



**ZENA**  
Healthcare Services  
Professional | Accuracy | Precision

Professional Accuracy Precision

Regd. No. : 1834

# ZENA HEALTHCARE SERVICES

(A Unit of Zena Enterprises)

**Patient Name :** MR. FAKAN BEHERA

**Age / Gender :** 40 years / Male

**Patient ID :** 20871

**Referral :** MEDI WHEEL

**Collection Time :** 13/04/2024, 12:21 PM

**Reporting Time :** 14/04/2024, 02:05 PM

**Sample ID :**



23864

Test Description	Value(s)	Reference Range	Unit
<b><u>Urine(R/M) Routine Examination of Urine</u></b>			
<b><u>General Examination</u></b>			
Colour	PALE YELLOW	Pale Yellow	
Transparency (Appearance)	CLEAR	Clear	
Deposit	Absent	Absent	
Reaction (pH)	Acidic 6.0	4.5 - 7.0	
Specific gravity	1.010	1.005 - 1.030	
<b><u>Chemical Examination</u></b>			
Urine Protein (Albumin)	Absent	Absent	
Urine Glucose (Sugar)	Absent	Absent	
<b><u>Microscopic Examination</u></b>			
Red blood cells	Absent	0-4	/hpf
Pus cells (WBCs)	1 - 2 /HPF	0-9	/hpf
Epithelial cells	2 - 3 /HPF	0-4	/hpf
Crystals	Absent	Absent	
Cast	Absent	Absent	
Bacteria	Absent	Absent	

\*\*END OF REPORT\*\*

  
Lab technician

  
Dr. Kundan Kumar Sahoo  
CONSULTANT PATHOLOGIST /  
MICROBIOLOGIST

For Home Collection Please Call at Number :

**Zena Healthcare Services**  
Plot No. 119, Opp. Water tank Lane, Near Police Phandi, Saheed Nagar, Bhubaneswar-07  
Ph. : 0674-2549902, 9692276908, 8337964922, E-mail : zenahealthcare@gmail.com  
Website : [www.zenacare.in](http://www.zenacare.in)

Wishing Good Health





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**Collection Time :** 13/04/2024, 12:21 PM

**Reporting Time :** 14/04/2024, 02:07 PM

**Sample ID :**



23864

Test Description	Value(s)	Reference Range	Unit
<b>LFT, Liver Function Test</b>			
Bilirubin - Total Method : Serum, Jendrassik Grof	0.82	0.00 - 1.00	mg/dL
Bilirubin - Direct Method : Serum, Diazotization	0.18	0.00 - 0.20	mg/dL
Bilirubin - Indirect Method : Serum, Calculated	0.64	0.10 - 0.80	mg/dL
SGOT Method : Serum, UV with P5P, IFCC 37 degree	21.65	8 - 33	U/L
SGPT Method : Serum, UV with P5P, IFCC 37 degree	28.92	3 - 35	U/L
GGT-Gamma Glutamyl Transpeptidase Method : Serum, G-glutamyl-carboxy-nitroanilide	7.27	< 55	U/L
Alkaline Phosphatase Method : PNPP-AMP Buffer/Kinetic	87.54	53-128	U/L
Total Protein Method : Serum, Biuret, reagent blank end point	7.32	6.60 - 8.70	g/dL
Albumin Method : Serum, Bromocresol green	4.12	3.50 - 5.30	g/dL
Globulin Method : Serum, EIA	3.20	2.00-3.50	g/dL
A/G Ratio Method : Serum, EIA	1.29	1.2 - 2.2	

\*\*END OF REPORT\*\*

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**Collection Time :** 13/04/2024, 12:21 PM

**Reporting Time :** 14/04/2024, 02:08 PM

**Sample ID :**



23864

Test Description	Value(s)	Reference Range	Unit
<b>Lipid Profile</b>			
Cholesterol-Total Method : Spectrophotometry	180.40	Desirable level   < 200 Borderline High   200-239 High   >or = 240	mg/dL
Triglycerides Method : Serum, Enzymatic, endpoint	129.96	Normal: < 150 Borderline High: 150-199 High: 200-499 Very High: >= 500	mg/dL
HDL Cholesterol Method : Serum, Direct measure-PEG	45.1	Normal: > 40 Major Risk for Heart: < 40	mg/dL
LDL Cholesterol Method : Enzymatic selective protection	109.31	Optimal < 100 Near / Above Optimal 100-129 Borderline High 130-159 High 160-189 Very High >or = 190	mg/dL
VLDL Cholesterol Method : Serum, Enzymatic	25.99	6 - 38	mg/dL
CHOL/HDL Ratio Method : Serum, Enzymatic	4	3.5 - 5.0	
LDL/HDL Ratio Method : Serum, Enzymatic	2.42	2.5 - 3.5	

**Note:**

8-10 hours fasting sample is required.

\*\*END OF REPORT\*\*

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**Collection Time :** 13/04/2024, 12:21 PM

**Reporting Time :** 14/04/2024, 02:14 PM

**Sample ID :**



23864

Test Description	Value(s)	Reference Range	Unit
<b>Complete Blood Count</b>			
Hemoglobin (Hb)	14.2	13.5 - 18.0	gm/dL
Erythrocyte (RBC) Count	5.23	4.7 - 6.0	mil/cu.mm
Packed Cell Volume (PCV)	44.9	42 - 52	%
Mean Cell Volume (MCV)	85.85	78 - 100	fL
Mean Cell Haemoglobin (MCH)	27.15	27 - 31	pg
Mean Corpuscular Hb Conc. (MCHC)	<b>31.63</b>	32 - 36	g/dL
Red Cell Distribution Width (RDW)	12.6	11.5 - 14.0	%
Total Leucocytes (WBC) Count	7200	4000-10000	cell/cu.mm
Neutrophils	63	40 - 80	%
Lymphocytes	33	20 - 40	%
Monocytes	03	2 - 10	%
Eosinophils	01	1 - 6	%
Basophils	<b>00</b>	1-2	%
Platelet Count	263	150 - 450	10 <sup>3</sup> /ul
Mean Platelet Volume (MPV)	9.3	7.2 - 11.7	fL
PCT	0.24	0.2 - 0.5	%
PDW	<b>19.2</b>	9.0 - 17.0	%

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**Age / Gender :** 40 years / Male  
**Patient ID :** 20871

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**Collection Time :** 13/04/2024, 12:21 PM  
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**Sample ID :**   
23864

Test Description	Value(s)	Reference Range	Unit
<b>Glucose, Fasting (FBS)</b>			
Glucose fasting Method : Fluoride Plasma-F, Hexokinase	111.77	75 - 115	mg/dL
<b>Glucose, Post Prandial (PP)</b>			
Blood Glucose-Post Prandial Method : Hexokinase	125.63	70 - 140	mg/dL
<b>HbA1c, Glycosylated Hemoglobin</b>			
<b>HbA1c (GLYCOSYLATED HEMOGLOBIN), BLOOD</b> Method : (HPLC, NGSP certified)	5.48		%
Estimated Average Glucose :	110.58	-	mg/dL

**Interpretation**

As per American Diabetes Association (ADA)	
Reference Group	HbA1c in %
Non diabetic adults >=18 years	<5.7
At risk (Prediabetes)	5.7 - 6.4
Diagnosing Diabetes	>= 6.5
Therapeutic goals for glycemic control	Age > 19 years Goal of therapy: < 7.0 Action suggested: > 8.0 Age < 19 years Goal of therapy: <7.5

**Note:**

- Since HbA1c reflects long term fluctuations in the blood glucose concentration, a diabetic patient who is recently under good control may still have a high concentration of HbA1c. Converse is true for a diabetic previously under good control but now poorly controlled .
- Target goals of < 7.0 % may be beneficial in patients with short duration of diabetes, long life expectancy and no significant cardiovascular disease. In patients with significant complications of diabetes, limited life expectancy or extensive co-morbid conditions, targeting a goal of < 7.0 % may not be appropriate.

