



**Patient Name :** MR. SANJIT DHAR  
**Age / Gender :** 31 years / Male  
**Mobile No. :** 8334048626  
**Patient ID :** 113464  
**Bill ID :** 117201  
**Referral :** DR SELF  
**Source :** ALLIANCE & PROJECT

**Optional ID :** -  
**Collection Time :** 10/08/2024, 10:00 AM  
**Receiving Time :** 10/08/2024, 12:40 PM  
**Reporting Time :** 10/08/2024, 03:41 PM  
**Sample ID :** 1924056243  
**Sample Type :** Urine

Test Description	Value(s)	Unit(s)	Reference Range
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**Urine Routine**

**PHYSICAL EXAMINATION**

Volume	30 ml	--	
Colour	Pale Straw		Pale to dark yellow
Appearance	Slightly hazy		Clear
Deposit	Present		Absent
Specific Gravity	1.010		1.010 - 1.030

**CHEMICAL EXAMINATION**

Reaction / PH	Neutral (PH: 7.0)		5.0 - 8.0
Protein	Absent		Absent
Sugar	Absent		Absent
Ketones Bodies	Absent		Absent
Urobilinogen	Normal		Normal
Bilirubin	Absent		Absent
Blood	Absent		Absent
Nitrite	Negative		Negative

**MICROSCOPIC EXAMINATION**

Pus Cells	1 - 2 /hpf		<5 /hpf
R.B.C	Not found		Absent
Epithelial Cells	1 - 2 /hpf		A few
Casts	Not found		Absent
Crystals	Not found		--

**METHOD : SEDIMENTATION AND MICROSCOPE**

**Terms and conditions:**

Test results released pertain to the specimen/sample submitted.

The tests results are dependent on the quality of the sample received by the Laboratory.

The test results are released with the presumption that the specimen/sample belongs to the patient as mentioned on the bill/ vials/TRF/booking ID  
 Laboratory investigations test results are only a tool to facilitate in arriving at a diagnosis and should always be clinically correlated by the Referring Physician.

Repeat samples/specimens are accepted on request of Referring Physician within 7 days of reporting.

Due to some unforeseen circumstances reports may be delayed. Inconvenience is regretted.



Reported By : -

Registered By : SUDIPA BANIK



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Test result may show inter laboratory variations.  
 The test results are not valid for medico legal purposes.

**Urine Fasting Sugar**

URINE FOR SUGAR

Result **Absent**

**\*\*END OF REPORT\*\***

Checked by  
Sudipta Halder

*Meenakshi*  
 Dr. Meenakshi Mohan  
 MD (Pathology)  
 Consultant Pathologist  
 Regn. No. : WBMC 54631



Reported By : -

Registered By : SUDIPA BANIK



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**Sample ID :** 1924056243

**Sample Type :** Edta Blood

Test Description	Value(s)	Unit(s)	Reference Range
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**Blood Group & RH Typing**

BLOOD GROUP	"AB"
RH TYPING	POSITIVE

FORWARD & REVERSE BLOOD GROUPING,  
GEL CARD BY BIO-RAD



**Complete Blood Count**

HAEMOGLOBIN	14.4	gm/dl	13 - 17
TOTAL LEUCOCYTE COUNT	11,700	/cumm	4000 - 10000
HCT	46.5	Vol%	40 - 50
R B C	5.29	millions/cumm	4.5 - 5.5
M C V	87.9	Femtolitre(fl)	80 - 100
M C H	27.2	Picograms(pg)	27 - 31
M C H C	<b>31.0</b>	gm/dl	32 - 36
PLATELET COUNT	2,43,000	/cumm	150000 - 410000
<b>DIFFERENTIAL COUNT</b>			
Neutrophils	71	%	40 - 80



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Test Description	Value(s)	Unit(s)	Reference Range
Lymphocytes	20	%	20 - 40
Monocytes	04	%	2 - 10
Eosinophils	05	%	1 - 6
Basophils	00	%	0 - 1
ESR	08	mm	< 50 years : <=10 51 - 60 years : <=12 61 - 70 years : <=14 > 70 years : <=30

