

LABORATORY INVESTIGATION REPORT

Patient Name : Mr. Buddhadeb Bhattacharjee	Age/Sex : 45 Year(s)/Male
UHID : NMHK.2200479	Order Date : 27/06/2022 09:43
Episode : OP	
Ref. Doctor : SELF	Mobile No : 8582982835
	DOB : 01/01/1977
Address : 53/3 NAFAR CHANDRA DAS STREET, BESIDE ORIENT DAY SCHOOL, BEHALA, Kolkata, West Bengal, 700034	Facility : NARAYAN MEMORIAL HOSPITAL

Biochemistry

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0067516A	Collection Date : 27/06/22 09:50	Ack Date : 27/06/2022 10:35	Report Date : 27/06/22 18:21

GLYCOSYLATED HAEMOGLOBIN (HBA1C)

SAMPLE : EDTA BLOOD

HBA1C 5.6

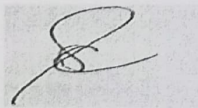
Interpretation & Remark:

1. HbA1c is used for monitoring diabetic control. It reflects the estimated average glucose.
2. HbA1c has been endorsed by clinical groups & American Diabetes Association guidelines 2017, for diagnosis of diabetes using a cut-off point of 6.5%.
3. Trends in HbA1c are a better indicator of diabetic control than a solitary test.
4. Low HbA1c in a non-diabetic individual are often associated with systemic inflammatory diseases, chronic anaemia (Specially severe iron deficiency anaemia & haemolytic), chronic renal failure and liver diseases. Clinical correlation suggested.
5. Interference of Haemoglobinopathies in HbA1c estimation.
A. For HbF > 25%, an alternate platform (Fructosamine) is recommended for testing of HbA1c.
B. Homozygous hemoglobinopathy is detected, fructosamine is recommended for monitoring diabetic status.
C. Heterozygous state detected (D10/ turbo is corrected for HbS and HbC trait).
6. For known diabetic patients, following values can be considered as a tool for monitoring the glycemic control :

Excellent Control - 6 -7 %,
Fair to Good Control - 7 - 8 %,
Unsatisfactory Control - 8 - 10 %
Poor Control - > 10 % .

Note : Hemoglobin electrophoresis (HPLC method) is recommended for detecting hemoglobinopathy.

End of Report



Dr.S. Chatterjee
MD, MBBS, FAACC
(CONSULTANT BIOCHEMIST)

Checked By

LABORATORY INVESTIGATION REPORT

Patient Name : Mr. Buddhadeb Bhattacharjee	Age/Sex : 45 Year(s)/Male
UHID : NMHK.2200479	Order Date : 27/06/2022 09:43
Episode : OP	
Ref. Doctor : SELF	Mobile No : 8582982835
	DOB : 01/01/1977
Address : 53/3 NAFAR CHANDRA DAS STREET, BESIDE ORIENT DAY SCHOOL , BEHALA ,Kolkata,West Bengal ,700034	Facility : NARAYAN MEMORIAL HOSPITAL

Biochemistry

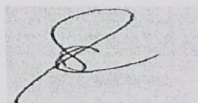
INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0067515	Collection Date : 27/06/22 09:49	Ack Date : 27/06/2022 10:26	Report Date : 27/06/22 18:21

LIVER FUNCTION TEST (LFT)

SAMPLE : SERUM

TOTAL BILIRUBIN <i>Diazo Method</i>	0.4	mg/dl	0 - 1.1
DIRECT BILIRUBIN <i>Diazo Method</i>	0.2	mg/dl	0 - 0.2
INDIRECT BILIRUBIN <i>Calculated</i>	0.2	mg/dl	0.2 - 0.9
SGPT (ALT) <i>IFCC Without Pyridoxal Phosphate</i>	23	U/L	0 - 34
SGOT (AST) <i>IFCC Without Pyridoxal Phosphate</i>	26	U/L	0 - 31
ALKALINE PHOSPHATASE <i>IFCC</i>	71	U/L	53 - 128
TOTAL PROTEIN <i>Biuret</i>	7.4	g/dl	6.4 - 8.2
ALBUMIN <i>Bromocresol Green</i>	5.3 ▲	gm/dl	3.5 - 5.2
GLOBULIN <i>Calculated</i>	2.1	g/dl	2 - 3.5
ALBUMIN:GLOBULIN <i>Calculated</i>	2.5	-	1.1 - 2.5
GGT <i>Enzymatic colorimetric assay</i>	44	U/L	8 - 61