**Comments**

HbA1c provides an index of average blood glucose levels over the past 8 - 12 weeks and is a much better indicator of long term glycemic control as compared to blood and urinary glucose determinations.

**ADA criteria for correlation between HbA1c & Mean plasma glucose levels.**

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**Sample ID :**



Test Description	Value(s)	Reference Range	Unit
HbA1c(%)	Mean Plasma Glucose (mg/dL)		
6	126		
7	154		
8	183		
9	212		
10	240		
11	269		
12	298		

\*\*END OF REPORT\*\*

Lab technician

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**Reporting Time :** 14/04/2024, 02:02 PM

**Sample ID :**



Test Description	Value(s)	Reference Range	Unit
<b><u>Creatinine</u></b>			
Creatinine Method : Serum, Jaffe	0.87	0.60 - 1.30	mg/dL
<b><u>Uric acid, Serum</u></b>			
Uric Acid Method : Uricase, Colorimetric	4.25	3.4 - 7.0	mg/dL
<b><u>BUN, Serum</u></b>			
BUN-Blood Urea Nitroge Method : Serum, Urease	12	10 - 50	mg/dL
<b><u>Blood Group ABO &amp; Rh Typing, Blood</u></b>			
Blood Group (ABO typing) Method : Manual-Hemagglutination	"B"		
RhD Factor (Rh Typing) Method : Manual hemagglutination	Positive		
<b><u>ESR, Erythrocyte Sedimentation Rate</u></b>			
<b>ESR - Erythrocyte Sedimentation Rate</b> Method : EDTA Whole Blood, Manual Westergren	14	0 - 15	mm/hr
<b>Interpretation:</b>			
<ul style="list-style-type: none"> <li>• It indicates presence and intensity of an inflammatory process. It does not diagnose a specific disease. Changes in the ESR are more significant than the abnormal results of a single test.</li> <li>• It is a prognostic test and used to monitor the course or response to treatment of diseases like tuberculosis, bacterial endocarditis, acute rheumatic fever, rheumatoid arthritis, SLE, Hodgkins disease, temporal arteritis and polymyalgia rheumatica.</li> <li>• It is also increased in pregnancy, multiple myeloma, menstruation, and hypothyroidism.</li> </ul>			

\*\*END OF REPORT\*\*

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# MATERNITY CARE HOSPITAL

NAME : FAKAN BEHERA

DATE : 13-04-2024

AGE-40Y/M

SONOGRAPHER : DR. PARUL PATI

## USG OF WHOLE ABDOMEN

**LIVER:** Normal in size, shape and parenchymal echotexture. No. SOL seen. Intrahepatic biliary channels normal in caliber and contains no echogenic structure. Portal and hepatic vascular systems within normal limits. P. V. measures 8.0 mm, liver.

**GALL BLADDER:** normal in shape and size no sol, no calculi seen.

**C.B.D.:** Common bile duct normal in calibre (3.1 mms).

**SPLEEN :** Normal in size, shape and parenchymal echotexture.

**PANCREAS:** Normal in size, shape and parenchymal echotexture. Pancreatic duct not dilated.

**KIDNEYS:** Both the kidneys are normal in size, shape and position. Renal cortical echotexture is within normal limits. Cortico medullary differentiation maintained. No evidence of any calculus or hydronephrosis on both sides. Pelvi-calyceal systems appear normal. No focal lesion seen.

- Right kidney measures :8.9 x 5.3cms.
- Left kidney measures: 8.8 x 5.5cms.

**URETERS:** Both ureters not visualized (normal).

**URINARY BLADDER:** Symmetrical and normal in outline. Lumen clear. Walls normal in thickness

**Prostate:** normal in size shape and echo structure .

**Impression:** Normal study of abdomen

*Parul pati*  
**DR. PARUL PATI (O&G MD)**  
Regd. No: 5569  
**MATERNITY CARE HOSPITAL & IVF CENTRE**  
A-142/A-143, Sahid Nagar, Bhubaneswar



**CARDIOPRINT**

ID: 1983 CASE:   
AGE: 40Y M D   
Cms K9

FAKAN BEHERA   
MALE

13/04/2024 11:37:16   
ZENA HEALTHCARE   
PLOT-119, SAHIDNAGAR, BHUBANESWAR

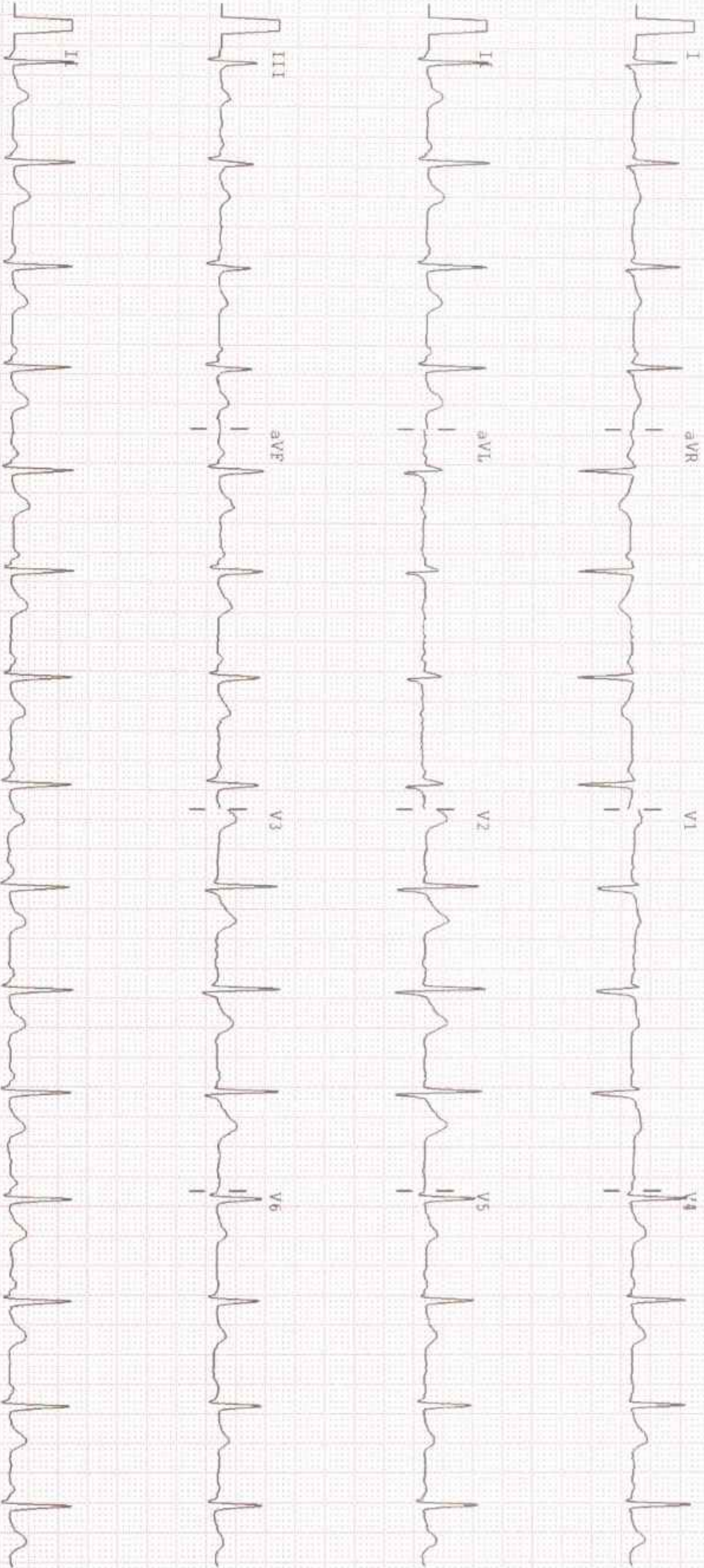
RATE : 88 bpm SINUS RHYTHM   
R-R : 678 ms   
P-R : 120 ms   
QRS : 82 ms   
QT : 372 ms   
QTc : 421 ms

