

Dr. Goyal's

Path Lab & Imaging Centre

B-51, Ganesh Nagar, Opp. Janpath Corner, New Sanganer Road, Jaipur-302019
Tele: 0141-2293346, 4049787, 9887049787
Website: www.drgoyalspathlab.com | E-mail: drgoyalpiyush@gmail.com



Date :- 07/09/2021 08:46:51
NAME :- Mr. PRATEEK GOYAL
Sex / Age :- Male 25 Yrs
Company :- MediWheel

Patient ID :- 12212108
Ref. By Dr:- BOB
Lab/Hosp :-

Sample Type :- EDTA

Sample Collected Time 07/09/2021 08:59:23

Final Authentication : 07/09/2021 13:03:51

HAEMATOLOGY

Test Name	Value	Unit	Biological Ref Interval
HAEMOGARAM			
HAEMOGLOBIN (Hb)	14.9	g/dL	13.0 - 17.0
TOTAL LEUCOCYTE COUNT	8.44	/cumm	4.00 - 10.00
DIFFERENTIAL LEUCOCYTE COUNT			
NEUTROPHIL	54.4	%	40.0 - 80.0
LYMPHOCYTE	34.0	%	20.0 - 40.0
EOSINOPHIL	3.8	%	1.0 - 6.0
MONOCYTE	7.5	%	2.0 - 10.0
BASOPHIL	0.3	%	0.0 - 2.0
NEUT#	4.60	10 ³ /uL	1.50 - 7.00
LYMPH#	2.86	10 ³ /uL	1.00 - 3.70
EO#	0.32	10 ³ /uL	0.00 - 0.40
MONO#	0.63	10 ³ /uL	0.00 - 0.70
BASO#	0.03	10 ³ /uL	0.00 - 0.10
TOTAL RED BLOOD CELL COUNT (RBC)	5.39	x10 ⁶ /uL	4.50 - 5.50
HEMATOCRIT (HCT)	44.80	%	40.00 - 50.00
MEAN CORP VOLUME (MCV)	83.0	fL	83.0 - 101.0
MEAN CORP HB (MCH)	27.7	pg	27.0 - 32.0
MEAN CORP HB CONC (MCHC)	33.3	g/dL	31.5 - 34.5
PLATELET COUNT	317	x10 ³ /uL	150 - 410
RDW-CV	13.2	%	11.6 - 14.0
MENTZER INDEX	15.40		

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.

Technologist

BANWARI

Page No: 2 of 16

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

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HAEMATOLOGY

Test Name	Value	Unit	Biological Ref Interval
Erythrocyte Sedimentation Rate (ESR)	15 H	mm/hr.	00 - 13

(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

MCH, MCV, MCHC, MENTZER INDEX are calculated Instrument Name: Sysmex 6 part fully automatic analyzer XN-L, Japan

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Page No: 3 of 16

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HAEMATOLOGY

Test Name	Value	Unit	Biological Ref Interval
BOB PACKAGE MALE			
GLYCOSYLATED HEMOGLOBIN (HbA1C) Method:- HPLC	5.5	%	Non-diabetic: < 5.7 Pre-diabetics: 5.7-6.4 Diabetics: = 6.5 or higher ADA Target: 7.0 Action suggested: > 6.5

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 glycated 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 Method:- Calculated Parameter	108	mg/dL	Non Diabetic < 100 mg/dL Prediabetic 100- 125 mg/dL Diabetic 126 mg/dL or Higher
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Sample Type :- EDTA, PLAIN/SERUM, URINE, SIFIMC-28 Collected Time 07/09/2021 08:59:23

Final Authentication : 07/09/2021 14:12:58

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
URINE SUGAR PP Collected Sample Received	Nil		Nil
BLOOD UREA NITROGEN (BUN)	11.6	mg/dl	0.0 - 23.0

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AJAYSINGH, BANWARI, SURENDRAKHANGA

Page No: 15 of 16

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Sample Type :- KOx/Na FLUORIDE-F, KOx/Na 5hupR1061PPE17M/5EBS/2021 11:53:37 Final Authentication :- 07/09/2021 12:53:18

BIOCHEMISTRY

Test Name	Value	Unit	Biological Ref Interval
FASTING BLOOD SUGAR (Plasma) Method:- GOD PAP	101.7	mg/dl	75.0 - 115.0
Impaired glucose tolerance (IGT)	111 - 125 mg/dL		
Diabetes Mellitus (DM)	> 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) 104.3 mg/dl 70.0 - 140.0
 Method:- GOD PAP

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 1.29 mg/dl Men - 0.6-1.30
 Method:- Colorimetric Method Women - 0.5-1.20
 SERUM URIC ACID 6.31 mg/dl Men - 3.4-7.0
 Method:- Enzymatic colorimetric Women - 2.4-5.7

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SURENDRAKHANGA

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BIOCHEMISTRY

Test Name	Value	Unit	Biological Ref Interval
LIPID PROFILE			
TOTAL CHOLESTEROL Method:- Enzymatic Endpoint Method	185.45	mg/dl	Desirable <200 Borderline 200-239 High > 240
TRIGLYCERIDES Method:- GPO-PAP	155.71 H	mg/dl	Normal <150 Borderline high 150-199 High 200-499
VLDL CHOLESTEROL Method:- Calculated	31.14	mg/dl	Very high >500 0.00 - 80.00

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BIOCHEMISTRY

Test Name	Value	Unit	Biological Ref Interval
DIRECT HDL CHOLESTEROL Method:- Direct clearance Method	43.91	mg/dl	Low < 40 High > 60
DIRECT LDL CHOLESTEROL Method:- Direct clearance Method	115.59	mg/dl	Optimal <100 Near Optimal/above optimal 100-129 Borderline High 130-159 High 160-189 Very High > 190
T.CHOLESTEROL/HDL CHOLESTEROL RATIO Method:- Calculated	4.22		0.00 - 4.90
LDL / HDL CHOLESTEROL RATIO Method:- Calculated	2.63		0.00 - 3.50
TOTAL LIPID Method:- CALCULATED	594.13	mg/dl	400.00 - 1000.00
<p>TOTAL CHOLESTEROL InstrumentName:Randox Rx Imola Interpretation: Cholesterol measurements are used in the diagnosis and treatment of lipid/lipoprotein metabolism disorders.</p> <p>TRIGLYCERIDES InstrumentName:Randox 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.</p> <p>DIRECT HDL CHOLESTEROL InstrumentName:Randox 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.</p> <p>DIRECT LDL CHOLESTEROL InstrumentName:Randox 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.</p> <p>TOTAL LIPID AND VLDL ARE CALCULATED</p>			

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Page No: 5 of 16

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BIOCHEMISTRY

Test Name	Value	Unit	Biological Ref Interval
LIVER PROFILE WITH GGT			
SERUM BILIRUBIN (TOTAL) Method:- Colorimetric method	0.82	mg/dl	Up to - 1.0 Cord blood <2 mg/dL Premature < 6 days <16mg/dL Full-term < 6 days= 12 mg/dL 1month - <12 months <2 mg/dL 1-19 years <1.5 mg/dL Adult - Up to - 1.2 Ref-(ACCP 2020)
SGOT Method:- IFCC	28.3	U/L	Men- Up to - 37.0 Women - Up to - 31.0
SGPT Method:- IFCC	59.3 H	U/L	Men- Up to - 40.0 Women - Up to - 31.0
SERUM ALKALINE PHOSPHATASE Method:- AMP Buffer	97.40	IU/L	30.00 - 120.00
SERUM TOTAL PROTEIN Method:- Biuret Reagent	7.48	g/dl	6.40 - 8.30
SERUM ALBUMIN Method:- Bromocresol Green	4.87	g/dl	3.80 - 5.00
SERUM GLOBULIN Method:- CALCULATION	2.61	gm/dl	2.20 - 3.50
A/G RATIO	1.87		1.30 - 2.50

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BIOCHEMISTRY

Test Name	Value	Unit	Biological Ref Interval
SERUM BILIRUBIN (DIRECT) Method:- Colorimetric Method	0.26	mg/dL	Adult - Up to 0.25 Newborn - <0.6 mg/dL >- 1 month - <0.2 mg/dL
SERUM BILIRUBIN (INDIRECT) Method:- Calculated	0.56	mg/dl	0.30-0.70
SERUM GAMMA GT Method:- IFCC	35.10	U/L	11.00 - 50.00

Total Bilirubin Methodology: Colorimetric method Instrument Name: 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 these 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 (i.e.) receiving.

AST Aspartate Aminotransferase Methodology: IFCC Instrument Name: 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 Instrument Name: 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 Instrument Name: 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: Biorad Reagent Instrument Name: 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: Biorad Green Instrument Name: 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 3 times normal) are observed with infectious hepatitis.