End of Report



LABORATORY INVESTIGATION REPORT

Patient Name : Mr. Buddhadeb Bhattacharjee	Age/Sex : 45 Year(s)/Male
UHID : NMHK.2200479	Order Date : 27/06/2022 09:43
Episode : OP	
Ref. Doctor : SELF	Mobile No : 8582982835
	DOB : 01/01/1977
Address : 53/3 NAFAR CHANDRA DAS STREET, BESIDE ORIENT DAY SCHOOL , BEHALA ,Kolkata,West Bengal ,700034	Facility : NARAYAN MEMORIAL HOSPITAL

Biochemistry

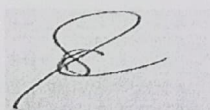
INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0067515	Collection Date : 27/06/22 09:49	Ack Date : 27/06/2022 10:26	Report Date : 27/06/22 18:21

LIPID PROFILE

SAMPLE : SERUM

TOTAL CHOLESTEROL	146	mg/dl	Desirable <200 Borderline 200-239 High >=240
<i>CHOD-PAP</i>			
HDL CHOLESTEROL	42	mg/dl	40 - 60
<i>Homogenous Enzymatic Colorimetric</i>			
LDL CHOLESTEROL	82	mg/dl	Optimal < 100 Borderline 130
<i>Homogenous Enzymatic Colorimetric</i>			
VLDL	23	mg/dl	0 - 30
<i>CALCULATED</i>			
CHOLESTEROL-HDL RATIO	3.48	-	
LDL-HDL RATIO	1.95	-	
TRIGLYCERIDES	115	mg/dl	Desirable <150 Borderline 150 - 200 High >200
<i>Enzymatic Colorimetric</i>			

End of Report



Dr.S. Chatterjee
MD, MBBS, FAACC
 (CONSULTANT BIOCHEMIST)

Checked By

LABORATORY INVESTIGATION REPORT

Patient Name : Mr. Buddhadeb Bhattacharjee	Age/Sex : 45 Year(s)/Male
UHID : NMHK.2200479	Order Date : 27/06/2022 09:43
Episode : OP	Mobile No : 8582982835
Ref. Doctor : SELF	DOB : 01/01/1977
Address : 53/3 NAFAR CHANDRA DAS STREET, BESIDE ORIENT DAY SCHOOL , BEHALA ,Kolkata,West Bengal ,700034	Facility : NARAYAN MEMORIAL HOSPITAL

Hematology

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0067516	Collection Date : 27/06/22 09:50	Ack Date : 27/06/2022 10:36	Report Date : 27/06/22 13:22

COMPLETE HAEMOGRAM (CBC)

SAMPLE : EDTA BLOOD

HAEMOGLOBIN (HB) <i>Colorimetric method (Cyn Meth)</i>	13.3	gm/dl	13 - 17
RBC COUNT <i>Electrical Impedance Method</i>	4.57	$\times 10^6/\text{ul}$	4.5 - 5.5
TOTAL WBC COUNT <i>Electrical Impedance Method</i>	6.2	$10^3/\text{cmm}$	4 - 10
PLATELET COUNT <i>Electrical Impedance Method</i>	290	$10^3/\text{cmm}$	150 - 410
PCV <i>RBC pulse ht. detection method</i>	39 ▼	%	40 - 50
MCV <i>calculated</i>	86	fl	83 - 101
MCH <i>Calculated</i>	29	pg	27 - 32
MCHC <i>Calculated</i>	34	gm/dl	31.5 - 34.5
ESR <i>Modified Westergren Method</i>	05	%	0 - 10
<u>DIFFERENTIAL COUNT</u>			
NEUTROPHILS <i>Microscopy</i>	60	%	40 - 80
LYMPHOCYTES <i>Microscopy</i>	36	%	20 - 40
MONOCYTES <i>Microscopy</i>	02	%	2 - 10
EOSINOPHILS	02	%	1 - 6

