



DEPARTMENT OF LABORATORY

NAVI MUMBAI

Patient Name : Mr. SUMIT SHEKHAR GHOSH	Age / Gender : 35 Y(s)/Male
Bill No/ UMR No : NMBC68043/NMU0051822	Referred By : Dr. DMO
Received Dt : 27-Apr-24 09:45 am	Report Date : 27-Apr-24 03:17 pm

FINAL REPORT

<u>Parameters</u>	<u>Specimen</u>	<u>Result</u>	<u>Biological Reference Intervals</u>	<u>Method</u>
CUE(COMPLETE URINE EXAMINATION)				
<u>PHYSICAL EXAMINATION</u>				
VOLUME	Urine	20ML		
COLOUR		PALE YELLOW	PALE YELLOW	
APPEARANCE		CLEAR	CLEAR	
DEPOSIT		ABSENT	ABSENT	
<u>CHEMICAL EXAMINATION</u>				
SPECIFIC GRAVITY	Urine	1.000	1.000 - 1.030	Dipstick
PH		5.5	5.0 - 8.0	Dipstick
PROTEIN		NEGATIVE	NEGATIVE	Dipstick/Heat coagulation test
GLUCOSE		ABSENT	ABSENT	Dipstick/Benedict's test
UROBILINOGEN		NORMAL	NORMAL	Dipstick
KETONE		NEGATIVE	NEGATIVE	Dipstick/Rothera's Nitroprusside test.
BILIRUBIN		NEGATIVE	NEGATIVE	Dipstick/Fouchet's test
BILE SALT		NEGATIVE	NEGATIVE	Hay's sulphur powder test
BILE PIGMENT		NEGATIVE	NEGATIVE	Fouchet test
NITRITE		NEGATIVE	NEGATIVE	Dipstick
LEUCOCYTE ESTERASE		NEGATIVE	NEGATIVE	
<u>MICROSCOPIC EXAMINATION</u>				
PUS CELLS	Urine	2-3	0 - 5 /hpf	MICROSCOPIC EXAMINATION
RBC		0-1	0 - 5 /hpf	MICROSCOPIC EXAMINATION
EPITHELIAL CELLS		OCCASIONAL	0 - 5 /hpf	MICROSCOPIC EXAMINATION
CRYSTALS		NIL	NIL	MICROSCOPIC EXAMINATION
CASTS		NIL	NIL	MICROSCOPIC EXAMINATION
BACTERIA		ABSENT		MICROSCOPIC EXAMINATION
YEAST		ABSENT		MICROSCOPIC EXAMINATION
AMORPHOUS DEPOSITS		ABSENT		MICROSCOPIC EXAMINATION
SPERMATOZOA				MICROSCOPIC EXAMINATION
MUCUS THREAD		ABSENT		MICROSCOPIC EXAMINATION
NOTE		Microscopic examination of urine is carried out on centrifuged urinary sediment.		





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<u>Parameters</u>	<u>Specimen</u>	<u>Result</u>	<u>Biological Reference In Method</u>
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*** End Of Report ***





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Bill No/ UMR No : NMBC68043/NMU0051822	Referred By : Dr. DMO
Received Dt : 27-Apr-24 09:45 am	Report Date : 27-Apr-24 01:36 pm

