



# 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

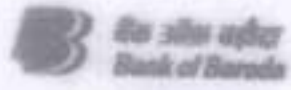
**RAJNISH KUMAR 37 Y/M**  
Refd. by Star Hospital.

**09 MARCH, 2024**

**X-Ray Chest PA View:-**

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



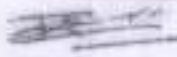


नाम राजनीश कुमार  
Name Rajesh Kumar

E.C. No. 170687



  
बारीबोरो प्राधिकारी  
Issuing Authority

  
धारक के हस्ताक्षर  
Signature of Holder



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Rajnish Kumar

57 ysm

wt 60kg 90  
HT 156cm  
BMC 24.7

Came for annual Health Check up  
Pulse - 81/min  
PBP -  $\frac{120}{70}$   
SpO2 - 99%

Heart  
Lungs / w/

RA 5/2

Liver  
Spleen / NAD

Chole  
Lvs / NAD

Abdomen Par  $\left\{ \begin{array}{l} R 6/6 \\ L 6/6 \end{array} \right.$  Men  $\left\{ \begin{array}{l} R N 6 \\ L N 6 \end{array} \right.$  Cytanosis Normal  
without glan

Chest on PA view -  $\left\{ \begin{array}{l} \text{with glan} \\ \text{without Normal hnd} \end{array} \right.$

ECG - Normal

echoc - within Normal hnd

USG of whole abdomen - grade I fatty liver  
mild splenomegaly



Signature  
01/2/2024



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**DR. ASHISH RANJAN SINGH**

BDS (Hon) MU

Consultant Oral & Dental Surgeon

Ph.: 9470585838, 9852542738

**DR. VINAY KUMAR**

BDS, MIDA

Consultant Oral Dental Surgeon

Not for Medico Legal Purpose

Name: Rajnish Kumar

Date: 9/3/24

Add: .....

Age/Sex: 37y/M

RE:- Pt comes for Dental check up

FC:-

- Stain +
- Calculus +

Adv:-

Scaling to be done

1  
John  
9/3/24



नोट: यहाँ दाँत, मँह एवं जबड़ा से संबंधित सभी रोगों का इलाज होता है।



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Collection Date/Time : 09/03/2024/ 10:12:08 AM  
Bill No : 232413370  
Patient's Name : MR. RAJNISH KUMAR  
Referred By : Dr. Self

Reporting Date/Time 09/03/2024/ 4:15:16 PM  
Uhid/Lab ID : 23241718 /  
Age / Sex : 37 Years/Male  
Bed No : //

## HAEMATOLOGY EXAMINATION

Investigation Name	Result	Reference Range
HGB	11.8 gm/dl	13 — 17
R.B.C	4.05 million/Cu mm	3.5 — 5.5
H.C.T	36.6 %	40 — 54
M.C.V	88.8 fl	73 — 91
M.C.H	29.2 pg	27 — 32
M.C.H.C	32.8 g/dL	31.5 — 34.5
PLATELET COUNT	1.43 Lakh's/Cu. mm	1.50 — 4.50
W.B.C	6,600 /cu mm	4000 — 11000
<b>DIFFERENTIAL COUNT</b>		
NEUTROPHILS	77 %	40 — 70
LYMPHOCYTES	20 %	20 — 40
EOSINOPHILS	01 %	01 — 06
MONOCYTES	02 %	02 — 10
BASOPHILS	00 %	00 — 02



LAB TECHNICIAN

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

PATHOLOGIST  
DR. T. K. CHAKRAVERTI  
MBBS, MD(MICRO)



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### BIO-CHEMISTRY EXAMINATION

Investigation Name	Result	Reference Range
BLOOD SUGAR FASTING	125 mg/dl	70 — 110
BLOOD SUGAR PP	188 mg/dl	70 — 140
GAMMA-GT	26.0 U/Lt	9 — 52 (Male: <55 (Female: <38

### KIDNEY FUNCTION TEST

BLOOD UREA	18.0 mg/dl	5.0 — 40.0
SERUM CREATININE	0.80 mg/dl	0.60 — 1.20
SERUM URIC ACID	4.62 mg/dl	3.4 — 7.0
BUN	8.41 mg/dl	7.5 — 23.0

### LIPID PROFILE

TOTAL CHOLESTEROL	171 mg/dl	140 — 200
TRIGLYCERIDE	119 mg/dl	30 — 160
HDL CHOLESTEROL	52.0 mg/dl	35 — 90
VLDL CHOLESTEROL	23.8 mg/dl	06 — 32
LDL CHOLESTEROL	95.2 mg/dl	85 — 130
LDL /HDL RATIO	1.83	1.5 — 3.0
TC / HDL	3.29	< 3.0 - Low Risk 3.0 - 5.0 Avg. Risk > 5.0 High Risk





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Bed No : //

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

URINE SUGAR

+(Pp)

## HAEMATOLOGY EXAMINATION

BLOOD GROUP

ABO GROUP

RH TYPE

"A"

POSITIVE

E S R

17.0 mm/hr

0 — 15



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## BIO-CHEMISTRY EXAMINATION

Investigation Name	Result	Reference Range
<b>LIVER FUNCTION TEST</b>		
<b>SERUM BILIRUBIN</b>		
TOTAL	0.62 mg/dl	0.3 — 1.0
DIRECT	0.21 mg/dl	0.1 — 0.3
INDIRECT	0.41 mg/dl	0.2 — 0.7
SGPT	35.0 IU/LT	05 — 40
SGOT	28.0 U/Lt	05 — 40
SERUM ALKALINE PHOSPHATASE	169 U/Lt	Adult : 39 - 137 U/L New born : 95 - 368 U/L ( < 14 yrs ) : 58 - 460 IU/L
<b>SERUM PROTEIN</b>		
PROTEIN	6.89 gm/dl	6.0 — 8.0
ALBUMIN	3.93 gm/dl	3.7 — 5.3
GLOBULIN	2.96 gm/dl	2.3 — 3.6
A : G RATIO	1.33	1.0 — 2.3



