



STAR HOSPITAL

(A unit of Magadh Nursing Home)

An ISO 9001:2015 Certified Hospital



Between East of Alok Petrol Pump &
West of Mahindra Show Room in
Bypass Fourlane, Fatuha Road,
Bari Pahari, Patna
Ph.: 9431046838, 9334269730, 7488893768

NABH PREACCREDITED

Mrs. Smitika Kumari

38 yrs

Came for annual health check up

BP = $\frac{110}{70}$ mmHg

Pulse - 80/min
regular

SpO₂ - 99%

Ht 150cm
Bmi 27.1

Follow
Cyn / vit.
P/H 502

MHA - LMP - menarche at 10
Pap smear not done.

X-ray
Spleen / NHO-

Chem / NHO-

Blood investigation - within normal limit

Diet - Avoid fatty food.



Su L
10/06/2023



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Collection Date/Time : 10/06/2023/ 4:22:05 PM

Bill No : 23242658

Patient's Name : SULEKHA KUMARI

Referred By : Dr. Self

Reporting Date/Time 10/06/2023/ 4:25:01 PM

Uhid/Lab ID : 2324311 /

Age / Sex : 38 Years/Female

Bed No : //

BIO-CHEMISTRY EXAMINATION

Investigation Name	Result	Reference Range
BLOOD SUGAR FASTING	77.0 mg/dl	70 — 110
BLOOD SUGAR PP	95.8 mg/dl	70 — 140
GAMMA-GT	26.0 U/Lt	9 — 52 (Male:<55 (Female:<38

KIDNEY FUNCTION TEST

BLOOD UREA	26.0 mg/dl	5.0 — 40.0
SERUM CREATININE	0.60 mg/dl	0.6 — 1.4
SERUM URIC ACID	4.68 mg/dl	2.5 — 6.0
BUN	12.14 mg/dl	7.5 — 23.0

LIPID PROFILE

TOTAL CHOLESTEROL	154.0 mg/dl	140 — 200
TRIGLYCERIDE	128.0 mg/dl	30 — 160
HDL CHOLESTEROL	36.0 mg/dl	35 — 90
VLDL CHOLESTEROL	25.6 mg/dl	06 — 32
LDL CHOLESTEROL	92.4 mg/dl	85 — 130
LDL /HDL RATIO	2.57	1.5 — 3.0
TC / HDL	4.28	

< 3.0 - Low Risk
3.0 - 5.0 Avg. Risk
> 5.0 High Risk





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Quality Control : by Human Chemistry Control (BIO-RAD,U.S.A)

HAEMATOTOLOGY EXAMINATION

BLOOD GROUP

ABO GROUP

"O"

RH TYPE

POSITIVE

E S R


13.0 mm/hr

0 — 15


LAB TECHNICIAN



Dr. T.K. Chakraverti
M.B.B.S. M.D.
(Microbiology)
Reg. No.-35997/06



PATHOLOGIST
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BIO-CHEMISTRY EXAMINATION

Investigation Name	Result	Reference Range
LIVER FUNCTION TEST		
SERUM BILIRUBIN		
TOTAL	0.62 mg/dl	0.3 — 1.0
DIRECT	0.24 mg/dl	0.1 — 0.3
INDIRECT	0.38 mg/dl	0.2 — 0.7
SGPT	22.0 Iu/LT	05 — 40
SGOT	26.0 U/Lt	05 — 40
SERUM ALKALINE PHOSPHATASE	128.0 U/Lt	Adult :- 39 - 137 U/L New born : 95 - 368 U/L (<14 yrs) :- 58 - 460 IU/L
SERUM PROTEIN		
PROTEIN	6.89 gm/dl	6.0 — 8.0
ALBUMIN	3.62 gm/dl	3.7 — 5.3
GLOBULIN	3.27 gm/dl	2.3 — 3.6
A : G RATIO	1.11	1.0 — 2.3




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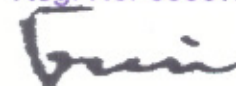
HAEMATOLOGY EXAMINATION

Investigation Name	Result	Reference Range
HGB	10.9 gm/dl	12 — 15
R.B.C	3.78 million/Cu mm	3.5 — 5.5
H.C.T	34.8 %	36 — 50
M.C.V	92.1 fl	73 — 91
M.C.H	28.8 pg	27 — 32
M.C.H.C	31.3 g/dL	31.5 — 34.5
PLATELET COUNT	1.48 Lakh's/Cu. mm	1.50 — 4.50
W.B.C	6,400 /cu mm	4000 — 11000
DIFFERENTIAL COUNT		
NEUTROPHILS	75 %	40 — 70
LYMPHOCYTES	20 %	20 — 40
EOSINOPHILS	02 %	01 — 06
MONOCYTES	03 %	02 — 10
BASOPHILS	00 %	00 — 02


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HAEMATOLOGY EXAMINATION

Investigation Name	Result	Reference Range
GLYCOCYLATED HAEMOGLOBIN (HbA1c)	4.68 %	Normal < 8.0 % Good Control : 8.0 – 9.0 % Fair Control : 9.0 – 10.0 % Poor Control : > 10.0 %

INTERPRETATION :

HbA1c is an indicator of glycaemic control .HbA1c has been thought to represent average glycaemia over the past 6-8 wks.A pt. in stable control will have 50 % of their HbA1c formed in the month before sampling, 25 % is in the month before that & the remaining 25 % in the month 2-4.LEVEL OF HbA1c : < 5.3 % :- may represent an acute & chronic possibility for severe hypoglycaemia events < 5.4-5.7 % :-Represents a very good level of diabetic control (caution should be used to avoid hypoglycaemia).5.8-7.2 % :- Represents a good level of diabetes control (continue to monitor frequently and strive for a reduction of HbA1c level to between 5.8 - 7.0) .- 8.0 % : - Represents a fair level of diabetes control(Suggest physician//patient / evaluation to determine where improvement can be made. >8.0 % :- Represents a sub-optimal level of diabetic control.(This level represents a significant increase in the risk for developing possible chronic complications).Effective intervention is strongly suggested, along with specific diagnostic tests.

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IMMUNOLOGY EXAMINATION

Investigation Name	Result	Reference Range
THYROID PROFILE		
T3	0.92 ng/ml	0.52 - 1.90 ng/ml.
T4	9.68 µg/dL	M- 4.4 - 10.8 µg/dL F - 4.8 - 11.6 µg/dL.
TSH	1.98 µIU/ml	0.30 - 6.02 µIU/ml.

Method :- Enhanced Pulse Chemiluminescence Assay by Lumax

Quality Control :- by appropriate lyphochek Immunoassay Plus Control(BIO-RAD,U.S.A).

The guidelines for pregnancy related reference ranges for T3,T4 & TSH :-

Levels in Pregnancy	Total T3 (ng/ml)	Total T4 (µg/dL)	TSH (µIU/ml)
1 st Trimester	0.52 - 1.90	6.6 - 12.4	0.1 - 2.5
2 nd Trimester	0.52 - 1.90	6.6 - 15.5	0.2 - 3.0
3 rd Trimester	0.52 - 1.90	6.6 - 15.5	0.3 - 3.0

The guidelines for age related reference ranges of T3,T4 & TSH :-

AGE	TOTAL T3 (ng/ml)	TOTAL T4 (µg/dL)	TSH (µIU/ml)
Premature Infants			0.8 - 5.2
CORD BLOOD	0.4 - 1.3	6.0 - 13.1	1.0 - 17.4
1 - 2 days	0.8 - 2.6	10.7 - 25.8	1.0 - 17.4
3 - 30 days	0.7 - 2.0	7.8 - 19.7	1.7 - 9.1
1 - 12 Months	1.0 - 2.3	5.4 - 13.8	0.8 - 9.1
1 - 7 years	1.2 - 2.0	5.3 - 12.3	0.8 - 8.2
7 - 13 years	1.1 - 2.0	6.0 - 11.1	0.7 - 7.0
13 - 18 years	1.0 - 1.8	4.9 - 10.7	0.7 - 5.7

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CLINICAL PATHOLOGY EXAMINATION

REPORT ON THE EXAMINATION OF URINE

PHYSICAL EXAMINATION

Volume	30 ml
Colour	Straw
Appearance	Clear
Sediments	Nil

CHEMICAL EXAMINATION

Specific Gravity	1.020
PH	6.0
SUGAR	Nil (Fasting/ pp)
ALBUMIN	Nil

MICROSCOPIC EXAMINATION

Erythrocytes / RBC	0-1 /hpf
Pus Cells	2-4 /hpf
Epithelial Cells	1-2 /hpf
Casts	Nil
Crystals	Nil
YEAST CELLS	Absent
MICRO-ORGANISM	Absent
Others	Nil

-\$ End of Report \$:-

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Bed No : //

HAEMATOLOGY EXAMINATION

Investigation Name	Result	Reference Range
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* PERIPHERAL BLOOD PICTURE, WHOLE BLOOD

Microscopy

RBCs are predominantly normocytic normochromic. No nucleated cell is noted.

