

# Dr. Goyal's

## Path Lab & Imaging Centre

B-51, Ganesh Nagar, Near Metro Pillar No. 109-110, New Sangner Road,  
Sodala, Jaipur-302019

Tele : 0141-2293346, 4049787, 988704978

### General Physical Examination

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

Date of Examination: 07-04-24

Name: Chandra Kishore Sharma Age: 59 Sex: Male

DOB: 01-12-1964

Referred By: DRS.

Photo ID: Aadhar ID #: attached

Ht: 162 (cm) Wt: 83 (Kg)

Chest (Expiration): 100 (cm) Abdomen Circumference: 103 (cm)

Blood Pressure: 126/77 mm Hg PR: 69 / min

BMI 31.6 kg/m<sup>2</sup>

Eye Examination: DS vision R.E. 6/9, L.E. 6/6. with spec.  
Near vision N/G with spec. NO Glow. blindness.

Other: not significant

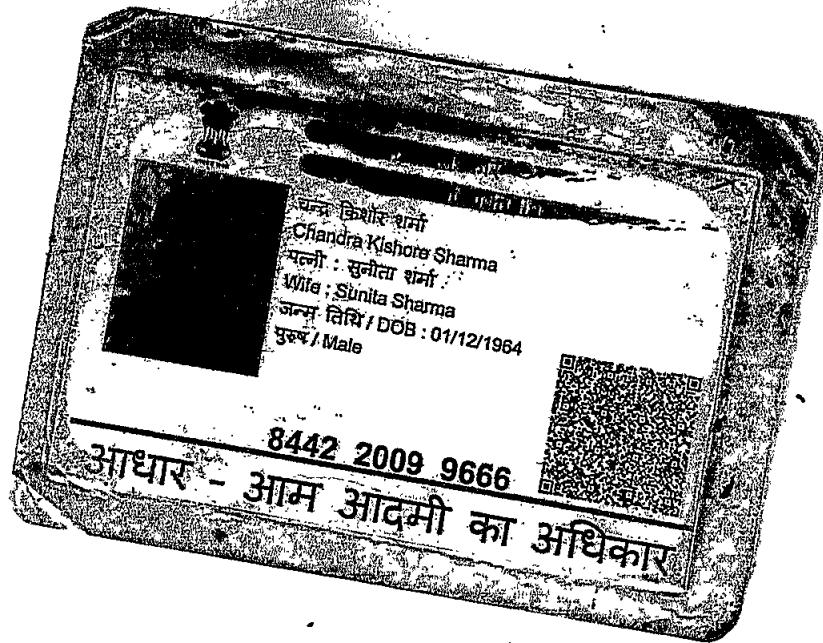
On examination he/she appears physically and mentally fit:  Yes /  No

Signature Of Examinee: [Signature] Name of Examinee: \_\_\_\_\_

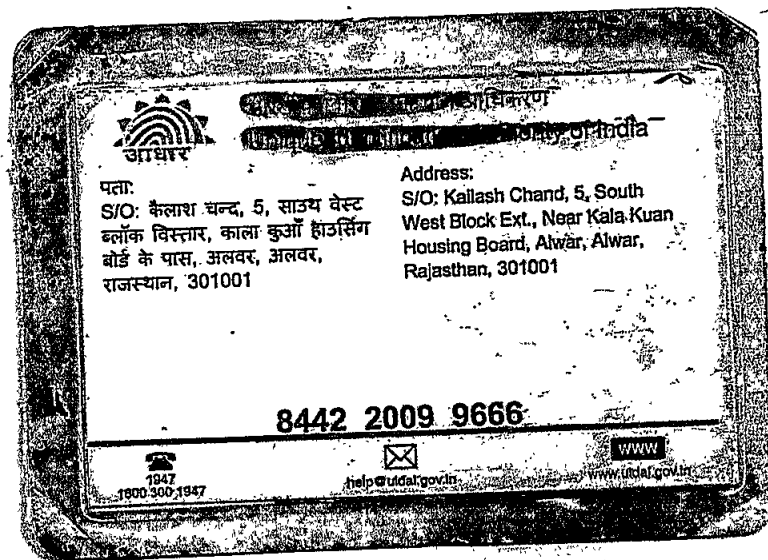
Signature Medical Examiner: [Signature] Name Medical Examiner \_\_\_\_\_  
D. Piyush Goyal  
M.B.B., D.M.R.D.  
RMC Reg. No. 017996

## *Conditions of Reporting*

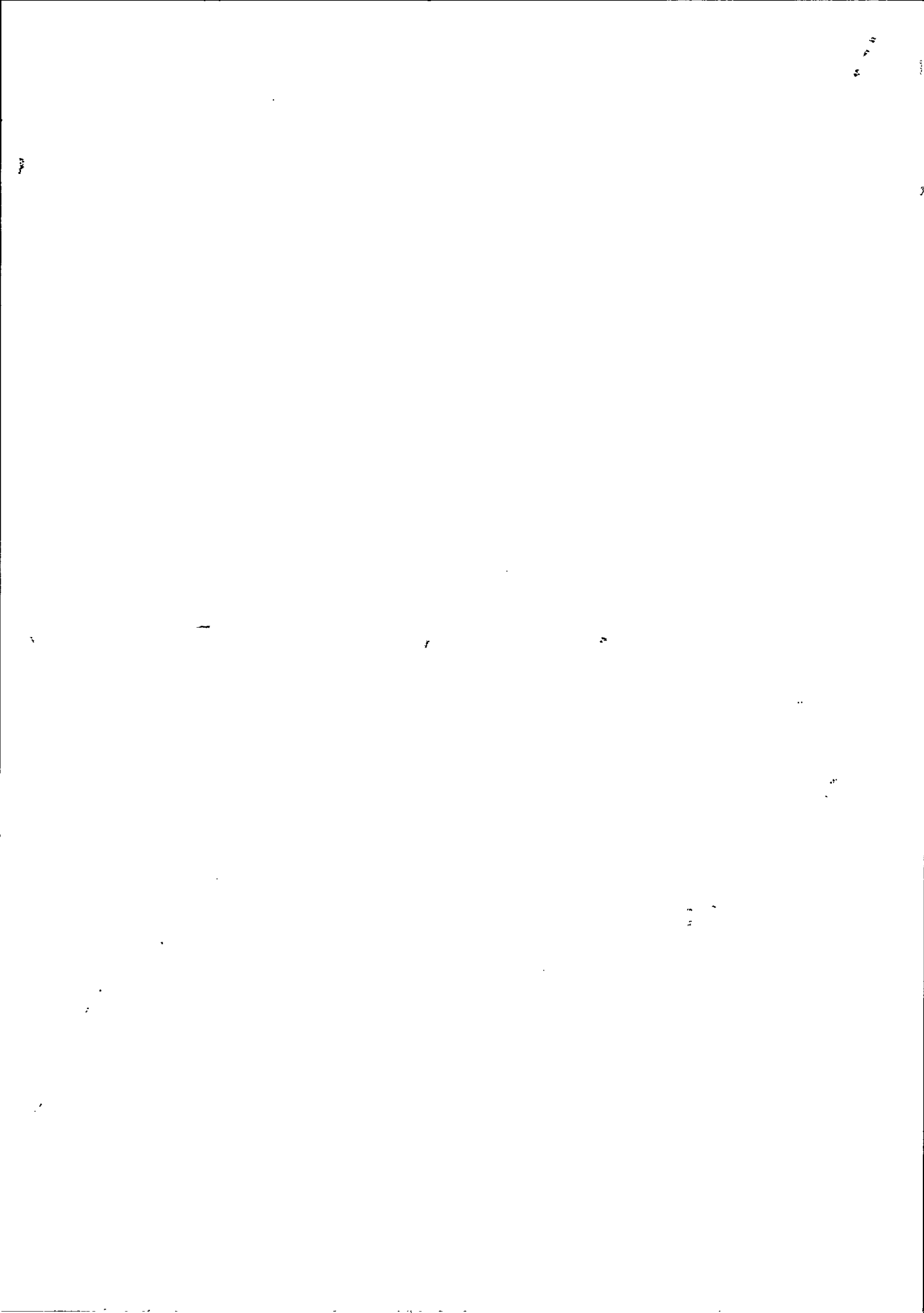
1. Individual laboratory investigations are never conclusive but should be used along with other relevant clinical examination to achieve final diagnosis. The result of a laboratory investigation are dependent on the quality of the sample as well as the assay procedures used.
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5. Any query from the referring doctor with reference to this report should be directed to **Dr. GOYALS PATH LAB AND IMAGING CENTRE** Jaipur between -2:00 P.M. to 5:00 P.M. on Phone : 0141-4049787,9887049787
6. This report is not valid for any medico -legal purposes.



*Handwritten signature*



D. Divyash Goyal  
M.B.B.S. & M.R.D.  
RMC Reg. No.-017996



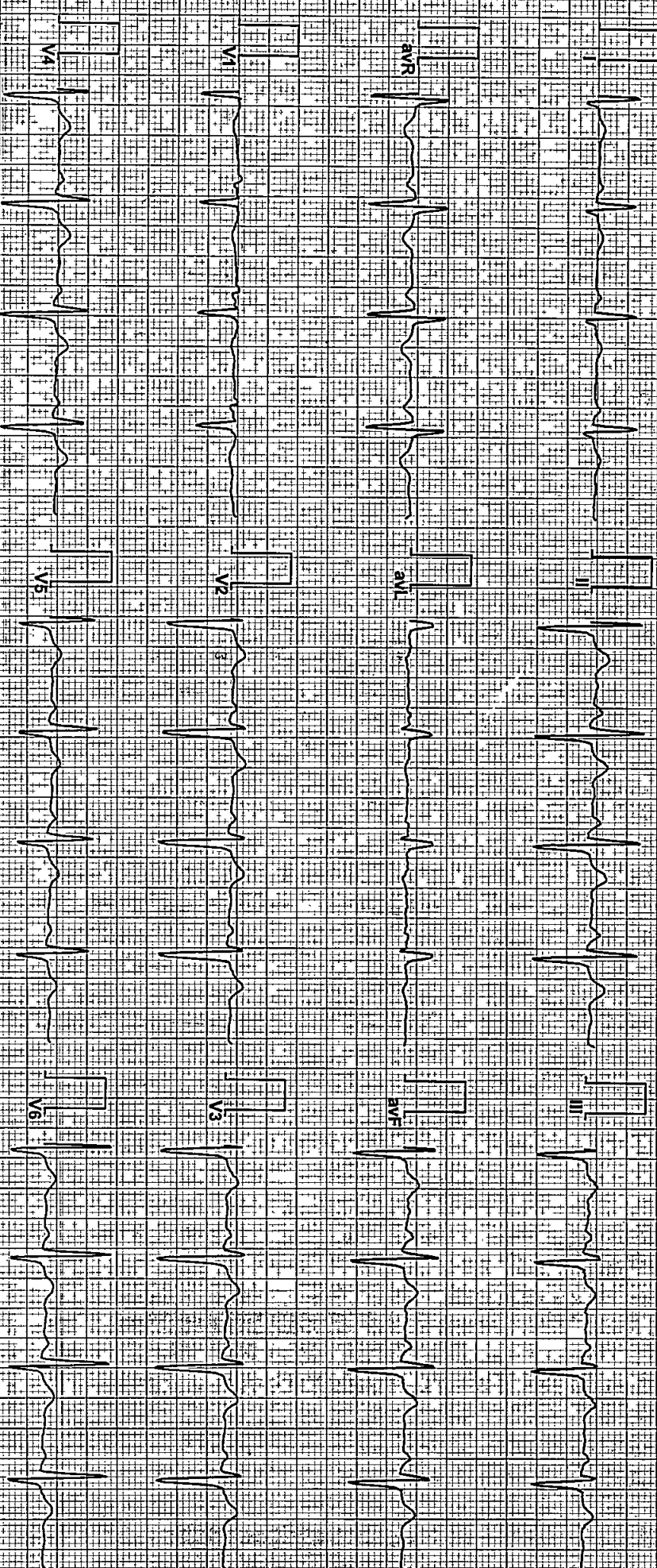
**DR. GOYAL PATH LAB**

5203 / MR CHANDRA KISHORE SHARMA / 59 Yrs / M

Heart Rate : 81 bpm / Tested On : 07-Apr-24 10:55:15 / HF: 0.05 Hz - LF: 35 Hz / Notch 50 Hz / Sn: 1.00 Cm/mV / Sw 25 mm/s

/ Reid By: BOB

**EKG**



Ventil Rate: 8 l/min

PR Interval: 162 ms

QRS Duration: 81 ms

QT Interval: 362 ms

Printed by: Natesh Kumar Mambani

Printed on: 07-Apr-24 10:55:15

Printed at: 59 Yrs

Printed for: Chandra Kishore Sharma

Printed at: Vardhman

Printed at: Vardhman

Printed at: Vardhman

Printed at: Vardhman

Printed at: Vardhman

All leads: ECG (Piscus) (P S24824091P)

MBBS, DNB (CC), DRCGP (UK)

90° R 35.00° T 70.00° F 64.00°

Axis

Reported By:

Reported By:

Reported By:

Reported By:

Reported By:



**DR. GOYALS PATH LAB & IMAGING CENTRE**  
**SODALA JAIPUR RAJ. Email:**

**Report**

1016 (113) / MR CHANDRA KISHORE SHARMA / 59 Yrs / M / 0 Cms / 0 Kg / NonSmoker  
 Date: 07 / 04 / 2024 10:56:03 AM Refd By : BOB Examined By :



Stage	Time	Duration	Speed(mph)	Elevation	METS	Rate	%THR	BP	RPP	FVC	Comments
Supine	00:06	0:06	01.1	00.0	01.0	079	49%	120/80	094	00	
Standing	00:23	0:17	01.1	00.0	01.0	081	50%	120/80	097	00	
HV	01:39	1:16	01.1	00.0	01.0	088	52%	120/80	099	00	
Warm Up	02:19	0:40	01.1	00.0	01.0	085	53%	120/80	102	00	
ExStart	03:15	0:56	01.0	00.0	01.0	099	61%	120/80	118	00	
BRUCE Stage 1	05:15	3:00	01.7	10.0	04.7	141	88%	125/85	176	00	
BRUCE Stage 2	09:15	3:00	02.5	12.0	07.1	169	105%	135/85	228	00	
PeakEx	09:22	0:07	03.4	14.0	07.2	169	105%	135/85	228	00	
Recovery	10:22	1:00	00.0	00.0	01.2	144	89%	140/90	201	00	
Recovery	11:22	2:00	00.0	00.0	01.0	121	75%	135/85	183	00	
Recovery	12:22	3:00	00.0	00.0	01.0	113	70%	125/85	141	00	
Recovery	13:22	4:00	00.0	00.0	01.0	110	68%	120/80	132	00	
Recovery	13:53	4:31	00.0	00.0	01.0	109	68%	120/80	130	00	

**FINDINGS:**

Exercise time : 06:07  
 Max HR Attained : 169 bpm (05% of Target: 161)  
 Max BP Attained : 140/90 (mm/Hg)  
 Max Workload Attained : 7.2 Fat response to induced stress  
 Test End Reasons : Test Complete: HeartRate Achieved