---AXIS---   
P : 75°   
QRS : 59°   
T : 70°   
NORMAL ECG

12 SL. REPORT FORMAT: 3x4+1L SQ

REF:

Dr:



25mm/sec 10mm/mV Notch: ON

BLC: ON

0.05-35Hz

ALLENGERS PISCES 1012(VER-1.9) CLINICALLY CORRELATE THE FINDINGS





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**ZENA HEALTHCARE SERVICES**

(A Unit of Zena Enterprises)

**NAME:-FAKAN BEHERA**  
**AGE:-40YRS**  
**Patient ID:-9**

**REFERRAL:-MEDI-WHEEL**  
**DATE:-13.04.2024**  
**SEX:-MALE**

**CHEST X-RAY PA VEIW SHOWS.**

- **Both side lung fields are clear.**
- **Trachea within normal limit.**
- **Both costophrenic cardiophrenic angle are clear.**
- **Cardiac shadow within normal limit.**
- **Media stinum in position**

**IMPRESSION:-NORMAL STUDY.**

*B. Pradhan*

**Dr. Bhagaban Pradhan**  
**M.D. (Radio diagnosis)**  
**Consultant Radiologist**

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962 / FAKAN BEHERA / 40 Yrs / M / 173 Cms / 91 Kg Date: 13-Apr-2024 Refd By : MEDI-WHEEL Examined By:

Stage	Time	Duration	Speed(mph)	Elevation	MEts	Rate	%THR	BP	RPP	PVC	Comments
Supine	00:17	0:17	00.0	00.0	01.0	082	46 %	122/81	100	00	
Standing	00:35	0:18	00.0	00.0	01.0	087	48 %	122/81	106	00	
HV	00:52	0:17	00.0	00.0	01.0	086	48 %	122/81	104	00	
ExStart	01:09	0:17	00.0	00.0	01.0	088	49 %	122/81	107	00	
BRUCE Stage 1	04:09	3:00	01.7	10.0	04.7	126	70 %	123/83	154	00	
BRUCE Stage 2	07:09	3:00	02.5	12.0	07.1	150	83 %	124/84	186	00	
PeakEx	08:18	1:09	03.4	14.0	08.3	164	91 %	124/84	203	00	
Recovery	08:48	0:30	01.1	00.0	04.2	149	83 %	124/84	184	00	
Recovery	09:18	1:00	01.1	00.0	01.2	138	77 %	123/83	169	00	
Recovery	11:18	3:00	00.0	00.0	01.0	109	61 %	122/83	132	00	
Recovery	13:23	5:05	00.0	00.0	01.0	106	59 %	122/82	129	00	
<b>FINDINGS :</b>											
Exercise Time	: 07:09										
Initial HR (ExStrt)	: 88 bpm 49% of Target 180										
Initial BP (ExStrt)	: 122/81										
Max WorkLoad Attained	: 8.3 Fair response to induced stress										
Test End Reasons	: Test Complete										
<b>REPORT :</b>											
Max HR Attained	: 164 bpm 91% of Target 180										
Max BP Attained	: 124/84										