**Remarks** Normocytic Normochromic.  
Leucocytosis seen. Platelets adequate.

**Note**  
 XN 1000, SYSMEX  
 METHOD : FLOWCYTOMETRY  
 ESR : AUTOMATED VESCUBE - 30 TOUCH

\*Biological Reference Values Updated as per Dacie & Lewis 12th Edition

\*\*END OF REPORT\*\*

Checked by  
Sharmistha Das

*Meenakshi*  
 Dr. Meenakshi Mohan  
 MD (Pathology)  
 Consultant Pathologist  
 Regn. No. : WBMC 54631



Reported By : -

Registered By : SUDIPA BANIK





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**Reporting Time :** 10/08/2024, 01:21 PM  
**Sample ID :** 1924056243F  
**Sample Type :** Fluoride - F

Test Description	Value(s)	Unit(s)	Reference Range
<b><u>Prostate Specific Antigen (PSA), Serum</u></b>			
PSA (PROSTATE SPECIFIC ANTIGEN) Method : Electrochemiluminescence Immunoassay (ECLIA)	0.3	ng/mL	< 1.4
Remark			
<b><u>Creatinine, Serum</u></b>			
CREATININE Method : Modified Jaffe kinetic.	1.04	mg/dl	< 1.2
<b><u>Uric Acid, Serum</u></b>			
URIC ACID Method : Uricase PAP	4.60	mg/dL	3.5 - 7.2
<b><u>Glucose Fasting Plasma</u></b>			
GLUCOSE FASTING PLASMA Method : Hexokinase	91	mg/dL	74 - 109

**\*\*END OF REPORT\*\***

Checked by  
Barun Jana

*Supratik Biswas*  
**Dr. Supratik Biswas**  
**MBBS, MD**  
**Consultant Biochemist**  
**Regn. No.: 64600 (WBMC)**



Reported By : -

Registered By : SUDIPA BANIK





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**Sample ID :** 1924056243

**Sample Type :** Edta Blood

Test Description	Value(s)	Unit(s)	Reference Range
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**HbA1c HPLC**

HbA1c HPLC Method : High Performance Liquid Chromatography (HPLC)	5.8	%	Normal : < 5.7 Pre Diabetes : 5.7 - 6.4 Diabetes : >= 6.5
Estimated Average Glucose	120	mg/dL	70 - 116

**NOTE :**

1. Glucose combines with haemoglobin(Hb) continuously and nearly irreversibly during life span of RBC(120 days); thus glycosylated Hb is proportional to mean plasma glucose level during the previous 2-3 months. Therefore A1c assay is a useful mean of evaluation of success of long term diabetic control by monitoring diabetic patient~s compliance with therapeutic regimen used and long-term blood glucose level control. Added advantage is its ability to predict progression of diabetic complications.
2. Presence of Hb variant may interfere with accurate estimation of HbA1c. Please do Hb HPLC test to identify Haemoglobinopathy if any and also do Glycated albumin or Fructosamine tests to assess glycemic status if required.
3. Inappropriately low value may be seen in anemia due to iron deficiency or due to other causes, acute blood loss, recent blood transfusion, hemoglobinopathies, CLD, Hypertriglyceridemia, intake of Vitamin E & C, Aspirin, Co-trimoxazole etc.



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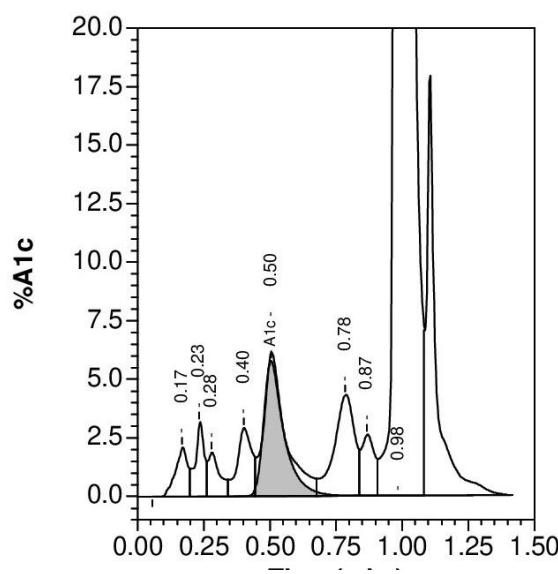
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**Test Description** **Value(s)** **Unit(s)** **Reference Range**

Peak Name	NGSP %	Area %	Retention Time (min)	Peak Area
A1a	---	1.0	0.167	24267
A1b	---	1.1	0.232	26604
F	---	0.9	0.278	20972
LA1c	---	1.7	0.402	40452
A1c	5.8	---	0.504	112921
P3	---	3.5	0.784	82070
P4	---	1.3	0.866	31517
Ao	---	85.6	0.985	2017695

Total Area: 2,356,498

**HbA1c (NGSP) = 5.8 %**



\*\*END OF REPORT\*\*

Checked by  
Nisha Malakar

*Supratik Biswas*  
Dr. Supratik Biswas  
MBBS, MD  
Consultant Biochemist  
Regn.No.: 64600 (WBMC)



Reported By : -

Registered By : SUDIPA BANIK



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**Optional ID :** -

**Collection Time :** 10/08/2024, 09:53 AM

**Receiving Time :** 10/08/2024, 10:16 AM

**Reporting Time :** 10/08/2024, 01:06 PM

**Sample ID :** 1924056243

**Sample Type :** 2D Echo


**Echocardiography/TMT**

<b>INDICATION</b>	:	Evaluation of functional status.
<b>SYMPTOMS</b>	:	Asymptomatic
<b>MEDICATIONS</b>	:	Nil
<b>RISK FACTOR</b>	:	Age, Male Gender.
<b>PROTOCOL USED</b>	:	Bruce
<b>STAGE REACHED</b>	:	IV
<b>MAXIMUM WORK LOAD</b>	:	10.9 METs.
<b>EXERCISE TIME</b>	:	9 min. 31 sec.
<b>HR ACHIEVED</b>	:	189 / 163 ( 86 %)
<b>REASON FOR TERMINATION</b>	:	Target heart rate achieved
<b>BLOOD PRESSURE RESPONSE</b>	:	Normal.
<b>ST DEPRESSION</b>	:	No Significant ST-T changes seen during the study
<b>LV DYSFUNCTION</b>	:	Nil
<b>ARRHYTHMIA</b>	:	Nil.

**Conclusion :**

- Stress test is **NEGATIVE** for the electrocardiographic evidence of provokable myocardial ischaemia.
- Good exercise tolerance.

**\*\*END OF REPORT\*\***

  
 Dr. Abhinay Tibdewal  
 MD, DM (Cardiologist)  
 Regn. No.: WBMC 85811

Checked by  
 Ruma Banerjee



Reported By : Minakashmi Patra Sarkar

Registered By : SUDIPA BANIK





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**Collection Time :** 10/08/2024, 09:56 a.m.

**Receiving Time :** 10/08/2024, 12:40 p.m.

**Reporting Time :** 10/08/2024, 01:28 p.m.

**Sample ID :** 1924056243

**Sample Type :** Serum

Test Description	Value(s)	Unit(s)	Reference Range
<b><u>T3,T4 &amp; TSH</u></b>			
T3 Method : Chemiluminescent Microparticle Immunoassay (CMIA)	0.93	ng/mL	1 - 30 days: 1 - 7.4 1m - 11m: 1.05 - 2.45 1yr - 5yrs: 1.05 - 2.69 6yrs - 10yrs: 0.94 - 2.41 11yrs - 15yrs: 0.82 - 2.13 16yrs- 20yrs: 0.8 - 2.1 Adult: 0.58 - 1.59
T4 Method : Chemiluminescent Microparticle Immunoassay (CMIA)	4.31	µg/dL	1d - 6d : 11.8 - 22.6 7d - 14d : 9.9 - 16.6 15d - 4m : 7.2 - 14.4 4m - 12m : 7.8 - 16.5 1yr - 5yr : 7.2 - 15.0 5yr - 10yr : 6.4 - 13.6 > 10yr : 4.87 - 11.72 Adult : 4.87 - 11.72
TSH Method : Chemiluminescent Microparticle Immunoassay (CMIA)	2.69	µIU/ml	0.35 - 4.94

**Interpretation :**

**T3**

Triiodothyronine (3,5,3' triiodothyronine or T3) is the thyroid hormone principally responsible for the regulation of metabolism of the various target organs. T3 is mainly formed extrathyroidally, particularly in the liver, by enzymatic 5' deiodination of T4 (thyroxine). A reduction in the conversion of T4 to T3 results in a decrease in the T3 concentration. It occurs under the influence of medicaments such as propranolol, glucocorticoids or amiodarone and in severe non thyroidal illness (NTI), and is referred to as "low T3 syndrome". The determination of T3 is utilized in the diagnosis of T3 hyperthyroidism, the detection of early stages of hyperthyroidism and for indicating a diagnosis of thyrotoxicosis factitia.

**T4**

The hormone thyroxine (T4) is the main product secreted by the thyroid gland and is an integral component of the hypothalamus anterior pituitary thyroid regulating system. The major part (> 99 %) of total thyroxine in serum is present in proteinbound form. As the concentrations of the transport proteins in serum are subject to exogenous and endogenous effects, the status of the binding proteins must also be taken into account in the assessment of the thyroid hormone concentration in serum. If this is ignored, changes in the binding proteins (e.g. due to estrogen containing preparations, during pregnancy or in the presence of a nephrotic syndrome etc.) can lead to erroneous assessments of the thyroid metabolic state. The determination of T4 can be utilized for the following indications: the detection of hyperthyroidism, the detection of primary and secondary hypothyroidism, and the monitoring of TSH suppression therapy.



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Test Description	Value(s)	Unit(s)	Reference Range
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**TSH**

TSH is formed in specific basophil cells of the anterior pituitary and is subject to a circadian secretion sequence. The hypophyseal release of TSH (thyrotropic hormone) is the central regulating mechanism for the biological action of thyroid hormones. The determination of TSH serves as the initial test in thyroid diagnostics. Even very slight changes in the concentrations of the free thyroid hormones bring about much greater opposite changes in the TSH level. Accordingly, TSH is a very sensitive and specific parameter for assessing thyroid function and is particularly suitable for early detection or exclusion of disorders in the central regulating circuit between the hypothalamus, pituitary and thyroid.

**Bun / Creatrine Ratio**

BUN/Creatinine ratio

20.19

12 - 20

Method : Calculation

**\*\*END OF REPORT\*\***

Checked by  
Pritam Nandy

*Meenakshi*  
Dr. Meenakshi Mohan  
MD (Pathology)  
Consultant Pathologist  
Regn. No. : WBMC 54631



Reported By : -

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Test Description	Value(s)	Unit(s)	Reference Range
<b><u>Lipid Profile</u></b>			
TRIGLYCERIDES Method : Enzymatic Colorimetric Assay using GPO-POD	115	mg/dL	Normal : < 150 Borderline High : 150 - 199 High : 200 - 499 Very High : >= 500
CHOLESTEROL Method : Enzymatic Colorimetric Assay using CHOD-POD	172	mg/dl	Desirable : < 200 Borderline High : 200 - 240 High Risk : > 240
HDL CHOLESTEROL Method : Enzymatic Immunoinhibition	33	mg/dl	Low HDL : <40 High HDL : >= 60
LDL CHOLESTEROL Method : Enzymatic Selective Protection	111	mg/dl	Optimal : < 100 Above Optimal : 100 - 129 Borderline High : 130 - 159 High : 160 - 189 Very High : > 190
VLDL / CHOLESTEROL REMNANTS Method : Calculation	28	mg/dl	< 30
NON HDL CHOLESTEROL Method : Calculation	139	mg/dl	<130
TOTAL CHOLESTEROL / HDL CHOLESTEROL RATIO	5.21	Ratio	
LDL CHOLESTEROL / HDL CHOLESTEROL RATIO	3.36	Ratio	

Remark :

\* National Cholesterol Education Programme Adult Treatment Panel III Guidelines (US)

**Urea Nitrogen (Bun)**

Urea Method : GLDH Kinetic assay	21	mg/dl	Adult : 17 - 43 Newborn: 8.4 - 25.8
UREA NITROGEN (BUN) Method : GLDH Kinetic assay (AU480), calculation.	9.81	mg/dl	6 - 20
<b><u>Total Proteins, Serum</u></b>			
TOTAL PROTEIN Method : Biuret	7.47	g/dl	6.6 - 8.3
ALBUMIN Method : Bromocresol green	4.77	g/dl	Adults: 3.5 - 5.2 Newborn(0-4days): 2.8 - 4.4



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**Sample Type :** Serum

Test Description	Value(s)	Unit(s)	Reference Range
GLOBULIN Method : Calculation	2.70	g/dl	1.8 - 3.6
A/G RATIO Method : Calculation	1.77		1.2 - 2.0
<b><u>Liver Function Test</u></b>			
TOTAL BILIRUBIN Method : DPD	0.70	mg/dL	<1.2
CONJUGATED BILIRUBIN Method : DPD	0.20	mg/dl	< 0.2
UNCONJUGATED BILIRUBIN Method : Calculation	0.50	mg/dL	
SGPT Method : IFCC (without pyridoxal phosphate activation)	35	U/L	< 50
SGOT Method : IFCC (without pyridoxal phosphate activation)	26	U/L	< 50
ALKALINE PHOSPHATASE Method : IFCC AMP Buffer	80	U/L	30 - 120
TOTAL PROTEIN Method : Biuret	7.47	g/dL	6.6 - 8.3
ALBUMIN Method : Bromocresol Green	4.77	g/dL	Adults: 3.5 - 5.2 Newborn (1-4 days): 2.8 - 4.4
GLOBULIN Method : Calculation	2.70	g/dL	1.80 - 3.60
A/G RATIO Method : Calculation	1.77		1.2 - 2
GAMMA-GLUTAMYL TRANSFERASE Method : IFCC	44	U/L	< 55

**\*\*END OF REPORT\*\***

Checked by  
Subhajit Bhunia

  
 Dr. Meenakshi Mohan  
 MD (Pathology)  
 Consultant Pathologist  
 Regn. No. : WBMC 54631



Reported By : -

Registered By : SUDIPA BANIK



31 years  
 Male  
 176cm  
 75kg  
 Asian  
 Vent. rate 71 bpm  
 PR interval 160 ms  
 QRS duration 110 ms  
 QT/QTc 348/378 ms  
 P-R-T axes 75 81 71

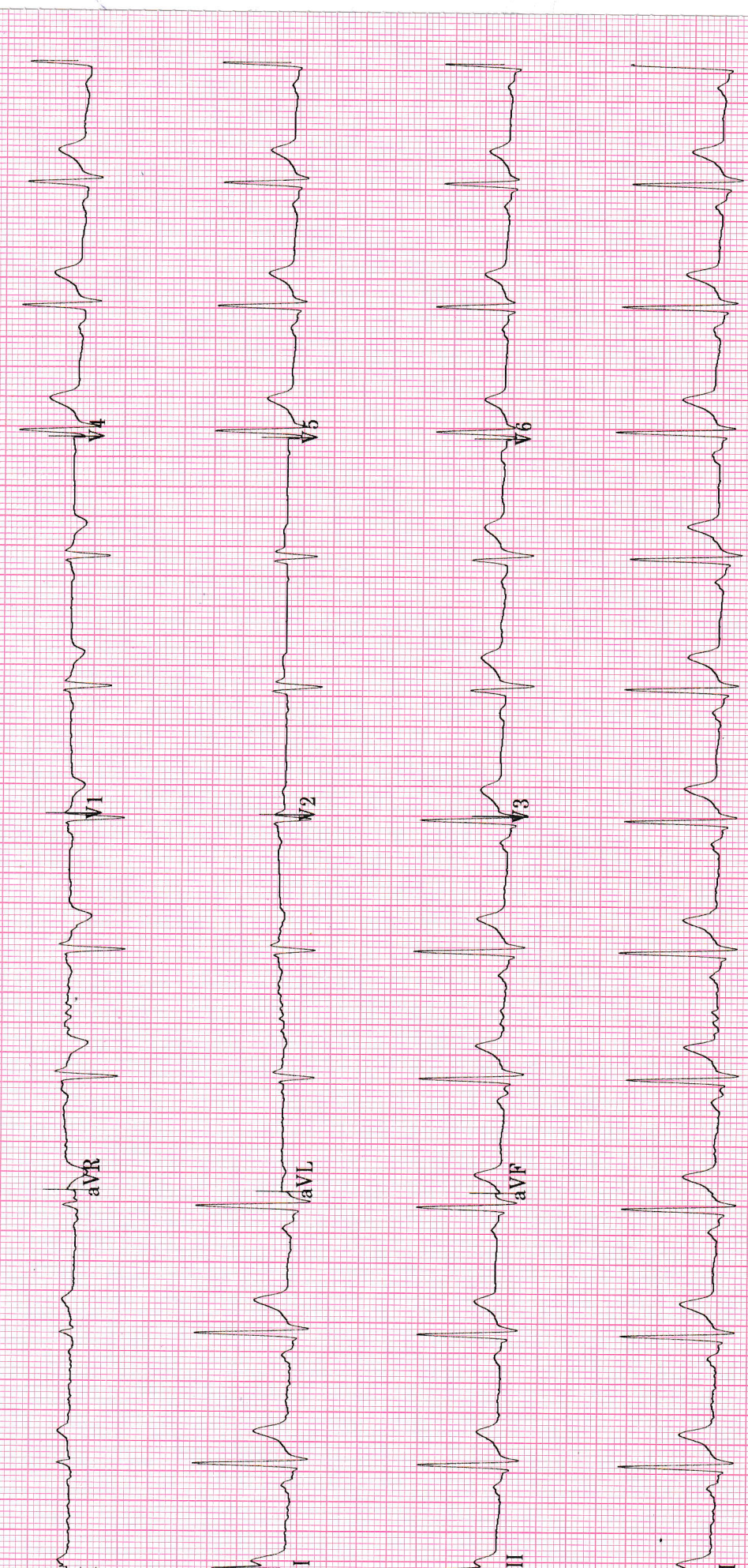
History: CAD  
 Technician: ruma  
 Test ind: IHD screening

Referred by: self  
 Unconfirmed  
 Dr. Abhinav Tibdewal  
 Consultant Cardiologist  
 MBBS, MD, DM (Cardio)

*no repetitive st-t changes  
 please correlate clinically*

*Abhinav*  
 10/11/24

Report Dr.: A. Tibdewal

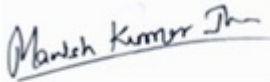


Patient Name :	SANJIT DHAR	Patient ID :	I-117201
Modality :	DX	Sex :	M
Age :	031Y	Study :	CHEST PA
Reff. Dr. :	SELF	Study Date :	10-08-2024

### X-RAY CHEST PA VIEW.

Bilateral lung fields appear normal.  
Bilateral costophrenic angles are unremarkable.  
Bilateral hila & vascular markings are unremarkable.  
Domes of diaphragm are normal in morphology & contour.  
Cardiac size is within normal limits.  
Healing fracture of the right 6th rib is noted.

Recommended clinical correlation with other investigation...



**Dr. Manish Kumar Jha**  
MBBS, MD (Radio-diagnosis)  
Registration No. 77237 (WBMC)