LABORATORY INVESTIGATION REPORT

Patient Name : Mr. Buddhadeb Bhattacharjee	Age/Sex : 45 Year(s)/Male
UHID : NMHK.2200479	Order Date : 27/06/2022 09:43
Episode : OP	Mobile No : 8582982835
Ref. Doctor : SELF	DOB : 01/01/1977
Address : 53/3 NAFAR CHANDRA DAS STREET, BESIDE ORIENT DAY SCHOOL , BEHALA ,Kolkata,West Bengal ,700034	Facility : NARAYAN MEMORIAL HOSPITAL

Microscopy

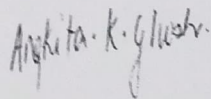
BASOPHILS 00 % 0 - 2

Microscopy

PERIPHERAL BLOOD SMEAR

RBC	Normocytic Normochromic
WBC	Within normal limits
PLATELET	Adequate

End of Report



Dr. ANGKITA K. GHOSH
MBBS, MD(PATH)
(CONSULTANT PATHOLOGIST)

RegNo: 82734

Checked By

LABORATORY INVESTIGATION REPORT

Patient Name : Mr. Buddhadeb Bhattacharjee
Age/Sex : 45 Year(s)/Male
UHD : NMHK.2200479
Order Date : 27/06/2022 09:43
Episode : OP
Ref. Doctor : SELF
Mobile No : 8582982835
DOB : 01/01/1977
Address : 53/3 NAFAR CHANDRA DAS STREET, BESIDE
ORIENT DAY SCHOOL , BEHALA ,Kolkata,West
Bengal ,700034
Facility : NARAYAN MEMORIAL HOSPITAL

Immunology

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0067516	Collection Date : 27/06/22 09:50	Ack Date : 27/06/2022 10:36	Report Date : 27/06/22 13:19

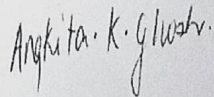
BLOOD GROUPING & Rh TYPING

SAMPLE : EDTA BLOOD

BLOOD GROUP : ' O '
Agglutination forward & Reverse

RH TYPE : POSITIVE

End of Report



Dr. ANGKITA K. GHOSH
MBBS, MD(PATH)
(CONSULTANT PATHOLOGIST)

RegNo: 82734
Checked By

LABORATORY INVESTIGATION REPORT

Patient Name : Mr. Buddhadeb Bhattacharjee	Age/Sex : 45 Year(s)/Male
UHID : NMHK.2200479	Order Date : 27/06/2022 09:43
Episode : OP	Mobile No : 8582982835
Ref. Doctor : SELF	DOB : 01/01/1977
Address : 53/3 NAFAR CHANDRA DAS STREET, BESIDE ORIENT DAY SCHOOL, BEHALA, Kolkata, West Bengal, 700034	Facility : NARAYAN MEMORIAL HOSPITAL

Immunology

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0067515	Collection Date : 27/06/22 09:49	Ack Date : 27/06/2022 10:26	Report Date : 27/06/22 18:23

THYROID FUNCTION TEST

SAMPLE : SERUM

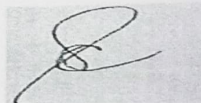
T3 ECLIA	0.8	ng/ml	0.6 - 1.8
T4 ECLIA	6.61	ug/dL	5.4 - 11.7
TSH	0.85	uIU/ml	Adult Male - 0.27-5.50 Adult Female - 0.27-5.50 Newborns - <25 Upto 12 years - 0.3-5

