

Patient Name : **MR. VIJAY KUMAR PATHAK**  
Patient ID : 44770  
Age / Sex : 46 years / Male  
Referred by : MEDIWHEEL  
Bill ID : 73208

Collected : Dec 10, 2022, 11:14 a.m.  
Reported : Dec 10, 2022, 04:01 p.m.  
Sample ID :



204326

Test Description	Results	Units	Biological Reference Range
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**ULTRASENSITIVE THYROID STIMULATING HORMONE (TSH)**

Sample Type : Serum

<b>Ultrasensitive Thyroid Stimulative Hormone (TSH)</b> [ CLIA ]	2.52	$\mu$ IU/mL	0.3 - 4.5 1st trimester - 0.1 - 2.5 $\mu$ IU/mL 2nd trimester - 0.2 - 3 $\mu$ IU/mL 3rd trimester - 0.3 - 3 $\mu$ IU/mL
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**Clinical Significance :-**

1. Serum TSH concentrations exhibit a diurnal variation with the peak occurring during the night.
2. Useful for: Screening for thyroid dysfunction and detecting mild (subclinical), as well as overt, primary hypo- or hyperthyroidism in ambulatory patients.
3. Monitoring patients on thyroid replacement therapy.
4. Confirmation of thyroid-stimulating hormone (TSH) suppression in thyroid cancer patients on thyroxine suppression therapy.
5. Prediction of thyrotropin-releasing hormone-stimulated TSH response.

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\*\*END OF REPORT\*\*



**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

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Test Description	Results	Units	Biological Reference Range
<b><u>FASTING BLOOD SUGAR</u></b>			
Sample Type : Flouride R			
Fasting Blood Sugar [ GOD - POD ]	<b>133.6</b>	mg/dl	Normal : 70 - 99 mg/dl impaired Tolerance : 100 - 125mg/dl Diabetes Mellitus : >126 mg/dl
Technique :-	Fully Automated Biochemistry Analyser ERBA EM-200		

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

**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

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**POST PRANDIAL BLOOD SUGAR**

Sample Type : Flouride PP

Post Prandial Blood Sugar [ GOD - POD ]	<b>235.9</b>	mg/dl	110-180
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Technique :- Done On Fully Automated Biochemistry Analyser ERBA EM-200

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

**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

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**BLOOD GROUP**

Sample Type : EDTA / Whole Blood

ABO Grouping

"O"

Rh Grouping

POSITIVE


**Note:**

These report is for information purpose only. Blood group needs to be reconfirmed at the time of cross matching for blood transfusion.

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

**Dr. Sudhamani S. MD**  
Consultant Pathologist  
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**LIPID PROFILE**

Sample Type : Serum

TOTAL CHOLESTEROL [ CHOD-PAP ]	188.1	mg/dL	Desirable : <200 mg/dl Borderline : 200 - 239mg/dl High : >240 mg/dl
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TRIGLYCERIDES [ Glycerol Phosphate Oxidase ]	<b>173.4</b>	mg/dL	Desirable : <150 mg/dl Borderline : 150 - 199mg/dl High : >200mg/dl
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HDL CHOLESTEROL [ Direct ]	<b>38.3</b>	mg/dL	Desirable : >40 mg/dl Borderline Risk : 35 mg/dl High Risk : <30 mg/dl
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LDL CHOLESTEROL [ Calculated ]	<b>115.12</b>	mg/dL	Desirable : <100 mg/dl Borderline : 130 - 160mg/dl High : >160mg/dl
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VLDL Cholesterol [ Calculated ]	<b>34.68</b>	mg/dL	Desirable : <26 mg/dl Borderline : >30 mg/dl
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Total Chol / HDL Chol Ratio [ Calculated ]	<b>4.91</b>	mg/dL	Desirable : <5 %
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LDL / HDL Ratio [ Calculated ]	3.01		1.00 - 3.55
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NON-HDL CHOLESTEROL [ Calculated ]	<b>149.80</b>	mg/dL	Desirable : <130 mg/dl Borderline : 160 - 189 mg/dl High : >220 mg/dl
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**Technique:** Fully Automated Biochemistry Analyser ERBA EM-200.

\*\*END OF REPORT\*\*



**Dr. Sudhamani S. MD**  
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Test Description	Results	Units	Biological Reference Range
<b><u>GLYCOCYLATED HAEMOGLOBIN</u></b>			
Sample Type : EDTA / Whole Blood			
Glycocyalted Haemoglobin (HbA1c) [ Tosoh HPLC ]	<b>7.7</b>	%	<5.7%NON DIABETIC 5.7-6.4% PRE-DIABETIC >6.5% DIABETIC <7.0% GOAL FOR DIABETIC ON TREATMENT
MEAN BLOOD GLUCOSE	<b>174.29</b>	mg/dL	116.89 - 154.2