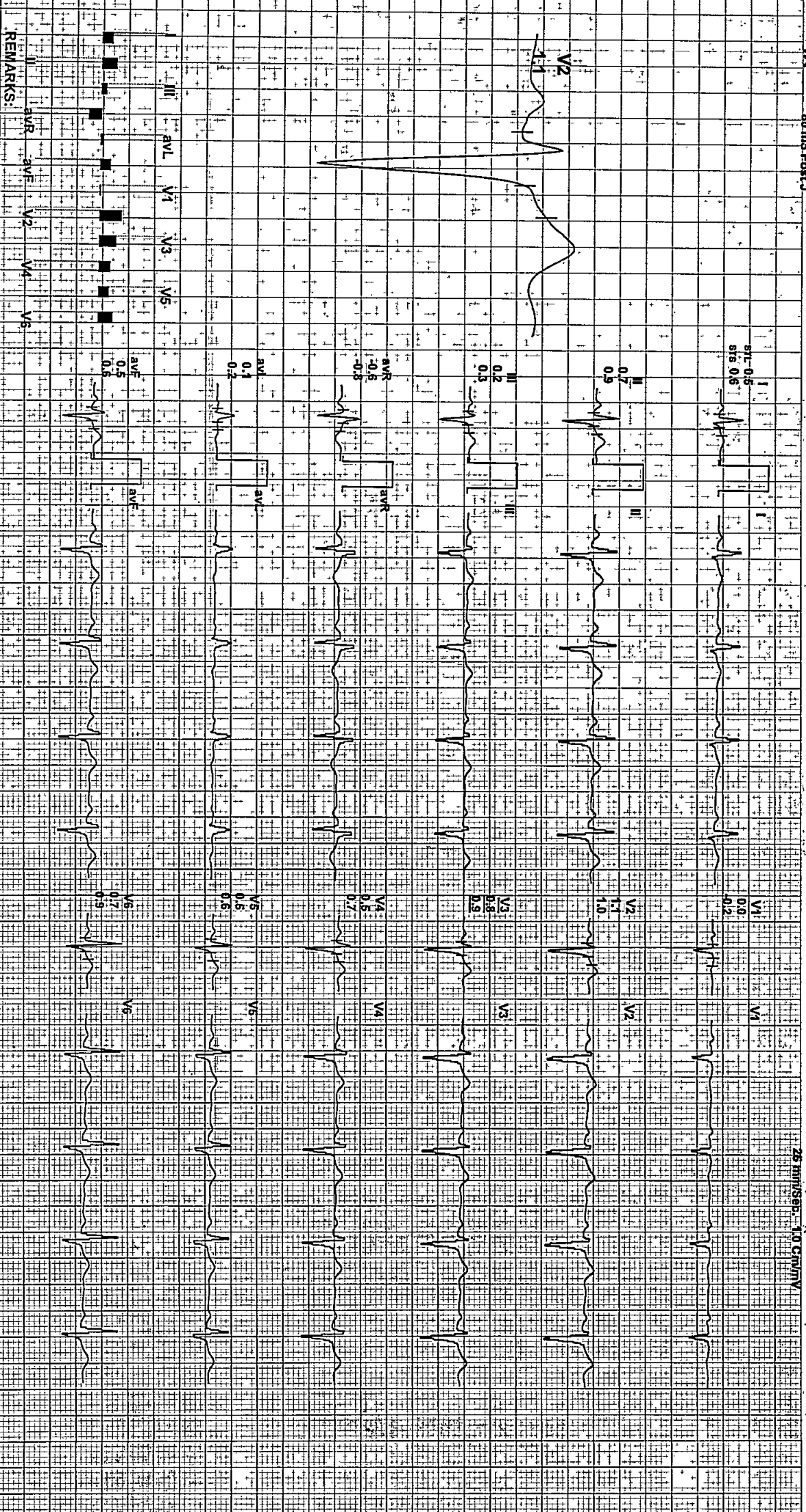
*T.M. PS Negative for RMI*

**D. Naresh Kumar Mohanka**  
 RMC No: 35703  
**M.B.B.S. DIP. CARDIO (SCGP/US)**  
**DE.M. (RCGP-UK)**

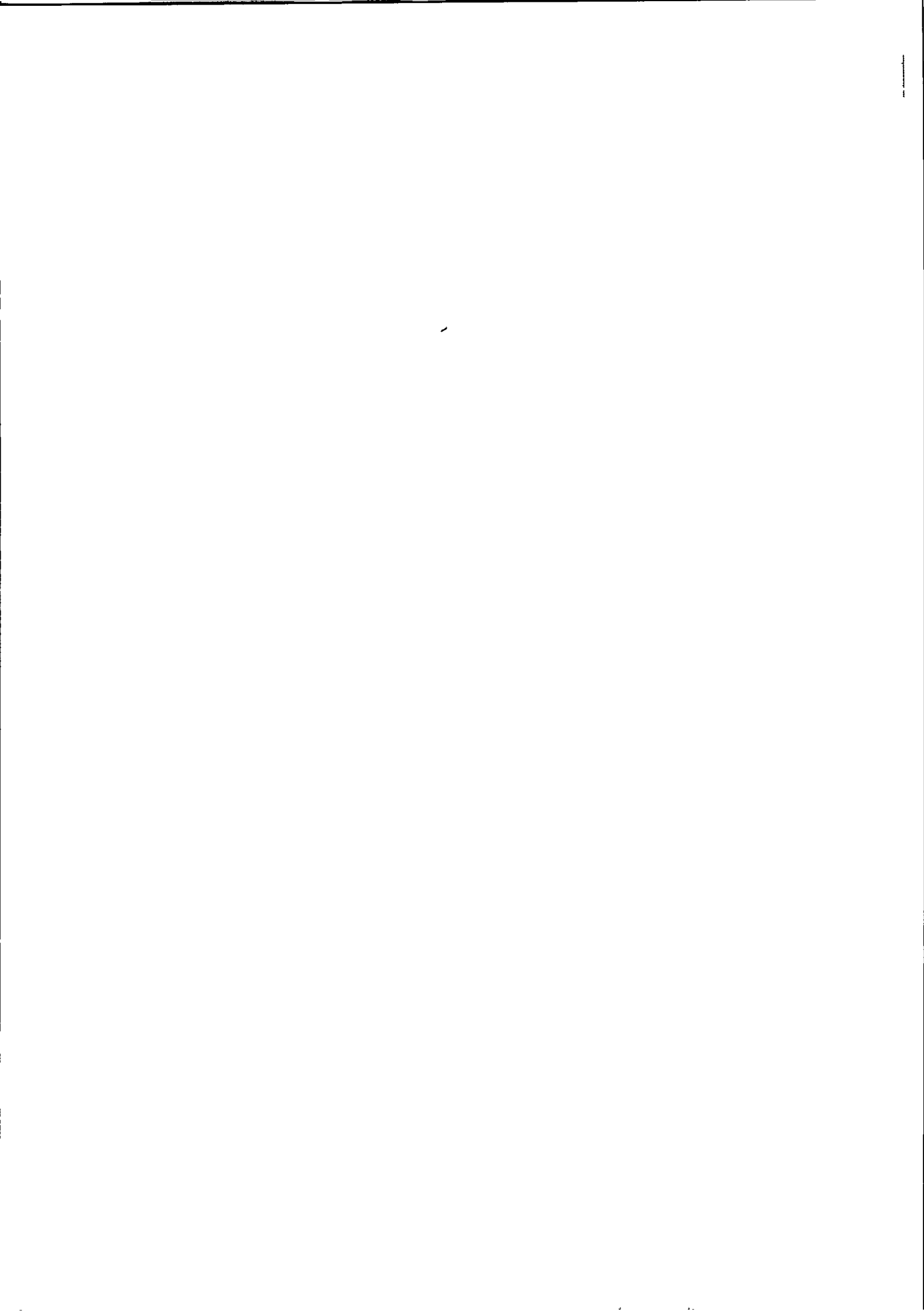
**REPORT:**



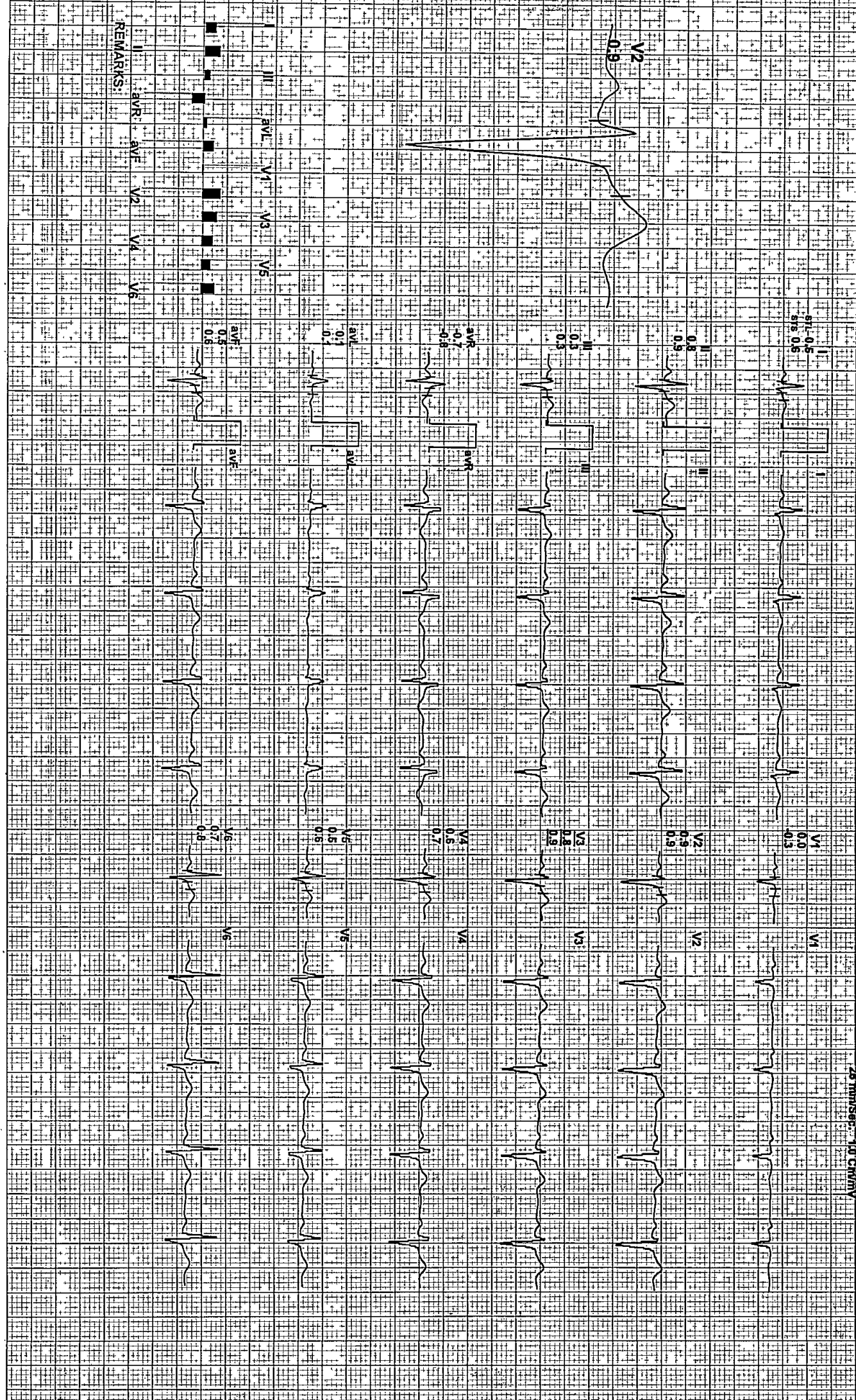




REMARKS:



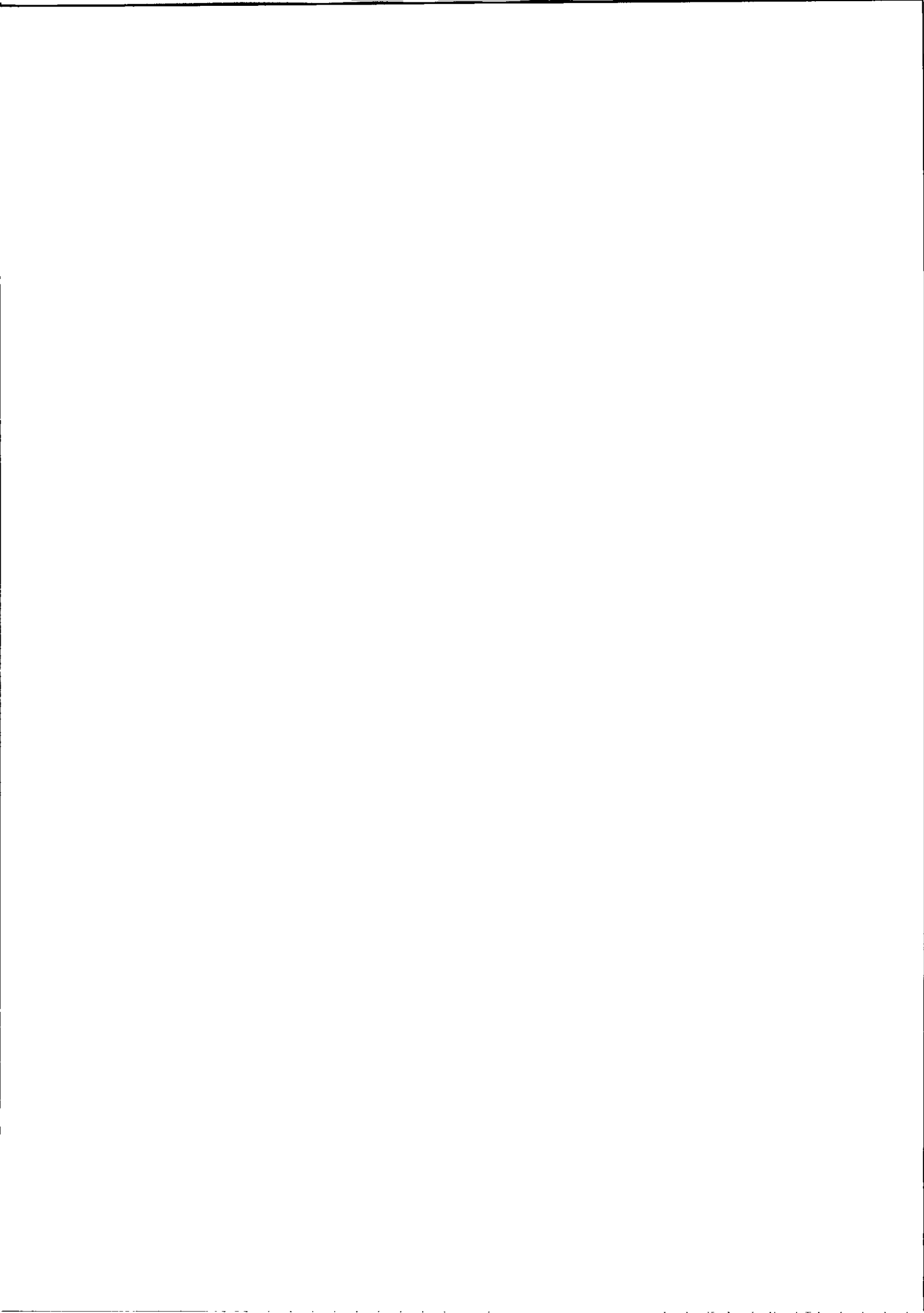
4X 80 ms Post J



REMARKS:

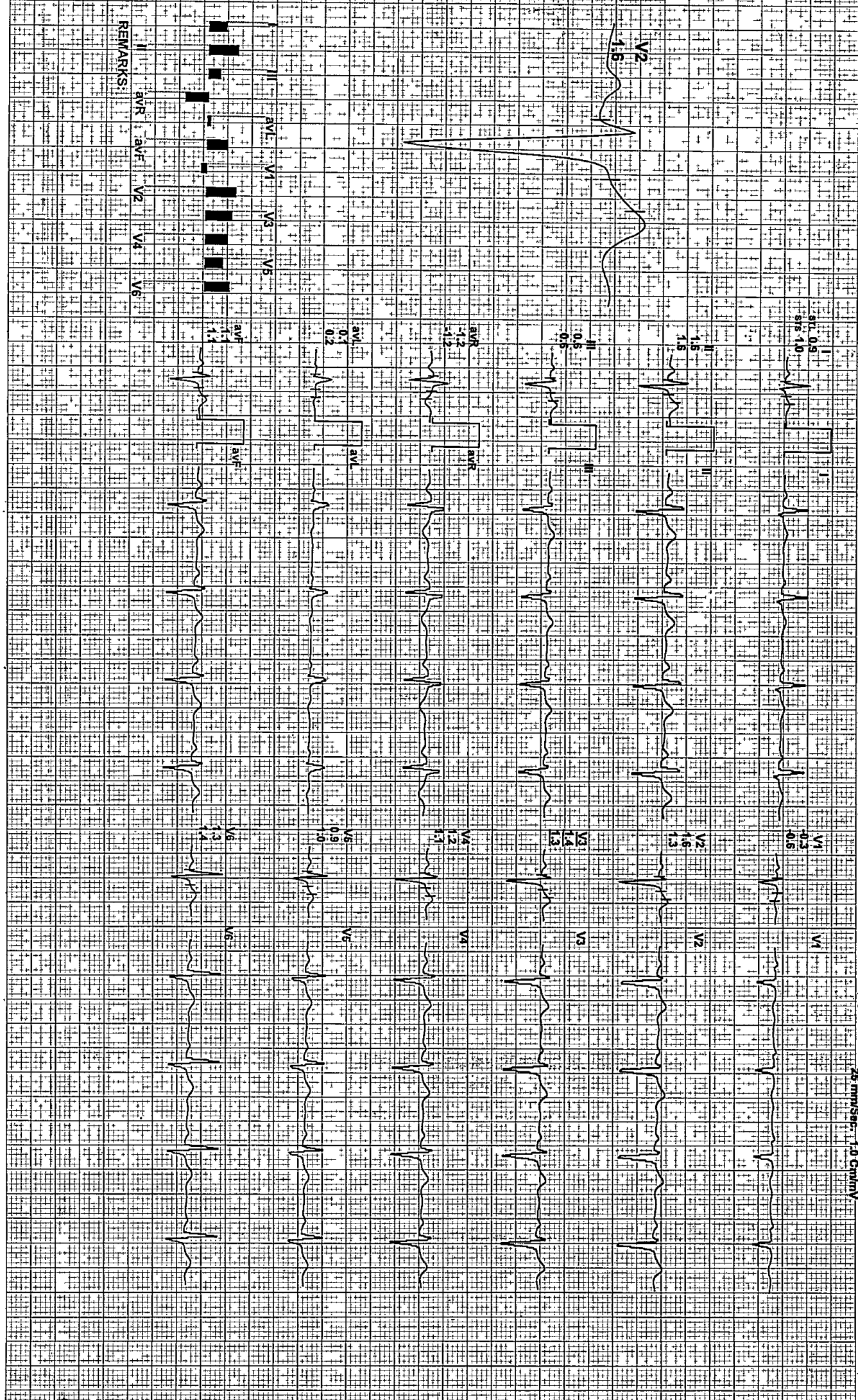
BRUCE: Standing(0:17)







4X 80 MS Post J

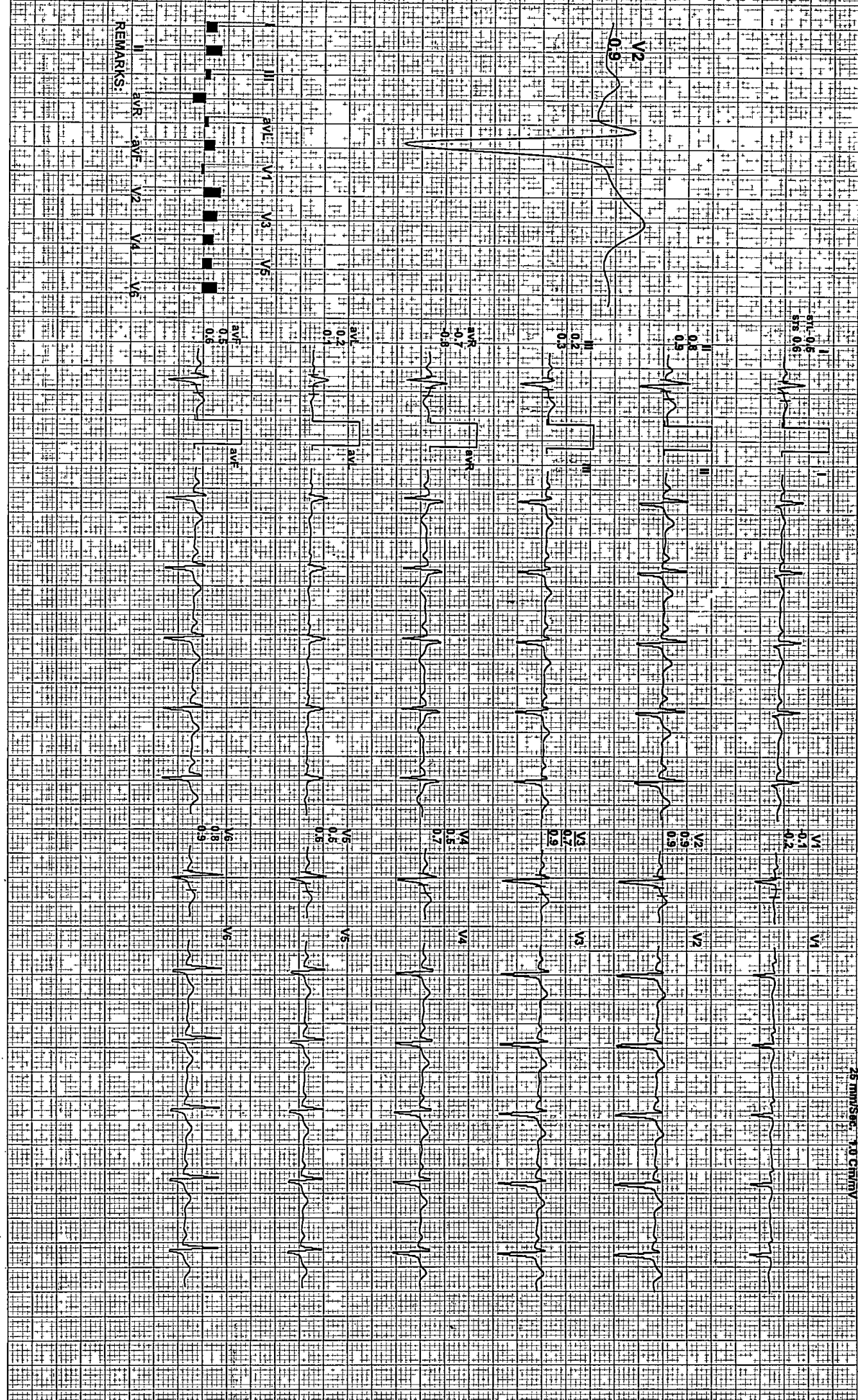


REMARKS:





4X 80 ms Post J



REMARKS:

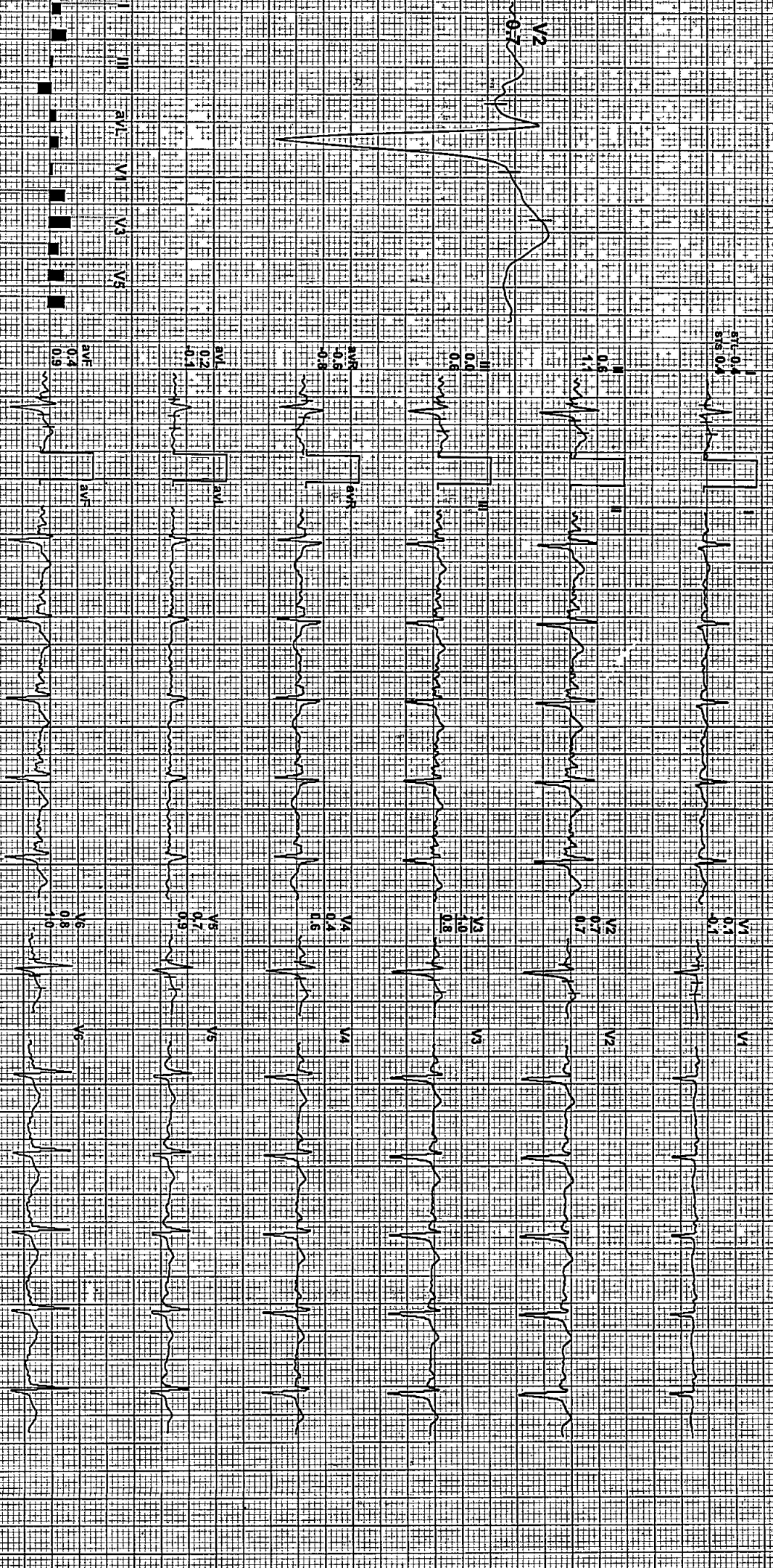




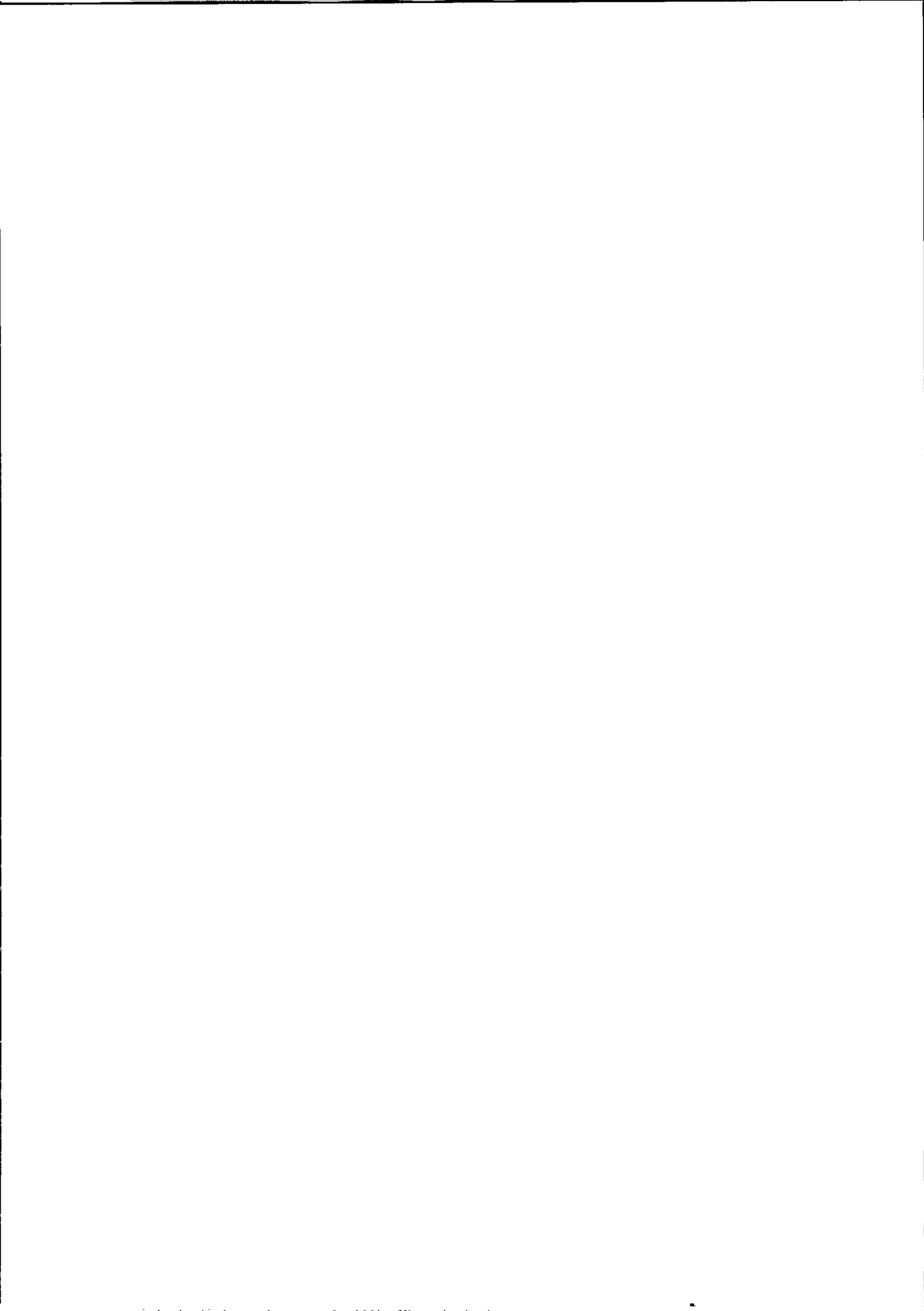


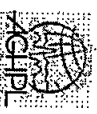
4X 80 ms Post I

25 mm/Sec - 1.0 cm/mV

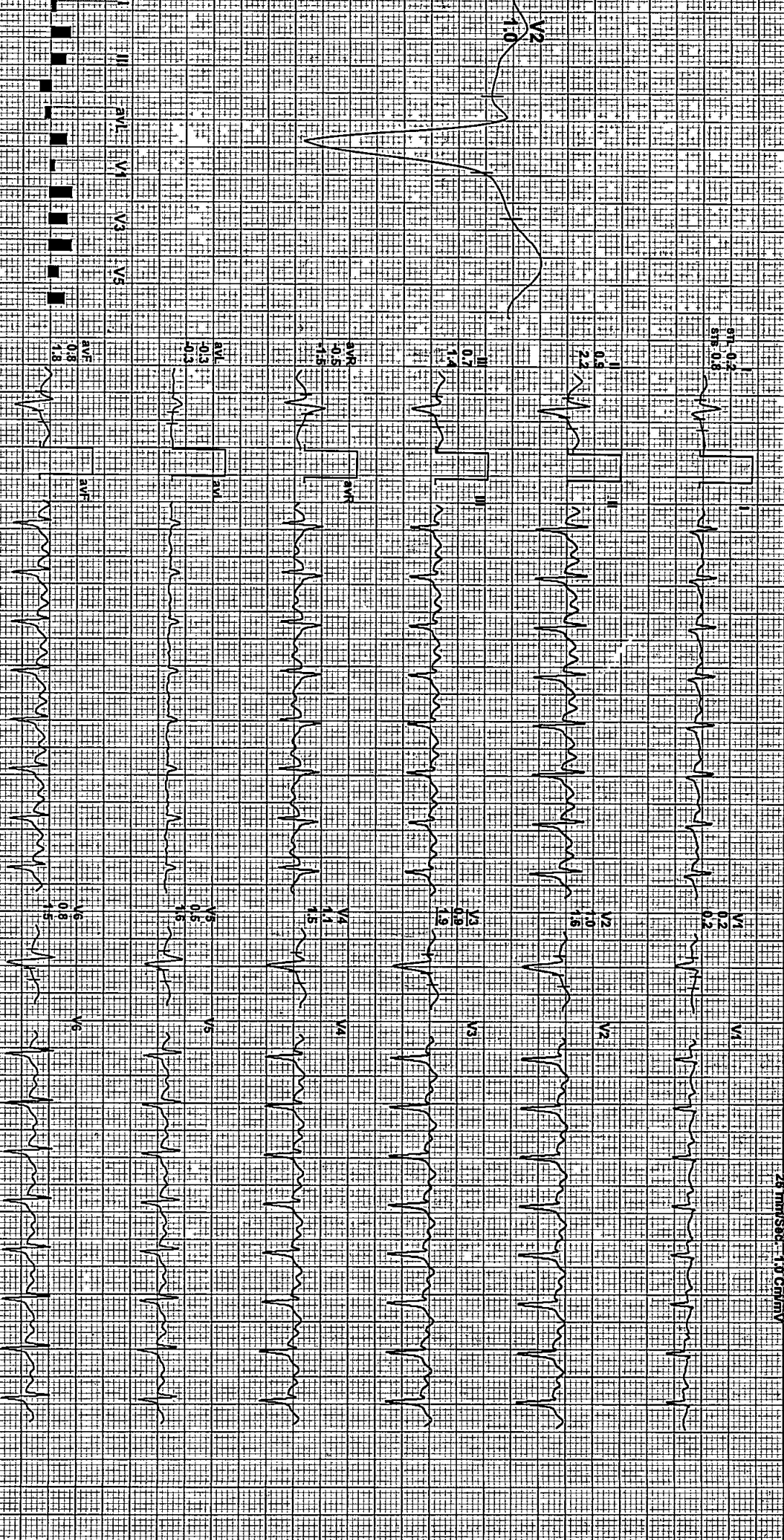


REMARKS:





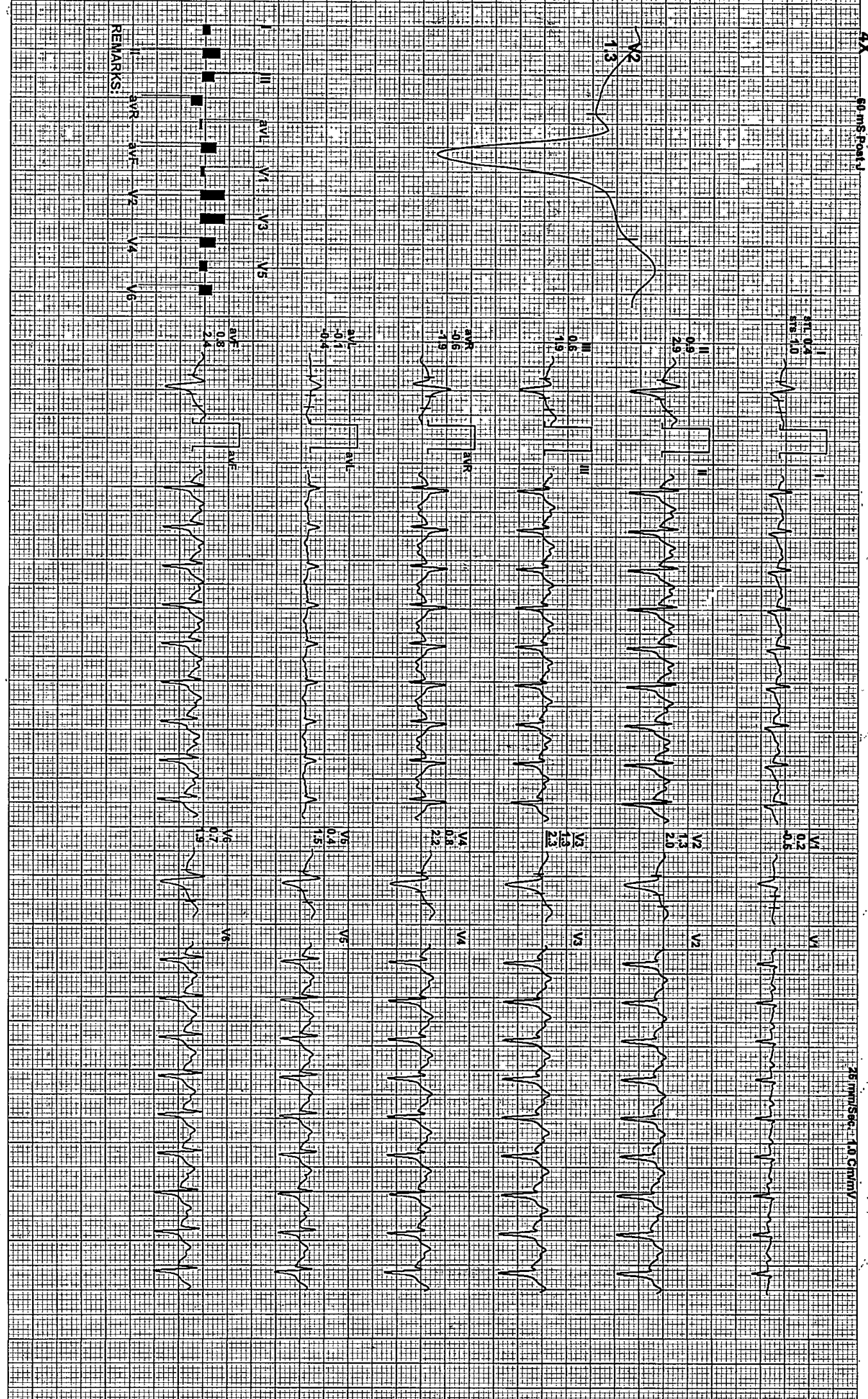
4X 60 ms Post J



REMARKS:

25 mm Sec: 1.0 Cm/mV





REMARKS:





Date: 07 / 04 / 2024 10:56:03 AM

METS: 7.2/ 169 bpm 105% of THR

BP: 135/85 mmHg

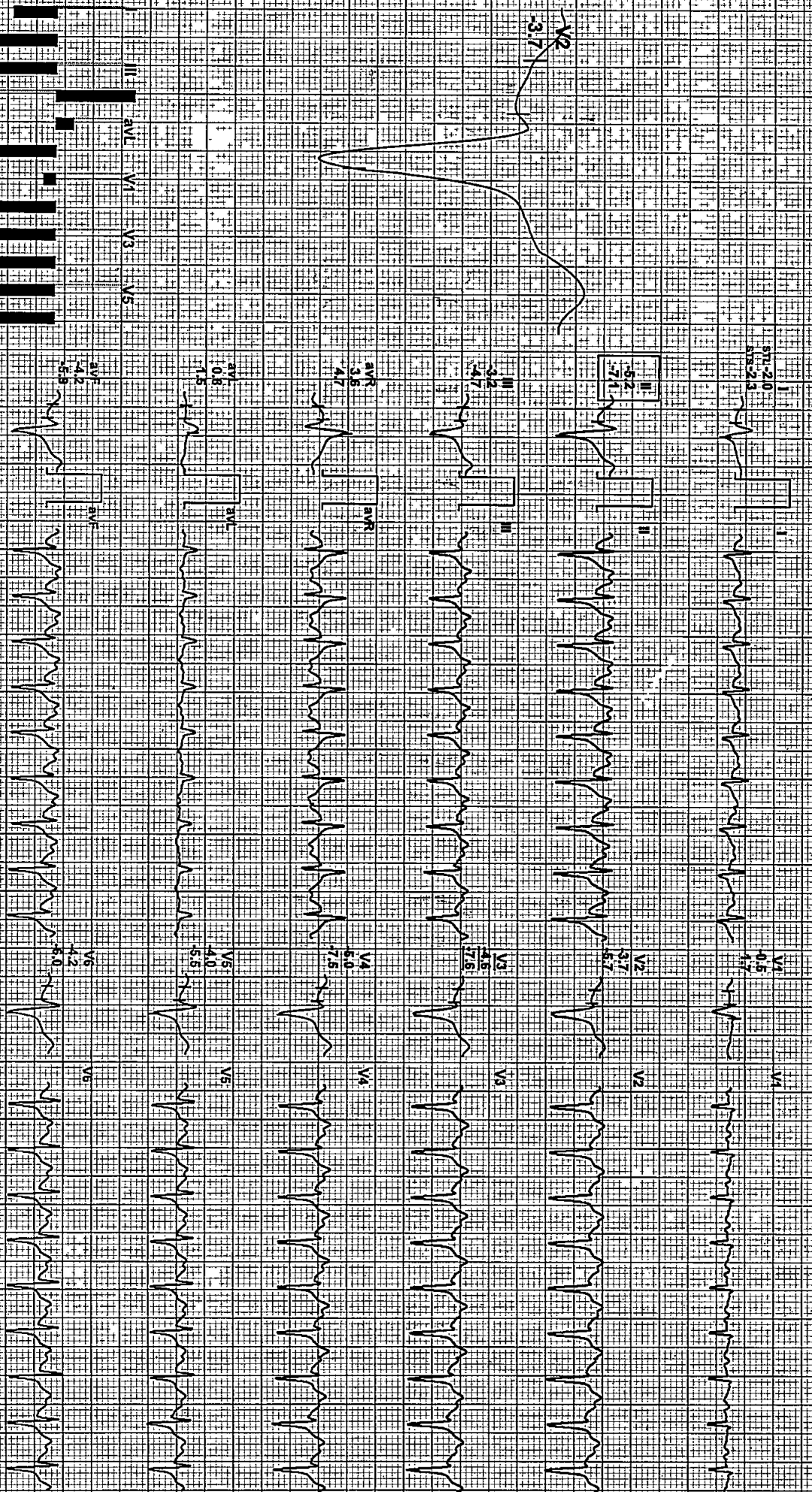
Combined Medians/ BLC On/ Notch On/ HF 0.05 Hz/LF 35 Hz

ExTime: 06:07 3.4 mph, 14.0%

AX

60 MS Post J

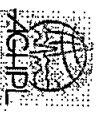
25 mm/Sec: 1.0 Channel V



REMARKS:

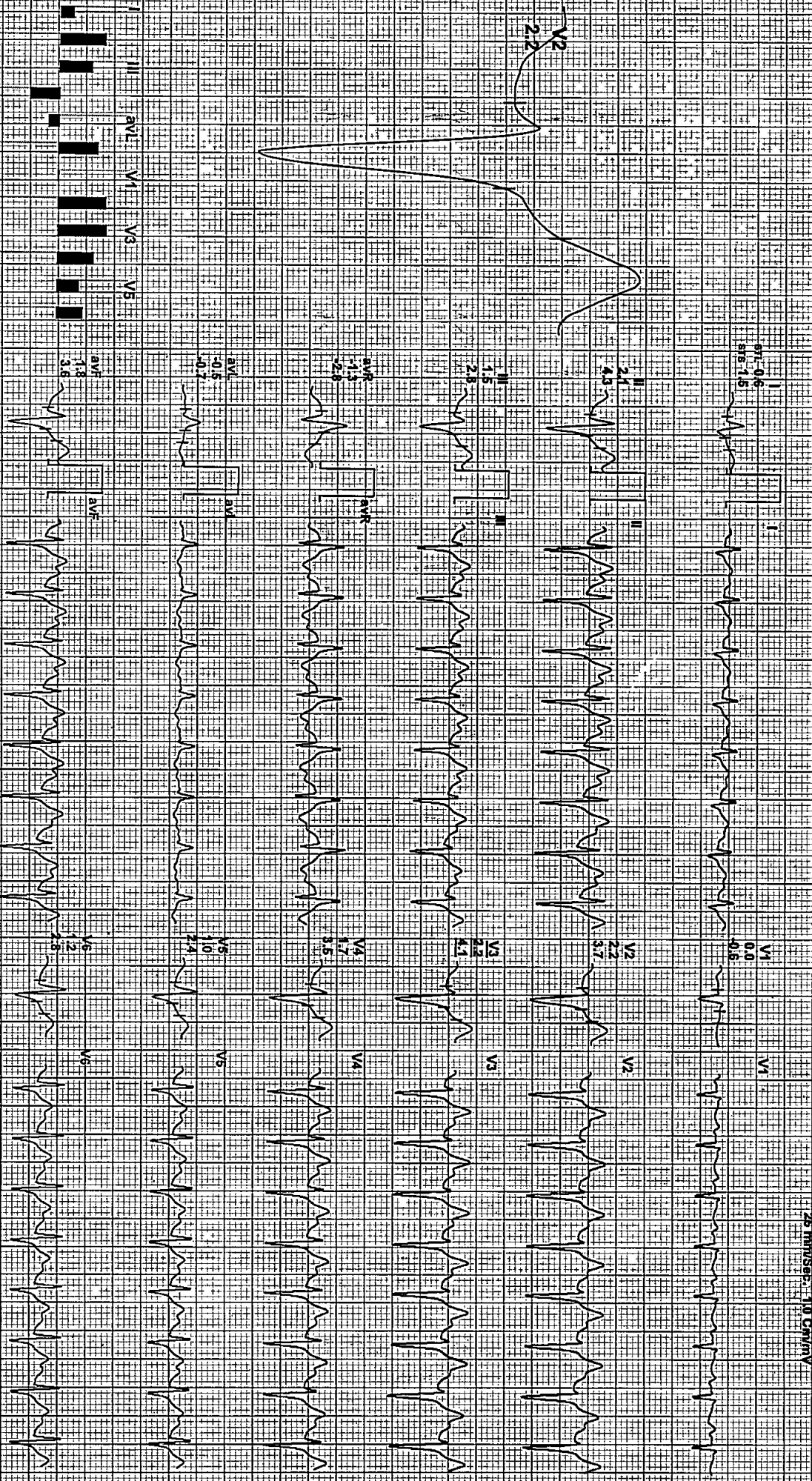






Date: 07 / 04 / 2024 10:56:03 AM METS: 1.2/ 144 bpm 89% of THR BP: 140/90 mmHg Combined Medians/ BLC On/ Notch On/ HF 0.05 Hz/LF 35 Hz

AX 50 ms Post J

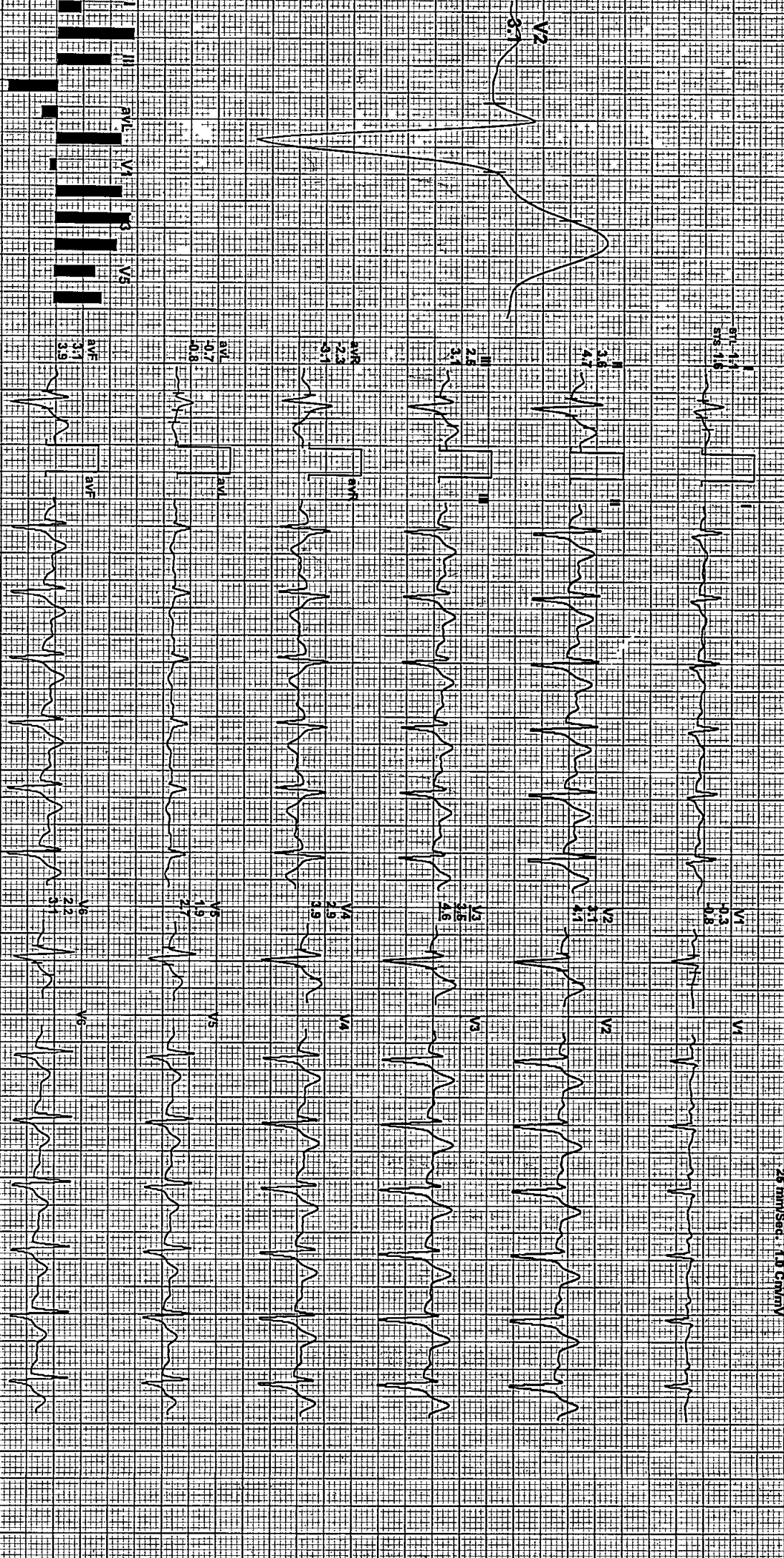


REMARKS:



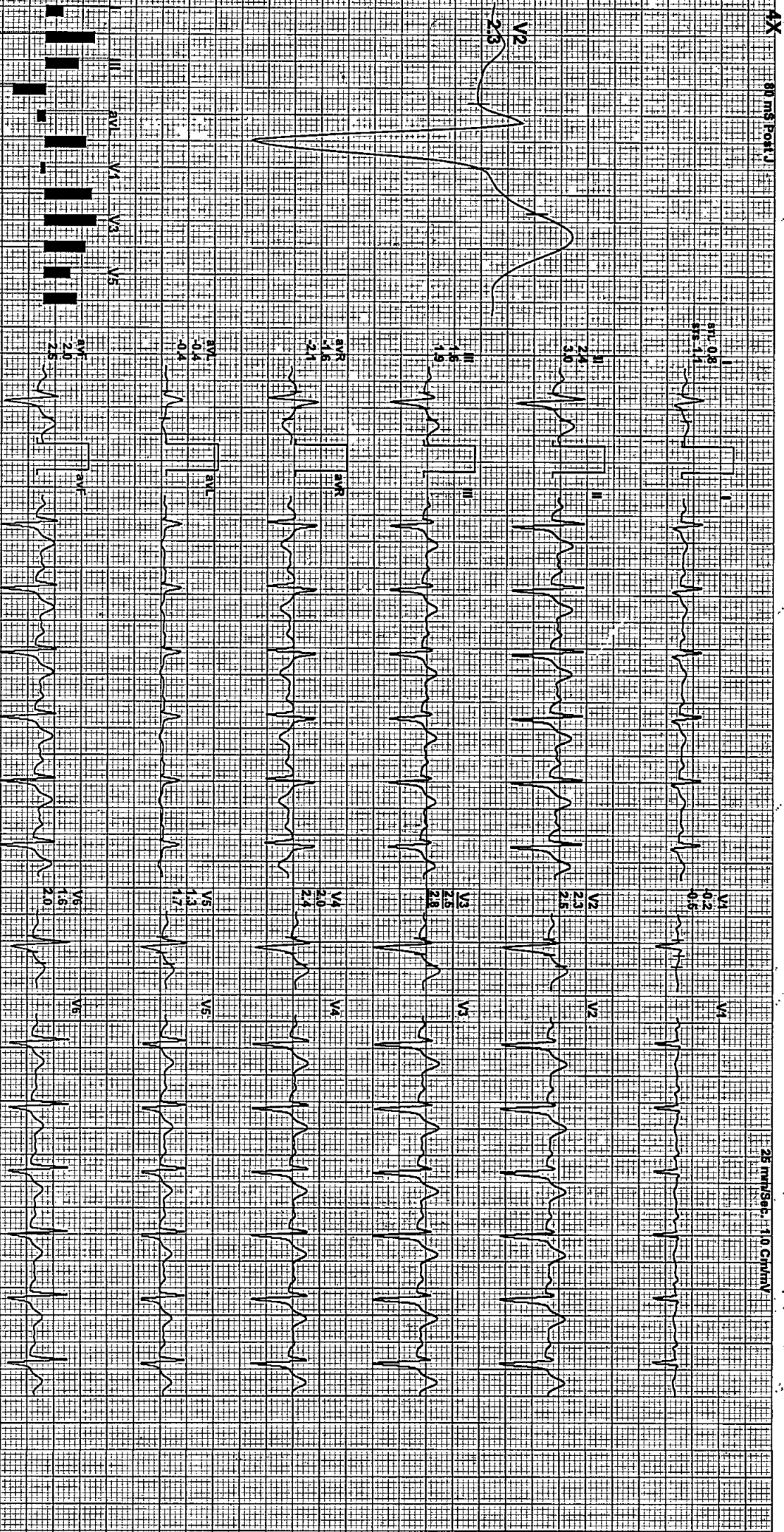
4X 70 ms Post J

Recovery(2:00)



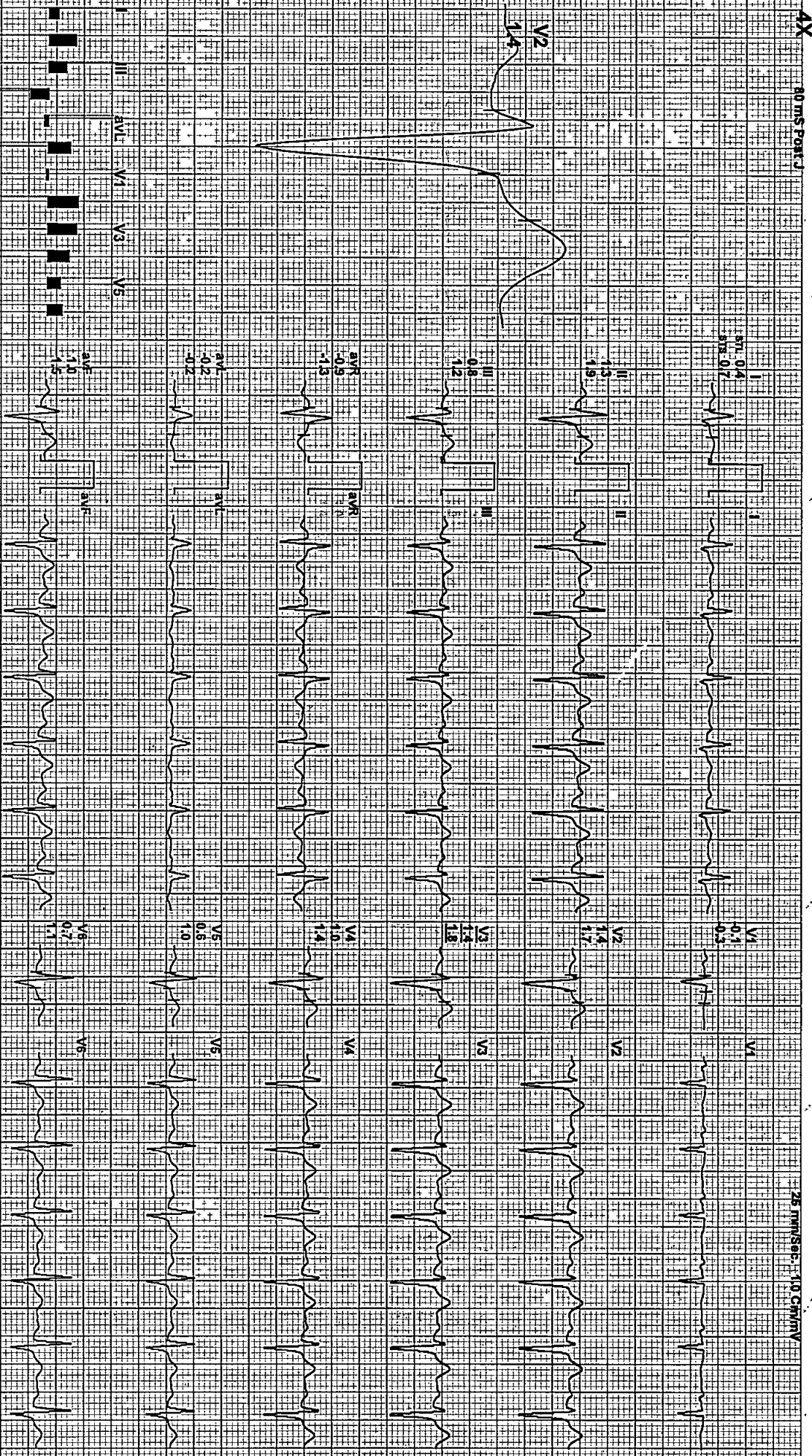
REMARKS:





REMARKS:





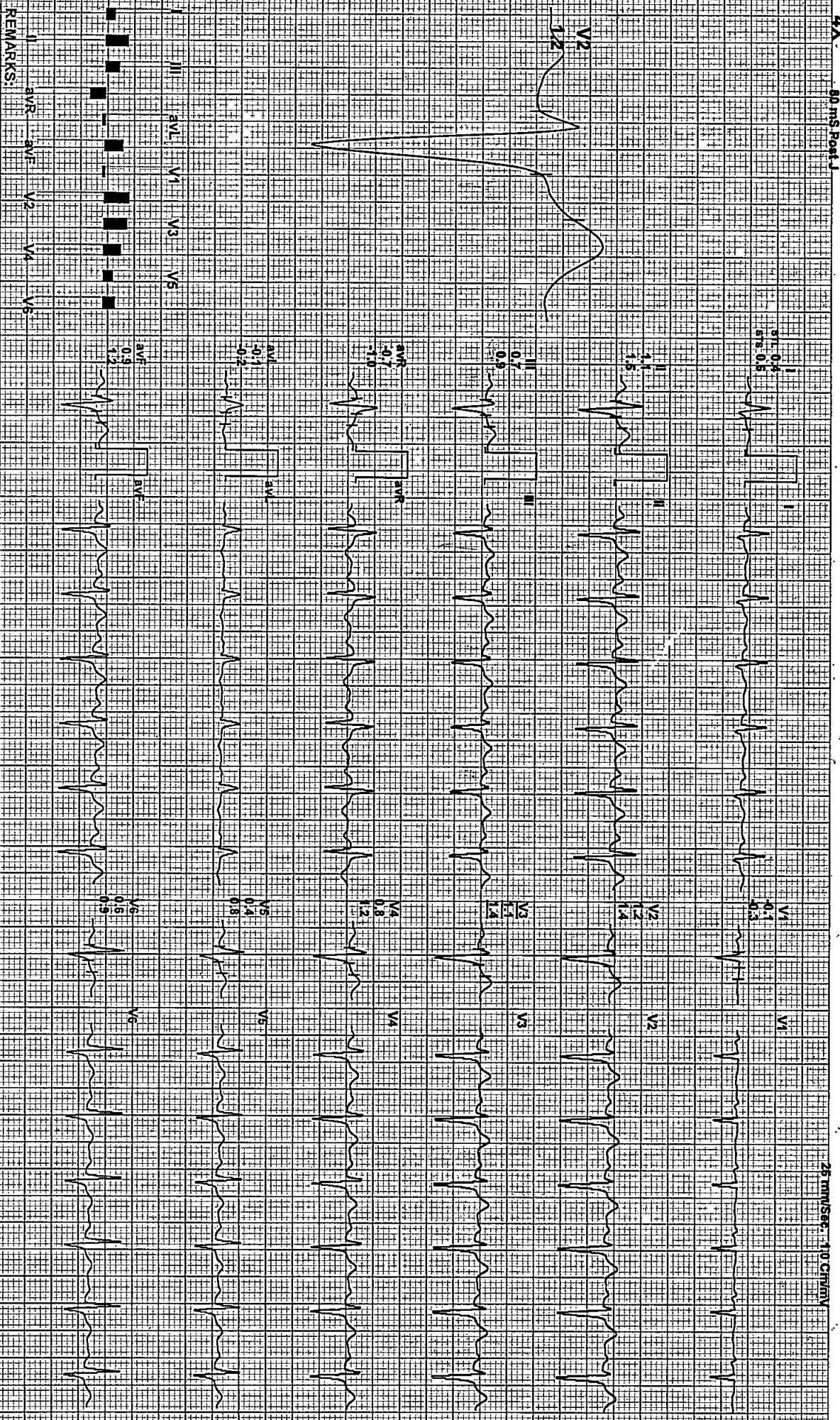
REMARKS:

AX 80ms Post J

25 mm/Sec: 10 cm/mV



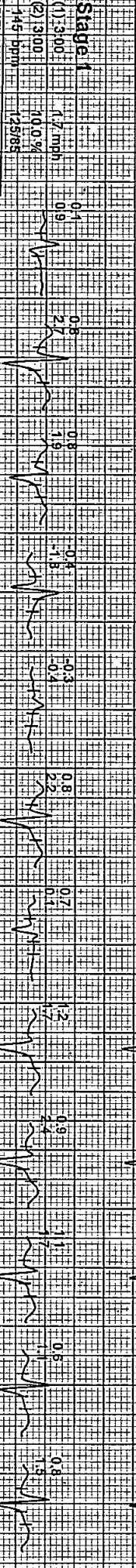
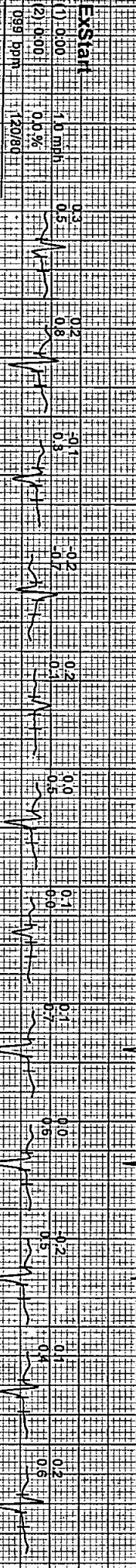
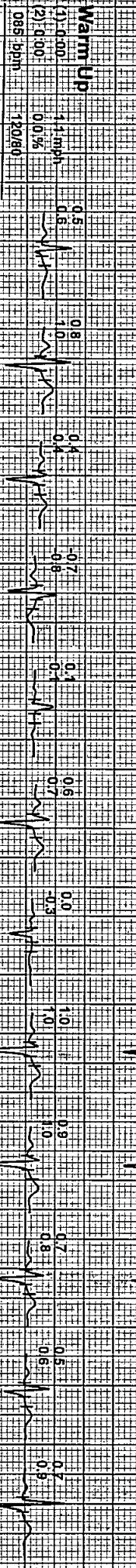
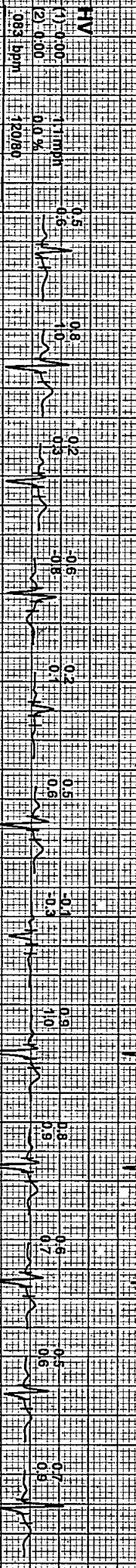
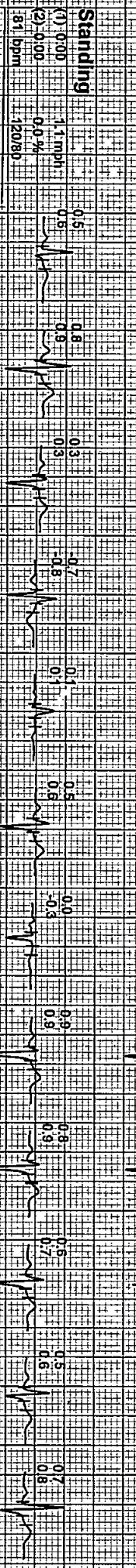
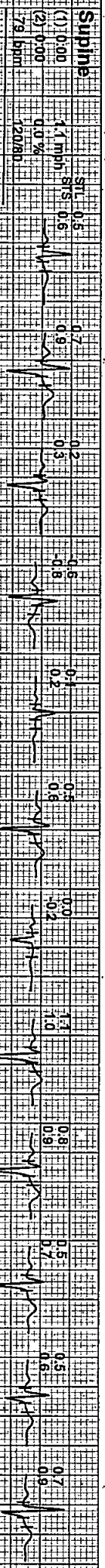




REMARKS:



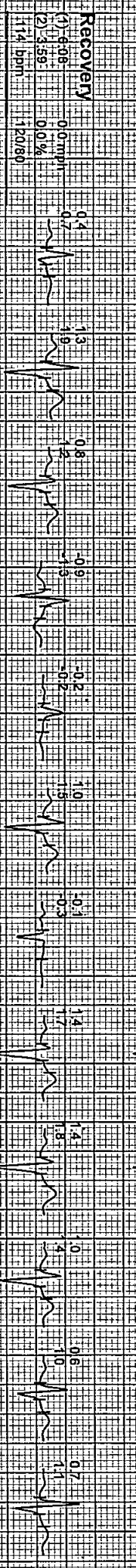
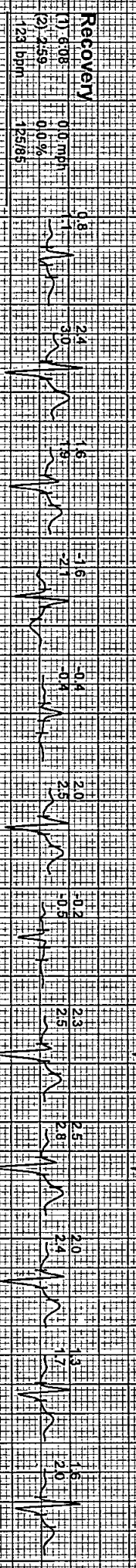
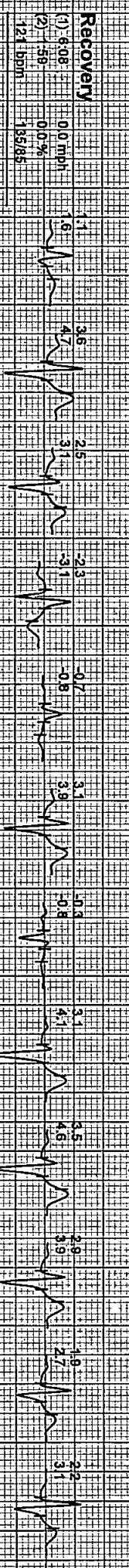
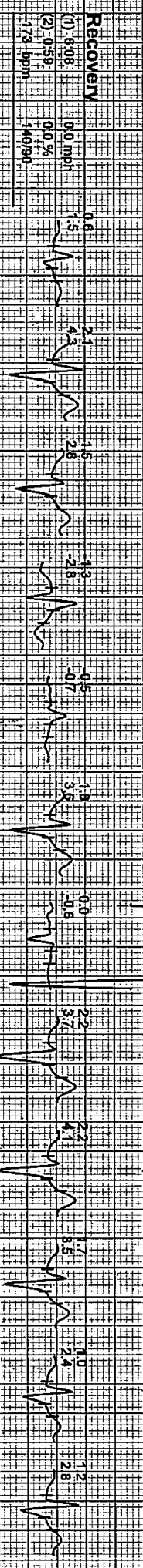
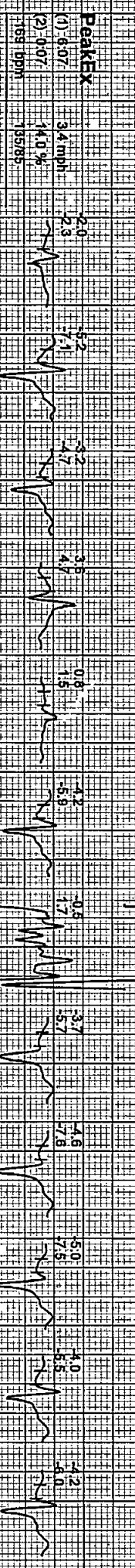
Average

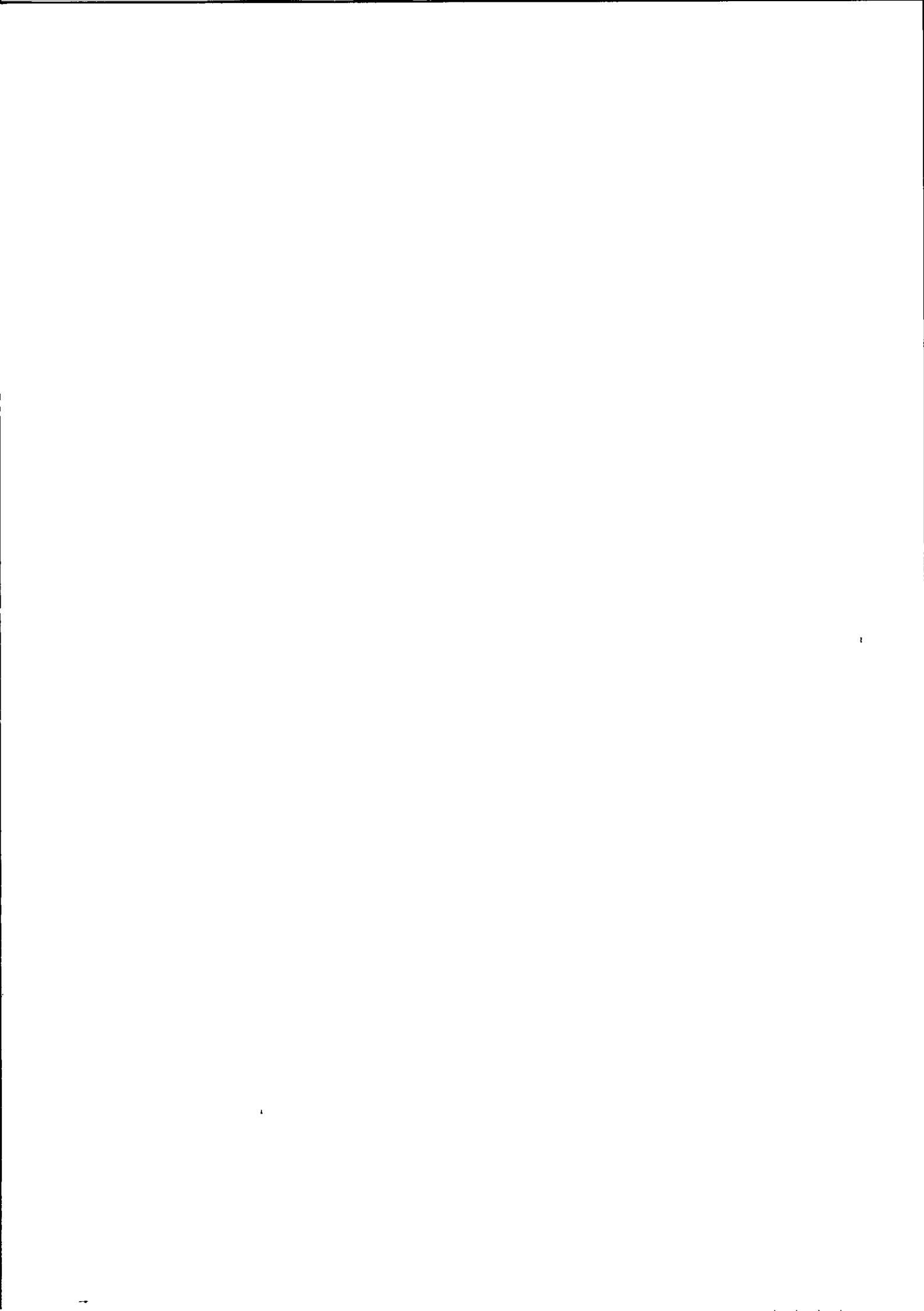






Date: 07 / 04 / 2024 10:56:03 AM I II III aVR aVL aVF V1 V2 V3 V4 V5 V6





DR. GOYALS PATH LAB & IMAGING CENTRE



1016 (113) / MR CHANDRA KISHORE SHARMA / 59 Yrs / M / 0 Cms / 0 Kg / HR : 81

Date: 07 / 04 / 2024 10:56:03 AM

I

II

III

aVR

aVL

aVF

V1

V2

V3

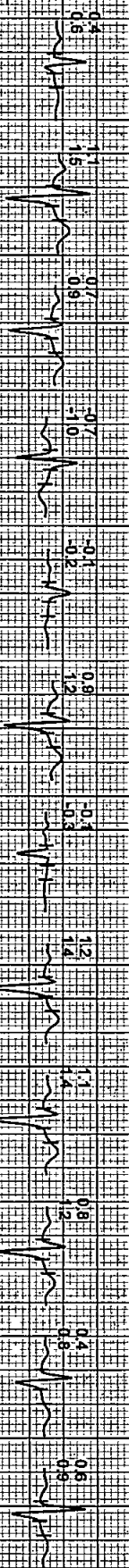
V4

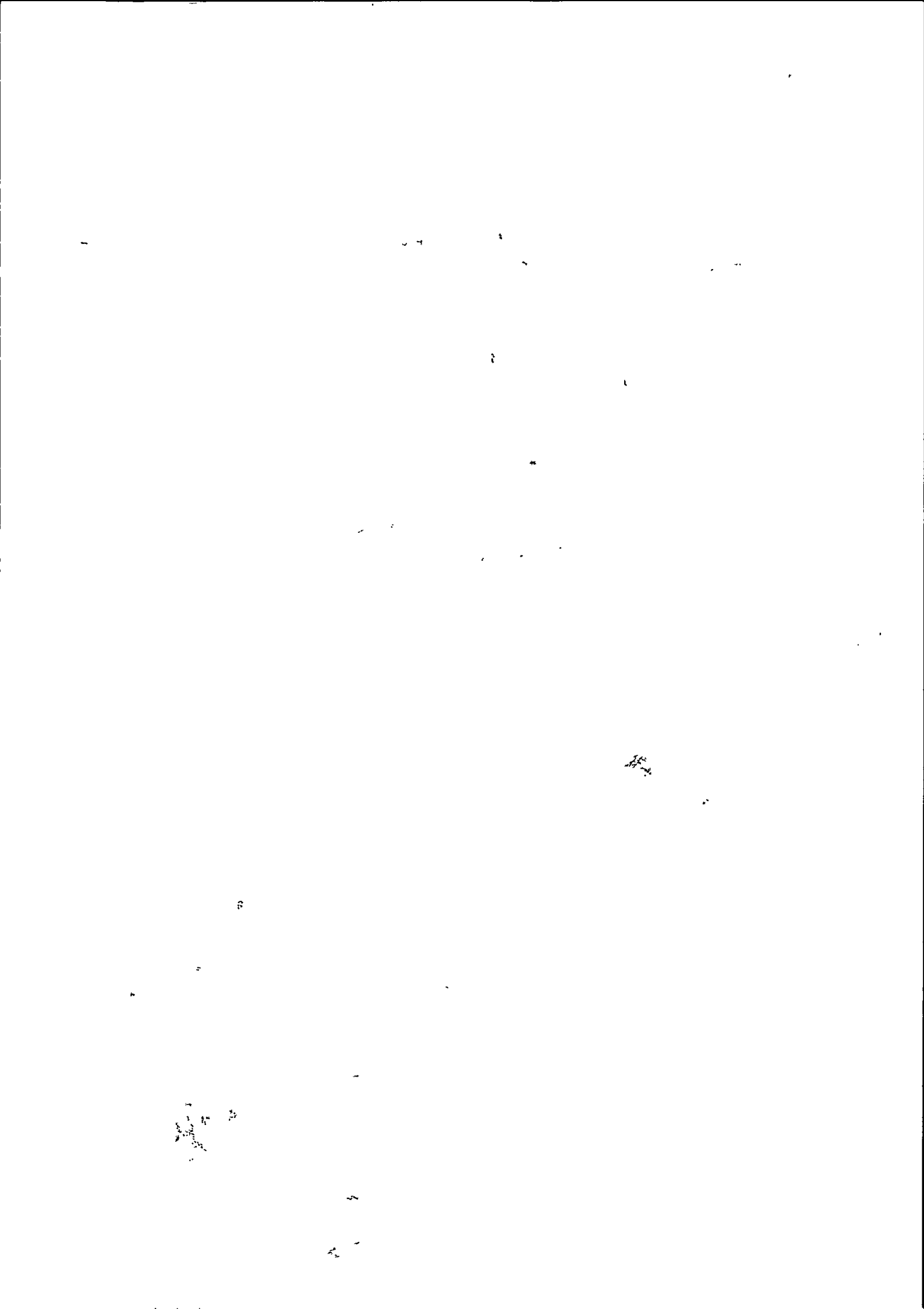
V5

V6

Recovery  
(1) 6:08 000bpm  
(2) 4:31 000%

113 bpm 120/80







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## Path Lab & Imaging Centre