ECLIA

Interpretations:

- For diagnostic purposes, the result should always be assessed in conjunction with the patient's medical history, clinical examinations and other findings.
- The assay is unaffected by icterus (Bilirubin < 701 µmol/L or < 41 mg/dL), hemolysis (Hb < 0.621 mmol/L or < 1 g/dL), lipemia (Intralipid < 1500 mg/dL), biotin (<102 nmol/L or < 25 ng/ml), IgG < 2 g/dL and IgM < 0.5 g/dL)
- There is no high dose hook effect at TSH concentrations upto 1000 µmol/ml.
- TSH values may be transiently altered because of non thyroidal illness like several infections, liver disease, renal and heart failure, several burns, trauma and surgery etc. Drugs that decrease TSH values e.g. L-dopa, Glucocorticoid drugs that increase TSH values e.g. Iodine, Lithium, Amiodarone.
- The assay is unaffected by icterus (bilirubin < 633 µmol/L or < 37 mg/dl), hemolysis (Hb < 1.4 mmol/L or < 2.3 g/dl), lipemia (triglycerides < 28.5 mmol/L or 2500 mg/dl) and biotin (< 409 nmol or < 100 ng/ml).
- The assay is unaffected by icterus (bilirubin < 599 µmol/L or < 35 mg/dl), hemolysis (Hb < 1.2 mmol/L or < 2.0 g/dl), lipemia (Intralipid < 1800 mg/dl) and biotin (< 123 nmol or < 30 ng/ml).

End of Report



Dr.S. Chatterjee
MD, MBBS, FAACC
(CONSULTANT BIOCHEMIST)

Checked By

LABORATORY INVESTIGATION REPORT

Patient Name : Mr. Buddhadeb Bhattacharjee	Age/Sex : 45 Year(s)/Male
UHID : NMHK.2200479	Order Date : 27/06/2022 09:43
Episode : OP	Mobile No : 8582982835
Ref. Doctor : SELF	DOB : 01/01/1977
Address : 53/3 NAFAR CHANDRA DAS STREET, BESIDE ORIENT DAY SCHOOL, BEHALA, Kolkata, West Bengal, 700034	Facility : NARAYAN MEMORIAL HOSPITAL

Clinical Pathology

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0067515	Collection Date : 27/06/22 09:49	Ack Date : 27/06/2022 14:16	Report Date : 27/06/22 17:31

URINE FOR R/E

SAMPLE : URINE

PHYSICAL EXAMINATION

VOLUME	35	ml	
COLOUR	PALE YELLOW		
APPEARANCE	SLIGHTLY HAZY		
SPECIFIC GRAVITY	1.020		1.010 - 1.030
REACTION(pH)	ACIDIC (6.0)		

CHEMICAL EXAMINATION

SUGAR	ABSENT	ABSENT
ALBUMIN.	ABSENT	ABSENT
BLOOD	ABSENT	ABSENT
KETONE	ABSENT	ABSENT
BILE SALT	ABSENT	ABSENT
BILE PIGMENTS	ABSENT	ABSENT

MICROSCOPIC EXAMINATION

PUS CELLS	1-2 / HPF	<5/HPF
EPITHELIAL CELLS	0-1 / HPF	<20/HPF
RBC	NIL	
CAST	ABSENT	ABSENT
CRYSTAL	ABSENT	ABSENT

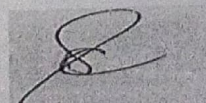
Please correlate clinically.