FINAL REPORT

<u>Parameter</u>	<u>Specimen</u>	<u>Result Values</u>	<u>Biological Reference</u>	<u>Method</u>
COMPLETE BLOOD COUNT				
RBC				
R B C COUNT	Blood	4.97	4.5 - 5.5 $10^6/\mu\text{L}$	
HEMOGLOBIN		15.5	13.0 - 17.0 g/dl	
PCV/HCT		45.8	40 - 50 % 36 - 46 %	
MCV		92	83 - 101 fl 83 - 101 fl	
MCH		31.2	27 - 32 pg	
MCHC		33.8	31.5 - 34.5 g/dL	
RDW(cv)		13.4	11.6 - 14.0 %	
PLATELETS				
PLATELET COUNT	Blood	147	150 - 400 $10^3/\mu\text{L}$	
MPV		10.1	7.5 - 11.5 fl	
WBC				
TC (TOTAL LEUCOCYTE COUNT)	Blood	5.8	4.0 - 11.0 $10^3/\mu\text{l}$	
DIFFERENTIAL COUNT				
NEUTROPHILS	Blood	56	40 - 80 %	
LYMPHOCYTES		35	20 - 40 %	
MONOCYTES		05	02 - 10 %	
EOSINOPHILS		04	00 - 06 %	
BASOPHILS		00	00 - 01 %	
PERIPHERAL SMEAR EXAMINATION		:		
RBC		Predominantly normocytic normochromic.		
WBC		Normal morphology.		
PLATELETS		Borderline reduced in smear.		
ESR	CITRATED BLOOD	12	0 - 10 mm/1st hour	WESTERGREN'S METHOD

*** End Of Report ***





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Bill No/ UMR No : NMBC68043/NMU0051822	Referred By : Dr. DMO
Received Dt : 27-Apr-24 09:45 am	Report Date : 27-Apr-24 12:33 pm

<u>Parameters</u>	<u>Specimen</u>	<u>Result</u>	<u>Biological Reference In Method</u>
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NAVI MUMBAI

Patient Name : Mr. SUMIT SHEKHAR GHOSH	Age / Gender : 35 Y(s)/Male
Bill No/ UMR No : NMBC68043/NMU0051822	Referred By : Dr. DMO
Received Dt : 27-Apr-24 09:46 am	Report Date : 27-Apr-24 12:50 pm

FINAL REPORT

<u>Parameters</u>	<u>Specimen</u>	<u>Result</u>	<u>Biological Reference Intervals</u>	<u>Method</u>
HBA1C (GLYCOSYLATED HAEMOGLOBIN)				
HBA1C		5.0	< 5.7 Normal Prediabetic 5.7 - 6.4 & \geq 6.5 Diabetic %	TINIA
MPG(Mean Plasma Glucose)		97	Excellent Control : 90 - 120 mg/dL Good Control : 121 - 150 mg/dL	
FBS (FASTING BLOOD GLUCOSE WITH URINE GLUCOSE)				
FASTING BLOOD GLUCOSE		78	Normal Range : 70 - 99 mg/dL	Hexokinase
SERUM CREATININE				
CREATININE		0.94	0.8 - 1.3 mg/dl	Method : jaffe
BUN / CREATININE RATIO				
BUN (Blood Urea Nitrogen.)		9	7.0 - 21.0 mg/dL	Calculated
SERUM CREATININE		0.94	0.8 - 1.3 mg/dL	
BUN / CREATININE RATIO		9.57	10 - 20	
LFT(LIVER FUNCTION TEST)				
TOTAL BILIRUBIN		0.7	< 1.2 mg/dL	Method : Diazo Method
DIRECT BILIRUBIN		0.2	\leq 0.20 mg/dL	Method: Diazo Method
INDIRECT BILIRUBIN		0.5	\leq 1.0 mg/dL	
SGPT (ALT)		23	\leq 41 U/L	Method : UV without P5P
SGOT (AST)		17	\leq 40 U/L	Method : UV without P5P
ALKALINE PHOSPHATASE (ALP)		92	40 - 129 U/L 35 - 105 U/L	Method : PNPP, AMP Buffer - IFCC Ref.
TOTAL PROTEINS		7.5	6.0 - 8.0 g/dL	Method : Biuret method
SERUM ALBUMIN		5.2	3.5 - 5.2 g/dL	
GLOBULINS		2.3	2.5 - 3.5 g/dL	
A/G RATIO		2.26	1.2 - 2.5	
GAMMA GLUTAMYL TRANSFERASE(GGT)		16	10 - 71 U/L	Method : G-glutamyl-carboxy-nitr oanilide - IFCC Ref.
BUN(BLOOD UREA NITROGEN)				
BUN (Blood Urea Nitrogen.)		9	7.0 - 21.0 mg/dL	Calculated
TOTAL PROTEIN				





