



URMILA HEART & MULTI SPECIALITY HOSPITAL

Address

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

PATHOLOGY REPORT

Name:- Mrs. Sulekha Kumari

Age :36Y/F

Date :-20/02/2024

Ref. By :- Dr. Bank Of Baroda

(E.C.No99588)

Serial Number :- 0201

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	4.12	Million/Cumm.	3.8 - 5.8
PCV / Haematocrit	37.6	%	30 - 50
Platelet Count	1.30	Lakhs/c.mm	1.5 - 4.5
MCV	91.3	fl	80 - 100
MCH	28.4	pg	26 - 34
MCHC	31.8	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	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	23.0	mg/dl	13 - 45
S. Creatinine	0.88	mg/dl	Male 0.7 - 1.4 Female 0.6 - 1.2
S. BUN	10.74	mg/dl	6.0 - 21
S. Sodium (Na ⁺)	140.3	mmol/ltr	135 - 150
S. Potassium(K ⁺)	4.33	mmol/ltr	3.5 - 5.5
S. Chloride(Cl ⁻)	98.6	mmol/ltr	94 - 110
S. Calcium	9.10	mg/dl	8.7 - 11.0
S. Uric Acid	2.90	mg/dl	Male 3.5 - 7.2 Female 2.5 - 6.2

BLOOD GROUPING

Grouping (ABO)	:	"B" 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	0.73	mg/dl	Adults: 0.1 - 1.2 Infants: 1.2 - 12
S. SGPT (ALT)	44.0	U/L	05 - 40
S. SGOT (AST)	41.0	U/L	05 - 40
S.GGT	38.0	U/L	05 - 45
S. Alkaline Phosphatase	93.4	U/L	Adult -- 25 - 140 Children (1 – 12 yrs.) -- 104 - 390
S. Total Protein	7.09	g/dl	6.0 - 8.3
S. Albumin	3.97	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	150.0	mg/dl	130 - 200
S. Triglycerides	90.0	mg/dl	Fasting: 25 - 160
S. VLDL-Cholesterol	18.0	mg/dl	10 - 40
S. HDL-Cholesterol	40.0	mg/dl	Male: 30 - 65 Female: 35 - 80
S. LDL-Cholesterol	92.0	mg/dl	60 - 150
Ratio of Cholesterol/HDL	3.75		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	84.0	mg/dl	70 - 110
P. Glucose-Post Prandial (after 1.30hrs meal)	115.0	mg/dl	80 - 160

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GLYCOSYLATED HEMOGLOBIN

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>
HbA1c	4.12	%

Mean Blood Glucose level (MBG) – 91.4 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	113.8	ng/dL	(60 - 200)
TOTAL THYROXINE (T4)	C.L.I.A	4.05	µg/dL	(4.5 - 12.0)
THYROID STIMULATING HORMONE (TSH)	C.L.I.A	3.83	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	1.020
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

ECHOCARDIOGRAPHY REPORT

Name : Mrs. Sulekha Kumari
Date : 20/02/2024
IPID No. :
Ref. By : BOB

Age/Sex : 36/F
ECHO No. :
UHID No. :
Done By : Dr. Anil Kr. Singh

MITRAL VALVE

Morphology AML-**Normal**/Thickening/Calcification/Flutter/Vegetation/Prolapse/SAM/Doming
PML-**Normal**/Thickening/Calcification/Prolapse/Paradoxical motion/Fixed.

Subvalvular deformity Present/Absent. Score: _____
Doppler Normal/Abnormal E>A A>E
Mitral Stenosis Present/**Absent** RRInterval _____msec
EDG _____mmHg MDG mmHg MVAcm2
Mitral Regurgitation **Absent**/Trivial/Mild/Moderate/Severe.

TRICUSPID VALVE

Morphology **Normal**/Atresia/Thickening/Calcification/Prolapse/Vegetation/Doming.

Doppler **Normal**/Abnormal
Tricuspid stenosis Present/**Absent** RR interval _____msec.
EDG _____mmHg MDG _____mmHg
Tricuspid regurgitation: **Absent**/Trivial/Mild/Moderate/Severe Fragmented signals
Velocity msec. Pred. RVSP=RAP+ mmHg

PULMONARY VALVE

Morphology **Normal**/Atresia/Thickening/Doming/Vegetation.

