

LABORATORY INVESTIGATION REPORT

Patient Name : Mr. Prasenjit Naskar	Age/Sex : 34 Year(s)/Male
UHID : NMHK.2203335	Order Date : 12/03/2022 12:32
Episode : OP	
Ref. Doctor : NMH	Mobile No : 9051188498
Address : P-221/8 , ,Kolkata,West Bengal ,700060	Facility : NARAYAN MEMORIAL HOSPITAL

Biochemistry

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0059238	Collection Date : 12/03/22 12:54	Ack Date :	Report Date : 13/03/22 13:01

SERUM CREATININE

SAMPLE : SERUM

SERUM CREATININE	0.8	mg/dl	0.7 - 1.2
<i>Jaffe Gen2 Compensated</i>			

BLOOD UREA NITROGEN

BLOOD UREA NITROGEN	9.8	mg/dl	6 - 20
<i>Calculated</i>			

URIC ACID

SAMPLE : SERUM

URIC ACID	6.8	mg/dl	3.4 - 7
<i>Enzymatic Colorimetric</i>			

SAMPLE : SERUM

RESULT	12.2
--------	------

Sample No : 07H0059238B	Collection Date : 12/03/22 12:54	Ack Date :	Report Date : 13/03/22 13:01
-------------------------	----------------------------------	------------	------------------------------

BLOOD SUGAR(F)

SAMPLE : PLASMA

BLOOD SUGAR FASTING	90	mg/dl	70 - 109
<i>Hexokinase</i>			

End of Report



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

Checked By

LABORATORY INVESTIGATION REPORT

Patient Name : Mr. Prasenjit Naskar	Age/Sex : 34 Year(s)/Male
UHID : NMHK.2203335	Order Date : 12/03/2022 12:32
Episode : OP	Mobile No : 9051188498
Ref. Doctor : NMH	Facility : NARAYAN MEMORIAL HOSPITAL
Address : P-221/8 , ,Kolkata,West Bengal ,700060	

Biochemistry

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0059238A	Collection Date : 12/03/22 12:54	Ack Date :	Report Date : 12/03/22 18:28

GLYCOSYLATED HAEMOGLOBIN (HBA1C)

SAMPLE : EDTA BLOOD

HBA1C

5.2

%

Non-diabetic : 4-6

By HPLC

1. HbA1c is used for monitoring diabetic control. It reflects the estimated average glucose.
2. HbA1c has been endorsed by clinical group & 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 in Severe iron deficiency anaemia and hemolytic), chronic renal failure and liver disease. 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.

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

End of Report



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

Checked By

Patient report

Bio-Rad

D-10

S/N: #DJ0A467747

Sample ID:

Injection date
Injection #: 11

Rack #: ---

DATE: 12/03/2022

TIME: 17:03

Software version: 4.30-2

07H0059238A

12/03/2022 15:39

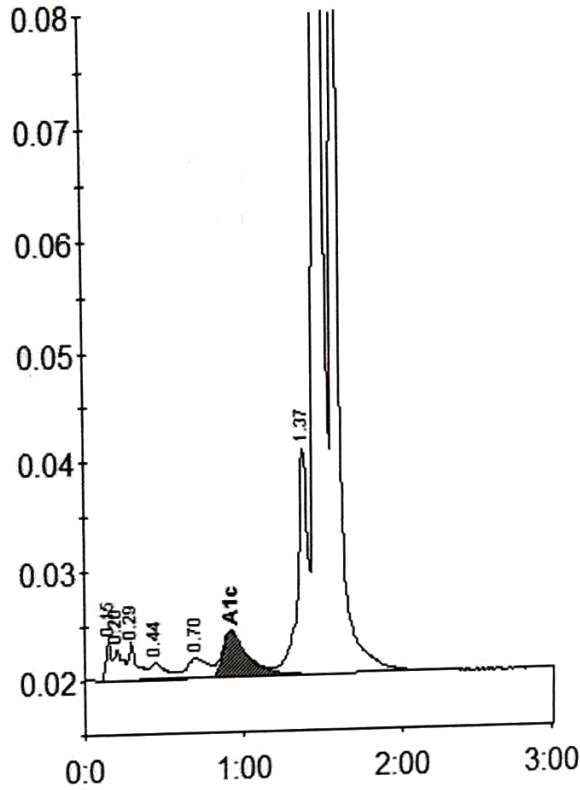
Method: HbA1c

Rack position: 1

Mr. Prasenjit Naskar
(R)NMHK.2203335 34y/ M



07H0059238A
EDTA Wh 12-03 12:54



Peak table - ID: **07H0059238A**

Peak	R.time	Height	Area	Area %
Unknown	0.15	3542	8505	0.5
A1a	0.20	2848	11317	0.7
A1b	0.29	3520	12744	0.8
F	0.44	1477	10838	0.6
LA1c/CHb-1	0.70	1827	17285	1.0
A1c	0.92	4253	45298	5.2
P3	1.37	20798	94352	5.6
A0	1.45	380401	1032286	61.2
Variant-Window	1.56	180095	454900	27.0
Total Area:		1687523		

Concentration:	%	mmol/mol
A1c	5.2	33

LABORATORY INVESTIGATION REPORT

Patient Name : Mr. Prasenjit Naskar	Age/Sex : 34 Year(s)/Male
UHID : NMHK.2203335	Order Date : 12/03/2022 12:32
Episode : OP	Mobile No : 9051188498
Ref. Doctor : NMH	Facility : NARAYAN MEMORIAL HOSPITAL
Address : P-221/8 , ,Kolkata,West Bengal ,700060	

Biochemistry

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0059238	Collection Date : 12/03/22 12:54	Ack Date :	Report Date : 13/03/22 13:01

LIVER FUNCTION TEST (LFT)

SAMPLE : SERUM

TOTAL BILIRUBIN	0.5	mg/dl	0 - 1.1
<i>Diazo Method</i>			
DIRECT BILIRUBIN	0.2	mg/dl	0 - 0.2
<i>Diazo Method</i>			
INDIRECT BILIRUBIN	0.3	mg/dl	0.2 - 0.9
<i>Calculated</i>			
SGPT (ALT)	47 ▲	U/L	0 - 34
<i>IFCC Without Pyridoxal Phosphate</i>			
SGOT (AST)	31	U/L	0 - 31
<i>IFCC Without Pyridoxal Phosphate</i>			
ALKALINE PHOSPHATASE	95	U/L	53 - 128
<i>IFCC</i>			
TOTAL PROTEIN	7.4	g/dl	6.4 - 8.2
<i>Biuret</i>			
ALBUMIN	4.9	gm/dl	3.5 - 5.2
<i>Bromocresol Green</i>			
GLOBULIN	2.5	g/dl	2 - 3.5
<i>Calculated</i>			
ALBUMIN:GLOBULIN	2.0	-	1.1 - 2.5
<i>Calculated</i>			
GGT	24	U/L	8 - 61
<i>Enzymatic colorimetric assay</i>			

End of Report



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

Checked By

LABORATORY INVESTIGATION REPORT

Patient Name : Mr. Prasenjit Naskar **Age/Sex** : 34 Year(s)/Male
UHID : NMHK.2203335 **Order Date** : 12/03/2022 12:32
Episode : OP
Ref. Doctor : NMH **Mobile No** : 9051188498
Address : P-221/8 , ,Kolkata,West Bengal ,700060 **Facility** : NARAYAN MEMORIAL HOSPITAL

Biochemistry

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0059238	Collection Date : 12/03/22 12:54	Ack Date :	Report Date : 13/03/22 13:01

LIPID PROFILE

SAMPLE : SERUM

TOTAL CHOLESTEROL	198	mg/dl	Desirable <200 Borderline 200-239 High >=240
<i>CHOD-PAP</i>			
HDL CHOLESTEROL	29 ▼	mg/dl	40 - 60
<i>Homogenous Enzymatic Colorimetric</i>			
LDL CHOLESTEROL	97	mg/dl	Optimal < 100 Borderline 130
<i>Homogenous Enzymatic Colorimetric</i>			
VLDL	76 ▲	mg/dl	0 - 30
<i>CALCULATED</i>			
CHOLESTEROL-HDL RATIO	6.83	-	
LDL-HDL RATIO	3.34	-	
TRIGLYCERIDES	381	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. Prasenjit Naskar	Age/Sex : 34 Year(s)/Male
UHID : NMHK.2203335	Order Date : 12/03/2022 12:32
Episode : OP	Mobile No : 9051188498
Ref. Doctor : NMH	Facility : NARAYAN MEMORIAL HOSPITAL
Address : P-221/8 , ,Kolkata,West Bengal ,700060	