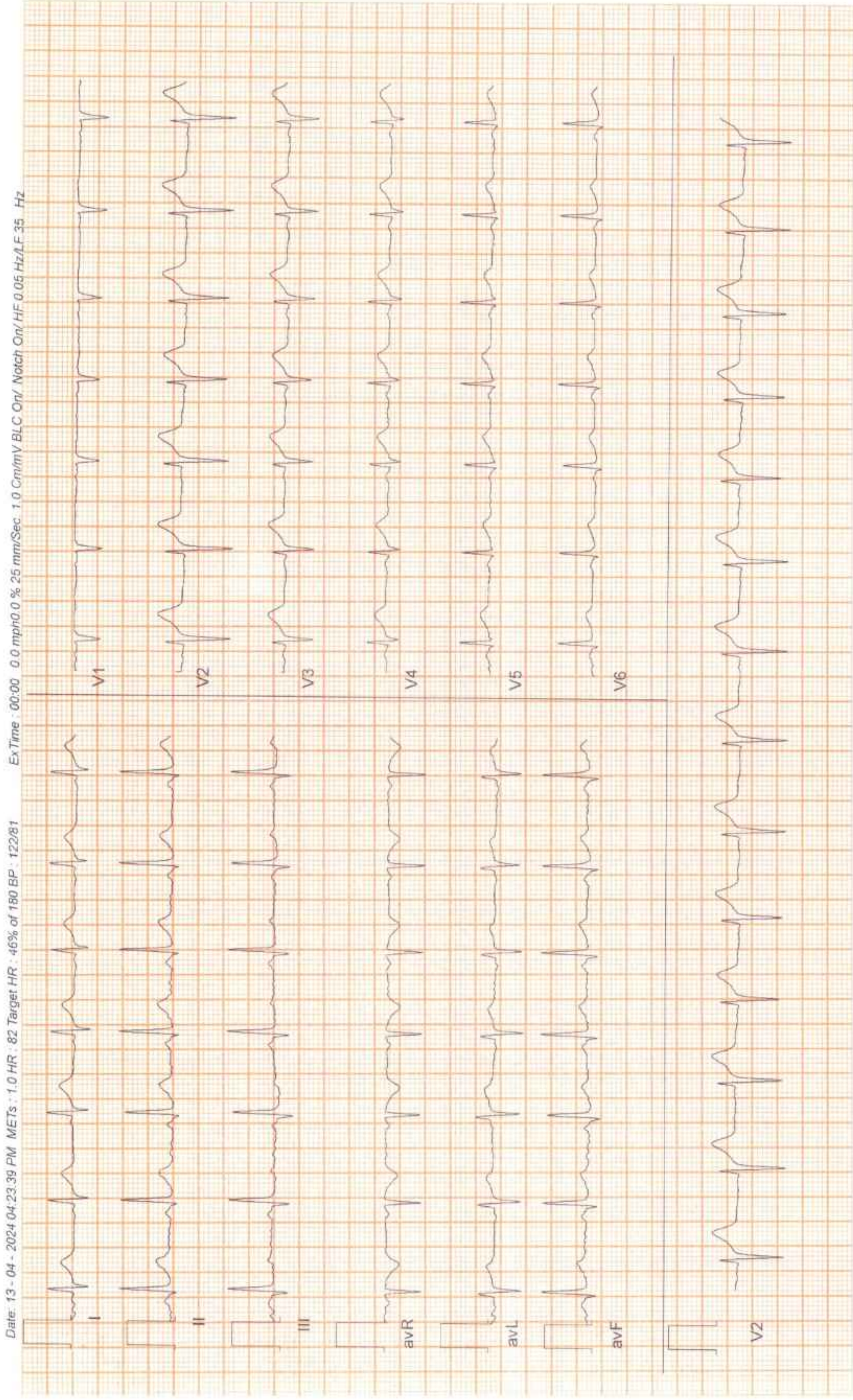


**ZENA HEALTHCARE**

SAHIDNAGAR, BHUBANESWAR

962 / FAKAN BEHERA / 40 Yrs / Male / 173 Cm / 91 Kg

**6 x 2 + Rhythm**  
BRUCE:Supine(0:17)



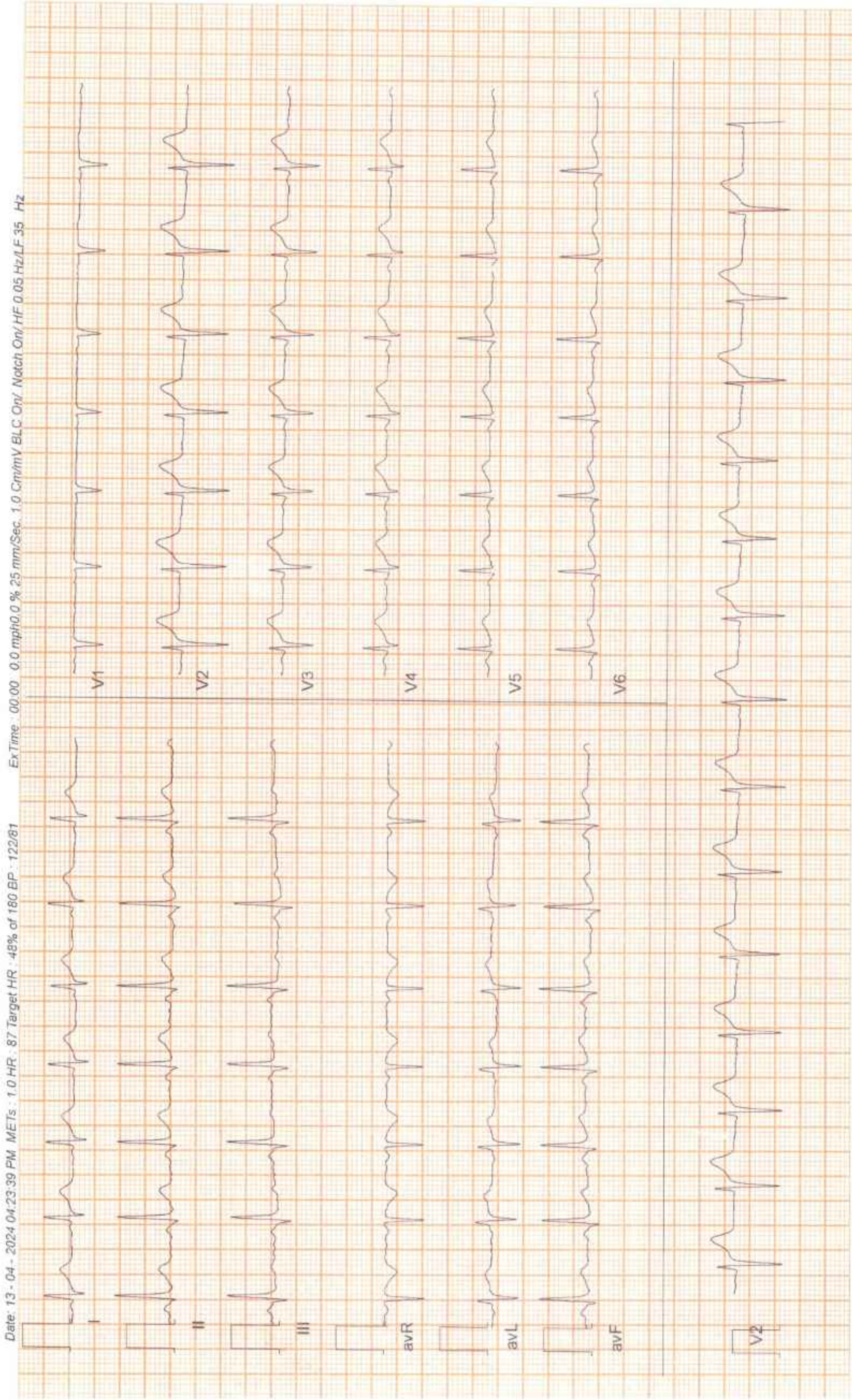


**ZENA HEALTHCARE**

SAHIDNAGAR, BHUBANESWAR

962 / FAKAN BEHERA / 40 Yrs / Male / 173 Cm / 91 Kg

**6 x 2 + Rhythm**  
BRUCE: Standing(0:18)





**ZENA HEALTHCARE**

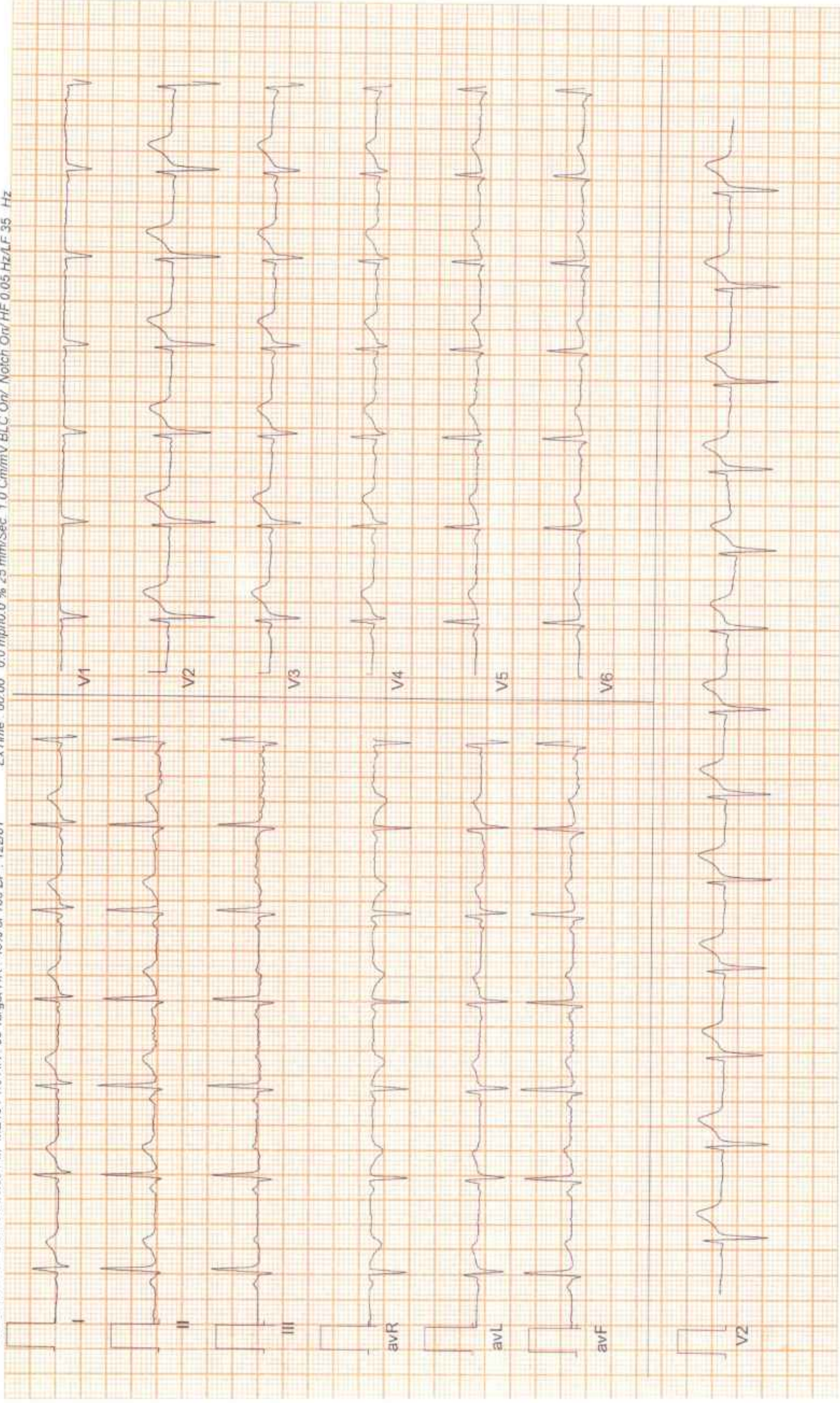
SAHIDNAGAR, BHUBANESWAR

962 / FAKAN BEHERA / 40 Yrs / Male / 173 Cm / 91 Kg

**6 x 2 + Rhythm**  
BRUCE:HV(0:17)



Date: 13 - 04 - 2024 04:23:39 PM METs: 1.0 HR: 86 Target HR: 48% of 180 BP: 122/81 ExTime: 00:00 0.0 mph 0.0 % 25 mm/Sec 1.0 Cm/mV BLC On/ Notch On/ HF 0.05 Hz/LF 35 Hz





