



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

Mr. Basun Kumar
37yrs

Came for annual Health Check up

wt 90kg
HT 173cm
BMI 30.1

Bp = $\frac{120}{80}$ mmHg

Pulse 96/min
regular

Spo2 - 99%

Liver
Cepo (w/),
94
RA 62L
Liver spleen (w/)
Chole
as (w/)

Diet - obese - Avoid fatty diet
Blood investigation - within normal limit



Su. L
18/06/2023



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Ph.: 9431046838, 9334269730, 7488893768

Collection Date/Time : 10/06/2023/ 4:30:02 PM

Bill No : 23242657

Patient's Name : BARUN KUMAR

Referred By : Dr. Self

Reporting Date/Time 10/06/2023/ 4:32:03 PM

Uhid/Lab ID : 2324312 /

Age / Sex : 37 Years/Male

Bed No : //

BIO-CHEMISTRY EXAMINATION

Investigation Name	Result	Reference Range
BLOOD SUGAR FASTING	108.0 mg/dl	70 — 110
BLOOD SUGAR PP	126.2 mg/dl	70 — 140
GAMMA-GT	24.0 U/Lt	9 — 52 (Male: <55 (Female: <38)

KIDNEY FUNCTION TEST

BLOOD UREA	32.0 mg/dl	5.0 — 40.0
SERUM CREATININE	0.90 mg/dl	0.60 — 1.20
SERUM URIC ACID	3.68 mg/dl	3.4 — 7.0
BUN	14.94 mg/dl	7.5 — 23.0

LIPID PROFILE

TOTAL CHOLESTEROL	172.0 mg/dl	140 — 200
TRIGLYCERIDE	128.0 mg/dl	30 — 160
HDL CHOLESTEROL	38.0 mg/dl	35 — 90
VLDL CHOLESTEROL	25.6 mg/dl	06 — 32
LDL CHOLESTEROL	108.4 mg/dl	85 — 130
LDL /HDL RATIO	2.85	1.5 — 3.0
TC / HDL	4.53	

< 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)

HAEMATOLOGY EXAMINATION

BLOOD GROUP

ABO GROUP

"B"

RH TYPE

POSITIVE

E S R

11.0 mm/hr

0 — 15


LAB TECHNICIAN



Dr. T.K. Chakraverti
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BIO-CHEMISTRY EXAMINATION

Investigation Name	Result	Reference Range
LIVER FUNCTION TEST		
SERUM BILIRUBIN		
TOTAL	0.72 mg/dl	0.3 — 1.0
DIRECT	0.26 mg/dl	0.1 — 0.3
INDIRECT	0.46 mg/dl	0.2 — 0.7
SGPT	177.0 Iu/LT	05 — 40
SGOT	118.0 U/Lt	05 — 40
SERUM ALKALINE PHOSPHATASE	138.0 U/Lt	Adult :- 39 - 137 U/L New born : 95 - 368 U/L (<14 yrs) :- 58 - 460 IU/L
SERUM PROTEIN		
PROTEIN	7.00 gm/dl	6.0 — 8.0
ALBUMIN	3.72 gm/dl	3.7 — 5.3
GLOBULIN	3.28 gm/dl	2.3 — 3.6
A : G RATIO	1.13	1.0 — 2.3

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HAEMATOLOGY EXAMINATION

Investigation Name	Result	Reference Range
HGB	13.0 gm/dl	13 — 17
R.B.C	4.37 million/Cu mm	3.5 — 5.5
H.C.T	40.9 %	40 — 54
M.C.V	93.6 fl	73 — 91
M.C.H	29.7 pg	27 — 32
M.C.H.C	31.7 g/dL	31.5 — 34.5
PLATELET COUNT	1.41 Lakh's/Cu. mm	1.50 — 4.50
W.B.C	10,800 /cu mm	4000 — 11000
DIFFERENTIAL COUNT		
NEUTROPHILS	67 %	40 — 70
LYMPHOCYTES	28 %	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)	5.68 %	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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Bed No : //

IMMUNOLOGY EXAMINATION

Investigation Name	Result	Reference Range
THYROID PROFILE		
T3	0.98 ng/ml	0.52 -1.90 ng/ml.
T4	9.99 µg/dL	M- 4.4 - 10.8 µg/dL F - 4.8 - 11.6 µg/dL.
TSH	1.07 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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Bed No : //