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Bill No/ UMR No : NMBC68043/NMU0051822	Referred By : Dr. DMO
Received Dt : 27-Apr-24 09:45 am	Report Date : 27-Apr-24 02:29 pm

<u>Parameter</u>	<u>Specimen</u>	<u>Result Values</u>	<u>Biological Reference</u>	<u>Method</u>
TOTAL PROTEINS		7.5	6.0 - 8.0 g/dL	Method : Biuret method
LIPID PROFILE				
TOTAL CHOLESTEROL		171	Desirable : : < 200 mg/dL Borderline High : : 200 - 239 mg/dL High risk : > 240 mg/dL	METHOD : Enzymatic colorimetric
HDL CHOLESTEROL		33	Low : : < 40 mg/dL High : : > 60 mg/dL	Homogeneous enzymatic colorimetric
LDL CHOLESTEROL		115	Optimal : - < 100 mg/dL Near Optimal : 100 - 129 mg/dL Borderline High : 130 - 159 mg/dL High : 160 - 189 mg/dL Very High : - > 190 mg/dL	Direct-Enzymatic colorimetric
VLDL		34		
SERUM TRYGLYCERIDES		172	< 150 mg/dL Borderline High : 150 - 199 mg/dL High : 200 - 499 mg/dL	METHOD: Enzymatic colorimetric
CHO/HDL RATIO		5.18	Normal : - < 3.5 High Risk : - > 5.0	
LDL/HDL RATIO		3.48		
SERUM URIC ACID		6.1	3.4 - 7.0 mg/dL	uricase
PLBS (POST LUNCH BLOOD SUGAR WITH URINE SUGAR)				
PLBS (POST LUNCH BLOOD GLUCOSE)		64	110 - 180 mg/dL	Hexokinase
URINE SUGAR		Nil		Dipstick
NOTE		Rechecked for PLBS (Post Lunch Blood Glucose).		
T3,T4 AND TSH				
T3		129.5	70 - 204 ng/dL	Method : ECLIA
T4		8.24	5.1 - 14.1 ug/dL	Method : ECLIA
TSH(THYROID STIMULATING HORMONE)		3.42	0.270 - 4.20 uIU/mL	Method : ECLIA

*** End Of Report ***





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Bill No/ UMR No : NMBC68043/NMU0051822	Referred By : Dr. DMO
Received Dt : 27-Apr-24 09:46 am	Report Date : 27-Apr-24 04:41 pm

<u>Parameters</u>	<u>Specimen</u>	<u>Result</u>	<u>Biological Reference In Method</u>
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Lab Incharge

Dr. VISHAL MEHROTRA, MD Pathology
Consultant Laboratory Services

Verified By : : 026979

Test results related only to the item tested.

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2D ECHO CARDIOGRAPHY WITH COLOR DOPPLER

<i>Name</i>	: Mr. Sumit Ghosh	Date:-27/04/2024
<i>Age / Sex</i>	: 35 Yrs / Male	UMR No. 0051822
<i>Referred By</i>	: Health check up	

FINDINGS:

- Mild concentric left ventricle hypertrophy.
- No left ventricle regional wall motion abnormality.
- Normal left ventricle systolic function. LVEF = 60%.
- Grade I left ventricle diastolic dysfunction. No e/o raised LVEDP.
- Trivial mitral regurgitation.
- No aortic regurgitation. No aortic stenosis.
- Trivial tricuspid regurgitation. No pulmonary hypertension.
PASP = 28 mm of Hg.
- No left ventricle clot / vegetation/pericardial effusion.
- Intact IAS and IVS.
- Normal right atrium and right ventricle dimensions.
- Normal right ventricle systolic function. No hepatic congestion.