Immunoassay

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0059238	Collection Date : 12/03/22 12:54	Ack Date :	Report Date : 14/03/22 10:59

THYROID FUNCTION TEST

SAMPLE : SERUM

T3	1.03	ng/ml	0.60 - 1.80
<i>ECLIA</i>			
T4	8.62	ug/dL	5.40 - 11.70
<i>ECLIA</i>			
TSH	1.82	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. MAINAK CHAKRABORTY
MBBS, MD(PATH)
(CONSULTANT PATHOLOGIST)

Checked By

LABORATORY INVESTIGATION REPORT

Patient Name : Mr. Prasenjit Naskar	Age/Sex : 34 Year(s)/Male
UHID : NMHK.2203335	Order Date : 12/03/2022 12:32
Episode : OP	Mobile No : 9051188498
Ref. Doctor : NMH	Facility : NARAYAN MEMORIAL HOSPITAL
Address : P-221/8 , ,Kolkata,West Bengal ,700060	

Hematology

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0059238	Collection Date : 12/03/22 12:54	Ack Date :	Report Date : 12/03/22 17:47

COMPLETE HAEMOGRAM (CBC)

SAMPLE : EDTA BLOOD

HAEMOGLOBIN (HB)	12.2 ▼	gm/dl	13 - 17
<i>Colorimetric method (Cyn Meth)</i>			
RBC COUNT	4.57	$\times 10^6/\mu\text{l}$	4.5 - 5.5
<i>Electrical Impedance Method</i>			
TOTAL WBC COUNT	6.9	$10^3/\text{cmm}$	4 - 10
<i>Electrical Impedance Method</i>			
PLATELET COUNT	200	$10^3/\text{cmm}$	150 - 410
<i>Electrical Impedance Method</i>			
PCV	38 ▼	%	40 - 50
<i>RBC pulse ht. detection method</i>			
MCV	83	fl	83 - 101
<i>calculated</i>			
MCH	27	pg	27 - 32
<i>Calculated</i>			
MCHC	32	gm/dl	31.5 - 34.5
<i>Calculated</i>			
ESR	15 ▲	%	0 - 10
<i>Modified Westergren Method</i>			

DIFFERENTIAL COUNT

NEUTROPHILS	57	%	40 - 80
<i>Microscopy</i>			
LYMPHOCYTES	38	%	20 - 40
<i>Microscopy</i>			
MONOCYTES	02	%	2 - 10
<i>Microscopy</i>			
EOSINOPHILS	03	%	1 - 6
<i>Microscopy</i>			
BASOPHILS	00	%	0 - 2
<i>Microscopy</i>			

PERIPHERAL BLOOD SMEAR

RBC	Normocytic Normochromic
WBC	Within normal limit
PLATELET	Adequate

LABORATORY INVESTIGATION REPORT

Patient Name : Mr. Prasenjit Naskar
UHID : NMHK.2203335
Episode : OP
Ref. Doctor : NMH
Address : P-221/8 , ,Kolkata,West Bengal ,700060

Age/Sex : 34 Year(s)/Male
Order Date : 12/03/2022 12:32
Mobile No : 9051188498
Facility : NARAYAN MEMORIAL HOSPITAL

End of Report

Angkita K. Ghosh

Dr. ANGKITA K. GHOSH
MBBS, MD(PATH)
(CONSULTANT PATHOLOGIST)
RegNo: 82734
Checked By

LABORATORY INVESTIGATION REPORT

Patient Name : Mr. Prasenjit Naskar	Age/Sex : 34 Year(s)/Male
UHID : NMHK.2203335	Order Date : 12/03/2022 12:32
Episode : OP	Mobile No : 9051188498
Ref. Doctor : NMH	Facility : NARAYAN MEMORIAL HOSPITAL
Address : P-221/8 , ,Kolkata,West Bengal ,700060	