URINE FOR SUGAR FASTING

SAMPLE : URINE

RESULT ABSENT

End of Report



Angkita K. Ghosh



LABORATORY INVESTIGATION REPORT

Patient Name : Mr. Buddhadeb Bhattacharjee

UHID : NMHK.2200479

Episode : OP

Ref. Doctor : SELF

Age/Sex : 45 Year(s)/Male

Order Date : 27/06/2022 09:43

Mobile No : 8582982835

DOB : 01/01/1977

Facility : NARAYAN MEMORIAL HOSPITAL

Address : 53/3 NAFAR CHANDRA DAS STREET, BESIDE
ORIENT DAY SCHOOL, BEHALA, Kolkata, West
Bengal, 700034

Dr.S. Chatterjee
MD, MBBS, FAACC
(CONSULTANT BIOCHEMIST)

Dr.ANGKITA K. GHOSH
MBBS, MD(PATH)
(CONSULTANT PATHOLOGIST)

Checked By

RegNo: 82734

DIAGNOSTICS REPORT

Patient Name	: Mr. Buddhadeb Bhattacharjee	Order Date	: 27/06/2022 09:43
Age/Sex	: 45 Year(s)/Male	Report Date	: 27/06/2022 16:05
UHID	: NMHK.2200479	IP No	:
Ref. Doctor	: SELF	Facility	: NARAYAN MEMORIAL HOSPITAL
Address	: 53/3 NAFAR CHANDRA DAS STREET, BESIDE ORIENT DAY SCHOOL, BEHALA, Kolkata, West Bengal, 700034	Mobile	: 8582982835

USG REPORT OF WHOLE ABDOMEN (SCREENING)

LIVER : Liver is normal in size. **Parenchymal echogenicity is mildly raised.**
Intrahepatic biliary radicles are not dilated. No focal mass lesion is seen.

PORTA :PV : Normal. PV measures 1.1 cm.

CBD : Normal . CBD measures 0.3 cm.

GALL BLADDER :Gall bladder is normal in size, contour, outline and position. **A large echogenic calculus measuring 1.7 cm approx is noted in gall bladder neck. Sludge is also seen.** Wall thickness is normal.

PANCREAS :Pancreas is normal in size and parenchymal echogenicity. Pancreatic duct is not dilated.

SPLEEN :Spleen is not enlarged and parenchyma shows normal homogeneous pattern.

KIDNEYS :Both kidneys are normal in size, shape, outline, position and parenchymal echogenicity. Corticomedullary differentiation maintained. No evidence of any calculus/ mass / hydronephrosis is seen.

Right kidney measures : 10.1 cm & Left kidney measures : 11.4 cm.

DIAGNOSTICS REPORT

Patient Name	: Mr. Buddhadeb Bhattacharjee	Order Date	: 27/06/2022 09:43
Age/Sex	: 45 Year(s)/Male	Report Date	: 27/06/2022 16:05
UHID	: NMHK.2200479	IP No	:
Ref. Doctor	: SELF	Facility	: NARAYAN MEMORIAL HOSPITAL
Address	: 53/3 NAFAR CHANDRA DAS STREET, BESIDE ORIENT DAY SCHOOL, BEHALA, Kolkata, West Bengal, 700034	Mobile	: 8582982835

URINARY BLADDER : Urinary bladder is normal in contour, outline and distension. No vesical lesion is seen.

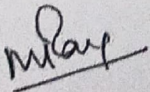
PROSTATE : Prostate is normal size, outline and echotexture appear normal. No focal lesion is seen. Prostate measures 3.1 cm x 3.1 cm x 2.8 cm. It weight approx 14 gm.

PERITONEUM : : No free fluid is noted.

RETROPERITONEUM : IVC and aorta appear normal. No lymphadenopathy is seen.

IMPRESSION :

- Mild fatty changes in liver.
- Cholelithiasis with sludge in gall bladder lumen.