IMP:

- Mild LVH.
- No RWMA.
- Grade I left ventricle diastolic dysfunction
- Trivial MR and TR. No PH.
- Normal LV and RV systolic function.


DR. KESHAV KALE
DNB (Cardiology), MD (Medicine), MBBS
PhD (Cardiology), MNAMS, LL.B (Law)
FSCAI (USA), AFACC (USA), FESC (EU)
Consultant & Interventional Cardiologist





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M-MODE MEASUREMENTS:

LA	34	mm
AO root	29	mm
AO CUSP SEP	18	mm
LVID(s)	32	mm
LVID(d)	41	mm
IVS(d)	13	mm
LVPW(d)	12	mm
RVID(d)	29	mm
RA	31	mm
LVEF	60	%

	PEAK	MEAN	Vmax	Gradient of Regurgitation
MITRAL	N			Trivial
AORTIC	6.1			Nil
TRICUSPID	28			Trivial
PULMONERY	5.3			Nil



Rate 81 . Sinus rhythm.....normal P axis, V-rate 50- 99
 . ST elev, probable normal early repol pattern.....ST elevation, age<55
 . Baseline wander in lead(s) II, aVF

PR 146
 QRS 103
 QT 378
 QTc 439

--AXIS--

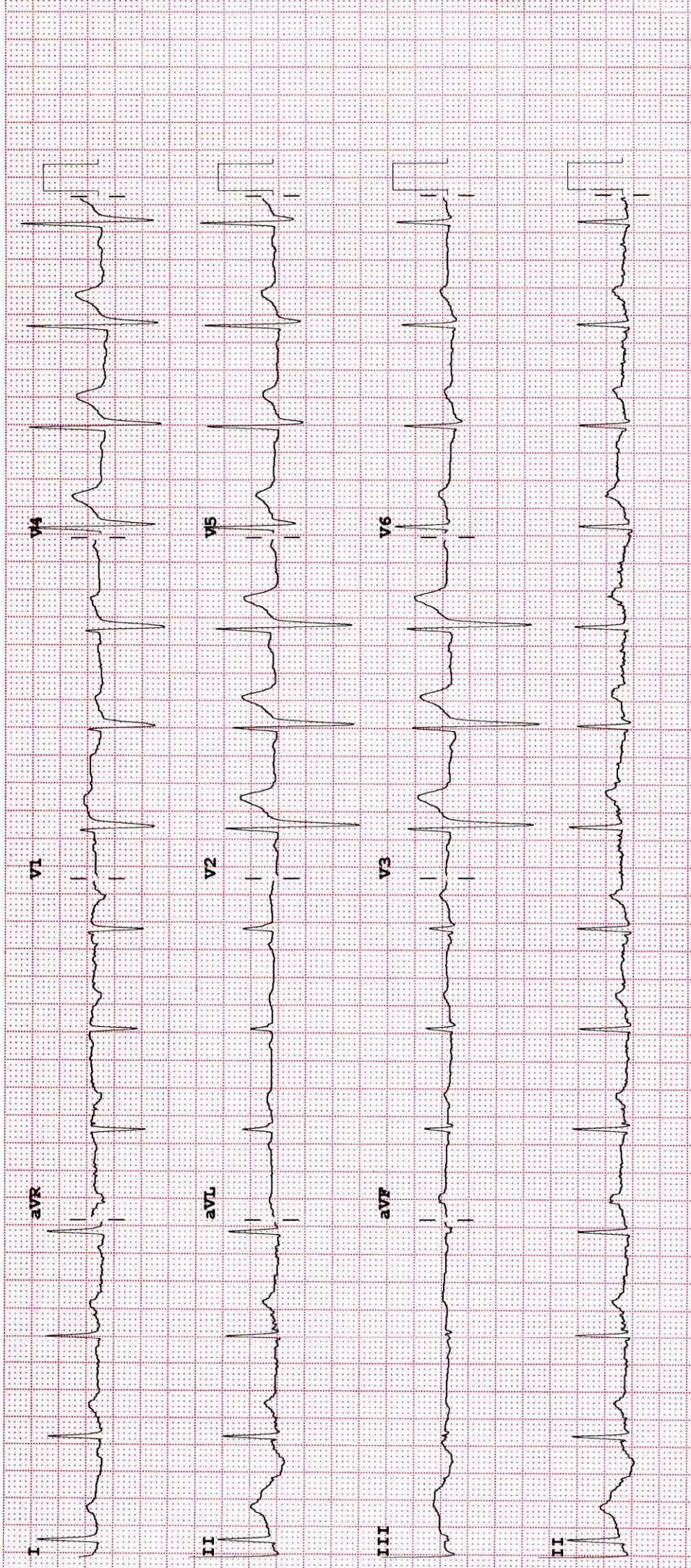
P 21
 QRS 22
 T 35

12 Lead; Standard Placement

- NORMAL ECG -

Unconfirmed Diagnosis

nmw
gmw



Device: Speed: 25 mm/sec Limb: 10 mm/mV Chest: 10.0 mm/mV

F 60~ 0.50- 40 Hz W 100B CL?

P?



Patient ID:	NMU0051822	Patient Name:	SUMIT SHEKHAR GHOSH
Age:	35 Years	Sex:	M
Accession Number:	NMBC68043	Modality:	US
Referring Physician:	DR.DMO	Study:	USG ABDOMEN WHOLE
Study Date:	27-Apr-2024		

ULTRASOUND EXAMINATION OF ABDOMEN & PELVIS

The Liver is enlarged in size (18.1 cm) and shows mild increase in parenchymal reflectivity. No focal lesion is seen. The Hepatic veins appear normal. There is no IHBR dilatation. The portal vein appears normal.

The gall bladder is physiologically distended with normal wall thickness. There is no evidence of gallstones. C.B.D. is of normal caliber.