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Page No: 7 of 16

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IMMUNOASSAY

Test Name	Value	Unit	Biological Ref Interval
TOTAL THYROID PROFILE			
SERUM TSH Method:- Enhanced Chemiluminescence Immunoassay	6.100 H	μIU/mL	0.465 - 4.680

Technologist

ANANDSHARMA

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IMMUNOASSAY

Test Name	Value	Unit	Biological Ref Interval
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SERUM TOTAL T3

1.260

ng/ml

0.970 - 1.690

Method:- Chemiluminescence(Competitive immunoassay)

SERUM TOTAL T4

8.220

ug/dl

5.530 - 11.000

Method:- Chemiluminescence(Competitive immunoassay)

InstrumentName VITROS ECI **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.

InstrumentName VITROS ECI **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 T4 concentrations in vivo.

InstrumentName VITROS ECI **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

Technologist

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Page No: 9 of 16

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IMMUNOASSAY

Test Name	Value	Unit	Biological Ref Interval
TOTAL PSA	0.333	ng/ml	0.000 - 4.000

Method:- Chemiluminescence

InstrumentName: VITROS ECI Interpretation: Elevated serum PSA concentrations are found in men with prostate cancer, benign prostatic hypertrophy (BHP) or inflammatory conditions of other adjacent genitourinary tissues, but not in apparently healthy men or in men with cancers other than prostate cancer. PSA has been demonstrated to be an accurate marker for monitoring advancing clinical-stage in untreated patients and for monitoring response to therapy by radical prostatectomy, radiation therapy and anti-androgen therapy. PSA is also important in determining the potential and actual effectiveness of surgery or other therapies. Progressive disease is defined by an increase of at least 25%. Sampling should be repeated within two to four weeks for additional evidence. Different assay methods cannot be used interchangeably.

*** End of Report ***

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CLINICAL PATHOLOGY

Test Name	Value	Unit	Biological Ref Interval
<u>PHYSICAL EXAMINATION</u>			
COLOUR	PALE YELLOW		PALE YELLOW
APPEARANCE	Clear		Clear
<u>CHEMICAL EXAMINATION</u>			
REACTION(PH)	5.5		5.0 - 7.5
SPECIFIC GRAVITY	1.020		1.010 - 1.030
PROTEIN	NIL		NIL
SUGAR	NIL		NIL
BILIRUBIN	NEGATIVE		NEGATIVE
UROBILINOGEN	NORMAL		NORMAL
KETONES	NEGATIVE		NEGATIVE
NITRITE	NEGATIVE		NEGATIVE

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MC - 2300



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Ref. By Dr:- BOB
Lab/Hosp :-

Sample Type :- URINE

Sample Collected Time 07/09/2021 08:59:23

Final Authentication : 07/09/2021 14:12:58

CLINICAL PATHOLOGY

Test Name	Value	Unit	Biological Ref Interval
Urine Routine			
<u>MICROSCOPY EXAMINATION</u>			
RBC/HPF	NIL	/HPF	NIL
WBC/HPF	2-3	/HPF	2-3
EPITHELIAL CELLS	1-2	/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

Technologist

AJAYSINGH

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

Dr. Goyal's

Path Lab & Imaging Centre

B-51, Ganesh Nagar, Opp. Janpath Corner, New Sanganer Road, Jaipur-302019
Tele: 0141-2293346, 4049787, 9887049787
Website: www.drgoyalspathlab.com | E-mail: drgoyalpiyush@gmail.com



Date :- 07/09/2021 08:46:51
NAME :- Mr. PRATEEK GOYAL
Sex / Age :- Male 25 Yrs
Company :- MediWheel

Patient ID :- 12212108
Ref. By Dr:- BOB
Lab/Hosp :-

Sample Type :- STOOL

Sample Collected Time 07/09/2021 08:59:23

Final Authentication : 07/09/2021 14:12:58

CLINICAL PATHOLOGY

Test Name	Value	Unit	Biological Ref Interval
STOOL ANALYSIS			
PHYSICAL EXAMINATION			
COLOUR	BROWN		
CONSISTENCY	SEMI SOLID		
MUCUS	ABSENT		
BLOOD	ABSENT		
MICROSCOPIC EXAMINATION			
RBC's	NIL	/HPF	
WBC/HPF	0 - 1	/HPF	
MACROPHAGES	ABSENT		
OVA	ABSENT		
CYSTS	ABSENT		
TROPHOZOITES	ABSENT		
CHARCOT LEYDEN CRYSTALS	ABSENT		
OTHERS	NORMAL BACTERIA FLORA PRESENT		
Collected Sample Received			

Technologist

AJAYSINGH

Page No: 12 of 16

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

Dr. Goyal's

HEALTHCARE PVT. LTD.

B-51, Ganesh Nagar, Opp. Janpath Corner, New Sangner Road, Jaipur
Tele: 0141-2293346, 4049787, 9887443311, 9887049787
Website: www.drgoyalpathlab.com | E-mail: drgoyalpiyush@gmail.com



Date :- 07/09/2021 08:46:51
NAME :- Mr. PRATEEK GOYAL
Sex / Age :- Male 25 Yrs
Company :- MediWheel

Patient ID :-12212108
Ref. By Doctor:-BOB
Lab/Hosp :-

Final Authentication : 07/09/2021 12:53:35

BOB PACKAGE MALE

X RAY CHEST PA VIEW:

Expiratory film.

Both lung fields appears clear.

Bronchovascular markings appear normal.

Trachea is in midline.

Both the hilar shadows are normal.

Both the C.P.angles is clear.

Both the domes of diaphragm are normally placed.

Bony cage and soft tissue shadows are normal.

Impression :- Normal Study

(Please correlate clinically and with relevant further investigations)

DR. UMA MATHURIA
MD RADIO DIAGNOSIS
RMC NO. 22541

Page No: 1 of 1

*** End of Report ***

Dr. Piyush Goyal
(D.M.R.D.) BILAL

Dr. Piyush Goyal
MBBS, DMRD

Dr. Poonam Gupta
MD (Radiologist)

Dr. Ankita Gupta
MD, DNB. (Radio Diagnosis)

Dr. Parul Gupta Modi
MD, DNB. (Radiologist)

Dr. Aman Mamodia
MBBS, DMRD, DNB. (Radio Diagnosis)

Dr. Goyal's

PATH LAB & IMAGING CENTRE

B-51, Ganesh Nagar, Opp. Janpath Corner, New Sanganer Road, Jaipur-302019

Tele: 0141-2293346, 4049787, 9887049787

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



Date :- 07/09/2021 08:46:51
NAME :- Mr. PRATEEK GOYAL
Sex / Age :- Male 25 Yrs
Company :- MediWheel

Patient ID :- 12212108
Ref. By Doctor:-BOB
Lab/Hosp :-

Final Authentication : 07/09/2021 13:39:44

BOB PACKAGE MALE

USG WHOLE ABDOMEN

Liver is of normal size. **Echo-texture is bright.** 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. **Multiple (4-5) calculi seen in GB lumen , measuring 3-4 mm .** CBD is not dilated (diameter 3.2mm).

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.
Left kidney - 98x47mm Right kidney - 75x40mm

Urinary bladder is well distended and showing smooth wall with normal thickness. Urinary bladder does not show any calculus or mass lesion. **Internal echoes seen in UB.**

Prostate is normal in size (**13.6 gms** l) with normal echo-texture and outline.

No enlarged nodes are visualised. No retro-peritoneal lesion is identified
Great vessels appear normal. No significant free fluid is seen in peritoneal cavity.

IMPRESSION:

- *Cholelithiasis .
 - *Fatty liver grade I
 - *Internal echoes in UB-?Cystitis
- Needs clinical correlation for further evaluation

*** End of Report ***


DR. UMA MATHURIA
M.B.B.S., M.D.
RMC REG. No. 22541
BTAL

Page No: 1 of 1

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

Dr. Poonam Gupta
M.B.B.S., M.D. (Radio-Diagnosis)
RMC Reg No. 32495

Dr. Aman Mamodia
M.B.B.S., D.M.R.D., DNB (Radio Diagnosis)
RMC Reg No. 32618

Dr. Ankita Gupta
M.D., D.N.B. (Radio-Diagnosis)
RMC Reg No. 32635

Dr. Hitesh Kumar Sharma
M.B.B.S., D.M.R.D.
RMC Reg No. 27380

Transcript by:

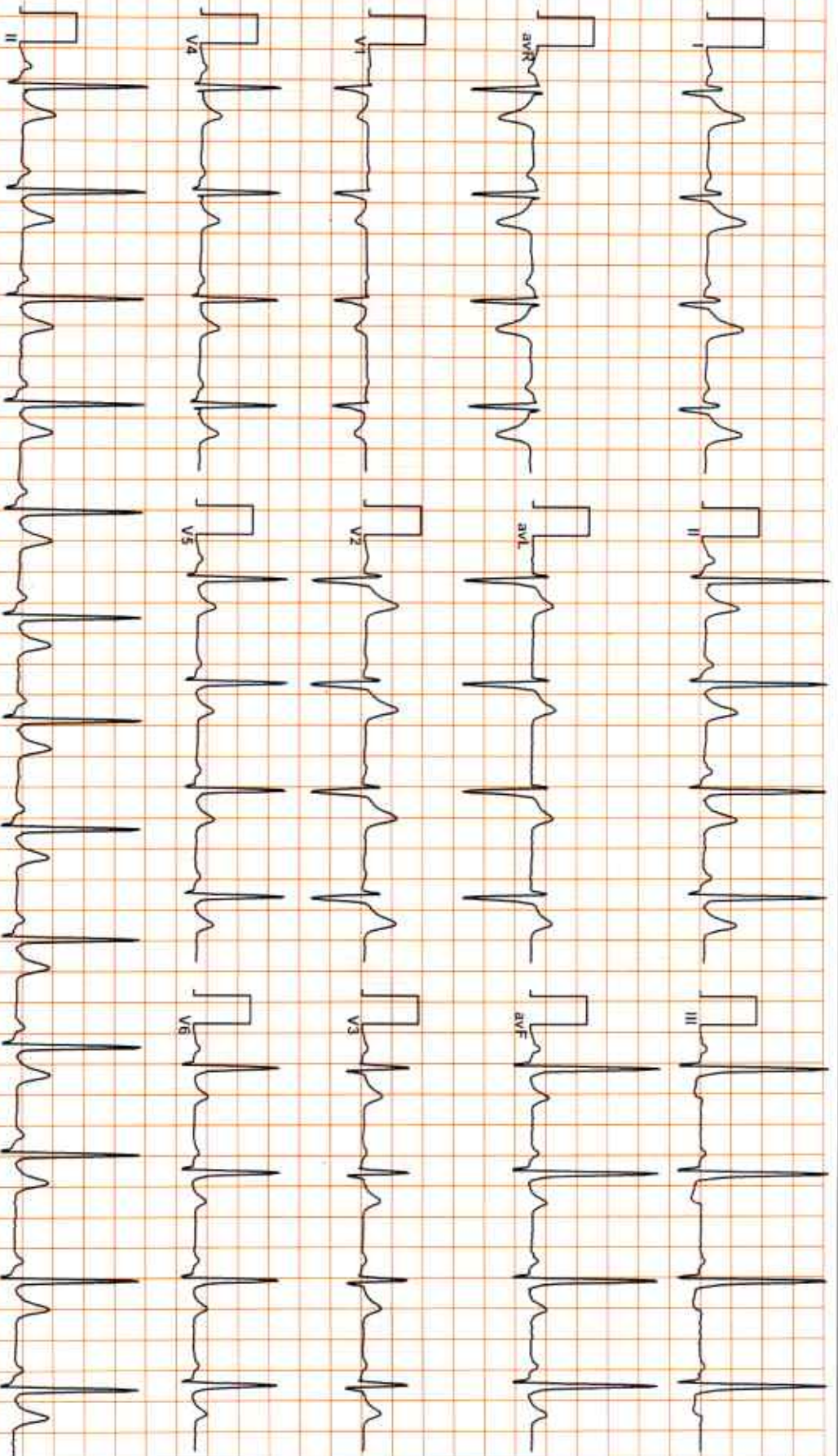


DR. GOYALS PATH & IMAGING CENTER

ECG

8651 / MR. PRATEEK GOYAL / 25 Yrs / M/ Non Smoker
Heart Rate : 78 bpm / / Reid By: BANK OF BARODA / Tested On : 07-Sep-21 12:46:42 / HF 0.05 Hz - LF 100 Hz / Notch 50 Hz / Sn 1.00 Cm/mV / Sw 25 mm/s

09-23
12:47
ACAPL



Atiengens ECG (Pisces)(PIS212160118)

TNTNT



1271 / MR. PRATEEK GOYAL / 25 Yrs / M / 0 Cms / 0 Kg Date: 07-Sep-2021 Refd By : BANK OF BARODA

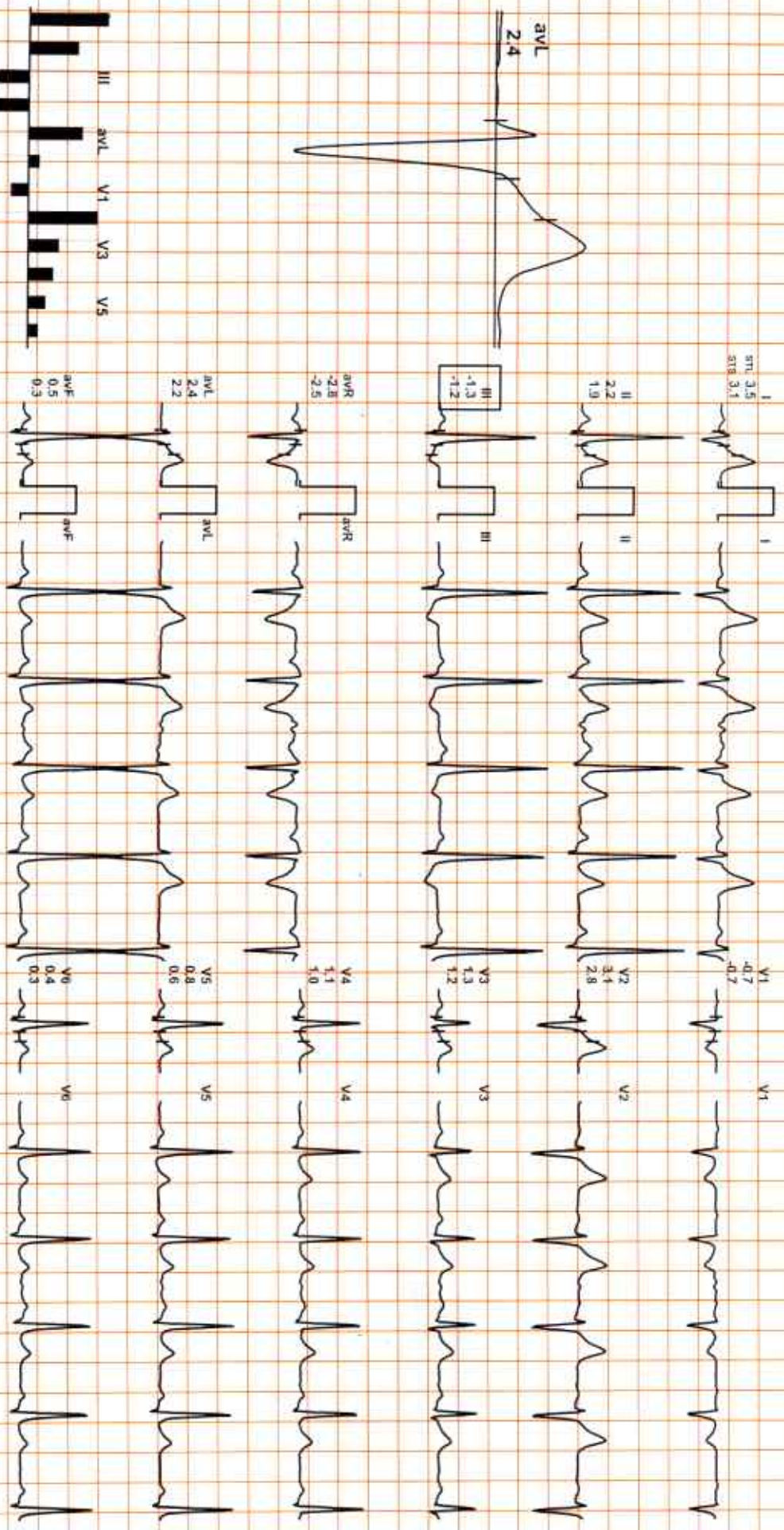
(GEM210151123) Gemini A-DX by Allengers

Stage	Time	Duration	Belt Speed (mph)	Elevation	METs	Rate	BP	RPP	PVC	Comments
Supine	00:04	0:01	01.1	00.0	01.0	96	130/80	124	00	
Standing	00:23	0:01	01.1	00.0	01.0	115	130/80	149	00	
HV	00:28	0:01	01.1	00.0	01.0	063	130/80	081	00	
ExStart	00:44	0:06	01.7	10.0	01.1	103	130/80	133	00	
BRUCE Stage 1	03:44	3:00	01.7	10.0	04.7	102	130/80	132	00	
BRUCE Stage 2	06:44	3:00	02.5	12.0	07.1	115	140/82	161	00	
BRUCE Stage 3	09:44	3:00	03.4	14.0	10.2	150	140/82	210	00	
PeakEx	10:47	1:03	04.2	16.0	11.4	170	140/82	238	00	
Recovery	11:46	1:00	00.0	00.0	04.3	128	140/82	179	00	
Recovery	12:46	2:00	00.0	00.0	01.0	094	140/82	131	00	
Recovery	14:46	4:00	00.0	00.0	01.0	103	120/80	123	00	
Recovery	15:10	4:23	00.0	00.0	01.0	093	120/80	111	00	

Findings :
 Exercise Time : 10:04
 Max HR Attained : 170 bpm 87% of Target 195
 Max BP Attained : 140/82
 Max Workload Attained : 11.4 Good response to induced stress
 Test End Reasons : Test Complete, Heart Rate Achieved