Dr. MADHUSHREE RAY NASKAR ,
MBBS, DMRD
Consultant Radiologist
RegNo: 57032

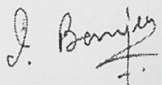
DIAGNOSTICS REPORT

Patient Name	: Mr. Buddhadeb Bhattacharjee	Order Date	: 27/06/2022 09:43
Age/Sex	: 45 Year(s)/Male	Report Date	: 27/06/2022 12:00
UHID	: NMHK.2200479	IP No	:
Ref. Doctor	: SELF	Facility	: NARAYAN MEMORIAL HOSPITAL
Address	: 53/3 NAFAR CHANDRA DAS STREET, BESIDE ORIENT DAY SCHOOL, BEHALA, Kolkata, West Bengal, 700034	Mobile	: 8582982835

ECHOCARDIOGRAPHY (SCREENING)

Status of Patient :

- * No regional wall motion abnormality at rest.
- * Good LV systolic function (EF = 62%).
- * Good RV systolic function (TAPSE = 22 mm).
- * Normal valve morphology.
- * Adequate LV diastolic function.
- * No pericardial effusion.
- * No pulmonary arterial hypertension.
- * IVC normal diameter & > 50% respiratory variation.
- * No thrombus, mass, vegetation seen.



**Dr.INDIRA BANERJEE ,
MD,DNB,MRCPC (UK)**

Board Certified Comprehensive
Echocardiographer (USA)

DIAGNOSTICS REPORT

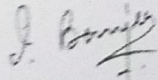
Patient Name	: Mr. Buddhadeb Bhattacharjee	Order Date	: 27/06/2022 09:43
Age/Sex	: 45 Year(s)/Male	Report Date	: 27/06/2022 12:50
UHID	: NMHK.2200479	IP No	:
Ref. Doctor	: SELF	Facility	: NARAYAN MEMORIAL HOSPITAL
Address	: 53/3 NAFAR CHANDRA DAS STREET, BESIDE ORIENT DAY SCHOOL, BEHALA, Kolkata, West Bengal, 700034	Mobile	: 8582982835

ELECTROCARDIOGRAM REPORT (ECG)

HR	: 73 bpm
Rhythm	: Sinus
P wave	: Normal
PR Interval	: 154 msec
QRS axis	: Normal (24 Degree)
QRS duration	: 84 msec
QRS configuration	: Normal
T wave	: Non specific changes
ST segment	: Non specific changes
QTc	: 404 msec
QT	: 364 msec

IMPRESSION:

- Sinus rhythm. Normal QRS axis.
 - Non specific ST-T changes.
- Clinical correlation please.



Dr.INDIRA BANERJEE,
MD,DNB,MRCPC (UK)

Board Certified Comprehensive
Echocardiographer (USA)

BUDDHADEB
BHATTACHARJEE
2200479

Male
45 years
cm / kg

HR 73/min

Intervals:
RR 823 ms
P 118 ms
PR 154 ms
QR5 84 ms
QT 364 ms
QTc 404 ms
(Bazett)
10 mm/mV