**ZENA HEALTHCARE**

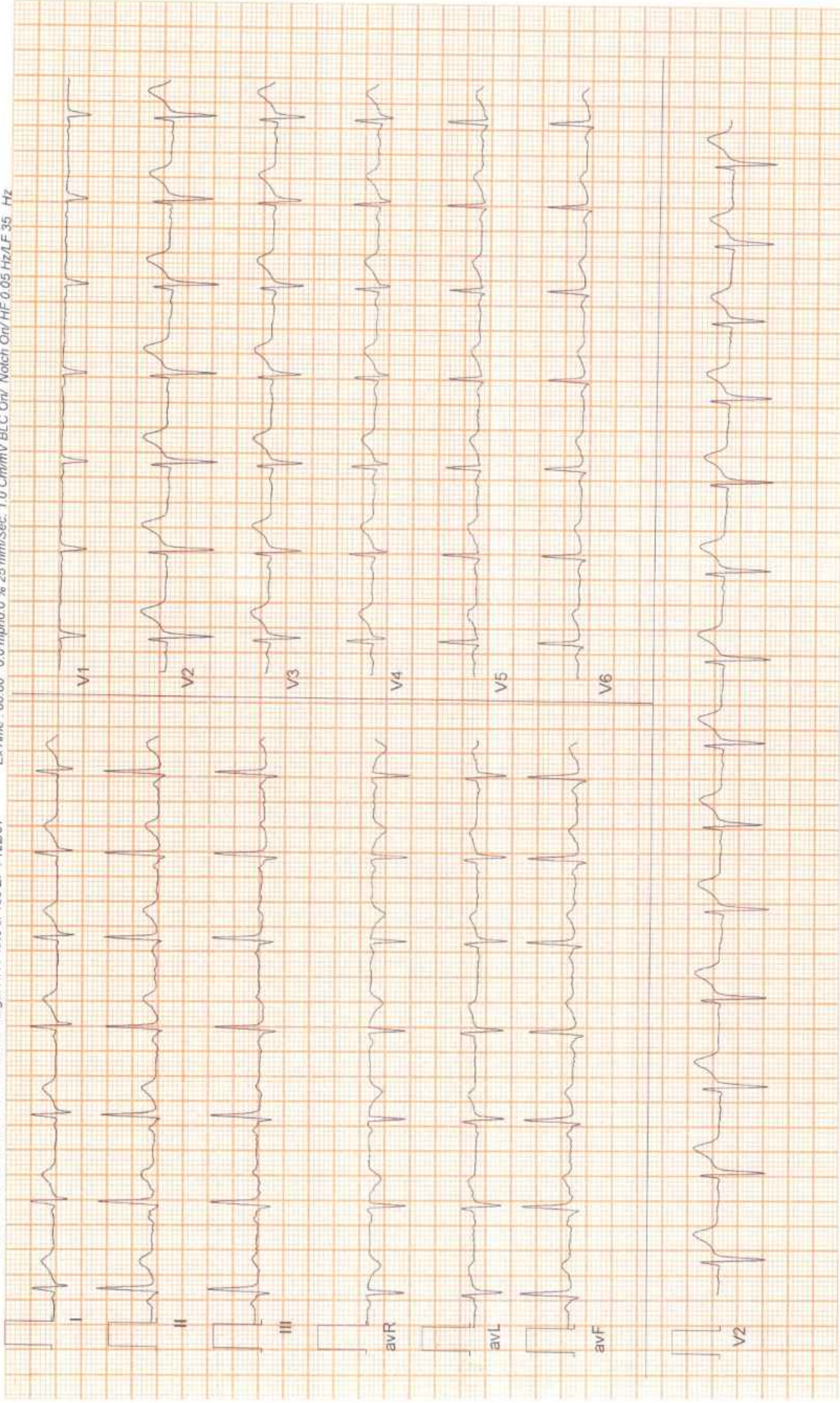
SAHIDNAGAR, BHUBANESWAR

962 / FAKAN BEHERA / 40 Yrs / Male / 173 Cm / 91 Kg

**6 x 2 + Rhythm**  
ExStart



Date: 13 - 04 - 2024 04:23:39 PM METs : 1.0 HR : 88 Target HR : 49% of 180 BP : 122/81  
ExTime : 00:00 0.0 mph 0.0 % 25 mm/Sec. 1.0 Cm/mV BLC On/ Notch On/ HF 0.05 Hz/LE 35 Hz



