

LABORATORY INVESTIGATION REPORT

Patient Name : Mrs. Susmita Chowdhury **Age/Sex** : 49 Year(s)/Female
UHID : NMHK.2203343 **Order Date** : 11/03/2023 09:59
Episode : OP
Ref. Doctor : NMH **Mobile No** : 9901569507
DOB : 01/01/1974
Address : 255 DIAMON PARK, SAI APARTMENT , Diamond Park ,Kolkata,West Bengal ,700104 **Facility** : NARAYAN MEMORIAL HOSPITAL

Immunology

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0106064	Collection Date : 11/03/23 10:05	Ack Date : 11/03/2023 11:42	Report Date : 13/03/23 13:08

THYROID FUNCTION TEST

SAMPLE : SERUM

T3 ECLIA	1.16	ng/ml	0.60 - 1.80
T4 ECLIA	12.02 ▲	ug/dL	5.40 - 11.70
TSH ECLIA	1.92	uIU/ml	Adult Male – 0.27-5.50 Adult Female – 0.27-5.50 Newborns - <25 Upto 12 years – 0.3-5

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 (triglycerid es < 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



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Biochemistry

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
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SERUM CREATININE

SAMPLE : SERUM

SERUM CREATININE 0.5 mg/dl 0.5 - 0.9
Jaffe Gen2 Compensated

BLOOD UREA NITROGEN

BLOOD UREA NITROGEN 06 mg/dl 6 - 20
Calculated

URIC ACID

SAMPLE : SERUM

URIC ACID 2.8 mg/dl 2.4 - 5.7
Enzymatic Colorimetric

SAMPLE : SERUM

RESULT 12.0

Sample No : 07H0106064B	Collection Date : 11/03/23 10:05	Ack Date : 11/03/2023 11:41	Report Date : 13/03/23 13:08
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BLOOD SUGAR(F)

SAMPLE : PLASMA

BLOOD SUGAR FASTING 87 mg/dl 70 - 109
Hexokinase

Sample No : 07H0106137B	Collection Date : 11/03/23 14:44	Ack Date : 11/03/2023 15:57	Report Date : 13/03/23 13:08
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BLOOD SUGAR(PP)

SAMPLE : PLASMA

BLOOD SUGAR PP 103 mg/dl 70.00 - 140.00
Hexokinase

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LIVER FUNCTION TEST (LFT)

SAMPLE : SERUM

TOTAL BILIRUBIN <i>Diazo Method</i>	0.3	mg/dl	0 - 1.1
DIRECT BILIRUBIN <i>Diazo Method</i>	0.1	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>	10	U/L	0 - 34
SGOT (AST) <i>IFCC Without Pyridoxal Phosphate</i>	23	U/L	0 - 31
ALKALINE PHOSPHATASE <i>IFCC</i>	93	U/L	53 - 128
TOTAL PROTEIN <i>Biuret</i>	7.7	g/dl	6.4 - 8.2
ALBUMIN <i>Bromocresol Green</i>	4.1	gm/dl	3.5 - 5.2
GLOBULIN <i>Calculated</i>	3.6 ▲	g/dl	2 - 3.5
ALBUMIN:GLOBULIN <i>Calculated</i>	1.1	-	1.1 - 2.5
GGT <i>Enzymatic colorimetric assay</i>	28	U/L	5 - 36