Anisocytosis + Poikilocytosis +

Reticulocyte count is normal, indicating normal bone marrow response.

WBC: Normal in count and morphology. No immature cell is noted.

PLATELETS are adequate in count.

IMPRESSION: Normal Study

-\$ End of Report \$:-

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NABH PREACCREDITED

Mrs. SULEKHA KUMARI 38 Y/F

JUNE 10, 2023.

Refd. by Star Hospital.

X-Ray Chest PA View:-

The lung fields are clear.
Both C P angles are clear.
The heart is normal.





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NABH PREACCREDITED

No: 01.

June 10, 2023

Mrs. Sulekha Kumari. 38/F.

Refd. by Star Hospital.

U. S. G. of Whole Abdomen

LIVER: Normal in shape, size and echotexture. Intra hepatic ducts and vessels are of normal caliber. Right lobe measures 110 mm and left lobe measures 65 mm in cranio caudal length.

GALL BLADDER: Normal in shape and size. Lumen is echofree. Wall thickness is normal.

C.B.D. & PORTAL VEIN: No abnormality seen. CBD measures 3.0 mm and PV 8.0 mm in caliber.

PANCREAS: Normal in shape, size and echotexture.

BOTH KIDNEYS: Right kidney measures 90 mm x 37 mm. Left kidney measures 95 mm x 39 mm. No mass, cyst or calculus. P C S Not Dilated. No Hydronephrosis. The C.M D is well maintained.

SPLEEN: Normal in shape, size and echopattern. Size measures 85 x 35 mm. SV – Normal.

URINARY BLADDER: Echofree and no abnormality seen. UB wall is of normal thickness. Pre void urine volume 380 ml and post void residual urine volume 15 ml. (insignificant)

UTERUS: Normal in shape, size and echotexture. Endometrial lining is central and normal thickness. Endometrial canal is empty. Uterus measures 87 x 35 mm. Cervix appears normal.

BOTH OVARIES: Normal in shape, size and echotexture. No mass or cyst seen. Right ovary size measures 33 x 15 mm and Left ovary size measures 32 x 16 mm.

OTHER: P.O.D. (culde sac) is free from any collection. No ascites. No basal pleural effusion. No enlarged lymph nodes. No mass, lump or abscess in iliac scan.

OPINION: Normal Study of Liver, Gall bladder, CBD, PV, Pancreas, Kidneys, Spleen, Urinary bladder, Uterus and Both ovaries.





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ECHOCARDIOGRAPHY & COLOR DOPPLER REPORT

Patient's Name : Mrs. Sulekha Kumari
Ref. by : OPD

Age/Sex : 38Yr/F
Date : 10-Jun-23

ECHOCARDIOGRAPHIC WINDOW : Good

2D & M MODE ECHOCARDIOGRAPHY

Left ventricle

EDD:	41	mm (50 - 28 mm / m ²)	ESD:	26	mm (6 - 11 mm)
IVS:	08	mm (6 - 11 mm)	PW:	08	mm (6 - 11 mm)
Ejection fraction:	66%	(67 ± 8%)	FS:	35	% (34 - 44 %)

Left atrium/ Aorta 38/27mm
 Right ventricle Normal
 Right atrium Normal
 Pericardium Normal with no pericardial effusion

2D:

Normal LA/LV size and normally contracting left ventricle.
No LVH, No RWMA

Mitral valve

AML/ PML: Normal
 Tricuspid valve Normal
 Aortic valve Normal
 Pulmonary valve Normal

Continuous & Pulse Wave Doppler study

Valve	Velocity (m/sec)			Gradient (mmHg)			Valve area (PHT Method)	Regurg.
	Peak	Mean	EDV	Peak	Mean	EDG		
Mitral	E=1.0 A=0.6			4.0	1.6		4.6 cm ²	Nil
Tricuspid	E=0.6 A=0.4			1.2	0.4			Nil
Aortic	1.2			5.6	1.6			Nil
Pulmonary	0.9			3.4	1.3			Nil