TMT Negative for AIT of Peak Exercise

Date: 07-Sep-2021 12:47:13 PM METS: 1.01 96 bpm (49% of THR) BP: 130/80 mmHg Riw ECG/ BLC On Natch On HF 0.005 Hz/LF 100 Hz
 4X 80 ms Post J Extimo: 00:04 1.1 mph, 0.0%
 25 mm/Sec. 1.0 Cm/mV

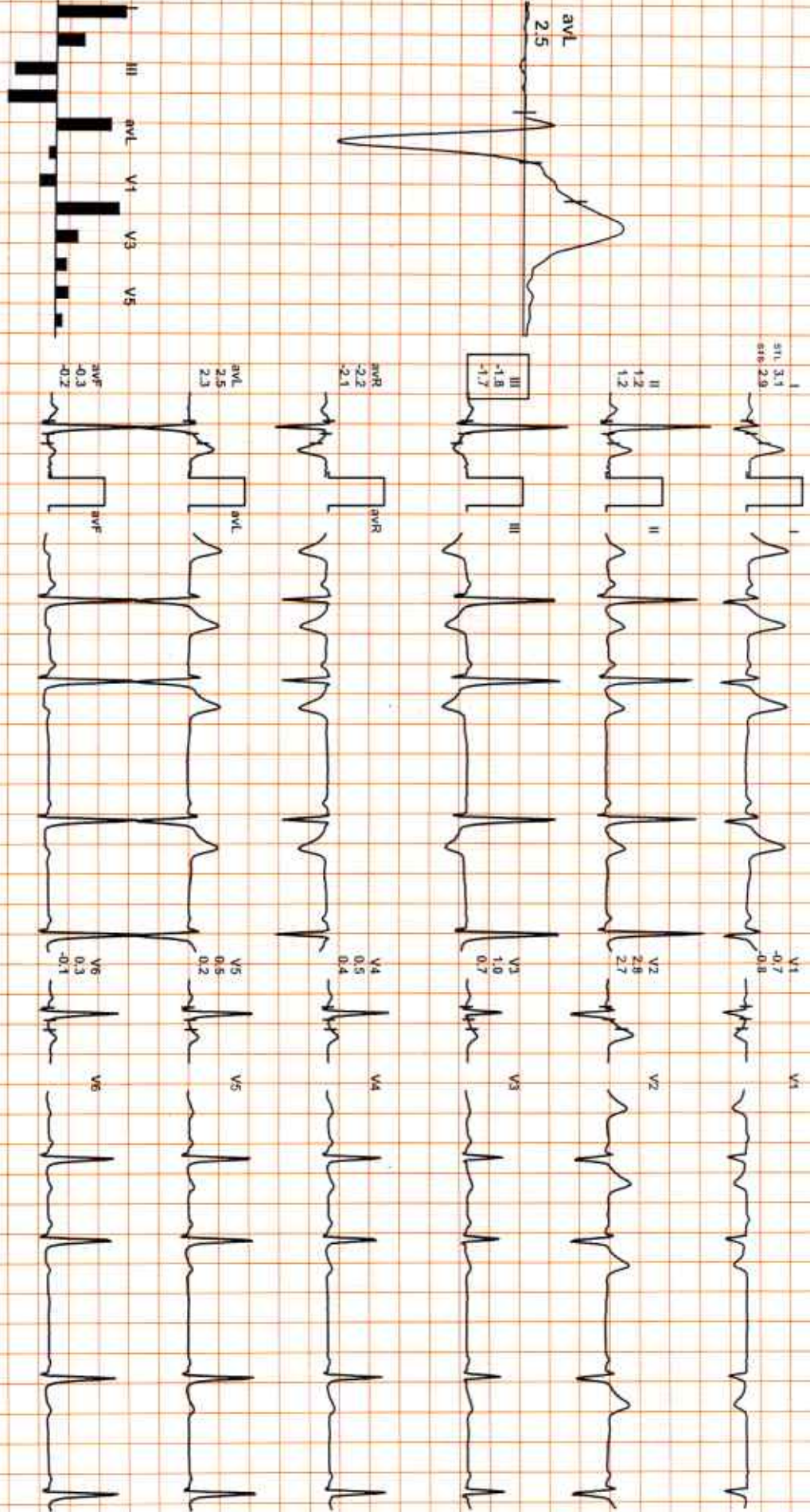


REMARKS:
 II aVR aVF V2 V4 V6
 III aVL V1 V3 V5

1271 / MR. PRATEEK GOYAL / 25 YRS / M

Date: 07-Sep-2021 12:47:13 PM METS: 1.0 / 115 bpm 58% of THR BP: 130/80 mmHg Raw ECG: BLC ON Notch Div/ HF 0.05 Hz/ LF 100 Hz
4X 80 MS Post J

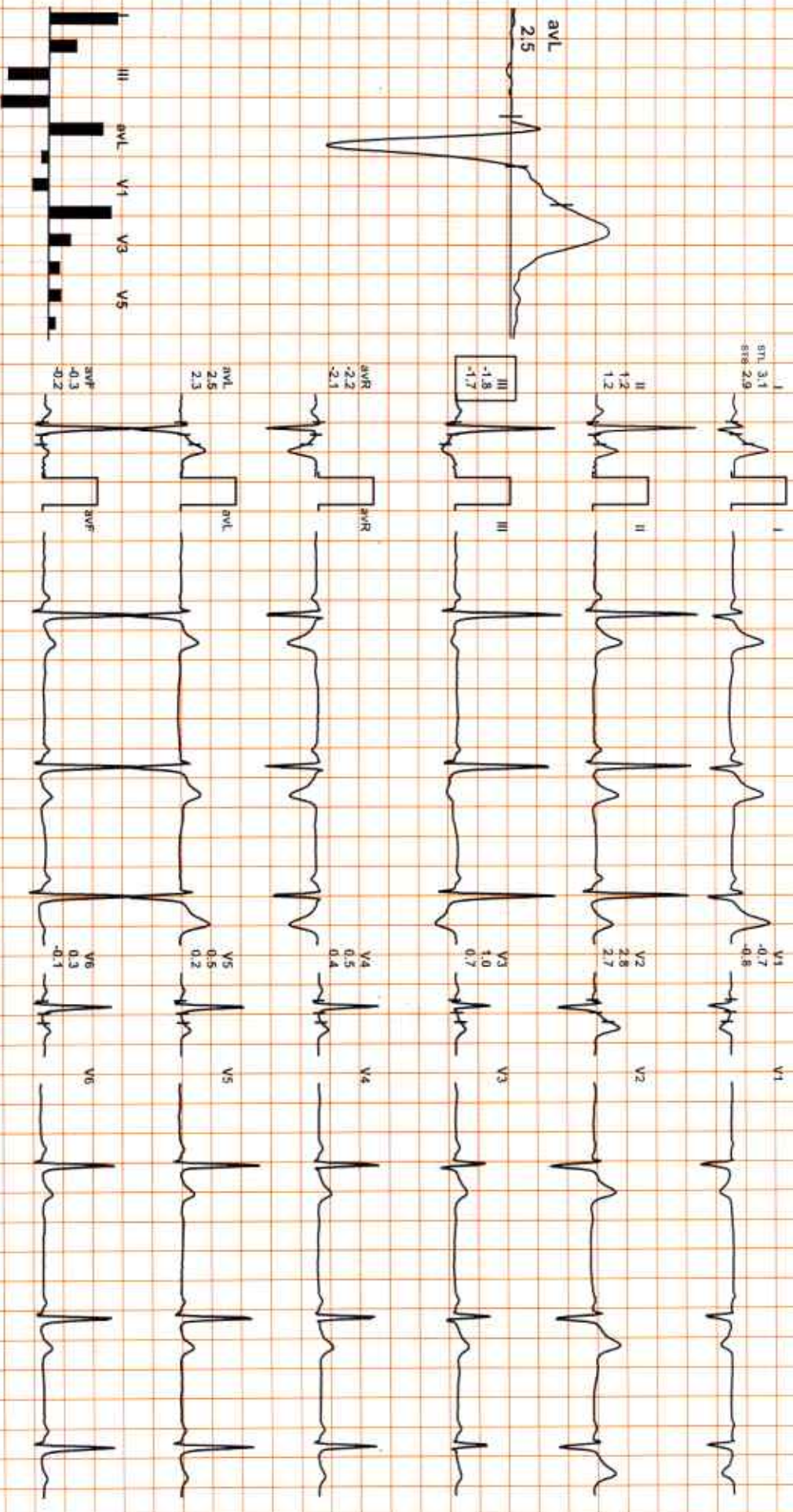
ExTime: 00:23 1.1 mph, 0.0%
Zs min/Sec: 1.0 Cm/min