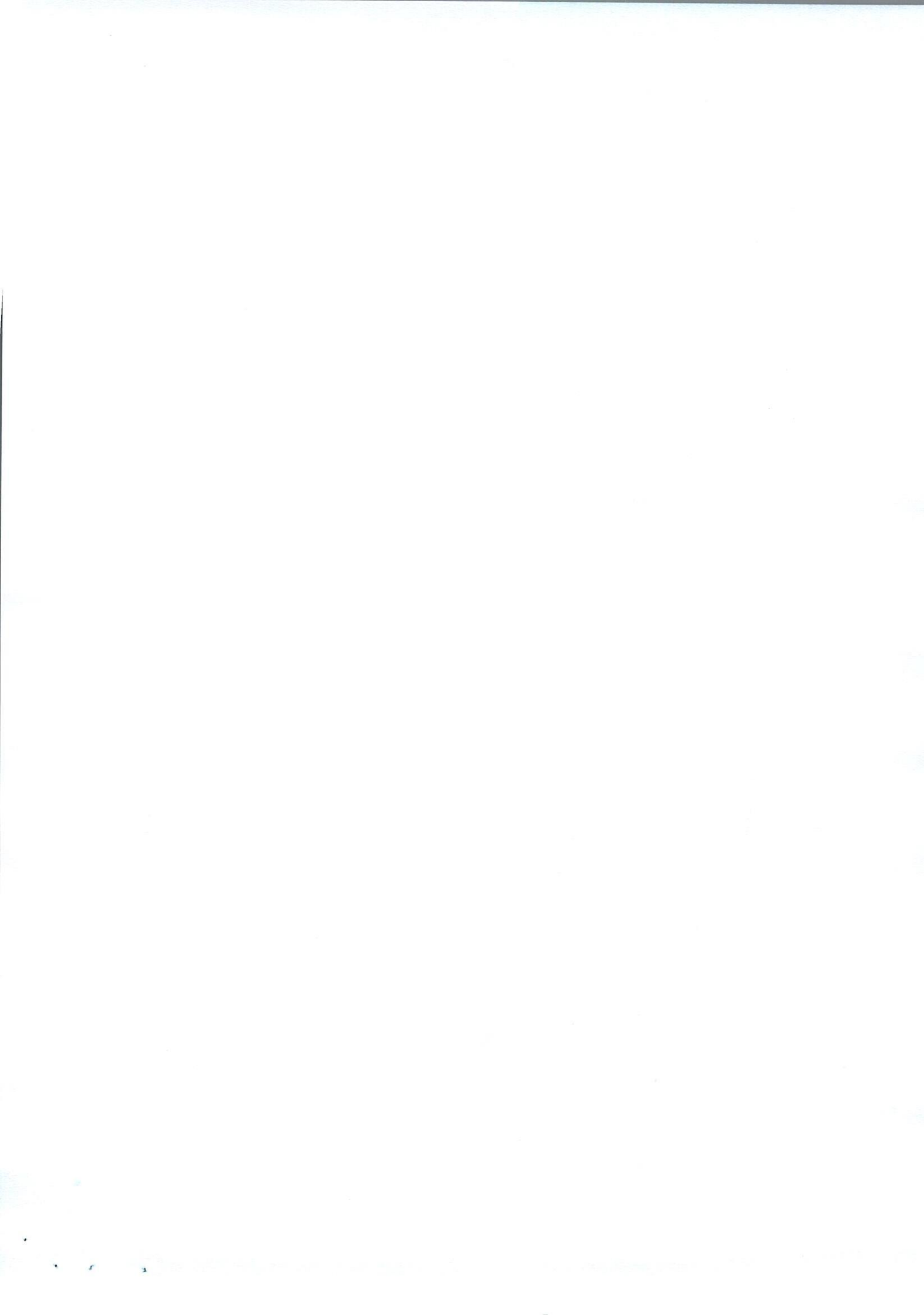
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LIPID PROFILE

SAMPLE : SERUM

TOTAL CHOLESTEROL	190	mg/dl	Desirable <200 Borderline 200-239 High ≥240
<i>CHOD-PAP</i>			
HDL CHOLESTEROL	51	mg/dl	40 - 60
<i>Homogenous Enzymatic Colorimetric</i>			
LDL CHOLESTEROL	128	mg/dl	Optimal < 100 Borderline 130
<i>Homogenous Enzymatic Colorimetric</i>			
VLDL	11	mg/dl	0 - 30
<i>CALCULATED</i>			
CHOLESTEROL-HDL RATIO	3.73	-	
LDL-HDL RATIO	2.51	-	
TRIGLYCERIDES	86	mg/dl	Desirable <150 Borderline 150 - 200 High >200
<i>Enzymatic Colorimetric</i>			

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Hematology

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Sample No : 07H0106064	Collection Date : 11/03/23 10:05	Ack Date : 11/03/2023 11:21	Report Date : 11/03/23 14:06

COMPLETE HAEMOGRAM (CBC)

SAMPLE : EDTA BLOOD

HAEMOGLOBIN (HB) <i>Colorimetric method (Cyn Meth)</i>	11.0 ▼	gm/dl	12 - 15
RBC COUNT <i>Electrical Impedance Method</i>	4.4	x10 ⁶ /ul	3.8 - 4.8
TOTAL WBC COUNT <i>Electrical Impedance Method</i>	5.4	10 ³ /cmm	4 - 10
PLATELET COUNT <i>Electrical Impedance Method</i>	200	10 ³ /cmm	150 - 410
PCV <i>RBC pulse ht. detection method</i>	35 ▼	%	36 - 46
MCV <i>calculated</i>	79 ▼	fl	83 - 101
MCH <i>Calculated</i>	25 ▼	pg	27 - 32
MCHC <i>Calculated</i>	32	gm/dl	31.5 - 34.5
ESR <i>Modified Westergren Method</i>	60 ▲	%	0 - 12
DIFFERENTIAL COUNT			
NEUTROPHILS <i>Microscopy</i>	81 ▲	%	40 - 80
LYMPHOCYTES <i>Microscopy</i>	15 ▼	%	20 - 40
MONOCYTES <i>Microscopy</i>	03	%	2 - 10



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EOSINOPHILS	01	%	1 - 6
<i>Microscopy</i>			
BASOPHILS	00	%	0 - 2
<i>Microscopy</i>			

PERIPHERAL BLOOD SMEAR

RBC	Normocytic normochromic.
WBC	Neutrophilia.
PLATELET	Adequate.