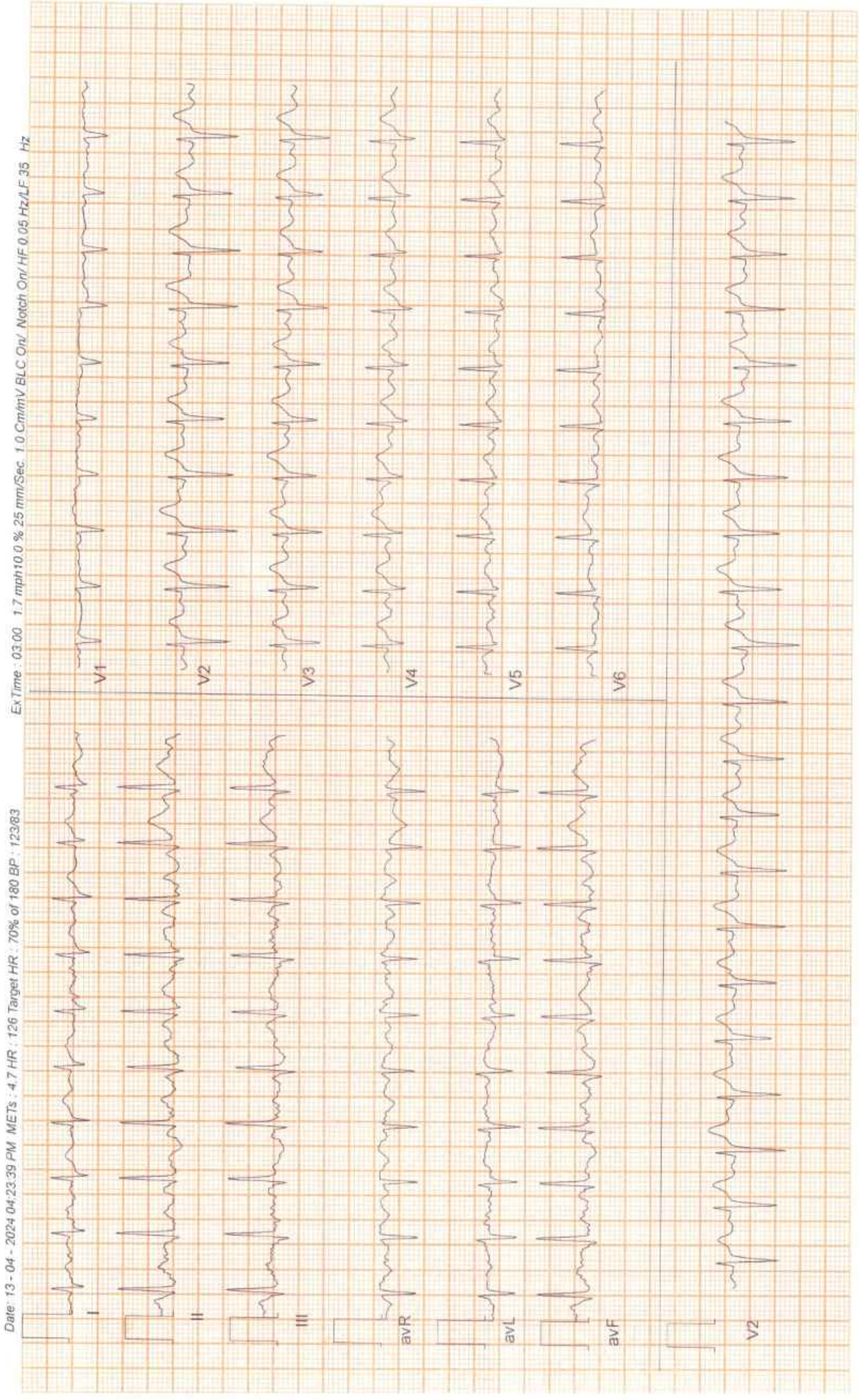


**ZENA HEALTHCARE**

SAHIDNAGAR, BHUBANESWAR

962 / FAKAN BEHERA / 40 Yrs / Male / 173 Cm / 91 Kg

**6 x 2 + Rhythm**  
BRUCE: Stage 1 (3:00)





**ZENA HEALTHCARE**

SAHIDNAGAR, BHUBANESWAR

962 / FAKAN BEHERA / 40 Yrs / Male / 173 Cm / 91 Kg

**6 x 2 + Rhythm**  
BRUCE: Stage 2(3:00)



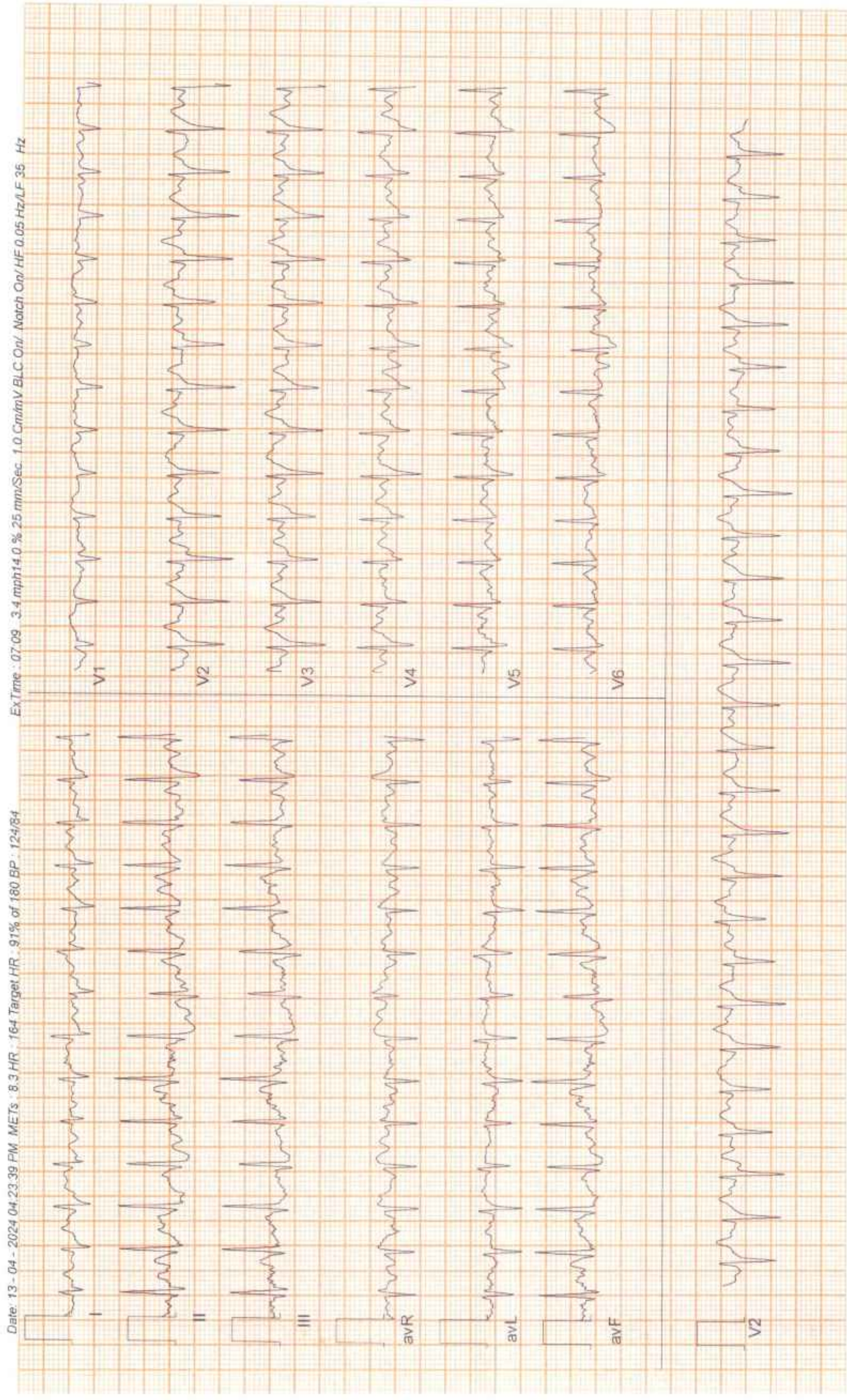


**ZENA HEALTHCARE**

SAHIDNAGAR, BHUBANESWAR

962 / FAKAN BEHERA / 40 Yrs / Male / 173 Cm / 91 Kg

**6 x 2 + Rhythm**  
PeakEx



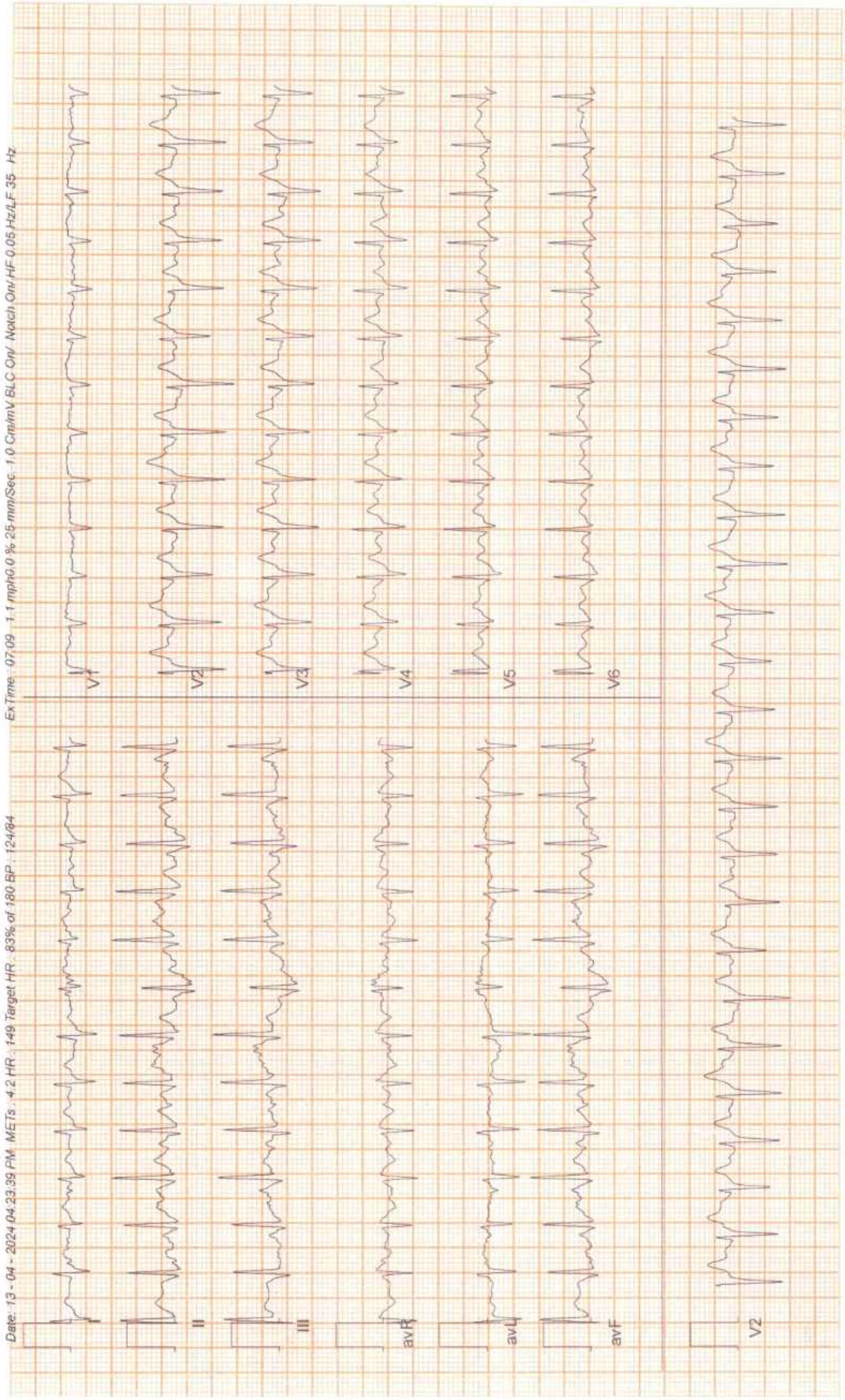


**ZENA HEALTHCARE**

SAHIDNAGAR, BHUBANESWAR

962 / FAKAN BEHERA / 40 Yrs / Male / 173 Cm / 91 Kg

**6 x 2 + Rhythm  
Recovery(0:30)**



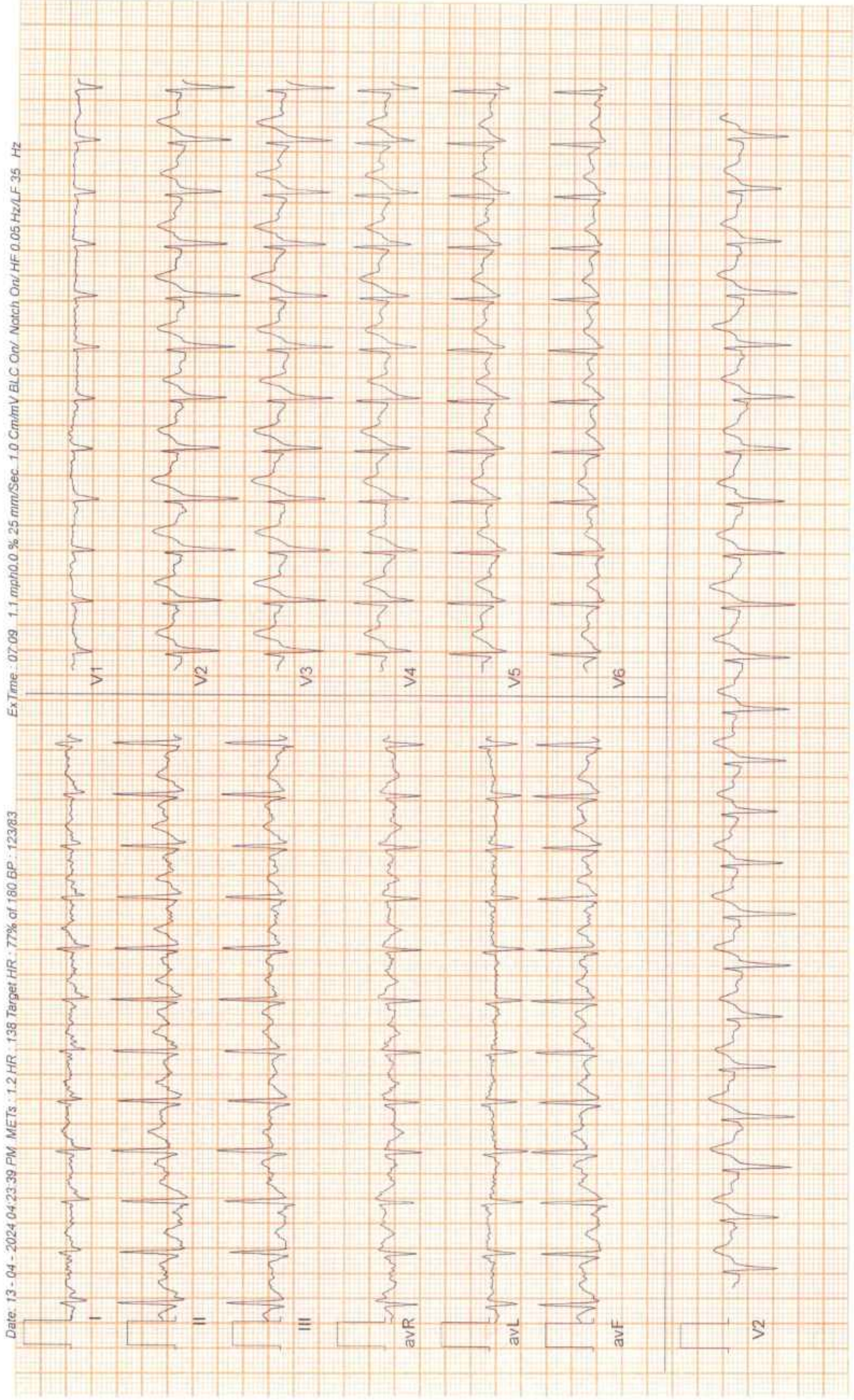


**ZENA HEALTHCARE**

SAHIDNAGAR, BHUBANESWAR

962 / FAKAN BEHERA / 40 Yrs / Male / 173 Cm / 91 Kg

**6 x 2 + Rhythm  
Recovery(1:00)**



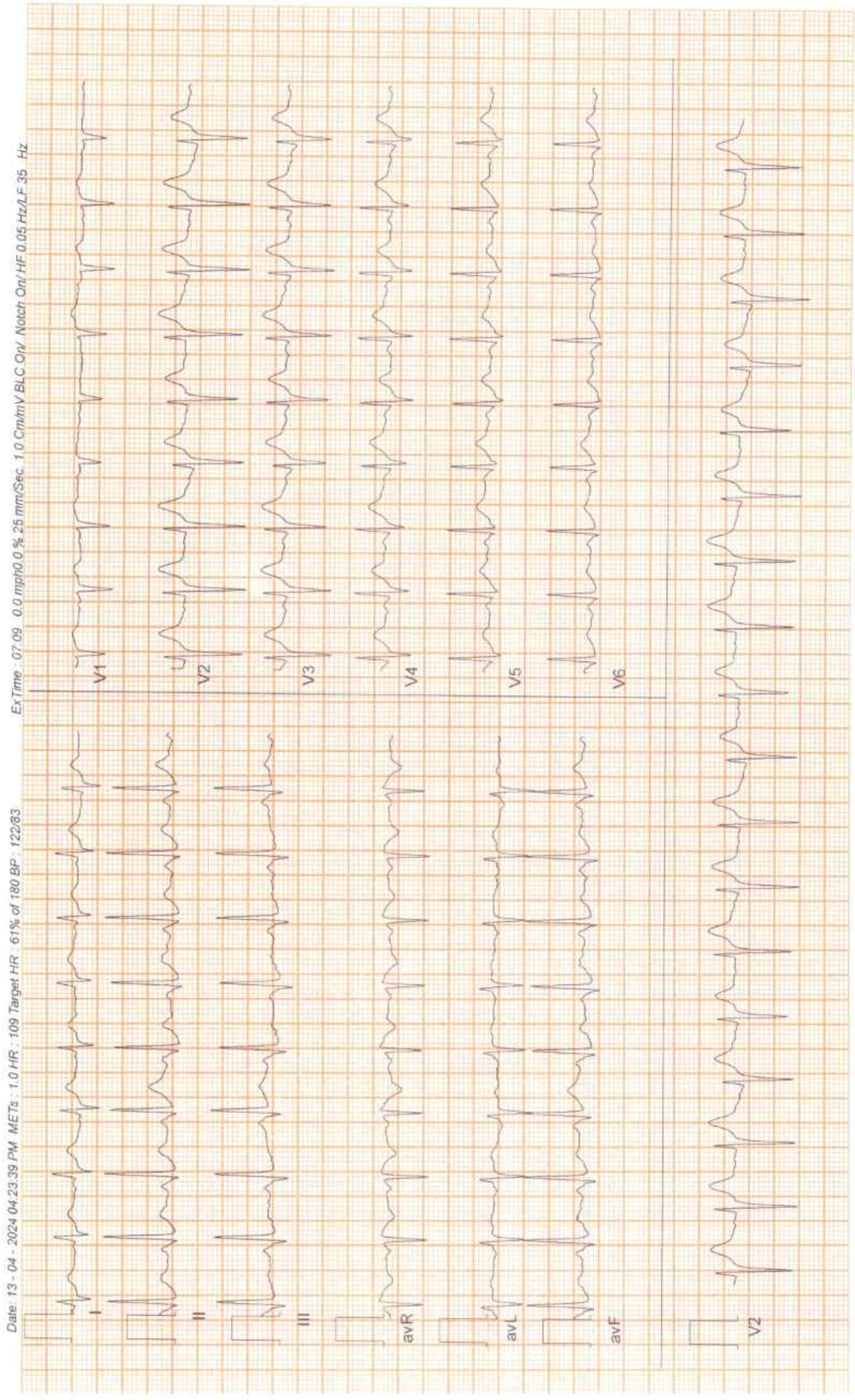


**ZENA HEALTHCARE**

SAHIDNAGAR, BHUBANESWAR

962 / FAKAN BEHERA / 40 Yrs / Male / 173 Cm / 91 Kg

**6 x 2 + Rhythm**  
Recovery(3:00)



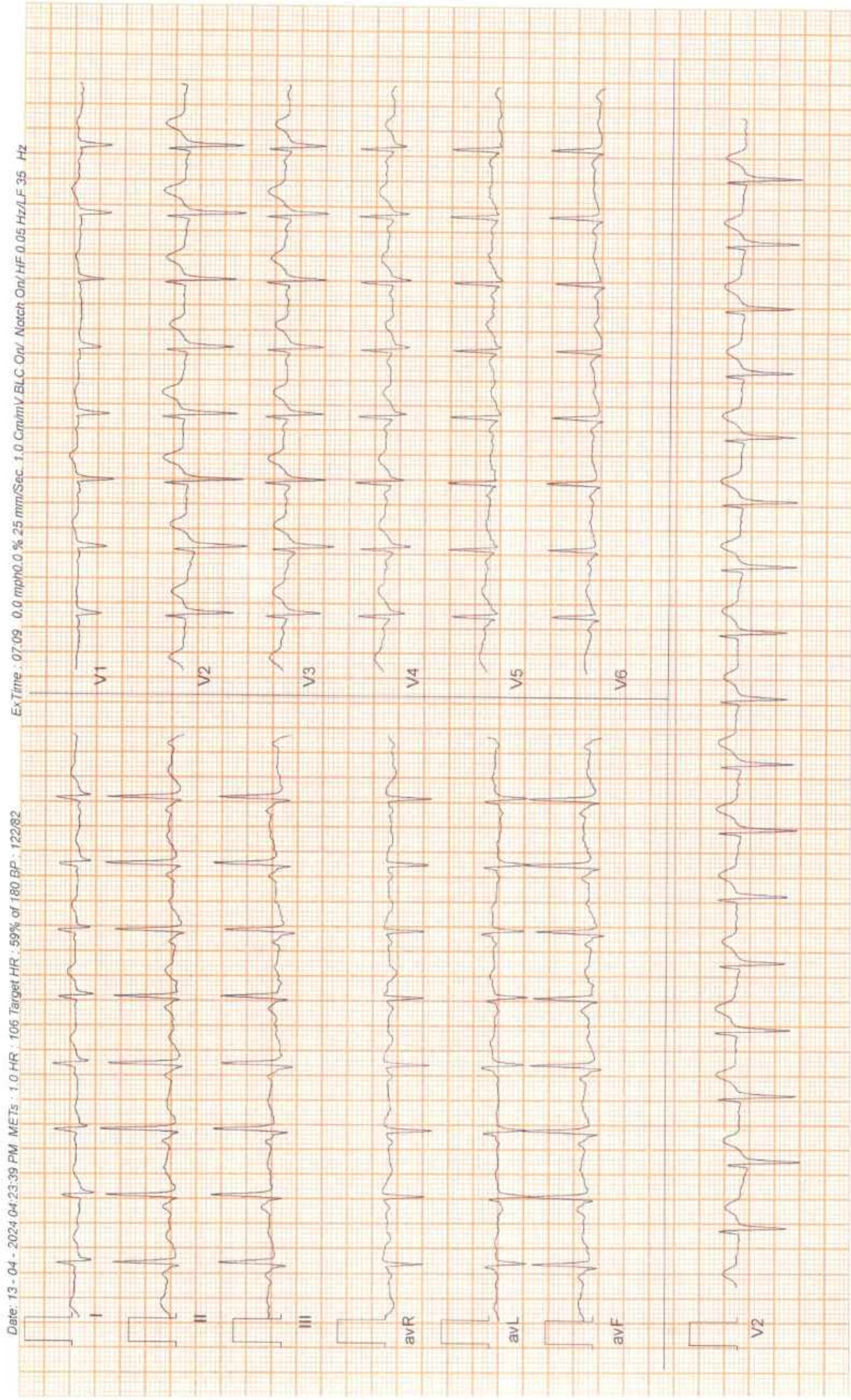


**ZENA HEALTHCARE**

SAHIDNAGAR, BHUBANESWAR

962 / FAKAN BEHERA / 40 Yrs / Male / 173 Cm / 91 Kg

**6 x 2 + Rhythm**  
Recovery(5:05)







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**Age / Gender :** 40 years / Male

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**Sample ID :**



23864

Test Description	Value(s)	Reference Range	Unit
<b>Thyroid Profile ( T3, T4, TSH )</b>			
T3-Total Method : CLIA	1.65	0.87 - 2.73	ng/dL
T4-Total Method : CLIA	8.82	6.09 - 12.23	ug/dL
TSH-Ultrasensitive Method : CLIA	0.98	0.45 - 4.50	uIU/mL

**Interpretation**

TSH	T3	T4	Suggested Interpretation for the Thyroid Function Tests Pattern
Raised	Within range	Within range	Raised Within Range Within Range .Isolated High TSH especially in the range of 4.7 to 15 mIU/ml is commonly associated with Physiological & Biological TSH Variability. Subclinical Autoimmune Hypothyroidism. Intermittent L4 therapy for hypothyroidism .Recovery phase after Non-Thyroidal illness"
Raised	Decreased	Decreased	Chronic Autoimmune Thyroiditis Post thyroidectomy, Post radioiodine Hypothyroid phase of transient thyroiditis"
Raised or within range	Raised	Raised or within range	Interfering antibodies to thyroid hormones (anti-TPO antibodies) Intermittent L4 therapy or T4 overdose •Drug interference- Amiodarone, Heparin, Beta blockers, steroids, anti-epileptics.
Decreased	Raised or within range	Raised or within range	Isolated Low TSH -especially in the range of 0.1 to 0.4 often seen in elderly & Range Range associated with Non-Thyroidal illness .Subclinical Hyperthyroidism .Thyroxine ingestion"
Decreased	Decreased	Decreased	Central Hypothyroidism .Non-Thyroidal illness .Recent treatment for Hyperthyroidism (TSH remains suppressed)"
Decreased	Raised	Raised	Primary Hyperthyroidism (Graves' disease). Multinodular goitre, Toxic nodule •Transient thyroiditis: Postpartum, Silent (lymphocytic), Postviral (granulomatous, subacute, DeQuervain's), Gestational thyrotoxicosis with hyperemesis gravidarum"
Decreased Within Rang	Raised	Within range	T3 toxicosis •Non-Thyroidal illness
Within range	Decreased	Within range	Isolated Low T3-often seen in elderly & associated Non-Thyroidal illness In elderly the drop in T3 level can be upto 25%.

\*\*END OF REPORT\*\*

Lab technician

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