REMARKS: II aVR aVF V2 V4 V6

10/11/21
ASAP

Date: 07-Sep-2021 12:47:13 PM METS: 1.0/ 63 bpm 32% of THR EPR: 130/80 mmHg Raw ECG/BLG On Nidich On HF 0.05 Hz/LE 100 Hz
4X 80 ms Post J
ExtTime: 00:28 1.1 mph, 0.0%
25 mm/Sec, 1.0 Cm/mV



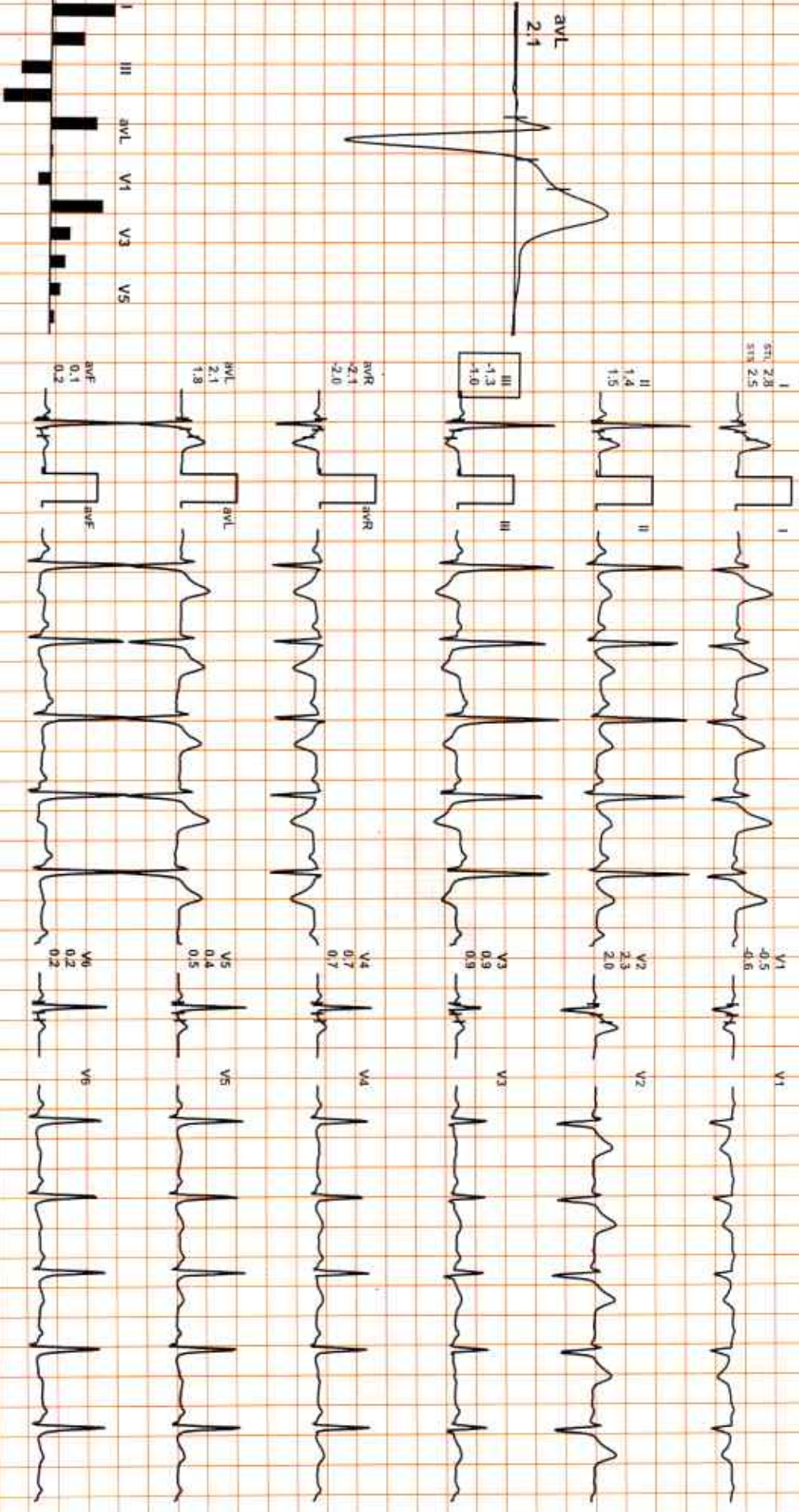
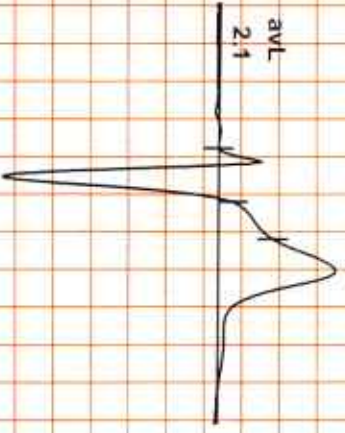
REMARKS: II aVR aVF V2 V4 V6

1271 / MR. PRATEEK GOYAL / 25 YRS / M

Date: 07-Sep-2021 12:47:13 PM
4X 80 mS Post J

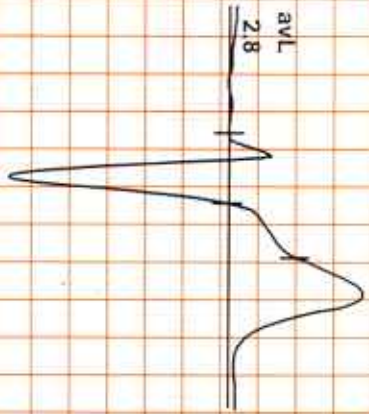
METS: 11# 103 bpm 92% on THR BP: 130/80 mmHg
Raw ECG BUC-Div Natch/Dnl/HF 0.05 Hz/100 Hz

ExTime: 00:00 1.7 mph 10.0%
25 mm/Sec. 1.0 Cm/mV

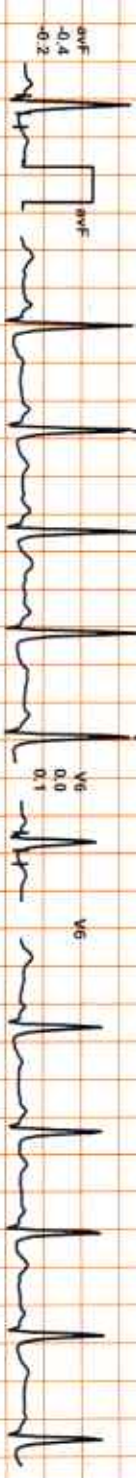
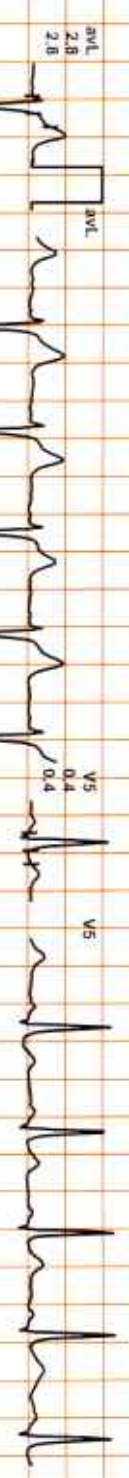
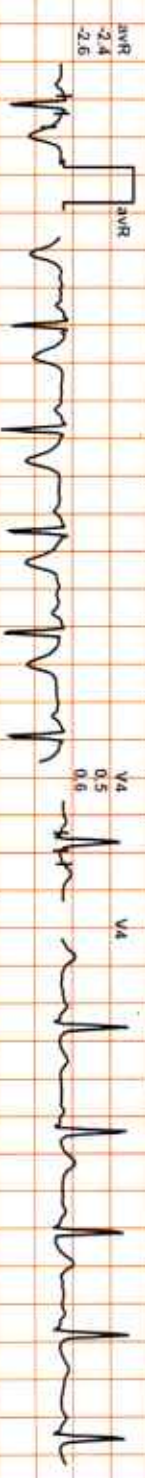


REMARKS:

Date: 07-Sep-2021 12:47:13 PM METS: 4.7/102 bpm 52% of THR BP: 130/80 mmHg Raw ECG/BLC On/Notch On/HR 0.05 Hz/IF 100 Hz
4X 80 ms Post J Ext: 03:00 1.7 mph 10.0%
25 mm/Sec: 1.0 Cm/mV