Immunology

INVESTIGATION	RESULTS	UNITS	BIOLOGICAL REF RANGE
Sample No : 07H0059238	Collection Date : 12/03/22 12:54	Ack Date :	Report Date : 13/03/22 13:01

BLOOD GROUPING & Rh TYPING

SAMPLE : EDTA BLOOD

BLOOD GROUP

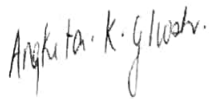
Agglutination forward & Reverse

RH TYPE

' AB '

POSITIVE

End of Report



Dr. ANGKITA K. GHOSH
MBBS, MD(PATH)
(CONSULTANT PATHOLOGIST)
RegNo: 82734
Checked By

DIAGNOSTICS REPORT

Patient Name	: Mr. Prasenjit Naskar	Order Date	: 12/03/2022 12:32
Age/Sex	: 34 Year(s)/Male	Report Date	: 12/03/2022 14:21
UHID	: NMHK.2203335	IP No	:
Ref. Doctor	: NMH	Facility	: NARAYAN MEMORIAL HOSPITAL
Address	: P-221/8, ,Kolkata, West Bengal, 700060	Mobile	: 9051188498

USG REPORT OF WHOLE ABDOMEN

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

PORTA :PV : Normal. PV measures 0.9 cm.

CBD : Normal. CBD measures 0.5 cm.

GALL BLADDER : Gall bladder is normal in size, contour, outline and position. No calculus is 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 is maintained . No evidence of any calculus/ mass / hydronephrosis is seen. Right kidney measures : 10.5 cm & Left kidney measures : 11.0 cm.

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 3.0 cm x 2.5 cm x 2.4 cm. It weight approx 9.8 gm.

DIAGNOSTICS REPORT

Patient Name : Mr. Prasenjit Naskar
Age/Sex : 34 Year(s)/Male
UHID : NMHK.2203335
Ref. Doctor : NMH

Order Date : 12/03/2022 12:32
Report Date : 12/03/2022 14:21
IP No :
Facility : NARAYAN MEMORIAL
HOSPITAL
Mobile : 9051188498

Address : P-221/8, ,Kolkata, West Bengal,
700060

PERITONEUM : No free fluid is noted.

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

IMPRESSION : Diffuse fatty changes in liver.



Dr.MADHUSHREE RAY NASKAR,
MBBS,DMRD

Consultant Radiologist

RegNo: 57032

DIAGNOSTICS REPORT

Patient Name	: Mr. Prasenjit Naskar	Order Date	: 12/03/2022 12:32
Age/Sex	: 34 Year(s)/Male	Report Date	: 12/03/2022 18:52
UHID	: NMHK.2203335	IP No	:
Ref. Doctor	: NMH	Facility	: NARAYAN MEMORIAL HOSPITAL
Address	: P-221/8, ,Kolkata, West Bengal, 700060	Mobile	: 9051188498

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

Krasi

DIAGNOSTICS REPORT

Patient Name	: Mr. Prasenjit Naskar	Order Date	: 12/03/2022 12:32
Age/Sex	: 34 Year(s)/Male	Report Date	: 13/03/2022 11:08
UHID	: NMHK.2203335	IP No	:
Ref. Doctor	: NMH	Facility	: NARAYAN MEMORIAL HOSPITAL
Address	: P-221/8, ,Kolkata, West Bengal, 700060	Mobile	: 9051188498

2D ECHOCARDIOGRAPHY WITH M-MODE

MEASUREMENTS

2D and M-Mode :

IVS (d)	11 mm	Aorta (at sinuses)	30 mm
LVID (d)	44 mm	LA diameter	34 mm
LVPW (d)	10 mm	RVID (d) - basal	16 mm
LVID (s)	23 mm	TAPSE	24 mm
LVEF	60 %		

Estimated PASP = 20 mmHg

FINDINGS

Left Ventricle :

Cavity size : Normal.

Wall thickness : Normal.

Segmental wall motion : No abnormality found.