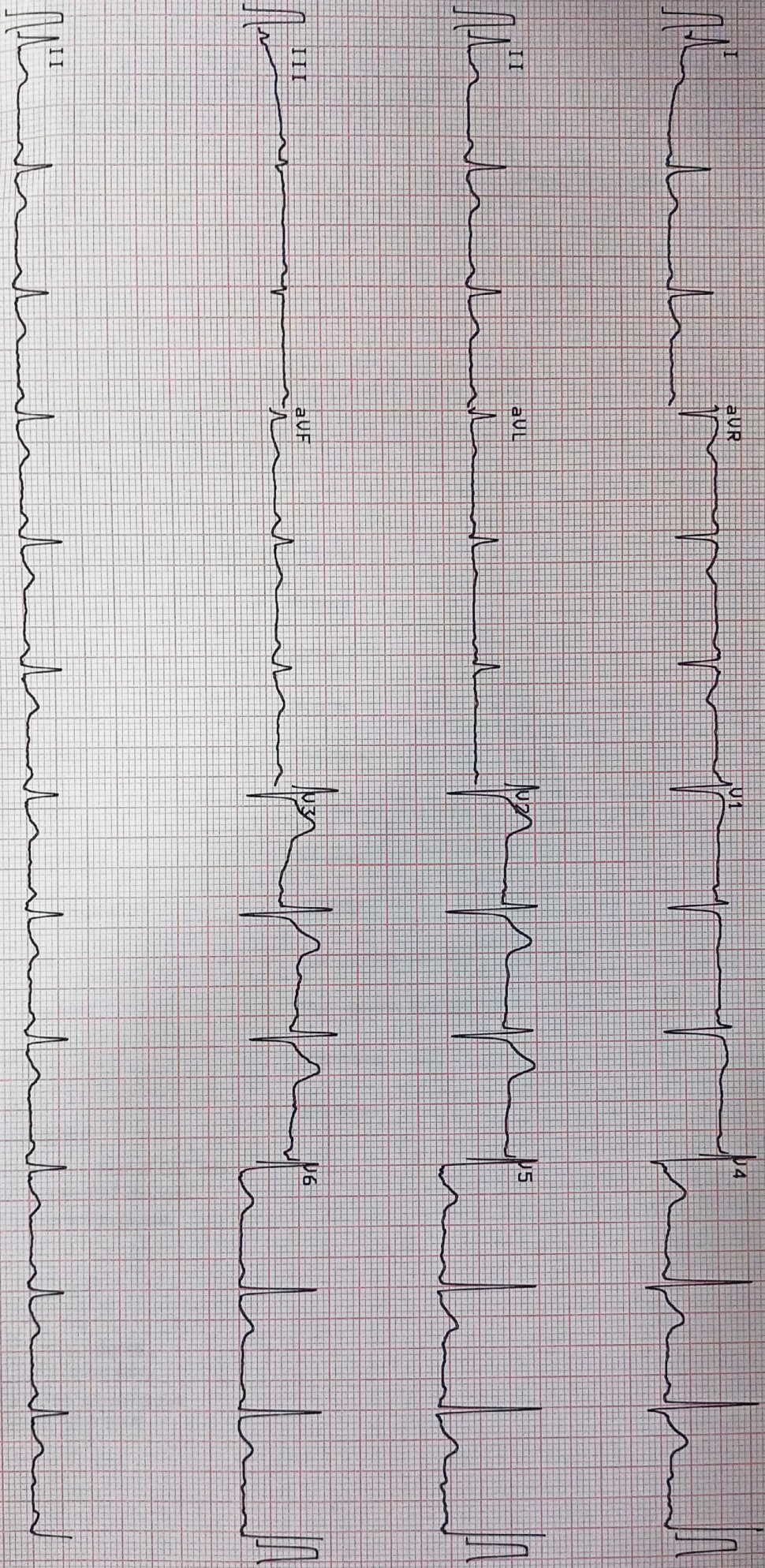
Axis:
P 52°
QR5 24°
T 42°

P (II) 0.10 mV
S (V1) -0.97 mV
R (V5) 2.02 mV
Sokol. 3.17 mV

SINUS RHYTHM
NORMAL ECG

6.02

UNCONFIRMED REPORT



DIAGNOSTICS REPORT

Patient Name	: Mr. Buddhadeb Bhattacharjee	Order Date	: 27/06/2022 09:43
Age/Sex	: 45 Year(s)/Male	Report Date	: 27/06/2022 12:48
UHID	: NMHK.2200479	IP No	:
Ref. Doctor	: SELF	Facility	: NARAYAN MEMORIAL HOSPITAL
Address	: 53/3 NAFAR CHANDRA DAS STREET, BESIDE ORIENT DAY SCHOOL, BEHALA, Kolkata, West Bengal, 700034	Mobile	: 8582982835

CHEST X-RAY REPORT OF PA VIEW

Lung fields are clear. No focal parenchymal opacity is seen.

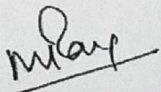
No appreciable pleural thickening / calcification is noted.

Costo-phrenic angles are normal.

Cardiac shadow appears normal.

Bilateral hilar shadows are normal.

No obvious bony abnormality is seen.



Dr. MADHUSHREE RAY NASKAR ,
MBBS, DMRD

Consultant Radiologist

RegNo: 57032