The Pancreas is normal in size and shows homogeneous reflectivity.

The spleen is borderline enlarged in size. It measures 12.9 cm in long axis. No focal lesion is seen.

Both kidneys are normal in position and size. They show normal cortical reflectivity and cortico-medullary distinction.

The Right Kidney measures 12.5 x 4.8 cm.

The Left Kidney measures 12.9 x 5.6 cm. A non-obstructive calculus measuring 5.7 mm in mid pole of left kidney.

There is no evidence of hydronephrosis or mass noted.

There is no evidence of ascites or para aortic lymphadenopathy.

The Urinary bladder is adequately distended and shows normal wall thickness. No evidence of any intraluminal mass or calculi.

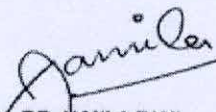
The Prostate gland is normal in size.

It has smooth outlines and normal reflectivity.

It measures 3.7 x 3.4 x 3.3 cm corresponding to an estimated weight of 21.5 gms.

IMPRESSION:

- Hepatomegaly with mild fatty infiltration.
- Borderline splenomegaly.
- Non-obstructive left renal calculus.



DR JAMILA FANI
Consultant Radiologist
MBBS, MD

Date: 27-Apr-2024 13:20:34

Patient ID:	NMU0051822	Patient Name:	SUMIT SHEKHAR GHOSH
Age:	35 Years	Sex:	M
Accession Number:	NMBC68043	Modality:	DX
Referring Physician:	DR.DMO	Study:	CHEST
Study Date:	27-Apr-2024		

X RAY CHEST PA VIEW

Both lungs are clear.

The frontal cardiac dimensions are normal.

The pleural spaces are clear.

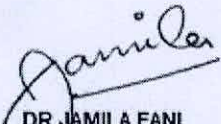
Both hilar shadows are normal in position and density.

No diaphragmatic abnormality is seen.

The soft tissues and bony thorax are normal.

Impression:

No significant abnormality is seen.



DR JAMILA FANI
Consultant Radiologist
MBBS, MD

Date: 27-Apr-2024 14:08:18