Global systolic function : Normal (EF = 60 %)

Diastolic function : Normal.

Left Atrium :Normal sized; no clot in body of appendage.

Right Ventricle and Right Atrium :Normal sized; normal RV systolic function.

Mitral Valve :Normal leaflets, good excursion, normal subvalvular apparatus. No regurgitation / No MS.

Aortic valve :Structurally normal, trileaflet, normal motion, no regurgitation.

Pulmonary Valve :Normal structure, adequate opening.

Tricuspid Valve :Normal structure, normal excursion. Trivial TR. TR gradient = 15 mmHg.

DIAGNOSTICS REPORT

Patient Name	: Mr. Prasenjit Naskar	Order Date	: 12/03/2022 12:32
Age/Sex	: 34 Year(s)/Male	Report Date	: 13/03/2022 11:08
UHID	: NMHK.2203335	IP No	:
Ref. Doctor	: NMH	Facility	: NARAYAN MEMORIAL HOSPITAL
Address	: P-221/8, ,Kolkata, West Bengal, 700060	Mobile	: 9051188498

Interartial and Interventricular Septum :No breech could be seen.

Aorta :Normal sized root and proximal aorta.

Pulmonary Artery :Normal, no pulmonary arterial hypertension.

Pericardium :Normal, no effusion.

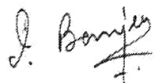
Inferior Vena Cava :IVC normal diameter, > 50% respiratory variation.

Others :No thrombus, mass, vegetation seen.

IMPRESSION:

Status of Patient :

- * No regional wall motion abnormality at rest.
- * Good LV systolic function (EF = 60 %).
- * Good RV systolic function (TAPSE = 24 mm).
- * Normal valve morphology.
- * Normal LV diastolic function.
- * No pericardial effusion.
- * No pulmonary arterial hypertension.



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

Board Certified Comprehensive
Echocardiographer (USA)

DIAGNOSTICS REPORT

Patient Name	: Mr. Prasenjit Naskar	Order Date	: 12/03/2022 12:32
Age/Sex	: 34 Year(s)/Male	Report Date	: 12/03/2022 16:14
UHID	: NMHK.2203335	IP No	:
Ref. Doctor	: NMH	Facility	: NARAYAN MEMORIAL HOSPITAL
Address	: P-221/8, ,Kolkata, West Bengal, 700060	Mobile	: 9051188498

ELECTROCARDIOGRAM REPORT (ECG)

HR : 78 bpm

Rhythm : Sinus

P wave : Normal

PR Interval : 138 msec

QRS axis : Normal (32 Degree)

QRS duration : 82 msec

QRS configuration : Normal

T wave : Non specific ST-T changes


ST segment : Non specific ST-T changes

QTc : 379 msec

QT : 330 msec

IMPRESSION:

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



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

Board Certified Comprehensive
Echocardiographer (USA)

PRASENJIT NASKAR

2203335

Male

34 years
cm / kg

HR 78/min

Axis: 45°

SINUS RHYTHM
OTHERWISE NORMAL ECG

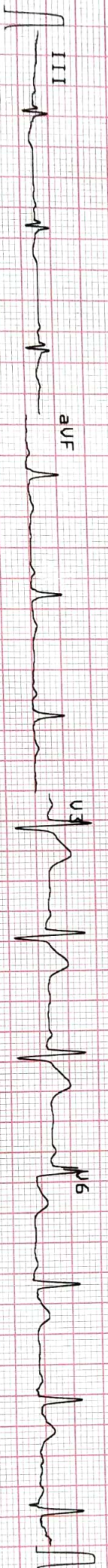
6.02

UNCONFIRMED REPORT

Intervals:
 RR 772 ms
 P 104 ms
 PR 138 ms
 QR5 82 ms
 QT 330 ms
 QTc 379 ms
 (Bazett)
 10 mm/mV

QR5 32°
 T 23°
 P (II) 0.10 mV
 S (V1) -1.09 mV
 R (V5) 0.83 mV
 Sokol. 2.09 mV

10 mm/mV



2 mm/mV

NARAYAN MEMORIAL HOSPITAL, BEHOLA

AT-102plus 1.25 Ct