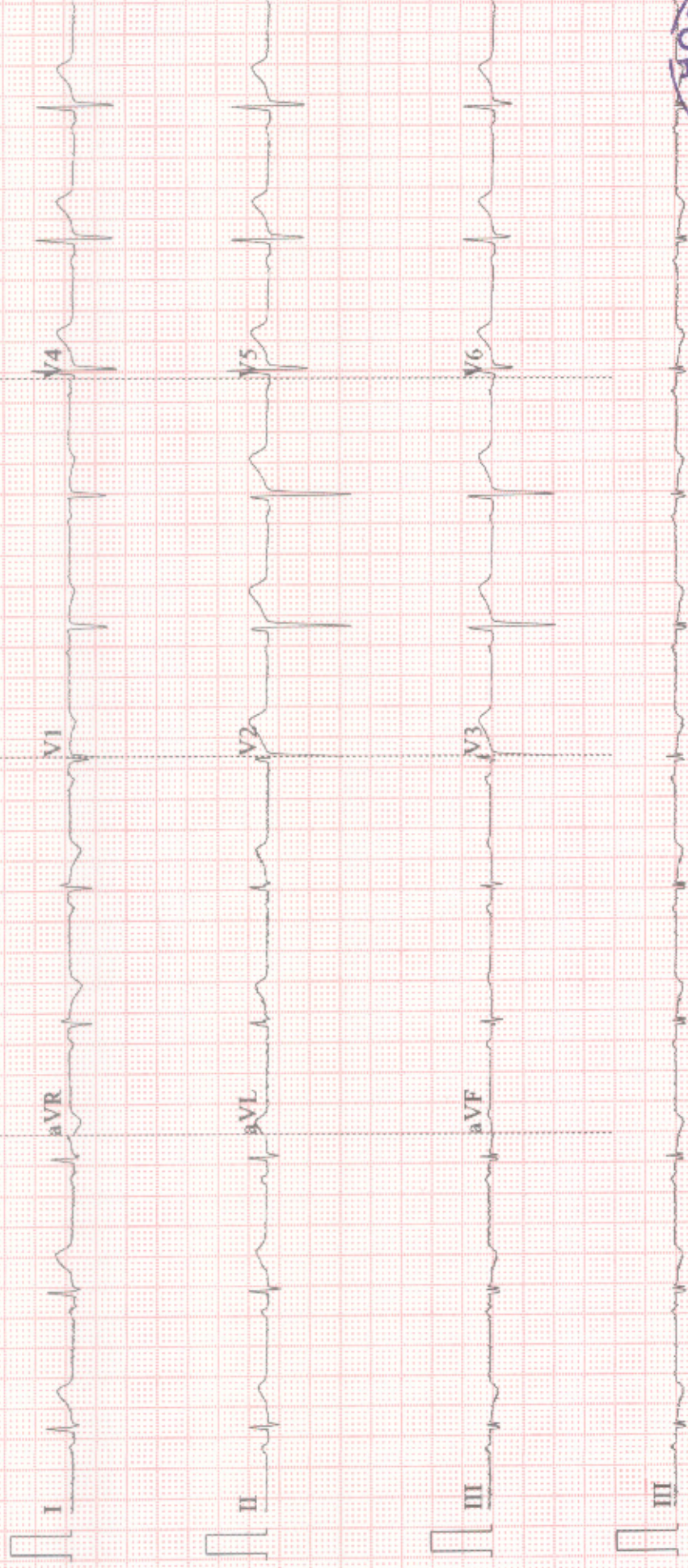
10-06-2023 09:43:10 AM

ID: J
sufekha kumari
Female 38Years
cm kg / mmHg
Room No. :

HR : 68 bpm
P : 99 ms
PR : 158 ms
QRS : 68 ms
QT/QTc : 369/394 ms
P/QRS/T : 55/-6/6 °
RV5/SV1 : 0.639/0.596 mV

Diagnosis Information:
Sinus Rhythm
Normal ECG

Report Confirmed by:





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Colour Flow Imaging

No MR/TR/PR, No AR

No flow shunt

COMMENTS:

- ◆ Normal all chambers size
- ◆ Normal LV/RV filling pressure
- ◆ Normal contracting LAD, RCA & LCx regions
- ◆ Normal diastolic flow
- ◆ Normal LV systolic function
- ◆ No RWMA, LVEF = 66 %
- ◆ All cardiac valves are normal
- ◆ No MS /TS/AS/ PS /MR/TR/PR
- ◆ No clot / vegetation / pericardial effusion.

IMPRESSION:

Normal chambers dimension

Normal LV & RV systolic function

All cardiac valves are normal

No RWMA, LVEF – 66 %

Normal diastolic flow.

Please correlate clinically
Not valid for medicolegal purposes

SIGNATURE
DR. RANJEET KUMAR
(CONSULTANT CARDIOLOGY)
MBBS, PGDCC, CCEBDM
EX-Senior Registrar, RTIICS, KOLKATA