CLINICAL PATHOLOGY EXAMINATION

REPORT ON THE EXAMINATION OF URINE

PHYSICAL EXAMINATION

Volume	30 ml
Colour	Pale Yellow
Appearance	Clear
Sediments	Nil

CHEMICAL EXAMINATION

Specific Gravity	1.025
PH	6.5
SUGAR	Nil (Fasting pp)
ALBUMIN	Nil

MICROSCOPIC EXAMINATION

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

-\$ End of Report \$-

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Uhid/Lab ID : 2324312/

Age / Sex : 37Years/male

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

Mr. BARUN KUMAR 37 Y/M

Refd. by Star Hospital.

JUNE 10, 2023.

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: 02.

June 10, 2023.

Mr. Barun Kumar. 37/M

Refd. by Star Hospital.

U. S. G. of Whole Abdomen

LIVER: Normal in size, but parenchyma shows increased echotexture. Intra hepatic ducts and vessels are within normal limits. Right lobe measures 140 mm and Left lobe measures 78 mm in cranio caudal length.

GALL BLADDER: Normal in shape and size. Lumen is echofree. GB wall is of normal thickness.

C.B.D. & PORTAL VEIN: No abnormality seen. CBD measures 3.1 mm and PV 8.6 mm in caliber.

PANCREAS: Normal in shape, size and echotexture.

BOTH KIDNEYS: Right kidney measures 94 mm x 40 mm. Left kidney measures 98 mm x 45 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 96 mm x 36 mm. SV – Normal.

URINARY BLADDER: Echofree and no abnormality seen. UB wall is of normal thickness. Pre void urine volume 340 ml and post void residual urine volume 10 ml. (insignificant)

PROSTATE: Normal in shape, size and echotexture. Weight = 16 Grams, approx.

OTHER: No evidence of ascites/peritoneal collection. No basal pleural effusion. No enlarged lymph nodes. No mass, lump or abscess in iliac scan.

OPINION: Grade ' II ' Fatty Liver.
No evidence of ascites.





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ECHOCARDIOGRAPHY & COLOR DOPPLER REPORT

Patient's Name : MR.kumar Barun

Age/Sex 37 Yrs/M

Date : 10-Jun-23

ECHOCARDIOGRAPHIC WINDOW : Good

2D & M MODE ECHOCARDIOGRAPHY

Left ventricle

EDD:	48	mm (50 - 28 mm / m ²)	ESD:	26	mm (6 - 11mm)
IVS:	08	mm (6 - 11 mm)	PW:	08	mm (6 - 11 mm)
Ejection fraction:		66% (67± 8%)	FS:	33	%(34 - 44 %)

Left atrium/ Aorta 29/24 mm

Right ventricle Normal

Right atrium Normal

Pericardium Normal with no pericardial effusion

2D:

Normal LA & LV Size and normally contracting left ventricle.
No LVH.

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=0.7 A=1.1			4.0	2.0			Nil
Tricuspid	E=0.5 A=0.3			1	0.2			Nil
Aortic	1.12			5.0	2.5			Nil
Pulmonary	0.9			3.5	1.7			NIL



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Colour Flow Imaging

No MR/ AR, No PR/ TR

No shunt flow

COMMENTS:

- ◆ Normal LA and LV size
- ◆ Increased LV filling Pressure
- ◆ Normal LV systolic function
- ◆ Grade I LV diastolic dysfunction
- ◆ Global LVEF = 66%
- ◆ All cardiac valves are normal
- ◆ No PAH, No LVH, no MR
- ◆ No MS / TS / AS / PS / PR/TR
- ◆ No clot / vegetation / pericardial effusion.

IMPRESSION:

Normal LA & LV Cavity

No RWMA, No PAH

Normal LV systolic function, LVEF – 66%

Grade I LV Diastolic Dysfunction.

Please correlate clinically
Not valid for medicolegal purposes

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



ID: 2
Mr Kumar barun
Male 37 Years
cm kg / mmHg
Room No. :

HR : 86 bpm
P : 95 ms
PR : 132 ms
QRS : 85 ms
QT/QTc : 322/385 ms
P/QRS/T : 48/33/9 °
RV5/SV1 : 1.23/40.86/9 mV

Diagnosis Information:
Sinus Rhythm
Normal ECG

Report Confirmed by:

