROUPING

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

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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)	38.0	U/L	05 - 40
S. SGOT (AST)	32.0	U/L	05 - 40
S.GGT	35.0	U/L	05 - 45
S. Alkaline Phosphatase	97.3	U/L	Adult -- 25 - 140 Children (1 – 12 yrs.) -- 104 - 390
S. Total Protein	7.10	g/dl	6.0 - 8.3
S. Albumin	4.26	g/dl	3.2 - 5.0
S. Globulin	2.84	g/dl	2.8 - 4.5
S. A/G Ratio	1.50		

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Lipid Profile - serum

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>
S. Cholesterol	195.0	mg/dl	130 - 200
S. Triglycerides	150.0	mg/dl	Fasting: 25 - 160
S. VLDL-Cholesterol	30.0	mg/dl	10 - 40
S. HDL-Cholesterol	50.0	mg/dl	Male: 30 - 65 Female: 35 - 80
S. LDL-Cholesterol	115.0	mg/dl	60 - 150
Ratio of Cholesterol/HDL	3.90		Low Risk: <3.0 Average Risk: 03 - 5.0 High Risk: >5.0
LDL/HDL Ratio	2.30		1.5 - 3.5

BIOCHEMISTRY

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>
P. Glucose Fasting	86.0	mg/dl	70 - 110
P. Glucose-Post Prandial (after 1.30hrs meal)	125.0	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 (MBG) – 91.08 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	131.0	ng/dL	(60 - 200)
TOTAL THYROXINE (T4)	C.L.I.A	6.15	µg/dL	(4.5 - 12.0)
THYROID STIMULATING HORMONE (TSH)	C.L.I.A	3.06	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 expeted 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
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Refd.By:- Dr./Self.

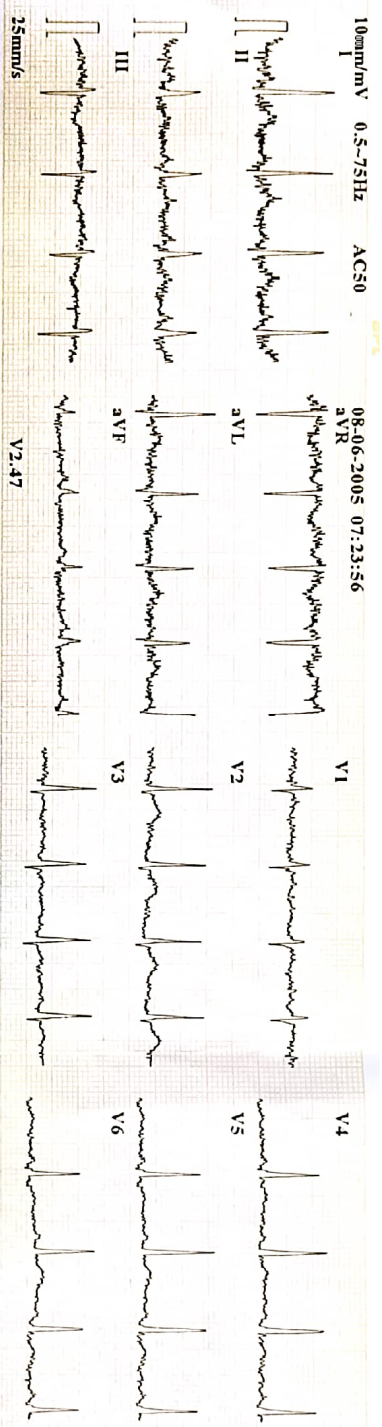
Date :- 09/04/2024
Sex:- M

Thanks for the kind referral.
USG of Whole Abdomen

- Liver: -** Liver is enlarged in size [157.7mm] & shows fatty infiltration..
No focal lesion seen or Intrahepatic ducts dilation seen.
Movment of both domes of diaphragm appears normal.
- GB:-** Contracted. Walls are not thickened. No evidence of
calculus,sludge,or mass lesion seen.
- C.B.D:-** C.B.D. is normal in calibre.
- Pancreas:-** Pancreas normal in size shape and echotexture.
- Spleen:-** Normal in shape,size & contour . (bipolar length is 91.1 mm)
- 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.
- Prostate :-** The prostate is normal in shape and size .
- Free fluid:-** No free fluid is noted in the peritoneal cavity.

Impression :- Hepatomegaly with fatty liver. Grade.I.
Contracted G.B.