REMARKS:
II aVR aVF V2 V4 V6
III aVL V1 V3 V5

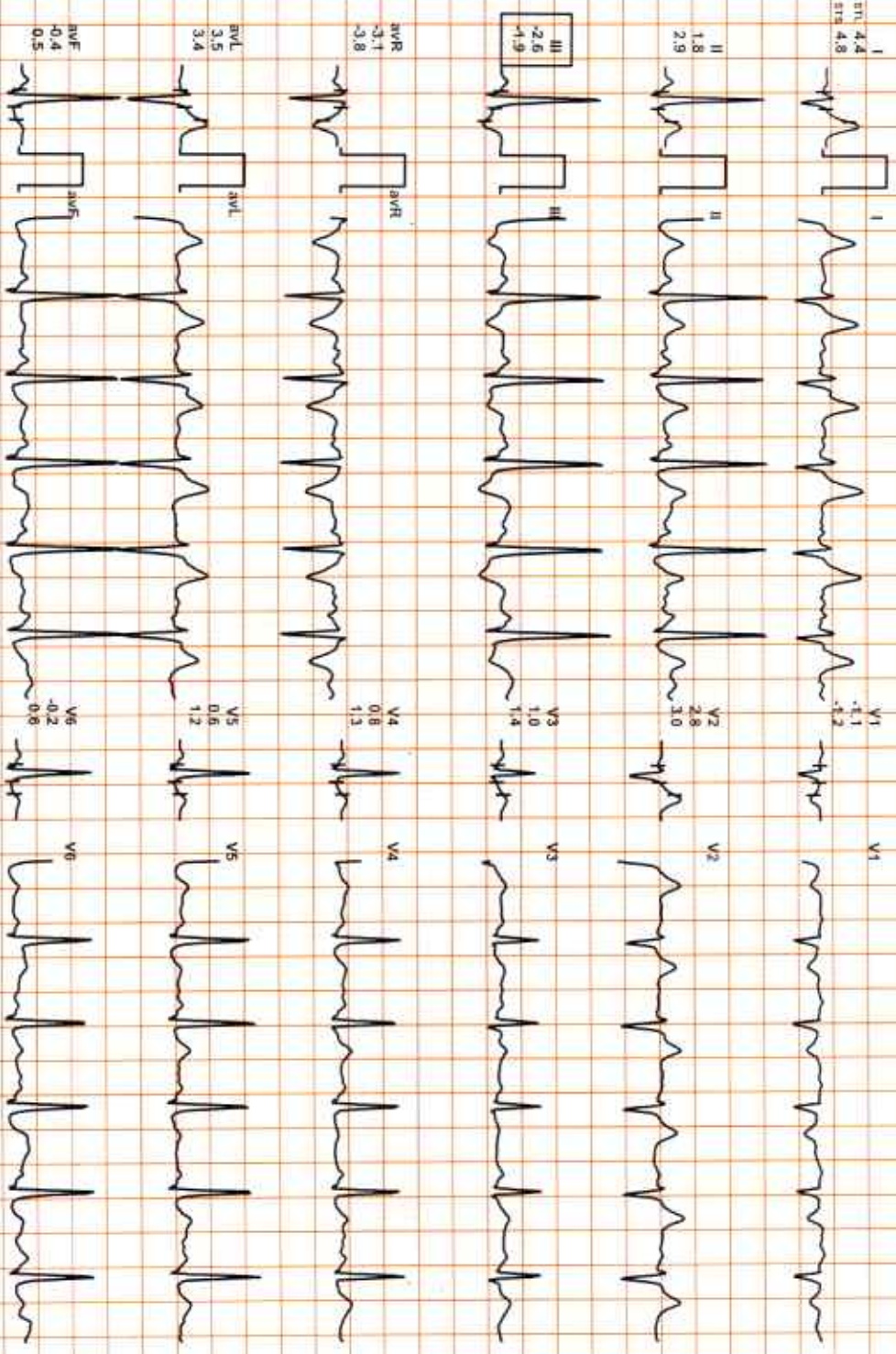
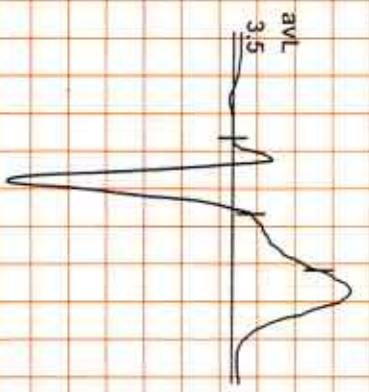


1271 / MR. PRAITEEK GOYAL / 25 YRS / M

Date: 07-Sep-2024 12:47:13 PM METS: 7.17 115 bpm 98% of THR BP: 140/82 mmHg Raw ECG: BLC DM/ Natch/OM/HF 0.05 Hz/IF 100 Hz

ExtTime: 06:00 2.5 mph, 12.0%
25 min/Sec: 1.0 Cm/mV

4X 80 mS Pos: J

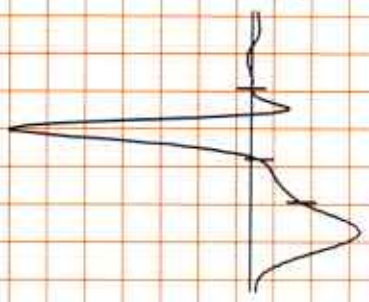


REMARKS: I II III aVR aVF V1 V2 V3 V4 V5 V6

Date: 07-Sep-2021 12:47:13 PM METS: 16.2/150 bpm 76% of THR BP: 140/82 mmHg Raw ECG/ BLC ON TOSTA ON HF 0.05 HZ/ LF 100 Hz

ExtTime: 09:00 3.4 r/sph 14.0%
25 mm/Sec 1.0 Centiv

AVL 2.0



I
RI: 2.2
SI: 3.7



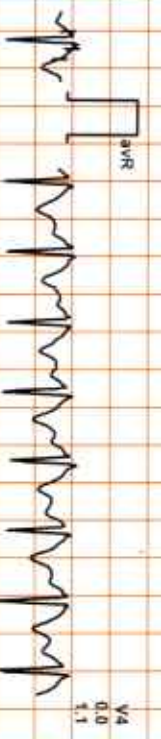
II
0.4
2.2



III
-1.8
-1.4



aVR
-1.5
-3.0



aVL
2.0
2.6



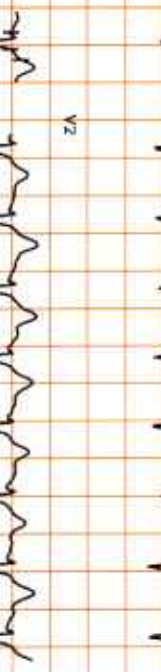
aVF
-0.7
0.4



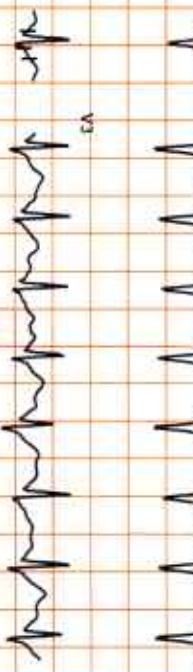
V1
-0.4
-0.7



V2
1.6
2.5



V3
0.3
1.4



V4
0.0
1.1



V5
-0.1
0.9



V6
-0.2
0.4

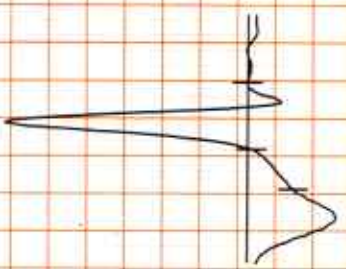


REMARKS:
I II aVR aVF V1 V2 V3 V4 V5 V6

Date: 07-Sep-2021 12:47:13 PM METS: 11.44 170 bpm 87% of THR BP: 140/82 mmHg Raw ECG: B,C On/Notch On/ HF: 0.05 Hz LF: 100 Hz
4X 60 mS Post U