Doppler **Normal**/Abnormal.
Pulmonary stenosis Present/**Absent** Level
PSG _____mmHg Pulmonary annulus _____mm
Pulmonary regurgitation Present/**Absent**
Early diastolic gradient _____mmHg. End diastolic gradient _____mmHg

AORTIC VALVE

Morphology **Normal**/Thickening/Calcification/Restricted opening/Flutter/Vegetation

No. of cusps 1/2/3/4
Doppler Normal/Abnormal
Aortic Stenosis Present/**Absent** Level
PSG mmHg Aortic annulus _____mm
Aortic regurgitation **Absent**/Trivial/Mild/Moderate/Severe.

<u>Measurements</u>	<u>Normal Values</u>
Aorta 2.6	(2.0 - 3.7cm)
LV es 2.2	(2.2 - 4.0cm)
IVS ed 0.9	(0.6 - 1.1cm)
RVed	(0.7 - 2.6cm)
LVVd (ml)	
EF 60%	(54%-76%)

<u>Measurements</u>	<u>Normal values</u>
LAes 2.5	(1.9 - 4.0cm)
LV ed 3.2	(3.7 - 5.6cm)
PW (LV) 0.9	(0.6 - 1.1cm)
RV Anterior wall	(upto 5 mm)
LVVs (ml)	
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

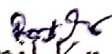
RA Normal/Enlarged/Clear/Thrombus

RV Normal/Enlarged/Clear/Thrombus

PERICARDIUM Normal/Thickening/Calcification/Effusion

COMMENTS & SUMMARY

All Chambers are normal in size
gd I LV Diastolic Dysfunction
Normal LV Systolic dysfunction
No RWMA/LVEF=60%
No MR/AR/PR/TR
Normal Pericardium


Dr. Anil Kr. Singh
Cardiologist

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

DATE :- 20/02/2024
SEX:- F

Thanks for the kind referral.
USG of Whole Abdomen

Liver:- Liver is normal in size [12.39 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 10.39cm).

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.

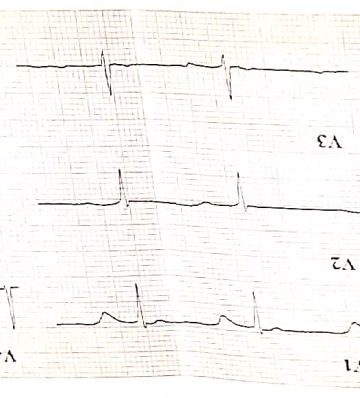
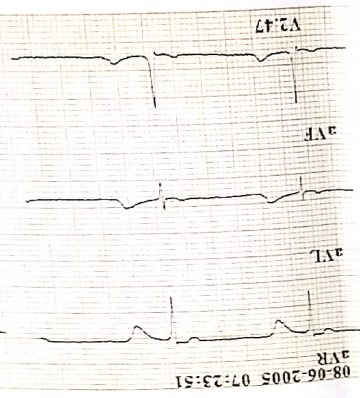
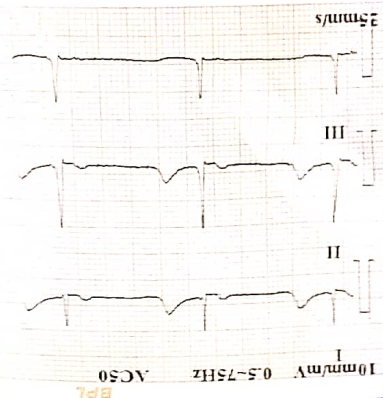
Uterus:- Uterus measures 7.82 x 4.17 x 3.39 cm.
Uterus is normal in size and normal echo texture.

Adnexa:- B/L ovaries are normal shape in size.

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

IMPRESSION :- Normal Study.


(Sonic/15/24)



ID : 050608-0792
 Name : *[Signature]*
 Age : 36 yr
 Sex : Female
 BP : mmHg
 Height : cm
 Weight : kg
 HR : 59 bpm
 P Dur : 106 ms
 PR int : 163 ms
 QRS Dur : 89 ms
 QT/QTc int : 382/380 ms
 P/QRS/T axis : 29/64/25°
 RV3/SV1 amp : 1.101/0.801 mV
 RV6/SV2 amp : 1.098/0.617 mV
 RV3+SV1 amp : 1.902 mV

Diagnosis Information:
 800: Sinus Rhythm
 Normal ECG

Report Confirmed by:

08-06-2005 07:23:51

10mm/mV 0.5-75Hz ACS0
 BpL

R



SULEGHA KUMARI
Chest PA

36 Female
20-02-24 3:28:45 PM

69.4 %
DR. A. K. SINGH

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