End of Report

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

RegNo: 82734

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BLOOD GROUPING & Rh TYPING

SAMPLE : EDTA BLOOD

BLOOD GROUP ' B '

Agglutination forward & Reverse

RH TYPE POSITIVE

End of Report

Angkita K. Ghosh

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

RegNo: 82734

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DIAGNOSTICS REPORT

Patient Name	: Mrs. Susmita Chowdhury	Order Date	: 11/03/2023 09:59
Age/Sex	: 49 Year(s)/Female	Report Date	: 11/03/2023 14:55
UHID	: NMHK.2203343	IP No	:
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Address	: 255 DIAMON PARK, SAI APARTMENT, Diamond Park,Kolkata, West Bengal, 700104	Mobile	: 9901569507

USG REPORT OF WHOLE ABDOMEN (SCREENING)

LIVER : Liver is enlarged in size (18.6 cm) and parenchymal echotexture. Intrahepatic biliary radicles are not dilated.No focal mass lesion is seen.

PORTA :PV : Normal. PV measures 1.1 cm.

CBD : Normal.

GALL BLADDER : Gall bladder is normal in size, contour, outline and position. No calculus is seen. Wall thickness is normal.

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

SPLEEN : Spleen is not enlarged and parenchyma shows normal homogeneous pattern. Spleen measures : 9.4 cm.

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

Right kidney measures : 9.9 cm x 4.1 cm & Left kidney measures : 11.1 cm x 5.4 cm.

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





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UTERUS : Not visualised (Operated).

OVARIES : Not visualised.

PERITONEUM : :No free fluid is noted.

RETROPERITONEUM : IVC and aorta appear normal.

IMPRESSION : Hepatomegaly.

Dr.Sayani Mahal, MD Radiology
(AIIMS),PDCC (AIIMS)

RegNo: 74369



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ECHOCARDIOGRAPHY (SCREENING)

Status of Patient :

- * No regional wall motion abnormality at rest.
- * Good LV systolic function (EF = 60%).
- * Good RV systolic function (TAPSE = 21 mm).
- * Trivial TR. TR gradient = 20 mmHg.
- * 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	: Mrs. Susmita Chowdhury	Order Date	: 11/03/2023 09:59
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ELECTROCARDIOGRAM REPORT (ECG)

HR	: 71 bpm
Rhythm	: Sinus
P wave	: Normal
PR Interval	: 130 msec
QRS axis	: Normal (17 Degree)
QRS duration	: 80 msec
QRS configuration	: Normal
T wave	: Non specific changes
ST segment	: Non specific changes
QTc	: 415 msec
QT	: 378 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)

SUSMITA CHOWDHURY

2203343

Female

46 years

..... cm / kg

HR 71/min

Axis: P 56°

SINUS RHYTHM
NORMAL ECG

Intervals:

RR 844 ms

6.02

P 106 ms

PR 130 ms

QRS 80 ms

QT 378 ms

QTc 415 ms

(Bazett)

10 mm/mV

T 44°

P (II) 0.16 mV

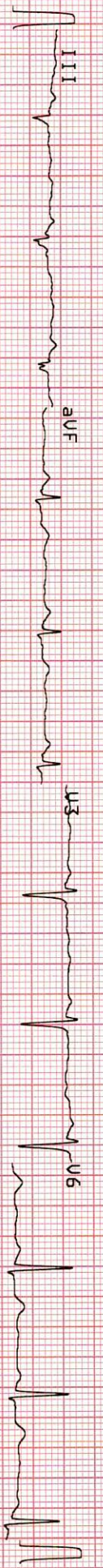
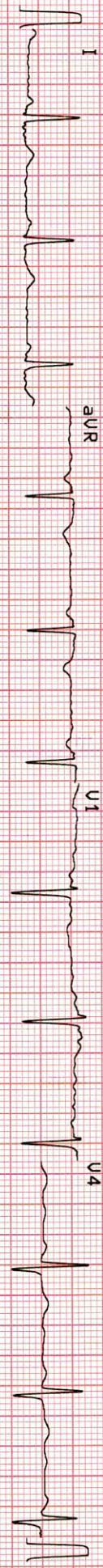
S (V1) -1.07 mV

R (V5) 0.99 mV

Sokol. 2.05 mV

UNCONFIRMED REPORT

10 mm/mV



10 mm/mV

25 mm/s

0.05-25 Hz

F50

SF

SBS

11.03.2023

14:14:12

NARAYAN MEMORIAL
HOSPITAL, BEHRLA

AT-102plus 1.25 61
2780



DIAGNOSTICS REPORT

Patient Name	: Mrs. Susmita Chowdhury	Order Date	: 11/03/2023 09:59
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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.Sayani Mahal , MD Radiology (AIIMS),PDCC (AIIMS)

RegNo: 74369