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## HAEMATOLOGY EXAMINATION

Investigation Name	Result	Reference Range
GLYCOCYLATED HAEMOGLOBIN (HbA1c)	8.37 %	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
<b>THYROID PROFILE</b>		
T3	0.91 ng/ml	0.52 - 1.90 ng/ml
T4	8.96 µg/dL	M- 4.4 - 10.8 µg/dL F - 4.8 - 11.6 µg/dL
TSH	2.02 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 <sup>st</sup> Trimester	0.52 - 1.90	6.6 - 12.4	0.1 - 2.5
2 <sup>nd</sup> Trimester	0.52 - 1.90	6.6 - 15.5	0.2 - 3.0
3 <sup>rd</sup> 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 : Straw  
Appearance : Clear  
Sediments : Nil

#### CHEMICAL EXAMINATION

Specific Gravity : 1.015  
PH : 6.5  
SUGAR : Nil  
ALBUMIN : Nil

#### MICROSCOPIC EXAMINATION

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

-\$ End of Report \$:-



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Collection Date/Time: 09/03/2024/ 10:05:23 AM

Bill No : 232413370

Patient's Name : MR. RAJNISH KUMAR

Referred By : Dr. Self

Reporting Date/Time: 09/03/2024/4:27:14 PM

Uhid/Lab ID : 23241718 /

Age / Sex : 37 Years/male

Bed No : //

## HAEMATOLOGY EXAMINATION

Investigation Name	Result	Reference Range
--------------------	--------	-----------------

### \* 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.

IMPRESSION: Normal Study  
Malaria Parasite:-Not Seen.

-\$ End of Report \$:-



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## ECHOCARDIOGRAPHY & COLOR DOPPLER REPORT

Patient's Name : Rajnish kumar

Age/Sex 37Yrs /M

Date :-9/03/2024

### ECHOCARDIOGRAPHIC WINDOW :Good

### 2D & M MODE ECHOCARDIOGRAPHY

#### Left ventricle

EDD:	45	mm ( 20 - 28 mm / m <sup>2</sup> )	ESD:	28	mm(13 - 21 mm /m <sup>2</sup> )
IVS :	09	mm ( 6 - 11 mm )	PW:	09	mm( 6 -11 mm )
Ejection fraction:	66% ( 67 ± 8% )		FS:	36 % ( 34 - 44 % )	
IVS:	Intact		LV clot	Absent	

Left atrium/ Aorta 35/28mm

Right ventricle Normal

Right atrium Normal

Pericardium Normal with no pericardial effusion

#### 2D:

Normal LA & LV Size and normally contracting left ventricle. 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=0.6 A=1.0			4.0	2.0			Nil
Tricuspid	E=0.5 A=0.3			1	0.2			Trivial
Aortic	1.12			5.0	2.5			Nil
Pulmonary	0.9			3.5	1.7			NIL





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## Colour Flow Imaging

No PR, No AR, No MR, Trivial TR  
No shunt flow

## COMMENTS :

- ◆ Normal LA & LV cavity
- ◆ Normal LV filling Pressure
- ◆ Normal RWMA
- ◆ Normal LV systolic function
- ◆ Normal Diastolic Flow
- ◆ Global LVEF = 66%
- ◆ All cardiac valves are normal
- ◆ Trivial TR, No MR, No PAH,
- ◆ No MS / TS / AS / PS / PR
- ◆ No clot / vegetation / pericardial effusion.

## IMPRESSION:

Normal LA & LV Cavity

No RWMA, Trivial TR

Normal Diastolic Flow

Normal LV systolic function, LVEF – 66%

Please correlate clinically  
Not valid for medicolegal purposes

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





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No: 06.

March 9, 2024.

Mr. Rajnish 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 135 mm and Left lobe measures 76 mm in cranio caudal length.

**GALL BLADDER:** Not visualised. (H/O Cholecystectomy). GB fossa is clear. No collection.

**C.B.D. & PORTAL VEIN:** No abnormality seen. CBD measures 3.3 mm and PV 8.5 mm in caliber.

**PANCREAS:** Normal in shape, size and echotexture.

**BOTH KIDNEYS:** Right kidney measures 89 mm x 42 mm. Left kidney measures 94 mm x 46 mm. No mass, cyst or calculus. P C S Not Dilated. No Hydronephrosis. The C M D is well maintained.

**SPLEEN:** Mild enlarged with normal echopattern. Size measures 128 mm x 45 mm. SV – Normal.

**URINARY BLADDER:** Echofree and no abnormality seen. UB wall is of normal thickness. Pre void urine volume 190 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 ' 1 ' Fatty Liver.

Mild Splenomegaly.

No evidence of ascites.



*llh*  
Consultant Sonologist

ID: 4  
ramish kumar  
Male 37years  
cm kg  
Room No. mmHg

HR : 80 bpm  
P : 105 ms  
PR : 138 ms  
QRS : 89 ms  
QTc : 339.093 ms  
PQRST : 66.7641 s  
RV5SV1 : 1.1140.388 mV

Diagnosis Information:  
Sinus Rhythm  
\*\*\*Normal ECG\*\*\*

Report Confirmed by:

