

General Physical Examination

Date of Examination: 05/03/23
Name: Surbhi Chauhan Age: 46 Sex: Female
DOB: 10.11.1976
Referred By: BOB
Photo ID: Aadhar ID #: attached
Ht: 156 (cm) Wt: 81 (Kg)
Chest (Expiration): 108 (cm) Abdomen Circumference: 92 (cm)
Blood Pressure: 128/86 mm Hg PR: 89 / min RR: 16 / min Temp: Afebrile
BMI 33.3

Eye Examination: Vision normal 6/6, N/G.
No Colour blindness.
Other: Not significant.

On examination he/she appears physically and mentally fit: Yes / No

Signature Of Examinee : Surbhi Name of Examinee: _____

Signature Medical Examiner : _____ Name Medical Examiner _____

Dr Piyush Goyal
M.B.B.S., D.M.R.D
RMC Reg. No -017996

भारत सरकार
GOVERNMENT OF INDIA

सुरभि चौहान
Surbhi Chauhan
जन्म तिथि/ DOB: 10/11/1976
महिला / FEMALE

5454 1484 2501

आधार-आम आदमी का अधिकार

Dr Piyush Goyal
M.B.B.S., D.M.R.D
RMC Reg No -017996

Surbhi

भारतीय विशिष्ट पहचान प्राधिकरण
UNIQUE IDENTIFICATION AUTHORITY OF INDIA

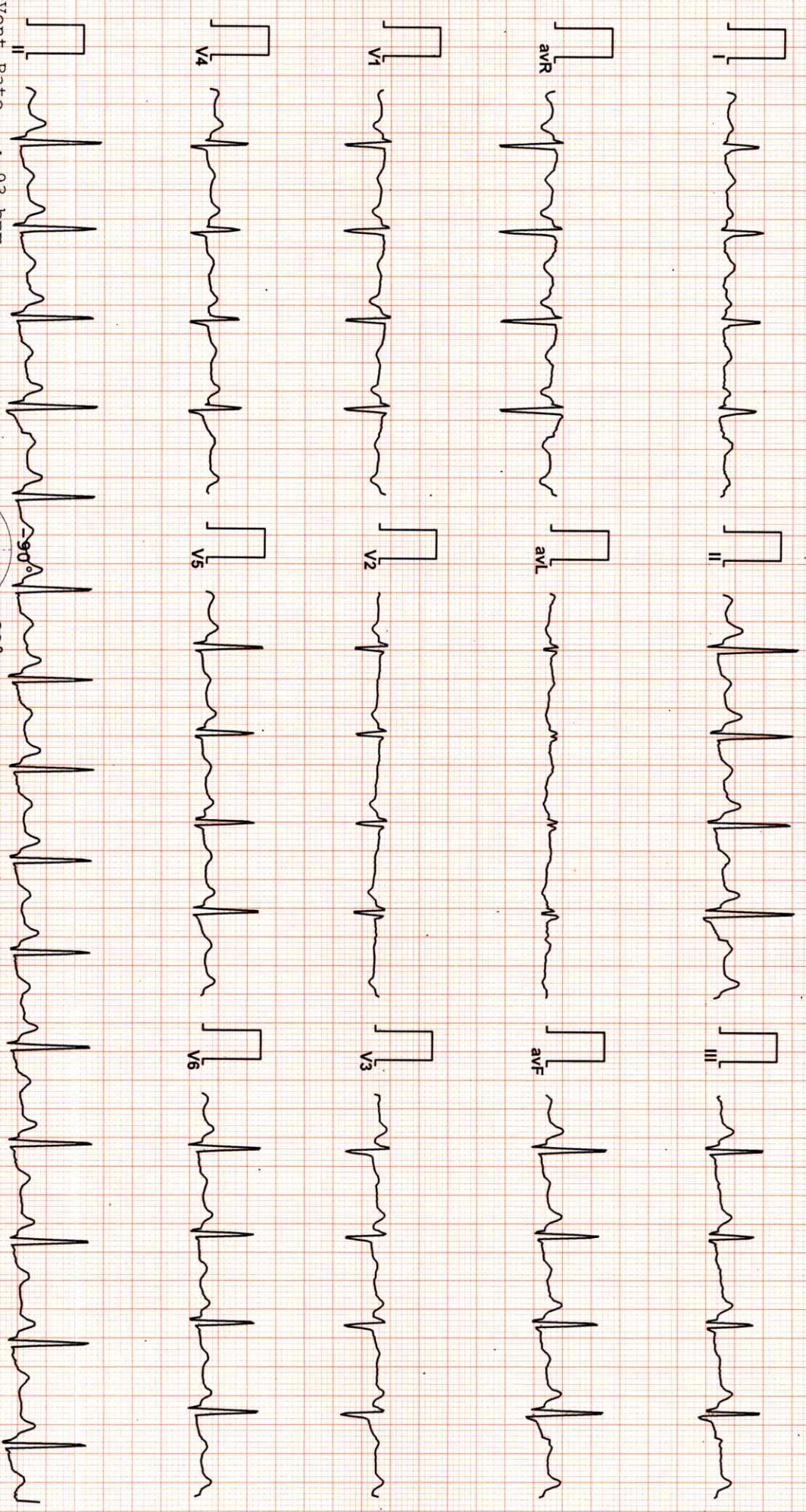
पता:
W/O आदित्य चौहान, 55.,
रामेश्वरम कॉलोनी,, पावर
हाउस के पीछे, सिरसी रोड,
सिरसी, जयपुर,
राजस्थानराजस्थान -
302012

Address:
W/O Aditya Chauhan, 55,
rameshwaram colony,, behind power
house, sirs road, Sirsi, Jaipur,
Rajasthan - 302012

5454 1484 2501

Aadhaar-Aam Admi ka Adhikar

3910 / MRS SURBHI / 46 Yrs / F / Non Smoker
Heart Rate : 93 bpm / Tested On : 05-Mar-23 11:26:25 / HF 0.05 Hz - LF 35 Hz / Notch 50 Hz / Sn 1.00 Cm/mV / Sw 25 mm/s
/ Refd By.: BOB



Sinus rhythm with JST pattern in V1, V2.

Vent Rate : 93 bpm
PR Interval : 148 ms
QRS Duration : 84 ms
QT/QTc Int : 342/400 ms
P-QRS-T axis: 75.00° 51.00° 37.00°

180°
-90°
-30°
P-R-T Axis
P 75.00°
R 51.00°
T 37.00°

Reported By:



MRS SURBHI / 46 Yrs / F / 0 Cms / 0 Kg
Date: 05 / 03 / 2023 Refd By : BOB Examined By:

Stage	Time	Duration	Speed(mph)	Elevation	METS	Rate	% THR	BP	RPP	PVC	Comments
Supine	00:10	0:10	01.1	00.0	01.0	085	49%	116/74	098	00	
Standing	00:21	0:11	01.1	00.0	01.0	083	48%	116/74	096	00	
HV	00:41	0:20	01.1	00.0	01.0	099	57%	116/74	114	00	
Warm Up	01:00	0:19	01.1	00.0	01.0	116	67%	116/74	134	00	
ExStart	01:56	0:56	01.1	00.0	01.0	136	78%	116/74	157	00	
BRUCE Stage 1	04:56	3:00	01.7	10.0	04.7	147	84%	120/80	176	00	
BRUCE Stage 2	07:56	3:00	02.5	12.0	07.1	157	90%	130/88	204	00	
PeakEx	09:17	1:21	03.4	14.0	08.5	174	100%	130/88	226	00	
Recovery	10:17	1:00	00.0	00.0	01.2	143	82%	136/90	194	00	
Recovery	11:17	2:00	00.0	00.0	01.0	124	71%	130/82	161	00	
Recovery	12:17	3:00	00.0	00.0	01.0	115	66%	126/80	144	00	
Recovery	13:17	4:00	00.0	00.0	01.0	105	60%	120/78	125	00	
Recovery	14:00	4:43	00.0	00.0	01.0	110	63%	116/74	127	00	

FINDINGS :

Exercise Time : 07:21
 Max HR Attained : 174 bpm 100% of Target 174
 Max BP Attained : 136/90 (mm/Hg)
 Max Workload Attained : 8.5 Fair response to induced stress
 Test End Reasons : Test Complete, Heart Rate Achieved

REPORT :

TMT 98 Negative for PM1

Dr. Mohan Kumar Moha-ka
 M.B.S. DIP. CARDIO (ESCORTS)
 S.I.M. (RCGP-UK)



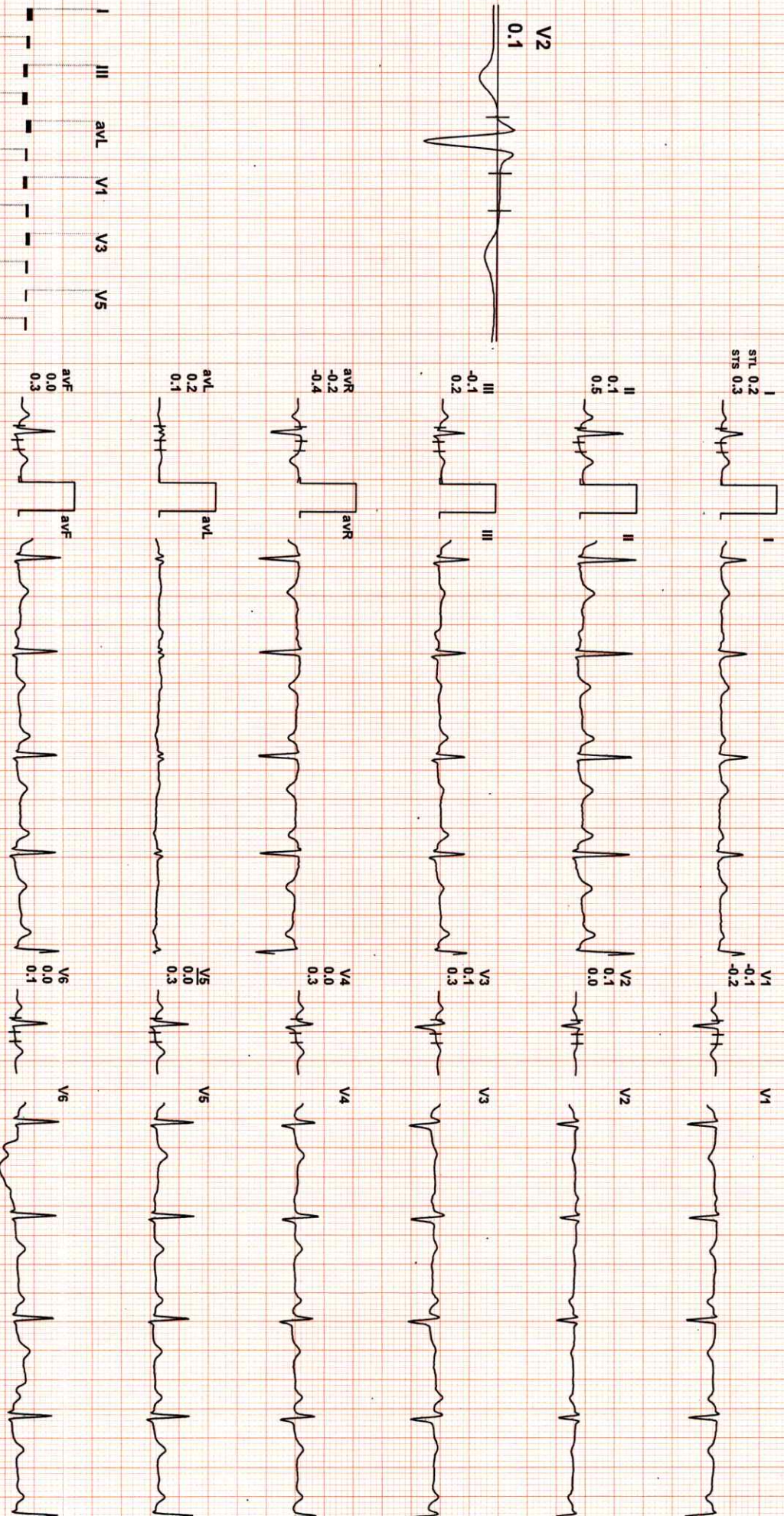
Date: 05 / 03 / 2023

METS: 1.0/ 85 bpm 49% of THR BP: 116/74 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 35 Hz

ExTime: 00:00 1.1 mph, 0.0%

4X 80 mS Post J

25 mm/Sec. 1.0 Cm/mV



REMARKS:

(ADX_GEM217220330)(R)Allengers



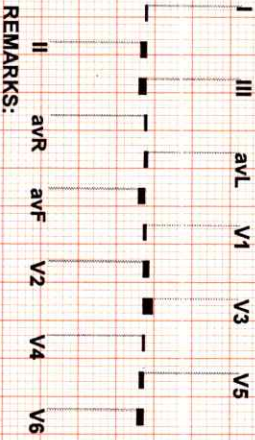
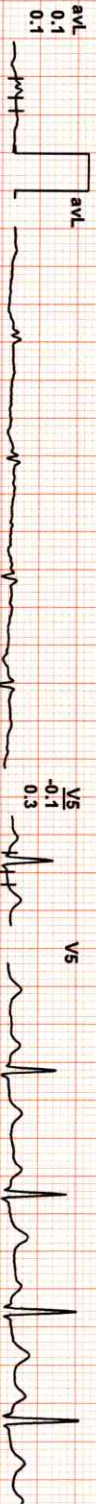
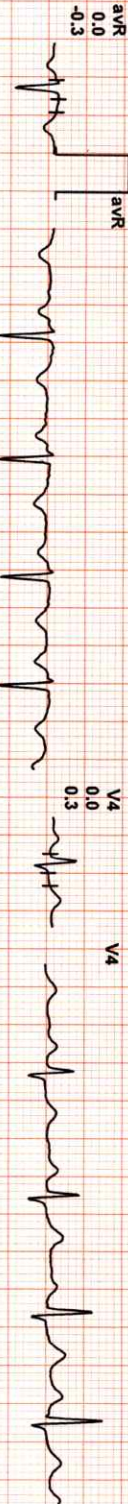
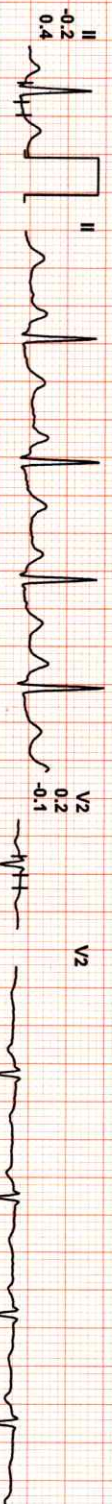
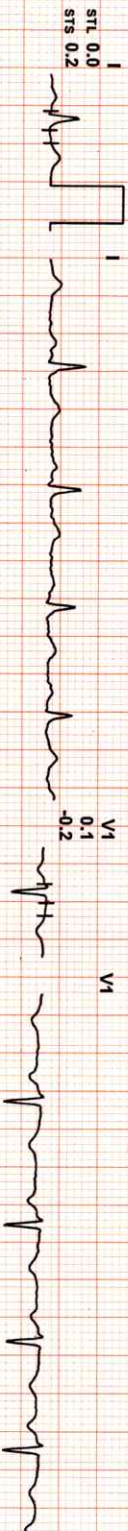
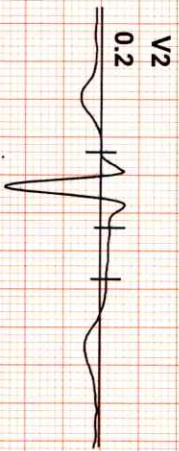
Date: 05 / 03 / 2023

METS: 1.0/ 83 bpm 48% of THR BP: 116/74 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 HZ/LF 35 Hz

EXTime: 00:00 1.1 mph, 0.0%

4X 80 mS Post J

25 mm/Sec. 1.0 Cm/mV



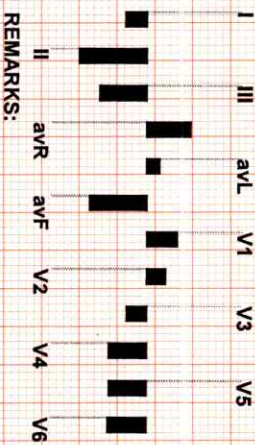
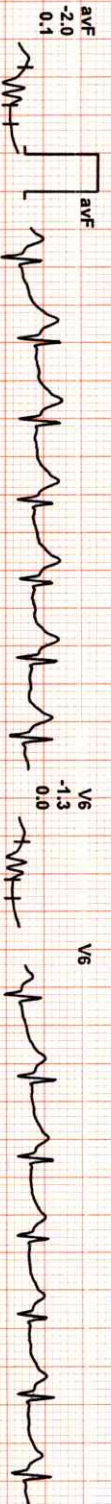
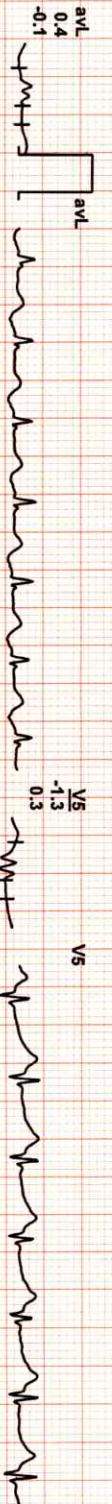
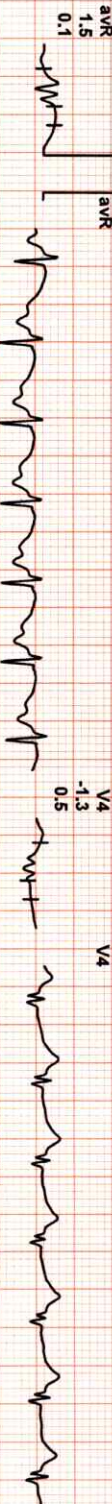
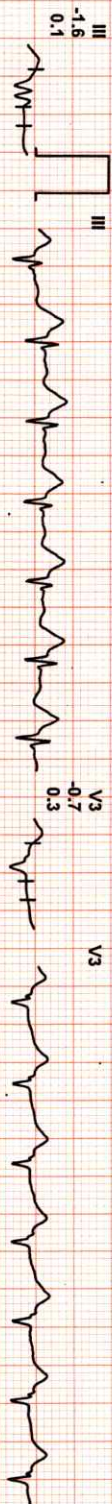
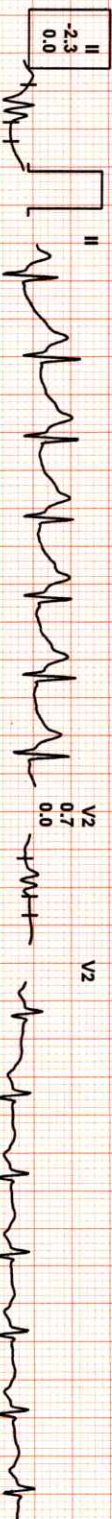
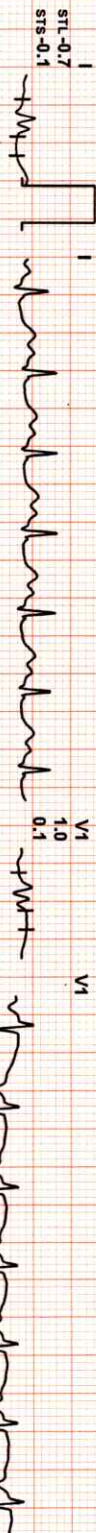
REMARKS:

(ADX_GEM217220330)(R)Allengers



4X 80 mS Post J

25 mm/Sec. 1.0 Cm/mV



REMARKS:

(ADX_GEM217220330)(R)Allengers



Date: 05 / 03 / 2023

METS: 1.0/ 116 bpm 67% of THR BP: 116/74 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 35 Hz

EXTime: 00:00 1.1 mph, 0.0%

4X 80 mS Post J

25 mm/Sec. 1.0 Cm/mV



I
STI -0.2
ST3 0.2

II
-2.0
0.8

III
-1.8
0.5

aVR
1.1
-0.5

aVL
0.8
-0.1

aVF
-1.9
0.7

V1
0.9
-0.3

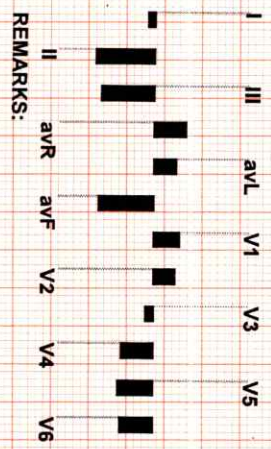
V2
0.7
-0.2

V3
-0.3
0.6

V4
-1.1
0.9

V5
-1.2
0.7

V6
-1.1
0.6



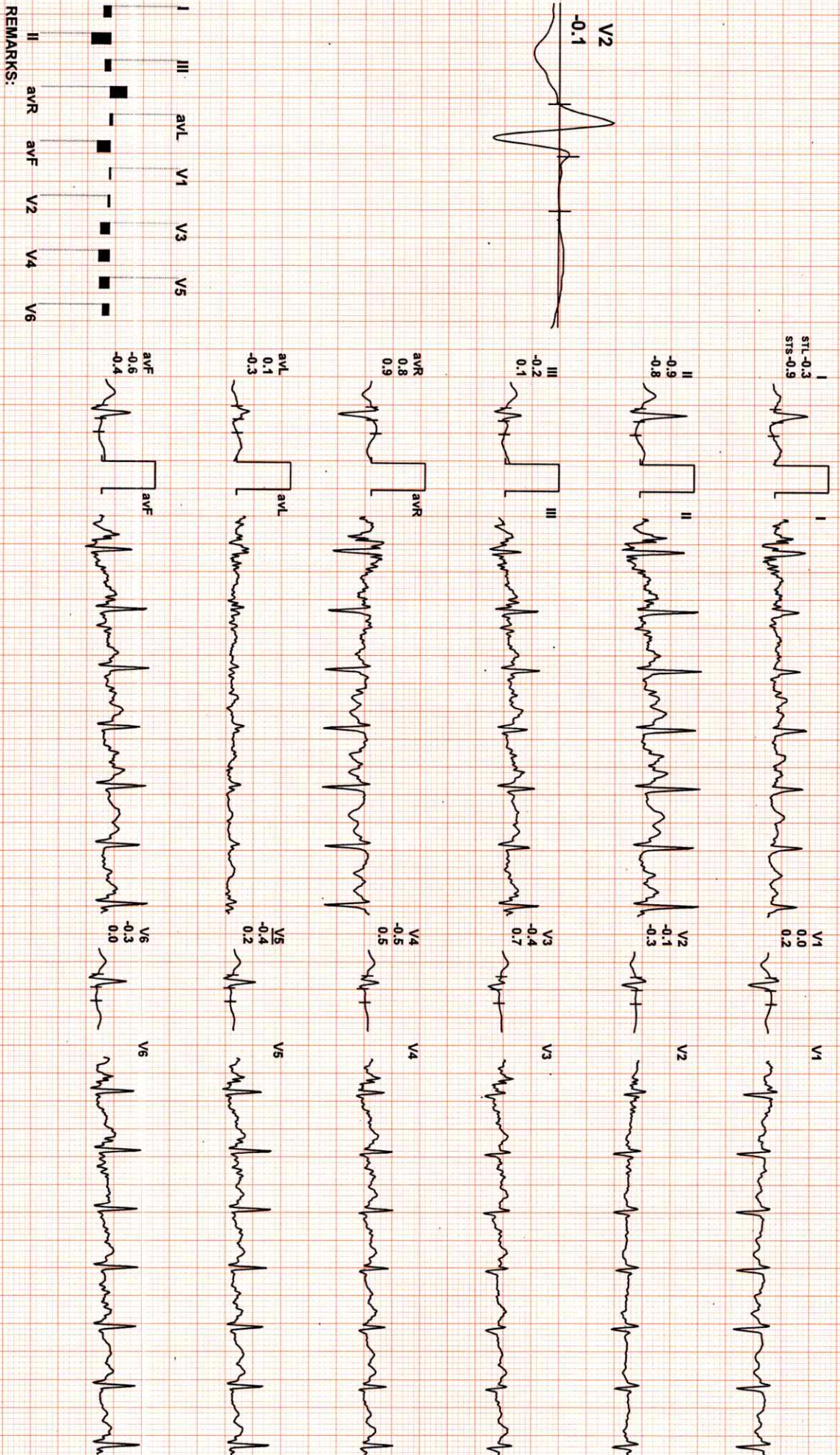
REMARKS:

(ADX_GEM217220330)(R)Allergens



4X 80 ms Post J

ExTime: 00:00 1.1 mph, 0.0%
25 mm/Sec. 1.0 cm/mV



REMARKS:

(ADX_GEM21720330)(R)Allengers



MRS SURBHI / 46 Yrs / F / 0 Cms / 0 Kg / HR : 147

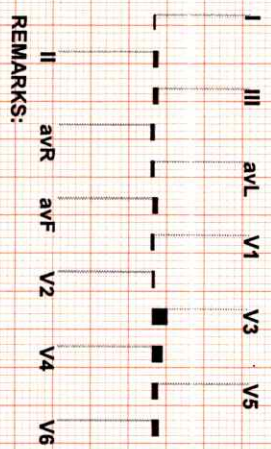
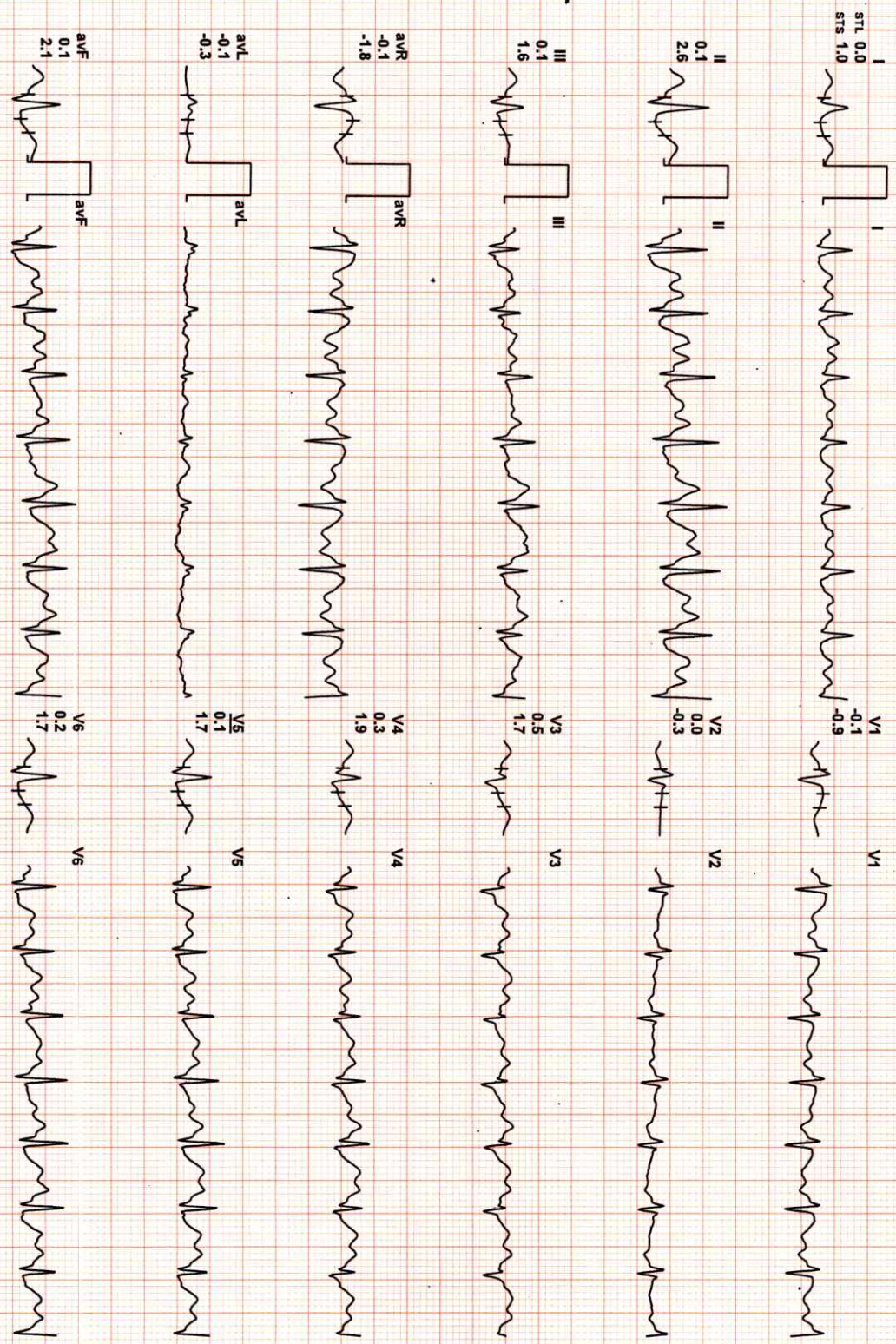
Date: 05 / 03 / 2023

METS: 4.7/ 147 bpm 84% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 35 Hz

4X 60 mS Post J

25 mm/Sec. 1.0 Cm/mV

ExTime: 03:00 1.7 mph, 10.0%



REMARKS:

(ADX_GEM217220330)(R)Allergens



Date: 05 / 03 / 2023

METS: 7.11 157 bpm 90% of THR BP: 130/88 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 HZLF 35 HZ

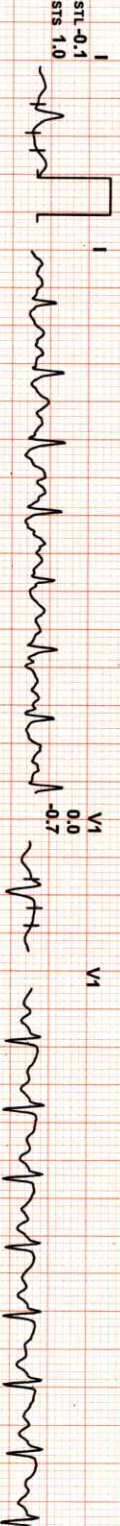
ExTime: 06:00 2.5 mph, 12.0%

4X 60 mS Post J

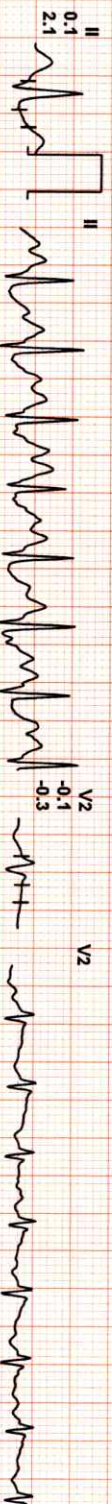
25 mm/Sec. 1.0 Cm/mV



STL -0.1
STS 1.0

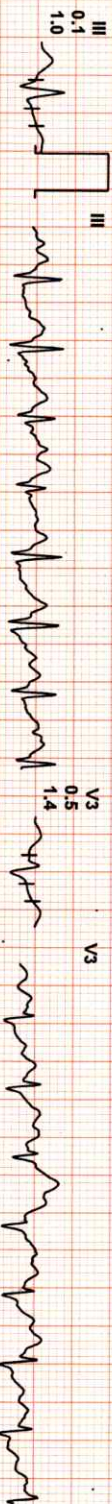


V1 0.0



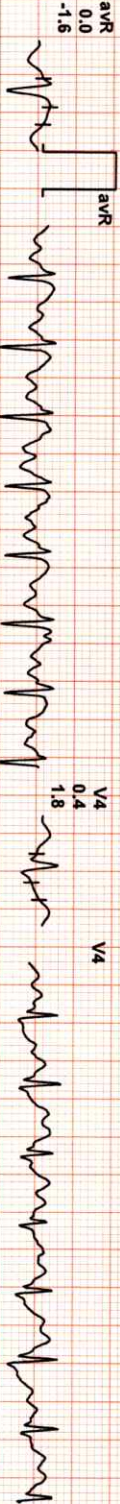
II 0.1
2.1

V2 -0.1
-0.3



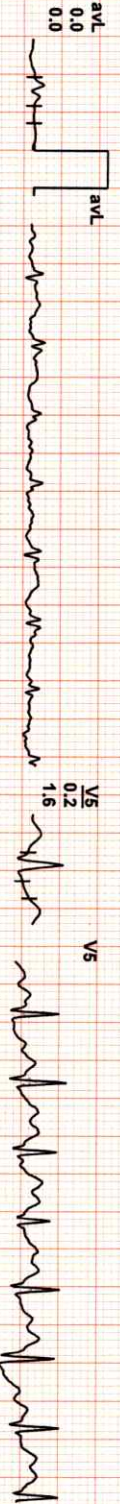
III 0.1
1.0

V3 0.5
1.4



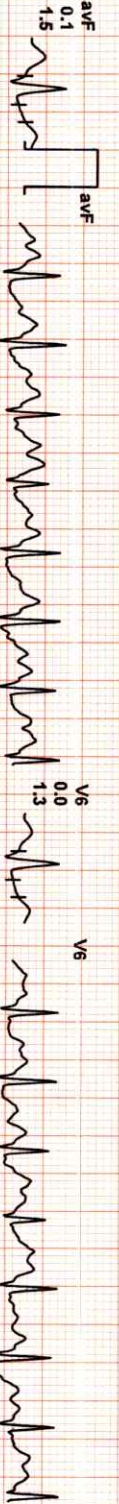
aVR 0.0
-1.6

V4 0.4
1.8



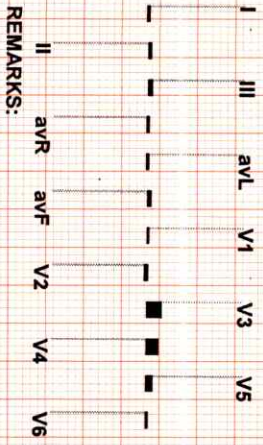
aVL 0.0
0.0

V5 0.2
1.6



aVF 0.1
1.5

V6 0.0
1.3



REMARKS:

(ADX_GEM217220330)(R)Allengers

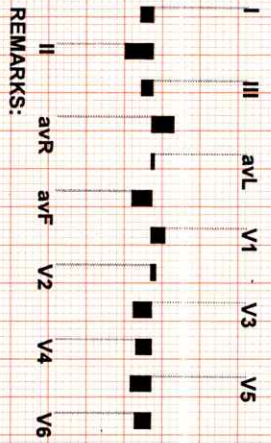
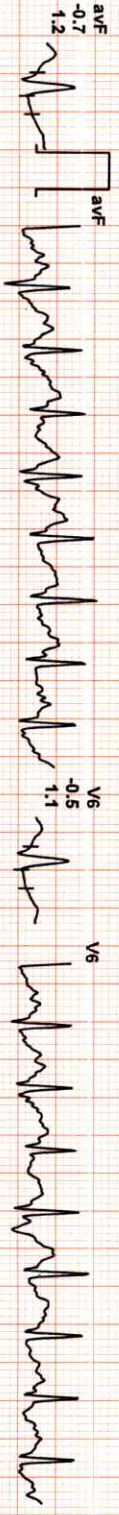
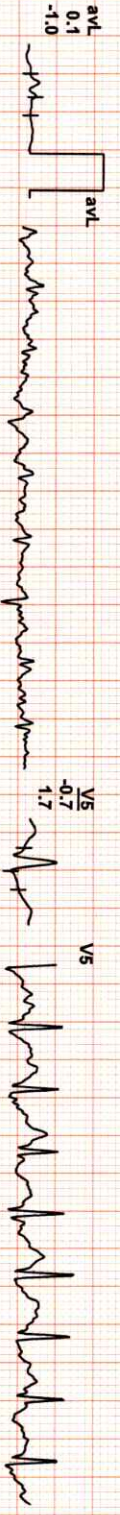
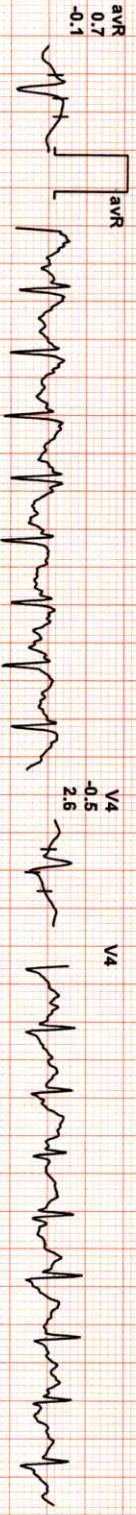
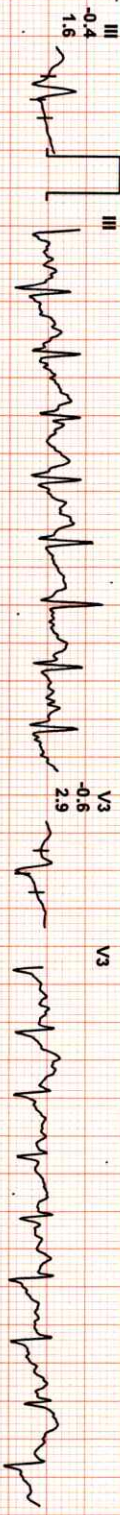
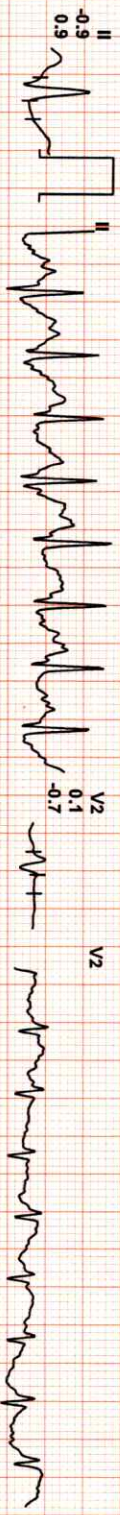
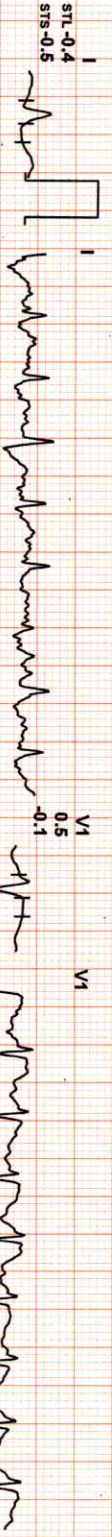
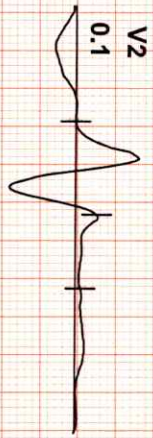
Date: 05 / 03 / 2023

METS: 8.5/ 174 bpm 100% of THR BP: 130/88 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 HZ/LF 35 HZ

EXTime: 07:21 3.4 mph, 14.0%

4X 60 mS Post J

25 mm/Sec. 1.0 Cm/mV



REMARKS:

(ADX_GEM217220330)(R)Allengers



Date: 05 / 03 / 2023

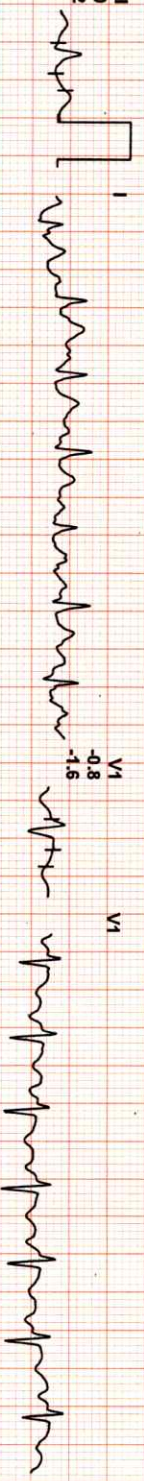
METS: 1.21 143 bpm 82% of THR BP: 136/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 HZ/LF 35 HZ

ExTime: 07:21 0.0 mph, 0.0%

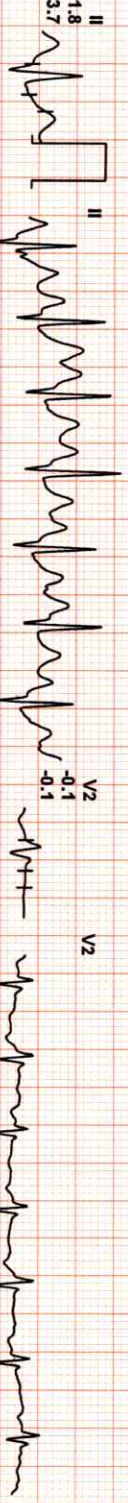
4X 60 MS Post J

25 mm/Sec. 1.0 Cm/mV

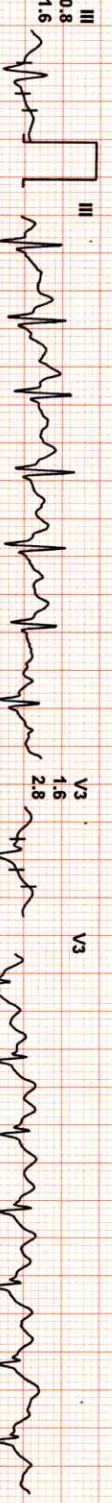
STL 1.0
STS 2.2



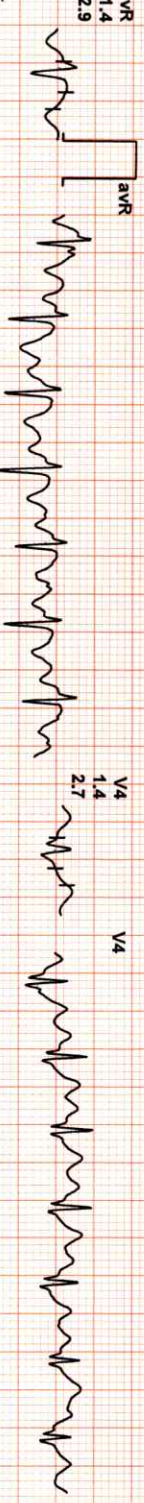
I 1.8
3.7



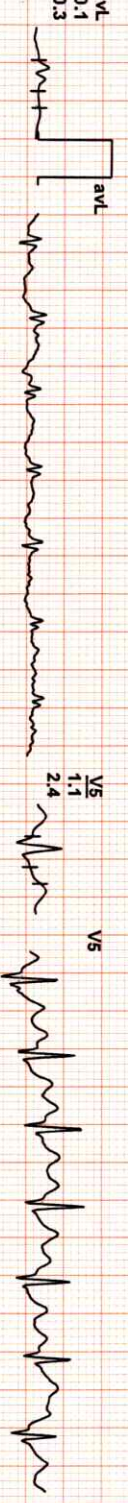
II 1.8
3.7



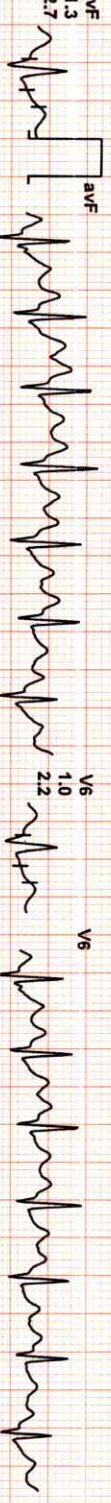
III 0.8
1.6



aVR -1.4
-2.9



aVL 0.1
0.3



aVF 1.3
2.7

I II III aVR aVL aVF V1 V2 V3 V4 V5 V6

REMARKS:

(ADX_GEM21720330)(R)Allengers



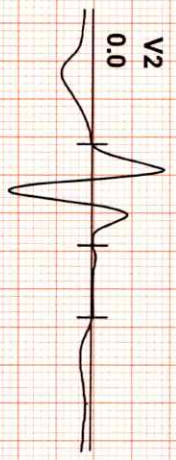
Date: 05 / 03 / 2023

METS: 1.0/ 124 bpm 71% of THR BP: 130/82 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 35 Hz

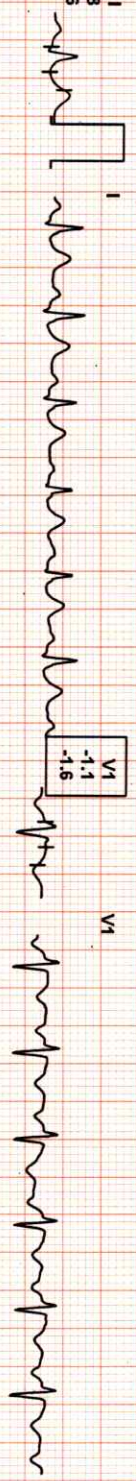
EXTime: 07:21 0.0 mph, 0.0%

4X 80 MS Post J

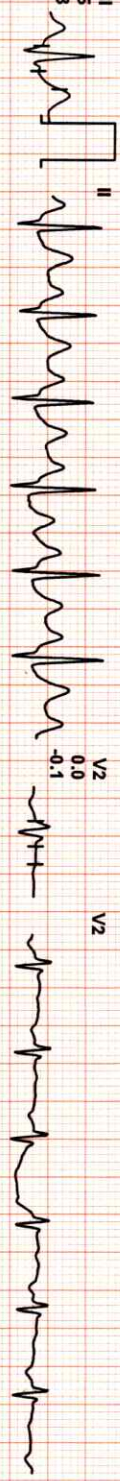
25 mm/Sec. 1.0 Cm/mV



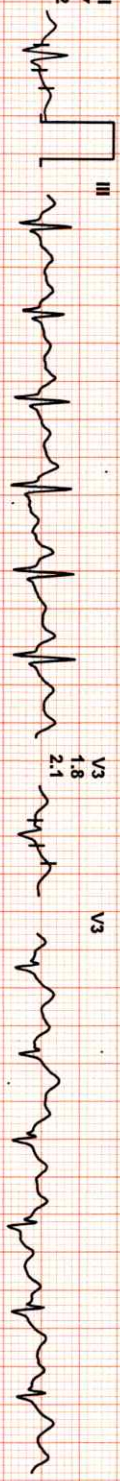
I
STL 1.8
STS 2.6



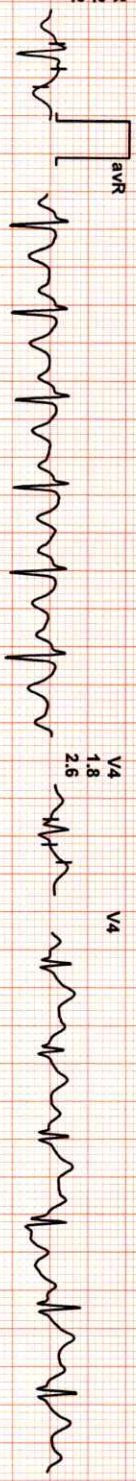
II
2.5
3.8



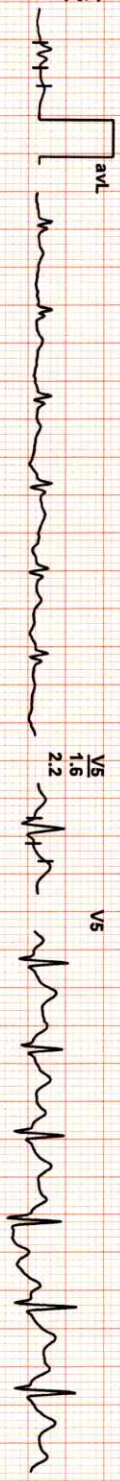
III
0.7
1.2



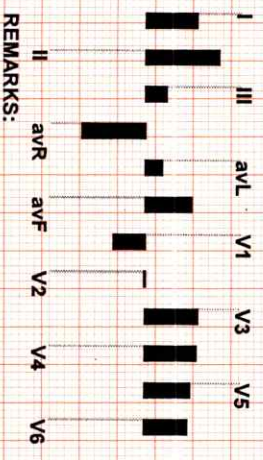
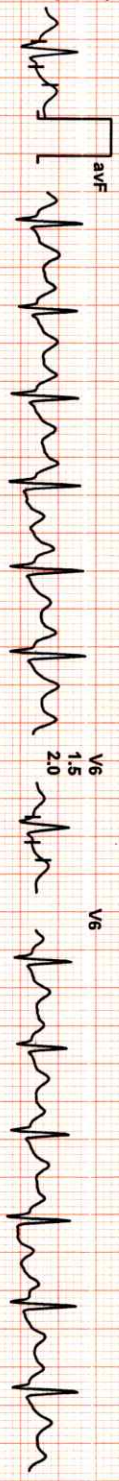
aVR
-2.2
-3.2



aVL
0.6
0.7



aVF
1.6
2.5



REMARKS:

(ADX_GEM217220330)(R)Allengers



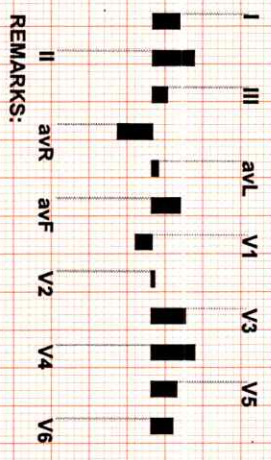
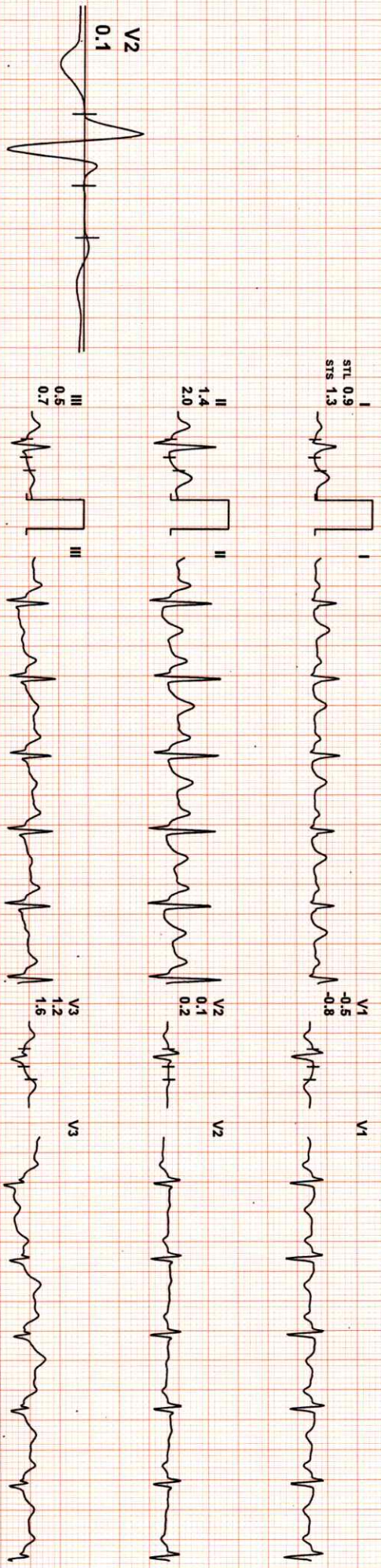
Date: 05 / 03 / 2023

METS: 1.0/ 115 bpm 66% of THR BP: 126/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 HZ/LF 35 HZ

ExTime: 07:21 0.0 mph, 0.0%

4X 80 MS Post J

25 mm/Sec. 1.0 Cm/mV



REMARKS:

(ADX_GEM217220330)(R)Allengers



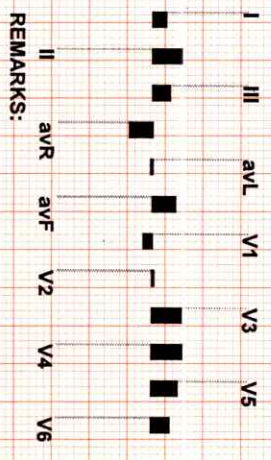
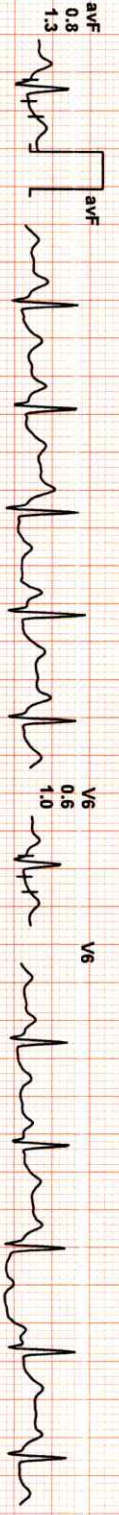
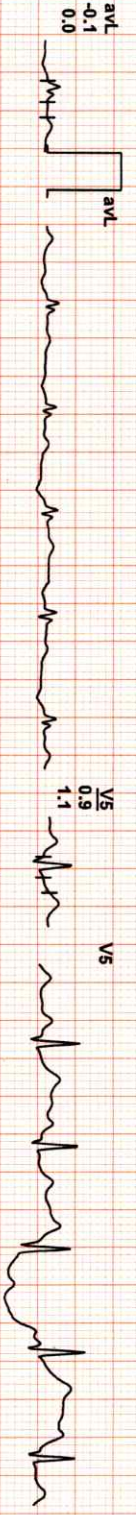
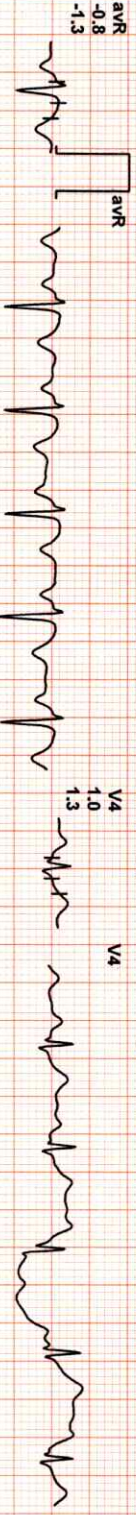
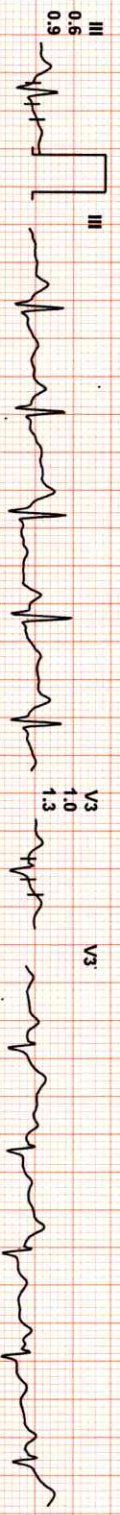
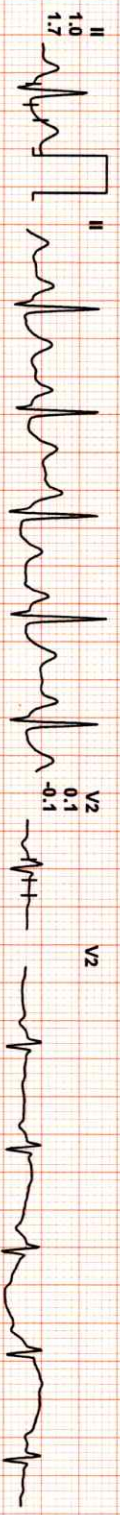
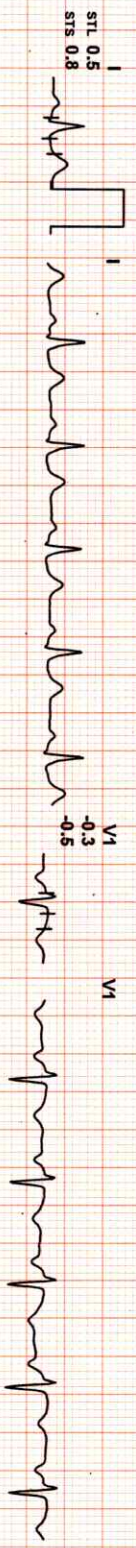
Date: 05 / 03 / 2023

METS: 1.0/ 105 bpm 60% of THR BP: 120/78 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 35 Hz

ExTime: 07:21 0.0 mph, 0.0%

4X 80 mS Post J

25 mm/Sec. 1.0 Cm/mV



REMARKS:

(ADX_GEM217220330)(R)Allengers



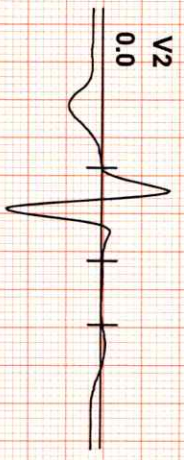
Date: 05 / 03 / 2023

METS: 1.0/ 110 bpm 63% of THR BP: 116/74 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 HZLF 35 HZ

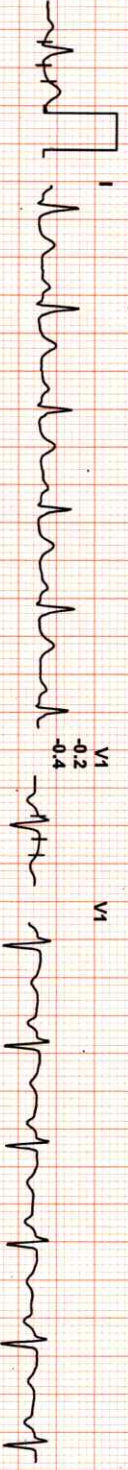
EXTime: 07:21 0.0 mph, 0.0%

4X 80 mS Post J

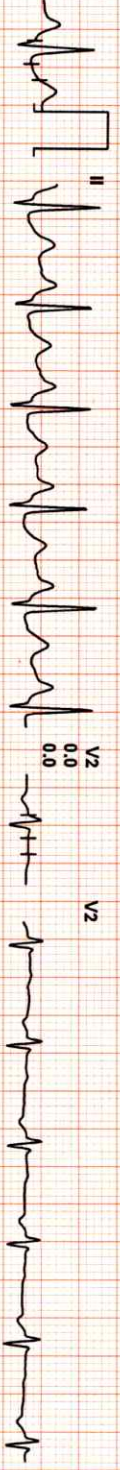
25 mm/Sec. 1.0 Cm/mV



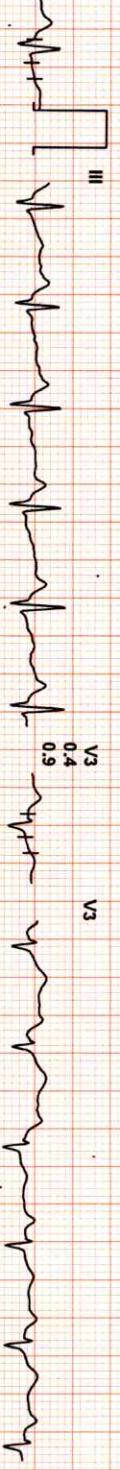
I
STL 0.6
STS 0.8



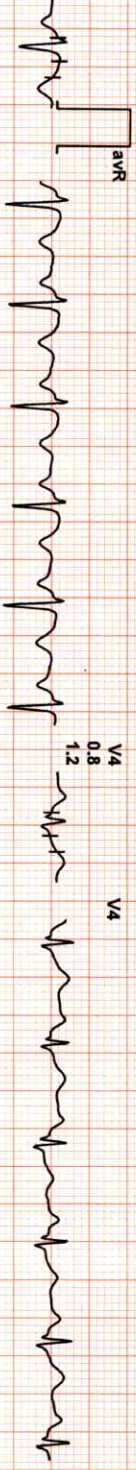
II
0.7
1.4



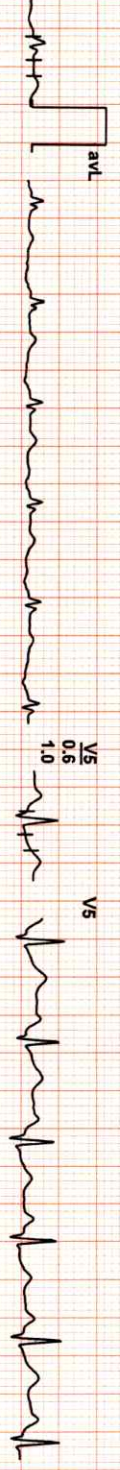
III
0.1
0.6



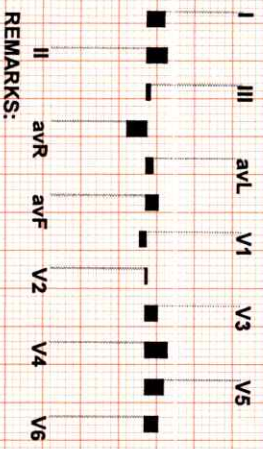
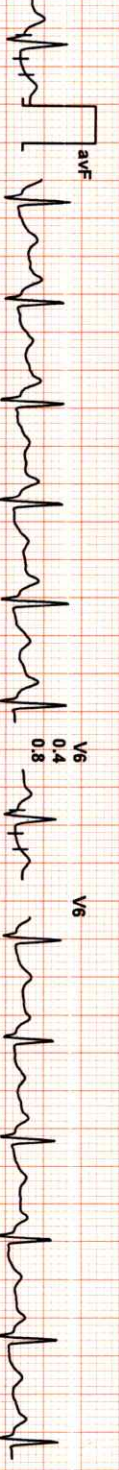
aVR
-0.7
-1.1



aVL
0.2
0.1



aVF
0.4
1.0



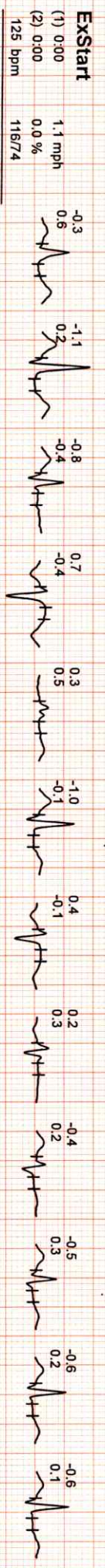
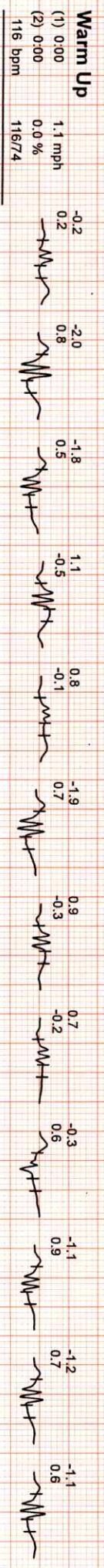
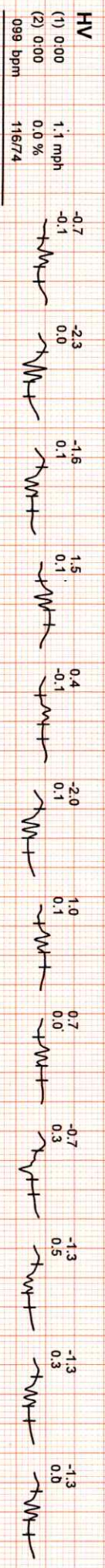
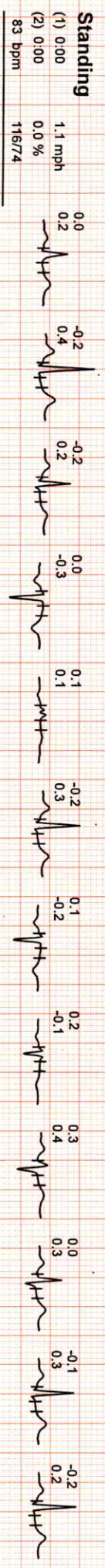
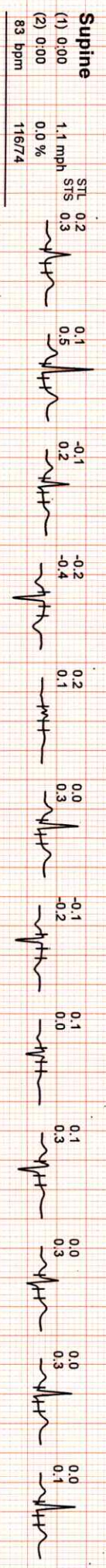
REMARKS:

(ADX_GEM217220330)(R)Allengers



Date: 05 / 03 / 2023

I II III aVR aVL aVF V1 V2 V3 V4 V5 V6



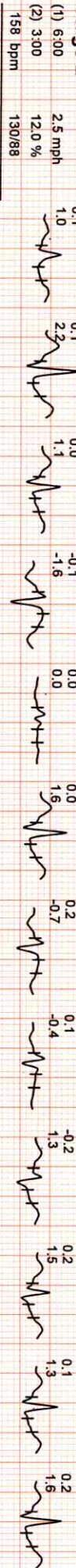
(ADX_GEM217220330)(R)Allengers



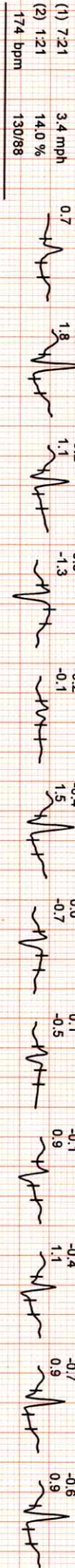
Date: 05 / 03 / 2023

I II III avR avL avF V1 V2 V3 V4 V5 V6

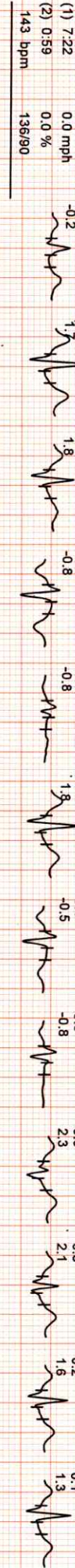
Stage 2



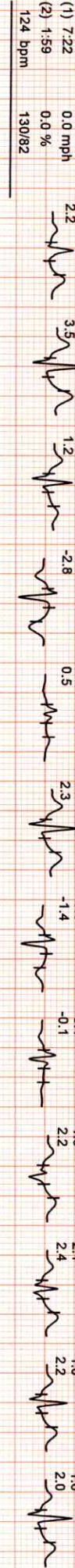
PeakEx



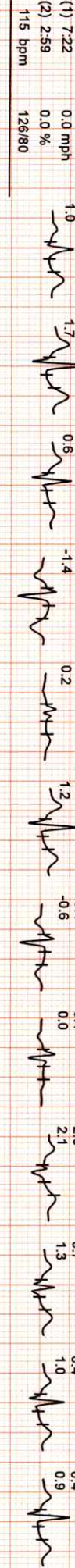
Recovery



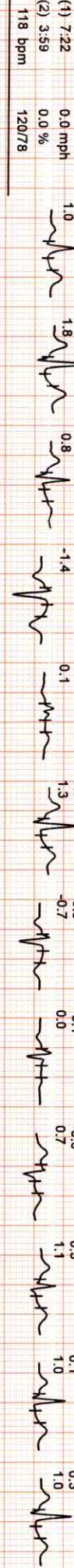
Recovery



Recovery



Recovery



(ADX_GEM217220330)(R)Allengers

DR GOYAL'S PATH LAB & IMAGING CENTRE

MRS SURBHI / 46 Yrs / F / 0 Cms / 0 Kg / HR : 86

Average



Date: 05 / 03 / 2023

Recovery		I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
(1) 7.22	0.0 mph	0.6	0.7	0.1	-0.7	0.2	0.4	-0.2	0.0	0.4	0.8	0.6	0.4
(2) 4.43	0.0 %	0.8	1.4	0.6	-1.1	0.1	1.0	-0.4	0.0	0.9	1.2	1.0	0.8
110 bpm	116/74												

(ADX_GEM217220330)(R)Allengers



Date :- 05/03/2023 08:22:58

Patient ID :-122229820



NAME :- Mrs. SURBHI

Ref. By Dr:- BOB

Sex / Age :- Female 46 Yrs 3 Mon 25 Days

Lab/Hosp :-

Company :- MediWheel

Sample Type :- EDTA

Sample Collected Time 05/03/2023 08:34:09

Final Authentication : 05/03/2023 12:36:55

HAEMATOLOGY

Test Name	Value	Unit	Biological Ref Interval
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BOB PACKAGE FEMALE ABOVE 40

GLYCOSYLATED HEMOGLOBIN (HbA1C)

5.8

%

Non-diabetic: < 5.7
 Pre-diabetics: 5.7-6.4
 Diabetics: = 6.5 or higher
 ADA Target: 7.0
 Action suggested: > 6.5

Method:- HPLC

Instrument name: ARKRAY's ADAMS Lite HA 8380V, JAPAN.

Test Interpretation:

HbA1C is formed by the condensation of glucose with n-terminal valine residue of each beta chain of HbA to form an unstable schiff base. It is the major fraction, constituting approximately 80% of HbA1c. Formation of glycosylated hemoglobin (GHb) is essentially irreversible and the concentration in the blood depends on both the lifespan of the red blood cells (RBC) (120 days) and the blood glucose concentration. The GHb concentration represents the integrated values for glucose over the period of 6 to 8 weeks. GHb values are free of day to day glucose fluctuations and are unaffected by recent exercise or food ingestion. Concentration of plasma glucose concentration in GHb depends on the time interval, with more recent values providing a larger contribution than earlier values. The interpretation of GHb depends on RBC having a normal life span. Patients with hemolytic disease or other conditions with shortened RBC survival exhibit a substantial reduction of GHb. High GHb have been reported in iron deficiency anemia. GHb has been firmly established as an index of long term blood glucose concentrations and as a measure of the risk for the development of complications in patients with diabetes mellitus. The absolute risk of retinopathy and nephropathy are directly proportional to the mean of HbA1C. Genetic variants (e.g: HbS trait, HbC trait), elevated HbF and chemically modified derivatives of hemoglobin can affect the accuracy of HbA1C measurements. The effects vary depending on the specific Hb variant or derivative and the specific HbA1c method.

Ref by ADA 2020

MEAN PLASMA GLUCOSE

120

mg/dL

Non Diabetic < 100 mg/dL
 Prediabetic 100- 125 mg/dL
 Diabetic 126 mg/dL or Higher

Method:- Calculated Parameter

AJAYSINGH
 Technologist

Page No: 1 of 13



Dr. Rashmi Bakshi
 MBBS. MD (Path)
 RMC No. 17975/008828

Date :- 05/03/2023 08:22:58

NAME :- Mrs. SURBHI

Sex / Age :- Female 46 Yrs 3 Mon 25 Days

Company :- MediWheel

Patient ID :- 122229820

Ref. By Dr:- BOB

Lab/Hosp :-



Sample Type :- EDTA

Sample Collected Time 05/03/2023 08:34:09

Final Authentication : 05/03/2023 12:36:55

HAEMATOLOGY

Test Name	Value	Unit	Biological Ref Interval
HAEMOGARAM			
HAEMOGLOBIN (Hb)	11.5 L	g/dL	12.0 - 15.0
TOTAL LEUCOCYTE COUNT	6.20	/cumm	4.00 - 10.00
DIFFERENTIAL LEUCOCYTE COUNT			
NEUTROPHIL	53.3	%	40.0 - 80.0
LYMPHOCYTE	41.9 H	%	20.0 - 40.0
EOSINOPHIL	1.8	%	1.0 - 6.0
MONOCYTE	2.8	%	2.0 - 10.0
BASOPHIL	0.2	%	0.0 - 2.0
NEUT#	3.31	10 ³ /uL	1.50 - 7.00
LYMPH#	2.60	10 ³ /uL	1.00 - 3.70
EO#	0.11	10 ³ /uL	0.00 - 0.40
MONO#	0.17	10 ³ /uL	0.00 - 0.70
BASO#	0.01	10 ³ /uL	0.00 - 0.10
TOTAL RED BLOOD CELL COUNT (RBC)	4.17	x10 ⁶ /uL	3.80 - 4.80
HEMATOCRIT (HCT)	34.40 L	%	36.00 - 46.00
MEAN CORP VOLUME (MCV)	82.5 L	fL	83.0 - 101.0
MEAN CORP HB (MCH)	27.5	pg	27.0 - 32.0
MEAN CORP HB CONC (MCHC)	33.4	g/dL	31.5 - 34.5
PLATELET COUNT	246	x10 ³ /uL	150 - 410
RDW-CV	14.0	%	11.6 - 14.0
MENTZER INDEX	19.78		

The Mentzer index is used to differentiate iron deficiency anemia from beta thalassemia trait. If a CBC indicates microcytic anemia, these are two of the most likely causes, making it necessary to distinguish between them.

If the quotient of the mean corpuscular volume divided by the red blood cell count is less than 13, thalassemia is more likely. If the result is greater than 13, then iron-deficiency anemia is more likely.

AJAYSINGH
Technologist

Page No: 2 of 13



Dr. Rashmi Bakshi
MBBS. MD (Path)
RMC No. 17975/008828

Date :- 05/03/2023 08:22:58

Patient ID :-122229820



NAME :- Mrs. SURBHI

Ref. By Dr:- BOB

Sex / Age :- Female 46 Yrs 3 Mon 25 Days

Lab/Hosp :-

Company :- MediWheel

Sample Type :- EDTA

Sample Collected Time 05/03/2023 08:34:09

Final Authentication : 05/03/2023 12:36:55

HAEMATOLOGY

Test Name	Value	Unit	Biological Ref Interval
-----------	-------	------	-------------------------

Erythrocyte Sedimentation Rate (ESR)	11	mm/hr.	00 - 20
---	----	--------	---------

(ESR) Methodology : Measurement of ESR by cells aggregation.

Instrument Name : Independent form Hematocrit value by Automated Analyzer (Roller-20)

Interpretation : ESR test is a non-specific indicator of inflammatory disease and abnormal protein states.

The test is used to detect, follow course of a certain disease (e.g-tuberculosis, rheumatic fever, myocardial infarction

Levels are higher in pregnancy due to hyperfibrinogenaemia.

The "3-figure ESR " $\times > 100$ value nearly always indicates serious disease such as a serious infection, malignant paraproteinaemia (CBC) Methodology: FLC,DLC Fluorescent Flow cytometry, HB SLS method,TRBC,PCV,PLT Hydrodynamically focused Impedance. and or connective tissue disease. MCH,MCV,MCHC,MENTZER INDEX are calculated. InstrumentName: Sysmex 6 part fully automatic analyzer XN-L,Japan

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Technologist

Page No: 3 of 13



Dr. Rashmi Bakshi
 MBBS, MD (Path)
 RMC No. 17975/008828



Date :- 05/03/2023 08:22:58

Patient ID :- 122229820



NAME :- Mrs. SURBHI

Ref. By Dr:- BOB

Sex / Age :- Female 46 Yrs 3 Mon 25 Days

Lab/Hosp :-

Company :- MediWHEEL

Sample Type :- PLAIN/SERUM

Sample Collected Time 05/03/2023 08:34:09

Final Authentication : 05/03/2023 11:29:24

BIOCHEMISTRY

Test Name	Value	Unit	Biological Ref Interval
LIPID PROFILE			
TOTAL CHOLESTEROL Method:- Enzymatic Endpoint Method	190.66	mg/dl	Desirable <200 Borderline 200-239 High > 240
TRIGLYCERIDES Method:- GPO-PAP	88.63	mg/dl	Normal <150 Borderline high 150-199 High 200-499 Very high >500
DIRECT HDL CHOLESTEROL Method:- Direct clearance Method	54.27	mg/dl	Low < 40 High > 60
DIRECT LDL CHOLESTEROL Method:- Direct clearance Method	121.62	mg/dl	Optimal <100 Near Optimal/above optimal 100-129 Borderline High 130-159 High 160-189 Very High > 190
VLDL CHOLESTEROL Method:- Calculated	17.73	mg/dl	0.00 - 80.00
T.CHOLESTEROL/HDL CHOLESTEROL RATIO Method:- Calculated	3.51		0.00 - 4.90
LDL / HDL CHOLESTEROL RATIO Method:- Calculated	2.24		0.00 - 3.50
TOTAL LIPID Method:- CALCULATED	538.87	mg/dl	400.00 - 1000.00
TOTAL CHOLESTEROL InstrumentName:Radox Rx Imola Interpretation: Cholesterol measurements are used in the diagnosis and treatments of lipid lipoprotein metabolism disorders.			
TRIGLYCERIDES InstrumentName:Radox Rx Imola Interpretation : Triglyceride measurements are used in the diagnosis and treatment of diseases involving lipid metabolism and various endocrine disorders e.g. diabetes mellitus, nephrosis and liver obstruction.			
DIRECT HDLCHOLESTERO InstrumentName:Radox Rx Imola Interpretation: An inverse relationship between HDL-cholesterol (HDL-C) levels in serum and the incidence/prevalence of coronary heart disease (CHD) has been demonstrated in a number of epidemiological studies. Accurate measurement of HDL-C is of vital importance when assessing patient risk from CHD. Direct measurement gives improved accuracy and reproducibility when compared to precipitation methods.			
DIRECT LDL-CHOLESTEROL InstrumentName:Radox Rx Imola Interpretation: Accurate measurement of LDL-Cholesterol is of vital importance in therapies which focus on lipid reduction to prevent atherosclerosis or reduce its progress and to avoid plaque rupture.			
TOTAL LIPID AND VLDL ARE CALCULATED			

SURENDRAKHANGA

Page No: 4 of 13



Dr. Chandrika Gupta
 MBBS.MD (Path)
 RMC NO. 21021/008037



Date :- 05/03/2023 08:22:58

Patient ID :- 122229820

NAME :- Mrs. SURBHI

Ref. By Dr:- BOB

Sex / Age :- Female 46 Yrs 3 Mon 25 Days

Lab/Hosp :-

Company :- MediWheel



Sample Type :- PLAIN/SERUM

Sample Collected Time 05/03/2023 08:34:09

Final Authentication : 05/03/2023 11:29:24

BIOCHEMISTRY

Test Name	Value	Unit	Biological Ref Interval
LIVER PROFILE WITH GGT			
SERUM BILIRUBIN (TOTAL) Method:- Colorimetric method	0.43	mg/dl	Up to - 1.0 Cord blood <2 Premature < 6 days <16 Full-term < 6 days= 12 1month - <12 months <2 1-19 years <1.5 Adult - Up to - 1.2 Ref-(ACCP 2020)
SERUM BILIRUBIN (DIRECT) Method:- Colorimetric Method	0.23	mg/dL	Adult - Up to 0.25 Newborn - <0.6 mg/dL >- 1 month - <0.2 mg/dL
SERUM BILIRUBIN (INDIRECT) Method:- Calculated	0.20	mg/dl	0.30-0.70
SGOT Method:- IFCC	19.3	U/L	Men- Up to - 37.0 Women - Up to - 31.0
SGPT Method:- IFCC	17.6	U/L	Men- Up to - 40.0 Women - Up to - 31.0
SERUM ALKALINE PHOSPHATASE Method:- AMP Buffer	57.50	IU/L	30.00 - 120.00
SERUM GAMMA GT Method:- IFCC	22.10	U/L	7.00 - 32.00
SERUM TOTAL PROTEIN Method:- Biuret Reagent	6.90	g/dl	6.40 - 8.30
SERUM ALBUMIN Method:- Bromocresol Green	4.44	g/dl	3.80 - 5.00
SERUM GLOBULIN Method:- CALCULATION	2.46	gm/dl	2.20 - 3.50
A/G RATIO	1.80		1.30 - 2.50

Total Bilirubin Methodology: Colorimetric method InstrumentName: Randox Rx Imola Interpretation: An increase in bilirubin concentration in the serum occurs in toxic or infectious diseases of the liver e.g. hepatitis B or obstruction of the bile duct and in rhesus incompatible babies. High levels of unconjugated bilirubin indicate that too much haemoglobin is being destroyed or that the liver is not actively treating the haemoglobin it is receiving.

AST Aspartate Aminotransferase Methodology: IFCC InstrumentName: Randox Rx Imola Interpretation: Elevated levels of AST can signal myocardial infarction, hepatic disease, muscular dystrophy and organ damage. Although heart muscle is found to have the most activity of the enzyme, significant activity has also been seen in the brain, liver, gastric mucosa, adipose tissue and kidneys of humans.

ALT Alanine Aminotransferase Methodology: IFCC InstrumentName: Randox Rx Imola Interpretation: The enzyme ALT has been found to be in highest concentrations in the liver, with decreasing concentrations found in kidney, heart, skeletal muscle, pancreas, spleen and lung tissue respectively. Elevated levels of the transaminases can indicate myocardial infarction, hepatic disease, muscular dystrophy and organ damage.

Alkaline Phosphatase Methodology: AMP Buffer InstrumentName: Randox Rx Imola Interpretation: Measurements of alkaline phosphatase are of use in the diagnosis, treatment and investigation of hepatobiliary disease and in bone disease associated with increased osteoblastic activity. Alkaline phosphatase is also used in the diagnosis of parathyroid and intestinal disease.

TOTAL PROTEIN Methodology: Biuret Reagent InstrumentName: Randox Rx Imola Interpretation: Measurements obtained by this method are used in the diagnosis and treatment of a variety of diseases involving the liver, kidney and bone marrow as well as other metabolic or nutritional disorders.

ALBUMIN (ALB) Methodology: Bromocresol Green InstrumentName: Randox Rx Imola Interpretation: Albumin measurements are used in the diagnosis and treatment of numerous diseases involving primarily the liver or kidneys. Globulin & A/G ratio is calculated.

Instrument Name Randox Rx Imola Interpretation: Elevations in GGT levels are seen earlier and more pronounced than those with other liver enzymes in cases of obstructive jaundice and metastatic neoplasms. It may reach 5 to 30 times normal levels in intra- or post-hepatic biliary obstruction. Only moderate elevations in the enzyme level (2 to 5 times normal)

SURENDRAKHANGA

Page No: 5 of 13



Dr. Chandrika Gupta
 MBBS.MD (Path)
 RMC NO. 21021/008037

Date :- 05/03/2023 08:22:58

Patient ID :- 122229820

NAME :- Mrs. SURBHI

Ref. By Dr:- BOB

Sex / Age :- Female 46 Yrs 3 Mon 25 Days

Lab/Hosp :-

Company :- MediWheel



Sample Type :- PLAIN/SERUM

Sample.Collected Time 05/03/2023 08:34:09

Final Authentication : 05/03/2023 12:20:55

IMMUNOASSAY

Test Name	Value	Unit	Biological Ref Interval
TOTAL THYROID PROFILE			
SERUM TOTAL T3 Method:- Chemiluminescence(Competitive immunoassay)	1.020	ng/ml	0.970 - 1.690
SERUM TOTAL T4 Method:- Chemiluminescence(Competitive immunoassay)	7.100	ug/dl	5.500 - 11.000
SERUM TSH ULTRA Method:- Enhanced Chemiluminescence Immunoassay	9.450 H	μIU/mL	0.500 - 6.880

Interpretation: Triiodothyronine (T3) contributes to the maintenance of the euthyroid state. A decrease in T3 concentration of up to 50% occurs in a variety of clinical situations, including acute and chronic disease. Although T3 results alone cannot be used to diagnose hypothyroidism, T3 concentration may be more sensitive than thyroxine (T4) for hyperthyroidism. Consequently, the total T3 assay can be used in conjunction with other assays to aid in the differential diagnosis of thyroid disease. T3 concentrations may be altered in some conditions, such as pregnancy, that affect the capacity of the thyroid hormone-binding proteins. Under such conditions, Free T3 can provide the best estimate of the metabolically active hormone concentration. Alternatively, T3 uptake, or T4 uptake can be used with the total T3 result to calculate the free T3 index and estimate the concentration of free T3.

Interpretation: The measurement of Total T4 aids in the differential diagnosis of thyroid disease. While >99.9% of T4 is protein-bound, primarily to thyroxine-binding globulin (TBG), it is the free fraction that is biologically active. In most patients, the total T4 concentration is a good indicator of thyroid status. T4 concentrations may be altered in some conditions, such as pregnancy, that affect the capacity of the thyroid hormone-binding proteins. Under such conditions, free T4 can provide the best estimate of the metabolically active hormone concentration. Alternatively, T3 uptake may be used with the total T4 result to calculate the free T4 index (FT4I) and estimate the concentration of free T4. Some drugs and some nonthyroidal patient conditions are known to alter TT4 concentrations in vivo.

Interpretation: TSH stimulates the production of thyroxine (T4) and triiodothyronine (T3) by the thyroid gland. The diagnosis of overt hypothyroidism by the finding of a low total T4 or free T4 concentration is readily confirmed by a raised TSH concentration. Measurement of low or undetectable TSH concentrations may assist the diagnosis of hyperthyroidism, where concentrations of T4 and T3 are elevated and TSH secretion is suppressed. These have the advantage of discriminating between the concentrations of TSH observed in thyrotoxicosis, compared with the low, but detectable, concentrations that occur in subclinical hyperthyroidism. The performance of this assay has not been established for neonatal specimens. Some drugs and some nonthyroidal patient conditions are known to alter TSH concentrations in vivo.

INTERPRETATION

PREGNANCY	REFERENCE RANGE FOR TSH IN uIU/mL (As per American Thyroid Association)
1st Trimester	0.10-2.50
2nd Trimester	0.20-3.00
3rd Trimester	0.30-3.00

KAUSHAL
Technologist

Page No: 6 of 13



Dr. Rashmi Bakshi
 MBBS. MD (Path)
 RMC No. 17975/008828



Date :- 05/03/2023 08:22:58
NAME :- Mrs. SURBHI
Sex / Age :- Female 46 Yrs 3 Mon 25 Days
Company :- MediWHEEL

Patient ID :- 122229820
Ref. By Dr:- BOB
Lab/Hosp :-



Sample Type :- URINE

Sample Collected Time 05/03/2023 08:34:09

Final Authentication : 05/03/2023 10:49:16

CLINICAL PATHOLOGY

Test Name	Value	Unit	Biological Ref Interval
Urine Routine			
<u>PHYSICAL EXAMINATION</u>			
COLOUR	PALE YELLOW		PALE YELLOW
APPEARANCE	Clear		Clear
<u>CHEMICAL EXAMINATION</u>			
REACTION(PH) Method:- Reagent Strip(Double indicator blue reaction)	5.5		5.0 - 7.5
SPECIFIC GRAVITY Method:- Reagent Strip(bromthymol blue)	1.025		1.010 - 1.030
PROTEIN Method:- Reagent Strip (Sulphosalicylic acid test)	NIL		NIL
GLUCOSE Method:- Reagent Strip (Glu.Oxidase Peroxidase Benedict)	NIL		NIL
BILIRUBIN Method:- Reagent Strip (Azo-coupling reaction)	NEGATIVE		NEGATIVE
UROBILINOGEN Method:- Reagent Strip (Modified ehrlich reaction)	NORMAL		NORMAL
KETONES Method:- Reagent Strip (Sodium Nitropruside) Rothera's	NEGATIVE		NEGATIVE
NITRITE Method:- Reagent Strip (Diazotization reaction)	NEGATIVE		NEGATIVE
RBC Method:- Reagent Strip (Peroxidase like activity)	NIL		NIL
<u>MICROSCOPY EXAMINATION</u>			
RBC/HPF	NIL	/HPF	NIL
WBC/HPF	2-3	/HPF	2-3
EPITHELIAL CELLS	2-3	/HPF	2-3
CRYSTALS/HPF	ABSENT		ABSENT
CAST/HPF	ABSENT		ABSENT
AMORPHOUS SEDIMENT	ABSENT		ABSENT
BACTERIAL FLORA	ABSENT		ABSENT
YEAST CELL	ABSENT		ABSENT
OTHER	ABSENT		ABSENT

VIJENDRAMEENA
Technologist

Page No: 7 of 13



Dr. Chandrika Gupta
MBBS.MD (Path)
RMC NO. 21021/008037

Date :- 05/03/2023 08:22:58

Patient ID :-122229820



NAME :- Mrs. SURBHI

Ref. By Dr:- BOB

Sex / Age :- Female 46 Yrs 3 Mon 25 Days

Lab/Hosp :-

Company :- MediWheel

Sample Type :- STOOL

Sample Collected Time 05/03/2023 08:34:09

Final Authentication : 05/03/2023 10:49:16

CLINICAL PATHOLOGY

Test Name	Value	Unit	Biological Ref Interval
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STOOL ANALYSIS

PHYSICAL EXAMINATION

MUCUS

BLOOD

MICROSCOPIC EXAMINATION

RBC's

/HPF

WBC/HPF

/HPF

OVA

CYSTS

OTHERS

Collected Sample Received

VIJENDRAMEENA
Technologist

Page No: 8 of 13



Dr. Chandrika Gupta
MBBS.MD (Path)
RMC NO. 21021/008037

Date :- 05/03/2023 08:22:58
NAME :- Mrs. SURBHI
Sex / Age :- Female 46 Yrs 3 Mon 25 Days
Company :- MediWheel

Patient ID :-122229820
Ref. By Dr:- BOB
Lab/Hosp :-



Sample Type :- KOx/Na FLUORIDE-F, KOx/Na Sulfate-BLANK INHIBITORS/2023 08:34:09

Final Authentication : 05/03/2023 12:32:23

BIOCHEMISTRY

Test Name	Value	Unit	Biological Ref Interval
-----------	-------	------	-------------------------

FASTING BLOOD SUGAR (Plasma)
Method:- GOD PAP

94.5

mg/dl

75.0 - 115.0

Impaired glucose tolerance (IGT)
Diabetes Mellitus (DM)

111 - 125 mg/dL
> 126 mg/dL

Instrument Name: Randox Rx Imola **Interpretation:** Elevated glucose levels (hyperglycemia) may occur with diabetes, pancreatic neoplasm, hyperthyroidism and adrenal cortical hyper-function as well as other disorders. Decreased glucose levels (hypoglycemia) may result from excessive insulin therapy or various liver diseases .

BLOOD SUGAR PP (Plasma)
Method:- GOD PAP

99.2

mg/dl

70.0 - 140.0

Instrument Name: Randox Rx Imola **Interpretation:** Elevated glucose levels (hyperglycemia) may occur with diabetes, pancreatic neoplasm, hyperthyroidism and adrenal cortical hyper-function as well as other disorders. Decreased glucose levels (hypoglycemia) may result from excessive insulin therapy or various liver diseases .

SERUM CREATININE
Method:- Colorimetric Method

0.90

mg/dl

Men - 0.6-1.30
Women - 0.5-1.20

SERUM URIC ACID
Method:- Enzymatic colorimetric

6.55 H

mg/dl

Men - 3.4-7.0
Women - 2.4-5.7

SURENDRAKHANGA

Page No: 9 of 13



Dr. Chandrika Gupta
MBBS.MD (Path)
RMC NO. 21021/008037

Dr. Goyal's

Path Lab & Imaging Centre

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Website : www.drgoyalspathlab.com | E-mail : drgoyalpiyush@gmail.com

Date :- 05/03/2023 08:22:58
NAME :- Mrs. SURBHI
Sex / Age :- Female 46 Yrs 3 Mon 25 Days
Company :- MediWheel

Patient ID :- 122229820
Ref. By Dr:- BOB
Lab/Hosp :-



HAEMATOLOGY

Test Name	Value	Unit	Biological Ref Interval
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AJAYSINGH, BILAL, KAUSHAL, SITAGURJAR, SURENDRAKHANGA, VIJENDRAMEENA



Date :- 05/03/2023 08:22:58

Patient ID :-122229820



NAME :- Mrs. SURBHI

Ref. By Dr:- BOB

Sex / Age :- Female 46 Yrs 3 Mon 25 Days

Lab/Hosp :-

Company :- MediWheel

Sample Type :- EDTA, URINE

Sample Collected Time 05/03/2023 08:34:09

Final Authentication : 05/03/2023 12:36:55

HAEMATOLOGY

Test Name	Value	Unit	Biological Ref Interval
BLOOD GROUP ABO	"B" POSITIVE		
BLOOD GROUP ABO Methodology : Haemagglutination reaction Kit Name : Monoclonal agglutinating antibodies (Span clone).			
URINE SUGAR (FASTING) Collected Sample Received	Nil		Nil

AJAYSINGH, VIJENDRAMEENA
Technologist

Page No: 11 of 13



Dr. Rashmi Bakshi
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Date :- 05/03/2023 08:22:58

Patient ID :-122229820

NAME :- Mrs. SURBHI

Ref. By Dr:- BOB

Sex / Age :- Female 46 Yrs 3 Mon 25 Days

Lab/Hosp :-

Company :- MediWheel



Sample Type :- PLAIN/SERUM

Sample Collected Time 05/03/2023 08:34:09

Final Authentication : 05/03/2023 11:29:24

BIOCHEMISTRY

Test Name	Value	Unit	Biological Ref Interval
BLOOD UREA NITROGEN (BUN)	10.2	mg/dl	0.0 - 23.0

SURENDRAKHANGA

Page No: 12 of 13



Dr. Chandrika Gupta
MBBS.MD (Path)
RMC NO. 21021/008037

Date :- 05/03/2023 08:22:58

Patient ID :-122229820



NAME :- Mrs. SURBHI

Ref. By Dr:- BOB

Sex / Age :- Female 46 Yrs 3 Mon 25 Days

Lab/Hosp :-

Company :- MediWheel

Sample Type :- SWAB

Sample Collected Time 05/03/2023 08:34:09

Final Authentication : 05/03/2023 13:58:34

PAP SMEAR

PAP SMEAR FOR CYTOLOGY EXAMINATION

Microscopic & diagnosis,

Smears show predominantly superficial & intermediate squamous epithelial cells along with few parabasal cells in the background of mild acute inflammation & bacterial flora. Clue cells also seen.

IMPRESSION : Bacterial Vaginosis.

Adv: Clinical correlation.

Note: Please note papanicolaou smear study is a screening procedure for cervical cancer with inherent false negative result, hence should be interpreted with caution.

Slides will be kept for one month only.

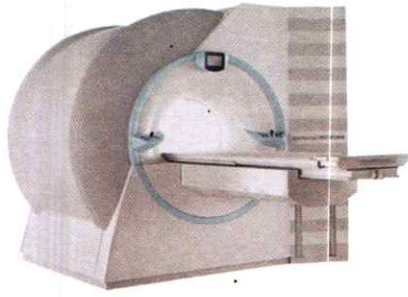
*** End of Report ***

SITAGURJAR
Technologist

Page No: 13 of 13



Dr. Chandrika Gupta
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NAME:	SURBHI	AGE	46 YRS
REF.BY	DR. BOB	DATE	05/03/2023

CHEST X RAY (PA VIEW)

Both lung fields appear clear.

Both costo-phrenic angles appear clear.

Cardiothoracic ratio is normal.

Both domes of diaphragm appear normal.

Thoracic soft tissue and skeletal system appear unremarkable.

IMPRESSION:

- No significant abnormality is noted

DR. AMAN MAMODIA

DMRD, DNB (Radio-diagnosis)

Consultant Radiologist

"Disclaimer : This report is provisional and needs medical history, it may be completely altered after receipt of the prior medical history of the patient"

Dr. Piyush Goyal
M.B.B.S., D.M.R.D.
RMC Reg No. 017996

Dr. Poonam Gupta
MBBS, MD (Radio Diagnosis)
RMC No. 32495

Dr. Ashish Choudhary
MBBS, MD (Radio Diagnosis)
Fetal Medicine Consultant
FMF ID - 260517 | RMC No 22430

Dr. Abhishek Jain
MBBS, DNB, (Radio-Diagnosis)
RMC No. 21687

Transcript by.



Date :- 05/03/2023 08:22:58
NAME :- Mrs. SURBHI
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Final Authentication : 05/03/2023 12:36:33

BOB PACKAGEFEMALE ABOVE 40

ULTRA SOUND SCAN OF ABDOMEN

Liver is of normal size. Echo-texture is normal. No focal space occupying lesion is seen within liver parenchyma. Intra hepatic biliary channels are not dilated. Portal vein diameter is normal.

Gall bladder is of normal size. Wall is not thickened. No calculus or mass lesion is seen in gall bladder. Common bile duct is not dilated.

Pancreas is of normal size and contour. Echo-pattern is normal. No focal lesion is seen within pancreas.

Spleen is of normal size and shape. Echotexture is normal. No focal lesion is seen.

Kidneys are normally sited and are of normal size and shape. Cortico-medullary echoes are normal. No focal lesion is seen. Collecting system does not show any dilatation or calculus.

Urinary Bladder: is well distended and showing smooth wall with normal thickness. Urinary bladder does not show any calculus or mass lesion.

Uterus is anteverted and bulky in size and measures 97 x 39 x46 mm.

Myometrium shows normal echo - pattern. No focal space occupying lesion is seen. Endometrial echo is normal. Endometrial thickness is 7.7 mm.

Both ovaries are visualised and are normal. No adnexal mass is seen. No enlarged nodes are visualised. No retro-peritoneal lesion is identified. No significant free fluid is seen in pouch of douglas.

IMPRESSION:

* **Bulky uterus.**

Needs clinical correlation & further evaluation



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ULTRASONOGRAPHY REPORT : BREAST AND AXILLA

Right breast:

Skin , subcutaneous tissue and retroareolar region is normal
Fibro glandular tissue shows normal architecture and echotexture.
Pre and retro-mammary regions are unremarkable .
No obvious cyst, mass or architectural distortion visulised.
Axillary lymph nodes are not significantly enlarged and their hilar shadows are preserved.

Left breast:

Skin , subcutaneous tissue and retroareolar region is normal
Fibro glandular tissue shows normal architecture and echotexture.
Pre and retro mammary regions are unremarkable .
No obvious cyst, mass or architectural distortion visulised.
Axillary lymph nodes are not significantly enlarged and their hilar shadows are preserved.

IMPRESSION : No abnormality detected.

*** End of Report ***