ExTime: 10:03 4.2 mIpL 16.0%
25 mm/Sec 1.0 Cm/mV

avL 1.9



I
STL 2.0
STB 3.7



II
0.2
2.5



III
-1.8
-1.3



avR
-1.1
-3.1



avL
1.9
2.5



avF
-0.8
0.6



V1
-0.3
-0.6



V2
-1.7
3.0



V3
0.7
1.9



V4
0.3
2.2



V5
0.0
1.3



V6
-0.7
1.2

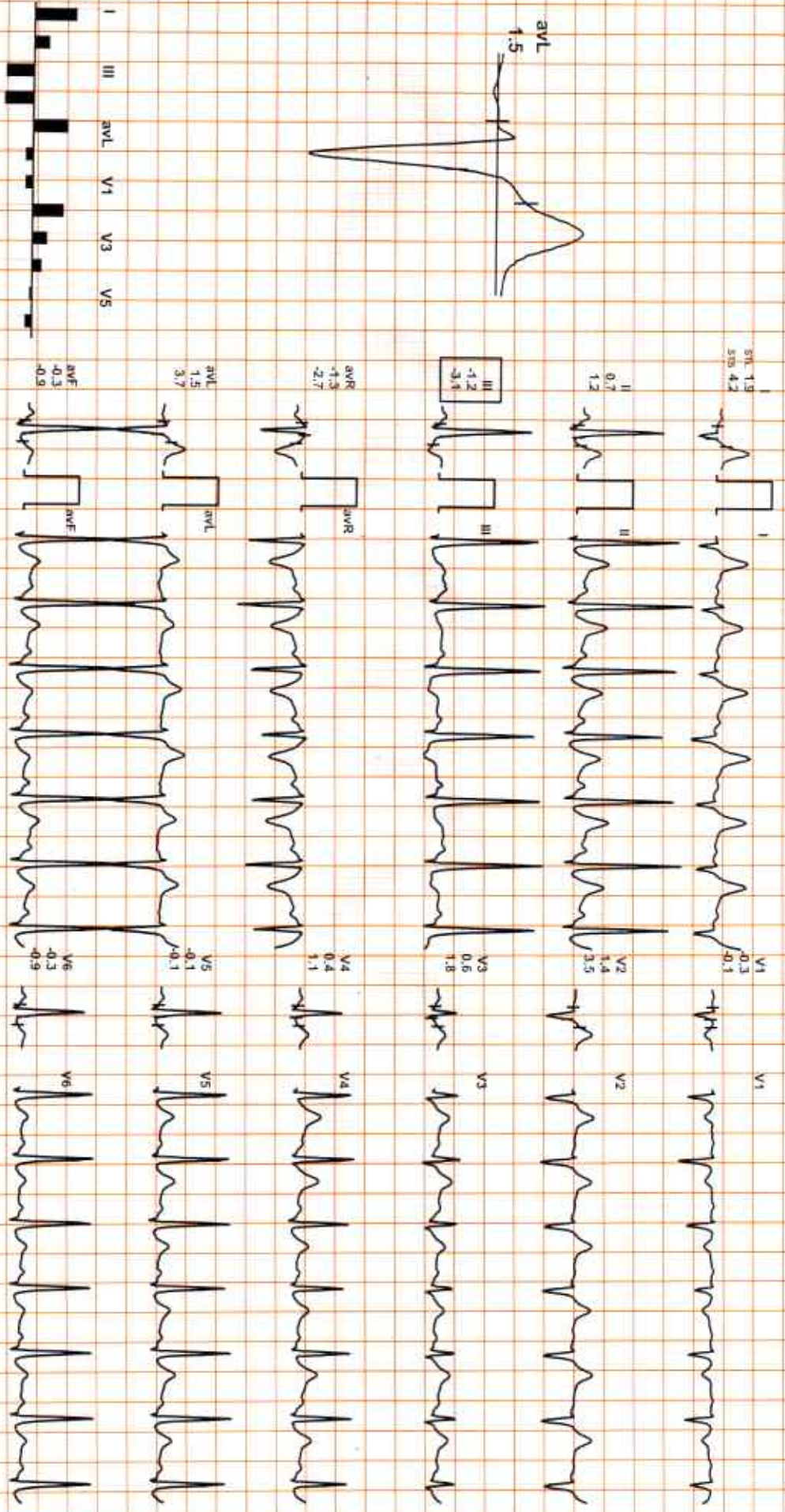
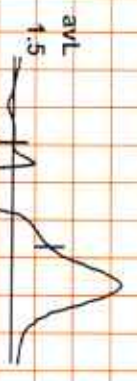


REMARKS:
II avR avF V2 V4 V6

Date: 07-Sep-2021 12:47:13 PM
4X 60 ms Paper J

MEETS: 4.31 128 bpm 65% of THR BP: 140/82 mmHg
Raw ECG: REC ON: NODS ON: HF: 0.05 Hz/LF: 100 Hz

EX time: 10:504 0.0 mph 0.0%
25 mm/Sec. 1.0 Cm/mV



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

Date: 07-Sep-2021 12:47:13 PM METS: 1.0/ 94 bpm 48% of THR BP: 140/82 mmHg Raw ECG/ BiC On/ Notch On/ HF 0.05 Hz/ LF 100 Hz

Extim: 10:04 0.0 mph 0.0%
25 mm/Sec 1.0 Cm/mV

4X 80 ms Post J



STC 3.1
STs 3.9

0
2.6
3.3

-0.6
-0.4

avR -2.9
-3.6

avL 1.9
2.4

avF 1.0
1.4

0.7
0.8

2.0
2.6

1.4
1.8

1.3
1.8

1.1
1.4

0.5
0.8

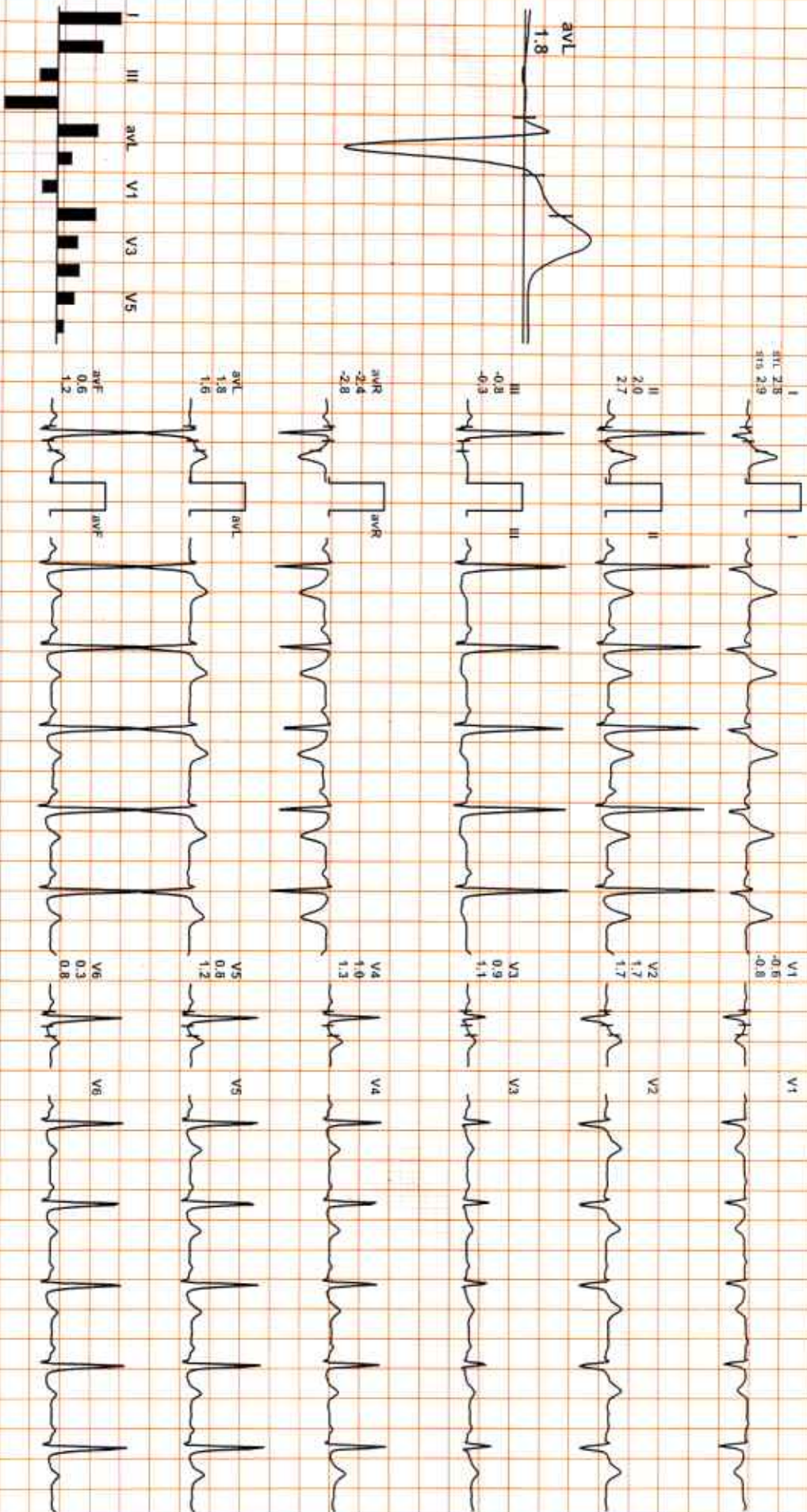


REMARKS:

Date: 07-Sep-2021 12:47:13 PM
4X 80 ms Post J

METS-10/ 103 bpm 52% of THR BP: 120/80 mmHg
Raw ECG: BLE-DW Notch-QW HF 0.05 Hz PLF 100 Hz