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Sodala, Jaipur-302019

Tele : 0141-2293346, 4049787, 9887049787

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



Date :- 07/04/2024 08:52:56 Patient ID :- 122424817  
**NAME :- Mr. CHANDRA KISHORE SHARMA** Ref. By Dr:- BOB  
 Sex./Age :- Male 59 Yrs 4 Mon 7 Days Lab/Hosp :-  
 Company :- MediWheel

Sample Type :- EDTA Sample Collected Time 07/04/2024 08:57:43 Final Authentication : 07/04/2024 14:08:13

### HAEMATOLOGY

Test Name	Value	Unit	Biological Ref Interval
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#### BOB PACKAGE ABOVE 40MALE

<b>GLYCOSYLATED HEMOGLOBIN (HbA1C)</b> Method:- HPLC	6.7 H	%	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 plasmagucose 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

<b>MEAN PLASMA GLUCOSE</b> Method:- Calculated Parameter Method: HIT	146 H	mg/dL	Non Diabetic < 100 mg/dL Prediabetic, 100- 125 mg/dL Diabetic 126 mg/dL or Higher ADA Target: 7.0 Action suggested: > 6.5
--	-------	-------	---

Test Info

Test Info: HbA1c is a measure of the average blood glucose level over the past 2-3 months. It is formed by the irreversible bonding of glucose to the amino group of the N-terminal valine residue of the beta chain of hemoglobin (Hb). The concentration of HbA1c in the blood depends on both the lifespan of the red blood cells (RBC) and the blood glucose concentration. The HbA1c concentration represents the integrated values for glucose over the period of 6 to 8 weeks. HbA1c values are free of day to day glucose fluctuations and are unaffected by recent exercise or food ingestion. Concentration of plasma glucose concentration in HbA1c depends on the time interval, with more recent values providing a larger contribution than earlier values. The interpretation of HbA1c depends on RBC having a normal life span. Patients with hemolytic disease or other conditions with shortened RBC survival exhibit a substantial reduction of HbA1c. High HbA1c have been reported in iron deficiency anemia. HbA1c 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  
**MUKESH SINGH**  
**Technologist**

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



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Date - 07/04/2024 08:52:56 Patient ID :- 122424817  
 NAME :- Mr. CHANDRA KISHORE SHARMA Ref. By Dr:- BOB  
 Sex / Age - Male 59 Yrs 4 Mon 7 Days Lab/Hosp :-  
 Company :- MediWheel



Sample Type :- EDTA Sample Collected Time 07/04/2024 08:57:43 Final Authentication : 07/04/2024 14:08:13

## HAEMATOLOGY

Test Name	Value	Unit	Biological Ref Interval
<b>HAEMOGARAM</b>			
HAEMOGLOBIN (Hb)	11.1 L	g/dL	13.0 - 17.0
TOTAL LEUCOCYTE COUNT	7.27	/cumm	4.00 - 10.00
<b>DIFFERENTIAL LEUCOCYTE COUNT</b>			
NEUTROPHIL	63.0	%	40.0 - 80.0
LYMPHOCYTE	30.2	%	20.0 - 40.0
EOSINOPHIL	3.2	%	1.0 - 6.0
MONOCYTE	3.4	%	2.0 - 10.0
BASOPHIL	0.2	%	0.0 - 2.0
NEUT#	4.59	10 <sup>3</sup> /uL	1.50 - 7.00
LYMPH#	2.20	10 <sup>3</sup> /uL	1.00 - 3.70
EO#	0.23	10 <sup>3</sup> /uL	0.00 - 0.40
MONO#	0.24	10 <sup>3</sup> /uL	0.00 - 0.70
BASO#	0.01	10 <sup>3</sup> /uL	0.00 - 0.10
TOTAL RED BLOOD CELL COUNT (RBC)	4.04 L	x10 <sup>6</sup> /uL	4.50 - 5.50
HEMATOCRIT (HCT)	35.80 L	%	40.00 - 50.00
MEAN CORP VOLUME (MCV)	88.7	fL	83.0 - 101.0
MEAN CORP HB (MCH)	27.5	pg	27.0 - 32.0
MEAN CORP HB CONC (MCHC)	31.0 L	g/dL	31.5 - 34.5
PLATELET COUNT	129 L	x10 <sup>3</sup> /uL	150 - 410
RDW-CV	13.7	%	11.6 - 14.0
MENTZER INDEX	21.96		

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.

CV

LOF

MONOF

BASO

TOTAL RED B

HEMATOCRIT (HCT)

MEAN CORP

MEAN CORP HB

MEAN CORP HB CONC (MCHC)

PLATELET COUNT

Page No: 2 of 13

MENTZER INDEX



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.

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

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Tele : 0141-2293346, 4049787, 9887049787  
Website: www.drgoyalspathlab.com | E-mail: drgoyalpiyush@gmail.com

Date :- 07/04/2024 08:52:56 Patient ID :- 122424817  
**NAME :- Mr. CHANDRA KISHORE SHARMA** Ref. By Dr:- BOB  
 Sex / Age :- Male 59 Yrs 4 Mon 7 Days Lab/Hosp :-  
 Company :- MediWheel



Sample Type :- EDTA Sample Collected Time 07/04/2024 08:57:43 Final Authentication : 07/04/2024 14:08:13

### HAEMATOLOGY

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

Erythrocyte Sedimentation Rate (ESR) **50 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" >100 value nearly always indicates serious disease such as a serious infection, malignant paraproteinaemia  
 (CBC); Methodology: TLC, 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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**MUKESH SINGH**  
Technologist

Page No: 3 of 13



*Rashmi*

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

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 Company :- MediWheel

Sample Type :- PLAIN/SERUM Sample Collected Time 07/04/2024 08:57:43 Final Authentication : 07/04/2024 10:57:38

### BIOCHEMISTRY

Test Name	Value	Unit	Biological Ref Interval
<b>LIPID PROFILE</b>			
<b>TOTAL CHOLESTEROL</b> Method:- Enzymatic Endpoint Method	174.95	mg/dl	Desirable <200 Borderline 200-239 High > 240
<b>TRIGLYCERIDES</b> Method:- GPO-PAP	239.69 H	mg/dl	Normal <150 Borderline high 150-199 High 200-499 Very high >500
<b>DIRECT HDL CHOLESTEROL</b> Method:- Direct clearance Method	45.48	mg/dl	Low < 40 High > 60
<b>DIRECT LDL CHOLESTEROL</b> Method:- Direct clearance Method NAME :- Mr. CHANDRA KISHORE SHARMA Sex / Age :- Male 59 Yrs 4 Mon 7 Days Company :- MediWheel	89.52	mg/dl	Optimal <100 Near Optimal/above optimal 100-129 Borderline High 130-159 High 160-189 Very High > 190
<b>VLDL CHOLESTEROL</b> Method:- Calculated	47.94	mg/dl	0.00 - 80.00
<b>T. CHOLESTEROL / HDL CHOLESTEROL RATIO</b> Method:- Calculated	3.85		0.00 - 4.90
<b>LDL / HDL CHOLESTEROL RATIO</b> Method:- Calculated	1.97		0.00 - 3.50
<b>TOTAL LIPID</b> Method:- CALCULATED	654.27	mg/dl	400.00 - 1000.00
<p><b>TOTAL CHOLESTEROL</b> InstrumentName:Randox Rx Imola Interpretation: Cholesterol measurements are used in the diagnosis and treatments of lipid lipoprotein metabolism disorders.</p> <p><b>TRIGLYCERIDES</b> 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><b>DIRECT HDL CHOLESTEROL</b> 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><b>DIRECT LDL CHOLESTEROL</b> 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><b>TOTAL LIPID AND VLDL ARE CALCULATED</b> Method:- Direct Clearance Method</p>			
<b>VLDL CHOLESTEROL</b> Method:- Calculated			
<b>TOTAL CHOLESTEROL</b> Method:- Calculated			
<b>LDL CHOLESTEROL</b> Method:- Calculated			
<b>SURENDRAKHANGA</b>			
<p>Page No: 4 of 13 Instrument Name: Randox Rx Imola</p> <p>Dr. Rashmi Bakshi MBBS, MD (Path) RMC No. 17975/008828</p>			

*Rashmi*

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



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 Company :- MediWheel  
 Sample Type :- PLAIN/SERUM Sample Collected Time 07/04/2024 08:57:43 Final Authentication : 07/04/2024 10:57:38

### BIOCHEMISTRY

Test Name	Value	Unit	Biological Ref Interval
<b>LIVER PROFILE WITH GGT</b>			
SERUM BILIRUBIN (TOTAL) Method:- Colorimetric method	0.36	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	0.10	mg/dL	Adult - Up to 0.25 Newborn - <0.6 >- 1 month - <0.2
SERUM BILIRUBIN (INDIRECT) Method:- Calculated	0.26	mg/dl	0.30-0.70
SGOT Method:- IFCC	17.6	U/L	Men- Up to - 37.0 Women - Up to - 31.0
SGPT Method:- IFCC	23.3	U/L	Men- Up to - 40.0 Women - Up to - 31.0
SERUM ALKALINE PHOSPHATASE Method:- AMP Buffer	69.90	IU/L	30.00 - 120.00
SERUM GAMMA GT Method:- IFCC	107.00	U/L	11.00 - 50.00
SERUM TOTAL PROTEIN Method:- Biuret Reagent	6.80	g/dl	6.40 - 8.30
SERUM ALBUMIN Method:- Bromocresol Green	4.50	g/dl	3.80 - 5.00
SERUM GLOBULIN Method:- CALCULATION	2.30	gm/dl	2.20 - 3.50
A/G RATIO	1.96		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 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 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)

SERUM TOTAL PC  
Method: Biuret Reagent

**SURENDRAKHANGA**  
Method: Bromocresol Green

SERUM GLOBULIN  
Method: CALCULATION

Page No: 5 of 13

6.40  
3.80 - 5.00  
2.20 - 3.50  
1.30 - 2.50

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



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Sample Type :- PLAIN/SERUM Sample Collected Time 07/04/2024 08:57:43 Final Authentication : 07/04/2024 10:31:25

### IMMUNOASSAY

Test Name	Value	Unit	Biological Ref Interval
<b>TOTAL THYROID PROFILE</b>			
SERUM TOTAL T3 Method:- Chemiluminescence(Competitive immunoassay)	1.200	ng/ml	0.970 - 1.690
SERUM TOTAL T4 Method:- Chemiluminescence(Competitive immunoassay)	8.460	ug/dl	6.530 - 13.210
SERUM TSH ULTRA Method:- Enhanced Chemiluminescence Immunoassay	3.773	μIU/mL	0.350 - 5.500

**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

*[Faint, mostly illegible text, likely bleed-through from the reverse side of the page.]*

**NARENDRAKUMAR**  
Technologist

*[Signature]*  
**Dr. Rashmi Bakshi**  
MBBS, MD (Path)  
RMC No. 17975/008828

Page No: 6 of 13



INTERPRETATION  
PREGNANCY

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Sample Type :- URINE

Sample Collected Time 07/04/2024 08:57:43

Final Authentication : 07/04/2024 11:32:27

### CLINICAL PATHOLOGY

Test Name	Value	Unit	Biological Ref Interval
<b>Urine Routine</b>			
<b>PHYSICAL EXAMINATION</b>			
COLOUR	PALE YELLOW		PALE YELLOW
APPEARANCE	Clear		Clear
<b>CHEMICAL EXAMINATION</b>			
REACTION(PH)	5.5		5.0 - 7.5
Method:- Reagent Strip(Double indicator blue reaction)			
SPECIFIC GRAVITY	1.015		1.010 - 1.030
Method:- Reagent Strip(bromthymol blue)			
PROTEIN	NIL		NIL
Method:- Reagent Strip (Sulphosalicylic acid test)			
GLUCOSE	NIL	Lab/Hosp	NIL
Method:- Reagent Strip (Glu.Oxidase Peroxidase Benedict)			
BILIRUBIN	NEGATIVE		NEGATIVE
Method:- Reagent Strip (Azo-coupling reaction)			
UROBILINOGEN	NORMAL		NORMAL
Method:- Reagent Strip (Modified ehrlich reaction)			
KETONES	NEGATIVE		NEGATIVE
Method:- Reagent Strip (Sodium Nitropruside) Rothera's			
NITRITE	NEGATIVE		NEGATIVE
Method:- Reagent Strip (Diazotization reaction)			
RBC	NIL		NIL
Method:- Reagent Strip (Peroxidase like activity)			
<b>MICROSCOPY EXAMINATION</b>			
RBC/HPF	NIL	/HPF	NIL
Method:- Reagent Strip(Double indicator blue reaction)			
WBC/HPF	1-2	/HPF	2-3
EPITHELIAL CELLS	0-1	/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		NORMAL
Method:- Reagent Strip (Modified ehrlich reaction)			

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**VIJENDRAMEENA**  
 Technologist

Page No: 7 of 13

**MICROSCOPY EXAMINATION**

RBC/HPF  
 WBC



## *Conditions of Reporting*

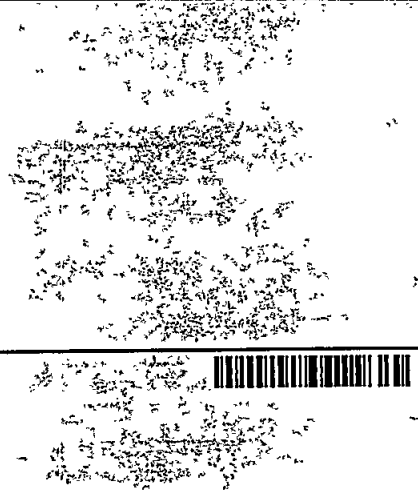
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Sample Type :- KOx/Na FLUORIDE-F, KOx/Na SALT FLUORIDE-F, URIC ACID, BLOOD SUGAR PP, BLOOD SUGAR F, BLOOD SUGAR IGT  
 Date: 07/04/2024 09:06:36

Final Authentication : 07/04/2024 13:25:25

### BIOCHEMISTRY

Test Name	Value	Unit	Biological Ref Interval
FASTING BLOOD SUGAR (Plasma) Method:- GOD PAP	111.3	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) 155.5 H 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 1.25 mg/dl Men - 0.6-1.30

Method:- Colorimetric Method

Women - 0.5-1.20

SERUM URIC ACID 7.98 H mg/dl

Method:- Enzymatic colorimetric

Men - 3.4-7.0

Women - 2.4-5.7

Test Name Biological Ref Interval

FASTING BLOOD SUGAR (Plasma)  
Method:- GOD PAP

Impaired glucose tolerance (IGT)  
Diabetes Mellitus (DM)

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)

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SERUM CREATININE

Method:- Colorimetric Method

SERUM URIC ACID

Method:- Enzymatic colorimetric

Men - 0.6-1.30

Women - 0.5-1.20

Men - 3.4-7.0

Women - 2.4-5.7

SURENDRAKHANGA

*Rashmi*

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 Lab/Hosp :-

Sample Type :- EDTA, URINE

Sample Collected Time 07/04/2024 08:57:43

Final Authentication : 07/04/2024 14:08:13

### 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

Date :- 07/04/2024 08:52:56  
**NAME :- Mr. CHANDRA KISHORE SHARMA**  
 Sex / Age :- Male :- 59 Yrs. 4 Mon 7 Days  
 Company :- MediWheel

Sample Type :- EDTA URINE

Sample Collected Time 07/04/2024 08:57:43

Final Authentication : 07/04/2024 14:08:13

### 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

MUKESH SINGH, VIJENDRAMEENA  
 Technologist

Page No: 11 of 13



*Rashmi Bakshi*

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

## *Conditions of Reporting*

1. Individual laboratory investigations are never conclusive but should be used along with other relevant clinical examination to achieve final diagnosis. The result of a laboratory investigation are dependent on the quality of the sample as well as the assay procedures used.
2. The reported results are for information and for interpretation of the referring doctor only.
3. Results of tests may vary from laboratory to laboratory and also in some parameters time to time for the same patient.
4. In case of collected specimen [S], which are referred to **Dr. GOYALS PATH LAB AND IMAGING CENTRE** from referral center, it is presumed that patient demographic are verified and confirmed at the point of generation of the said specimen [s].
5. Any query from the referring doctor with reference to this report should be directed to **Dr. GOYALS PATH LAB AND IMAGING CENTRE** Jaipur between -2:00 P.M. to 5:00 P.M. on Phone : 0141-4049787,9887049787
6. This report is not valid for any medico -legal purposes.

# Dr. Goyal's

## Path Lab & Imaging Centre

B-51, Ganesh Nagar, Near Metro Pillar No. 109-110, New Sanganer Road,  
Sodala, Jaipur-302019

Tele : 0141-2293346, 4049787, 9887049787

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



Date : 07/04/2024 08:52:56 Patient ID :-122424817  
NAME :- Mr. CHANDRA KISHORE SHARMA Ref. By Dr:- BOB  
Sex / Age :- Male , 59 Yrs 4 Mon 7 Days Lab/Hosp :-  
Company :- MediWheel

Sample Type :- PLAIN/SERUM

Sample Collected Time 07/04/2024 08:57:43

Final Authentication : 07/04/2024 10:57:38

### BIOCHEMISTRY

Test Name	Value	Unit	Biological Ref Interval
BLOOD UREA NITROGEN (BUN)	9.1	mg/dl	0.0 - 23.0

Date : 07/04/2024 08:52:56

NAME :- Mr. CHANDRA KISHORE SHARMA

Sex / Age :- Male , 59 Yrs 4 Mon 7 Days

Company :- MediWheel

Sample Type :- PLAIN/SERUM

Value Unit

Biological Ref Interval

BLOOD UREA NITROGEN (BUN)

SURENDRAKHANGA

Page No: 12 of 13



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

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Date : 07/04/2024 08:52:56 Patient ID :-122424817  
**NAME :- Mr. CHANDRA KISHORE SHARMA** Ref. By Dr:- BOB  
 Sex/Age :- Male 59 Yrs 4 Mon 7 Days Lab/Hosp :-  
 Company :- MediWheel



Sample Type :- PLAIN/SERUM Sample Collected Time 07/04/2024 08:57:43 Final Authentication : 07/04/2024 10:31:25

### IMMUNOASSAY

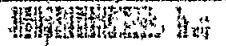
Test Name	Value	Unit	Biological Ref Interval
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TOTAL PSA Method:- Chemiluminescence	0.312	ng/ml	0.000 - 4.000
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**InstrumentName:** VITROS ECI **Interpretation :** Elevated serum PSA concentrations are 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.

Date : 07/04/2024 08:52:56  
**NAME :- Mr. CHANDRA KISHORE SHARMA**  
 Sex/Age :- Male 59 Yrs 4 Mon 7 Days  
 Company :- MediWheel

\*\*\* End of Report \*\*\*



07/04/2024

Test Name	Biological Ref Int
-----------	--------------------

TOTAL PSA Method:- Chemiluminescence	0.000 - 4.000
---	---------------

**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 \*\*\*

**NARENDRAKUMAR**  
Technologist

Page No: 13 of 13



*Rashmi*

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

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



Date :- 07/04/2024 08:52:56

NAME :- Mr. CHANDRA KISHORE SHARMA

Sex / Age :- Male 59 Yrs 4 Mon 7 Days

Company :- MediWheel

Patient ID :- 122424817

Ref. By. Doctor :- BOB

Lab/Hosp :-

Final Authentication : 07/04/2024 12:16:53

BOB PACKAGE ABOVE 40MALE

### X RAY CHEST PA VIEW:

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.  
Heart shadows appear normal.

Impression :- Normal Study

(Please correlate clinically and with relevant further investigations)



DR ABHISHEK JAIN  
MBBS, DNB. (RADIO DIAGNOSIS)  
RMC NO. 21687

\*\*\* End of Report \*\*\*

**FORM B**

[See Rules 6(2), 6(5) and 8(2)]

**CERTIFICATE OF REGISTRATION**  
(To be issued in duplicate)

1. In exercise of the powers conferred under Section 19 (1) of the Pre-natal Diagnostic Techniques (Regulation and Prevention of Misuse) Act, 1994 (57 of 1994), **Appropriate Authority, Dist. - Jaipur** I hereby grants registration to the Genetic Counselling Centre\*/Genetic Laboratory\*/Genetic Clinic\*/Ultrasound Clinic\*/Imaging Centre\* named below for purposes of carrying out Genetic Counselling/Pre-natal Diagnostic Procedures\*/Pre-natal Diagnostic Tests/ultrasonography under the aforesaid Act for a period of five years ending on **14/08/2025**

2. This registration is granted subject to the aforesaid Act and Rules thereunder and any contravention thereof shall result in suspension or cancellation of this Certificate of Registration before the expiry of the said period of five years apart from prosecution.

- A. Name and address of the Genetic Counselling **Dr.goyal's Path. Lab & Imaging Center, B-Centre\*/ Genetic Laboratory\*/ Genetic 51 Ganesh Nagar Oppsite Janpat Clinic\*/Ultrasound Clinic\*/ Imaging Centre\*. Corner,new Sanganeer Road,302019**

- B. Pre-natal diagnostic procedures\* approved for(Genetic Clinic).

Non-Invasive

**Ultrasound**

Invasive

- C. Pre-natal diagnostic tests\* approved (for Genetic Laboratory): **Biochemical Studies**

- D. Any other purpose (please specify)

3. Model and make of equipments being used (any change is to be intimated to the Appropriate Authority under rule 13).

Equipment Name	Model No	Serial No	Manufacturer Name	Machine Type
Wipro GE	Voluson E10	E61906	Wipro GE	New
Wipro GE	Vivid T8	605771WXO	Wipro GE	New
Wipro GE	Voluson E6 BT21	E19168	Wipro GE	New
Siemens	Magnetom Verio 3TMRI	40129	Siemens	New

4. Registration No. allotted **61**

5. Period of validity of earlier Certificate of Registration. **From 15/08/2020 To 14/08/2025**  
(For renewed Certificate of Registration only)

Date: **06.02.2024**Place: **Jaipur**

Signature, Name and Designation of  
Appropriate Authority with SEAL of Office.

SEAL

DISPLAY ONE COPY OF THIS CERTIFICATE AT A CONSPICUOUS PLACE AT THE PLACE OF BUSINESS

**\*Strike out whichever is not applicable or necessary.**



# Dr. Goyal's

## Path Lab & Imaging Centre

B-51, Ganesh Nagar, Near Metro Pillar No. 109-110, New Sanganer Road, Jaipur  
Tele : 0141-2293346, 4049787, 9887049787  
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Date :- 07/04/2024 08:52:56

NAME :- Mr. CHANDRA KISHORE SHARMA

Sex / Age :- Male 59 Yrs 4 Mon 7 Days

Company :- MediWheel

Patient ID :- 122424817

Ref. By Doctor:-BOB

Lab/Hosp :-

Final Authentication : 07/04/2024 12:01:37

BOB PACKAGE ABOVE 40MALE

### USG WHOLE ABDOMEN

Liver is mildly enlarged in size (~15.8cm). 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. 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.

Prostate is normal in size (~24cc) with normal echo-texture and outline. No significant free fluid is seen in peritoneal cavity.

#### IMPRESSION:

\* Mild hepatomegaly with grade I fatty changes.

*Needs clinical correlation.*

\*\*\* End of Report \*\*\*

Page No: 1 of 1

BILAL

Transcript by.

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

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

Dr. Navneet Agarwal  
MD, DNB (Radio Diagnosis)  
RMC No. 33613/14913

Dr. Poorvi Malik  
MBBS, MD, DNB (Radio Diagnosis)  
RMC No. 21505

**FORM B**

[See Rules 6(2), 6(5) and 8(2)]

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**Ultrasound**

Invasive

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Date: **06.02.2024**Place: **Jaipur**

Signature, Name and Designation of  
Appropriate Authority with SEAL of Office.

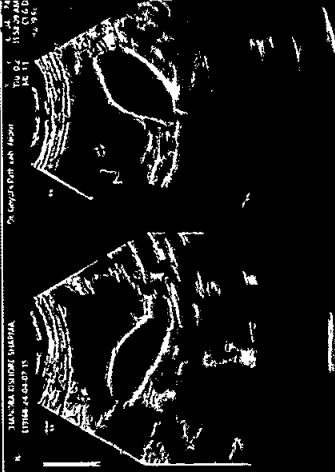
SEAL

DISPLAY ONE COPY OF THIS CERTIFICATE AT A CONSPICUOUS PLACE AT THE PLACE OF BUSINESS

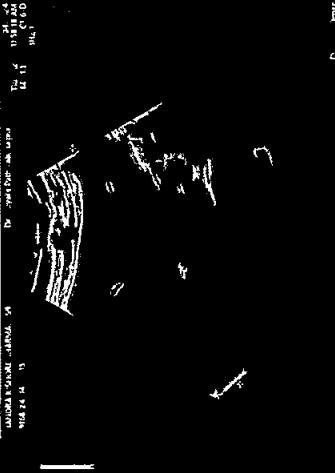
**\*Strike out whichever is not applicable or necessary.**



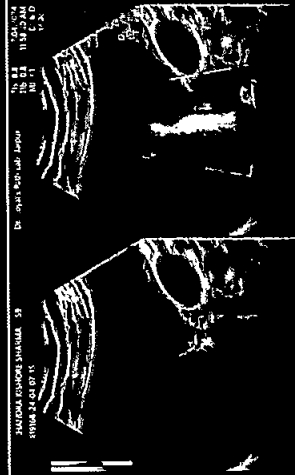
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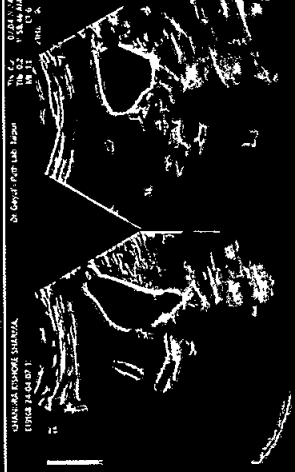
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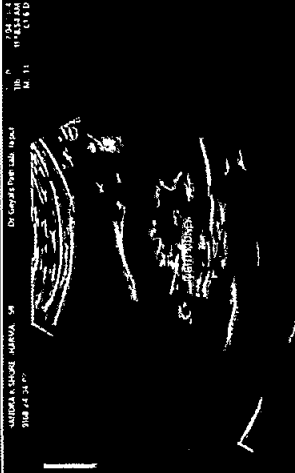
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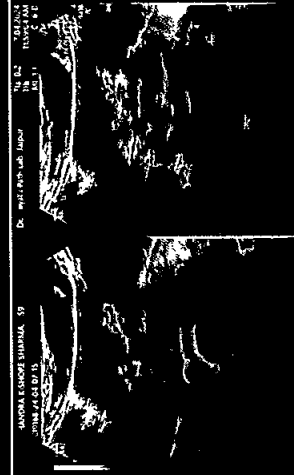
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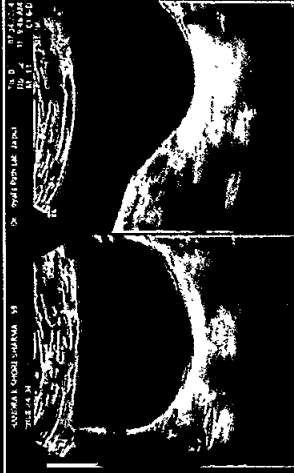
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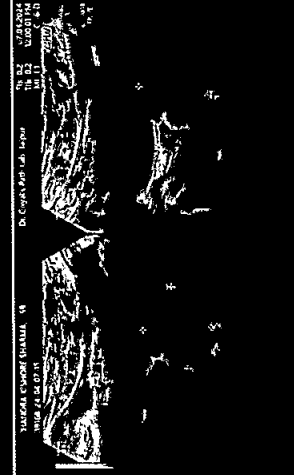
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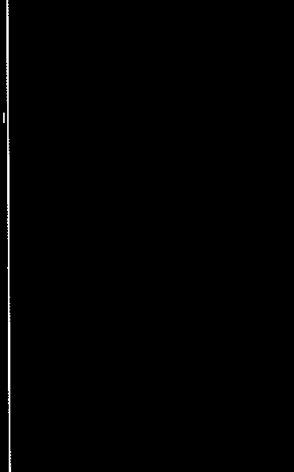
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