10mm/mV 0.5-75Hz AC50 08-06-2005 07:23:56

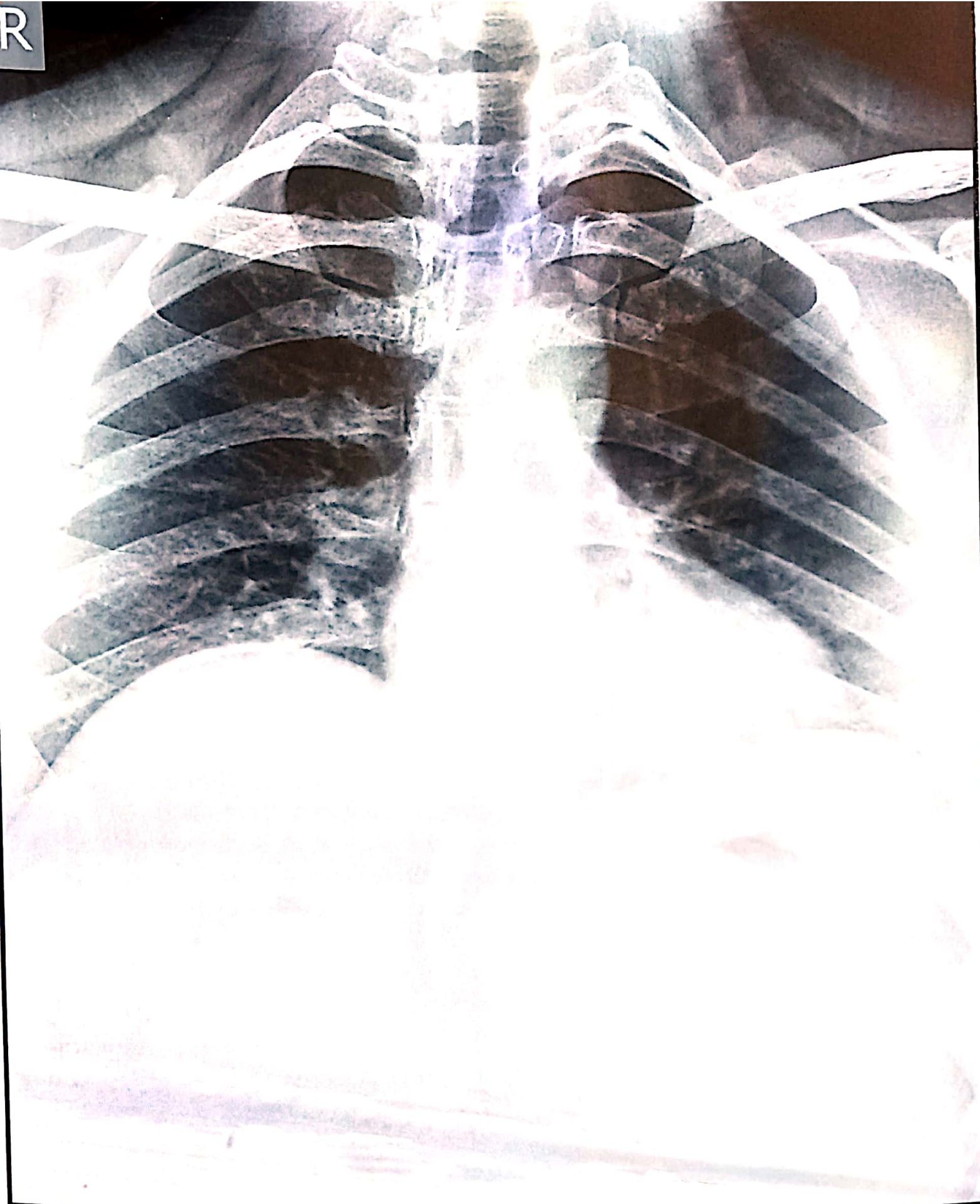
ID : 050608-0792
 Name : 34 yr
 Age : Male
 Sex : Male
 BP : mmHg
 Height : cm
 Weight : kg
 HR : 99 bpm
 P Dur : 84 ms
 PR int : 115 ms
 QRS Dur : 97 ms
 QT/QTc int : 327/421 ms
 P/QRS/T axis : 45/19/7 °
 RV5/SV1 amp : 1.352/0.360 mV
 RV6/SV2 amp : 1.692 mV
 RV6/SV2 amp : 1.090/0.134 mV

Torvald Ahn

Minnesota Code: 8-7-3
 6-5-0
 9-4-1(V3)
 Diagnosis Information:
 812: Sinus Tachycardia
 401: Short PR Interval

Report Confirmed by:

R



IRSHAD AHMAD
Chest PA

34 Male
09-04-24 1:51:49 PM

64.2 %
DR. A. K. SINGH

URMILA HEART & MULTISPECIALITY HOSPITAL, NAYA TOLA MUZAFFARPUR