ExTime: 10:04 0.0 mps 0.0%
25 mm/Sec 1.0 Cm/mV

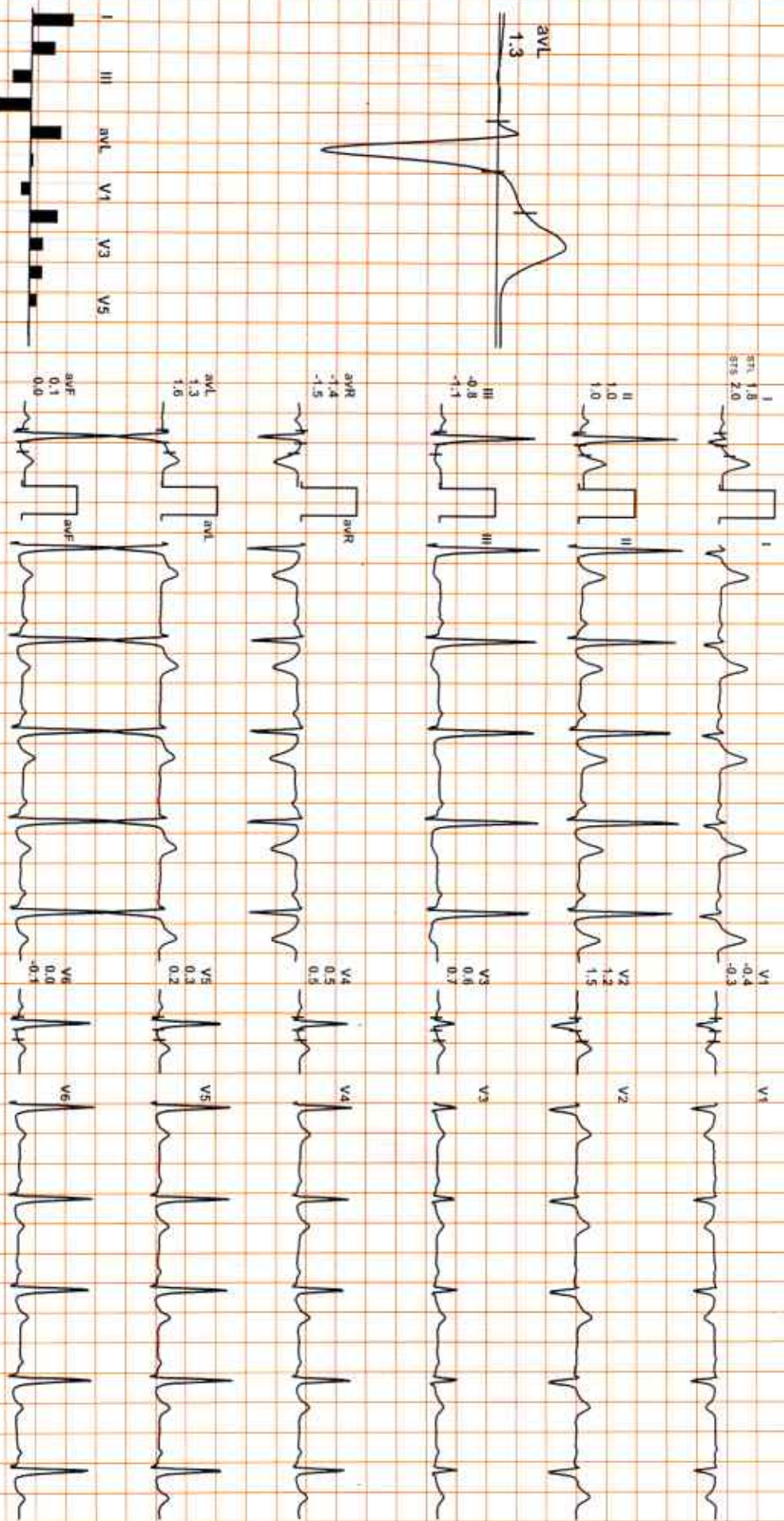


REMARKS:

Date of Study: 21-12-24 11:19 PM
4X 80 MS Post J

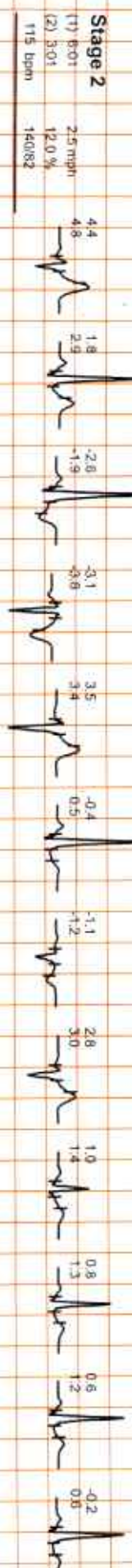
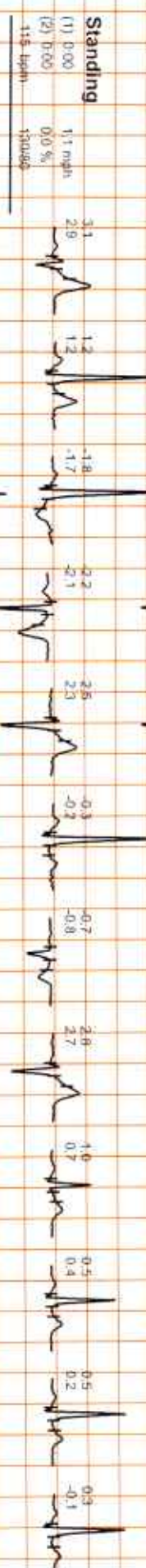
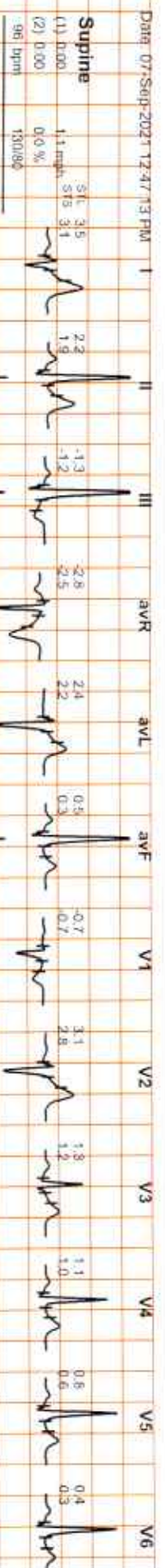
METS - 1.07 93 bpm 47% of TMR BP - 120/80 mmHg
Raw ECG/ BLC On/ Noise On/ HR 0.05 HALF 100 Hz

ExTime: 10:04 0.0 mph 0.0%
25 mm/Sec 1.0 Cm/mV



REMARKS:
II aVR aVF V2 V4 V6

Date: 07-Sep-2021 12:47:13 PM



Date: 07-Sep-2021 12:47:19 PM

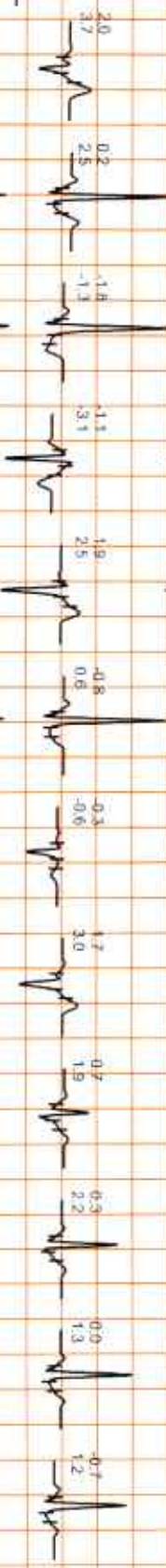
Stage 3

(1) 5:01 3.4 mph
 (2) 3:01 14.0 %
 150 bpm 140/82



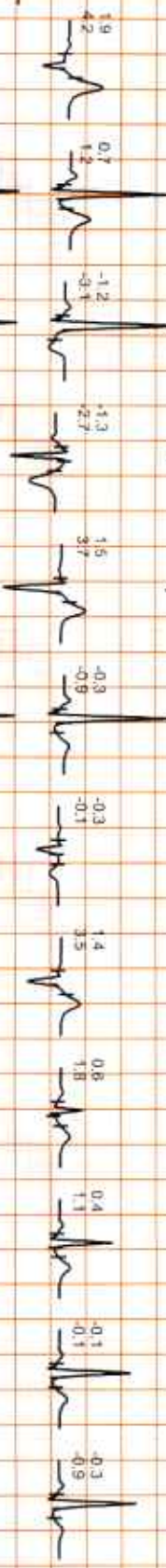
PeakEx

(1) 10:04 4.2 mph
 (2) 1:04 16.0 %
 128 bpm 140/62



Recovery

(1) 10:06 0.0 mph
 (2) 1:00 0.0 %
 128 bpm 140/62



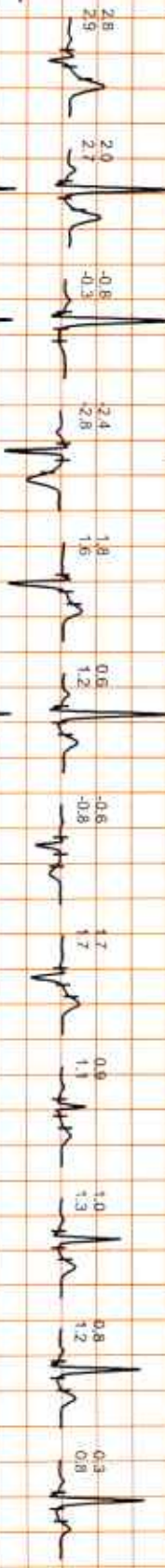
Recovery

(1) 10:06 0.0 mph
 (2) 2:00 0.0 %
 94 bpm 140/62



Recovery

(1) 10:06 0.0 mph
 (2) 4:00 0.0 %
 105 bpm 120/66



Recovery

(1) 10:06 0.0 mph
 (2) 4:24 0.0 %
 93 bpm 120/66