\*\*END OF REPORT\*\*



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**URINE ANALYSE REPORT**

Sample Type : Urine

**PHYSICAL EXAMINATION**

COLOUR	Pale Yellow		
APPEARANCE	Clear		
REACTION (PH)	6.0		4.8 - 7.6
SPECIFIC GRAVITY	1.020		1.010 - 1.030
ALBUMIN	Absent		
GLUCOSE	<b>Present (++++)</b>		
BLOOD (U)	Absent		
BILE PIGMENTS	Negative		
BILE SALTS	Absent		
KETONE	Negative		
LEUKOCYTES	Absent		
NITRITE	Absent		
UROBILINOGEN	Negative		

**MICROSCOPY**

PUS CELLS/hpf	1-2
RBCs/hpf	Absent
EPI.CELLS/hpf	1-2
CASTS	Absent
CRYSTALS	Absent
BACTERIA	Absent
Other	Absent

\*\*END OF REPORT\*\*



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**LIVER FUNCTION TEST**

Sample Type : Serum

TOTAL BILIRUBIN [ DIAZO ]	0.55	mg/dl	0.3-1.3 mg/dl
BILIRUBIN-DIRECT [ DIAZO ]	0.28	mg/dl	0.1-0.4 mg/dl
BILLIRUBIN-INDIRECT [ CALCULATED ]	0.27	mg/dl	0.1-0.9 mg/dl
S.G.O.T. (AST) [ IFCC without Pyridoxal Phosphate ]	14.30	IU/L	5-40 IU/L
S.G.P.T.(ALT) [ IFCC without Pyridoxal Phosphate ]	12.8	IU/L	5-40 IU/L
ALKALINE PHOSPHATASE [ Amino Methyl Propanol (AMP) ]	99	IU/L	44-147 IU/L
TOTAL PROTEINS [ BIURET ]	7.12	IU/L	6.0 - 8.5g/dL
ALBUMIN [ BROMO CRESOL GREEN (BCG) ]	4.01	g/dl	3.5-5.0 g/dl
GLOBULIN [ CALCULATED ]	3.11	gm%	2.3-3.5 gm%
ALBUMIN/GLOBULIN RATIO [ CALCULATED ]	1.29		
GAMMA GT	13.20	U/L	0 - 45

Technique : Fully Automated Biochemistry Analyser ERBA EM-200

\*\*END OF REPORT\*\*



**Dr. Sudhamani S. MD**  
Consultant Pathologist  
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**SR. URIC ACID**

Sample Type : Serum

<b>Uric Acid</b> [ Uricase - POD ]	5.3	mg/dl	3.6 - 7.7
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Technique :- Done On Fully Automated Biochemistry Analyser ERBA EM-200.

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

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**CREATININE**

Sample Type : Serum

<b>Creatinine</b>	0.49	mg/dl	0.40 - 1.40
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[ Enzymatic ]

Formula

Technique :- Done On Fully Automated Biochemistry Analyser ERBA EM-200

\*\*END OF REPORT\*\*



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Test Description	Results	Units	Biological Reference Range
<b><u>BLOOD UREA LEVEL ( BUL )</u></b>			
Sample Type : Serum			
<b>Urea</b>	11.9	mg/dl	10 - 40
[ Urease - GLDH ]			
<b>Bun</b>	5.56	mg/dl	6 - 21
[ Calculated ]			
Technique :-	Done On Fully Automated Biochemistry Analyser ERBA EM-200		

\*\*END OF REPORT\*\*



**Dr. Sudhamani S. MD**  
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**COMPLETE BLOOD COUNT**

Sample Type : EDTA / Whole Blood

Hemoglobin	15.2	g/dl	13.0 - 17.0
RBC COUNT	5.29	Millions/c	4.5 - 5.5
PCV(Hematocrit)	46.9	%	40.0 - 50.0
Mean Cell Volume(MCV)	88.6	fl	80.0 - 100.0
Mean Cell Hemoglobin(MCH)	28.6	pg	27.0 - 33.0
Mean Cell Hb Conc(MCHC)	32.3	g/dl	32 - 36
RDW	14	%	11.50 - 14.50
Total Leucocytes (WBC) Count	<b>11800</b>	/cumm	4000-11000

**DIFFERENTIAL COUNT**

Neutrophils	52.7	%	40 - 70
Lymphocytes	30	%	20 - 50
Eosionphils	<b>9.3</b>	%	01 - 06
Monocytes	7.3	%	00 - 08
Basophils	0.7	%	00-01

**SMEAR STUDY**

RBC Morphology	Normocytic Normocromic.		
WBC Morphology	<b>Eosinophilic Leucocytosis</b>		
Platelets On Smear	Adequate on Smear		
Platelet Count	160000	/cumm	150000 - 450000
MPV	<b>13.1</b>	fL	6.5 - 10.0

**Comments :-****Method:-**

HB:-Colorimetric, Total WBC:-Impedance/Flow Cytometry, HCT, MCV, MCH, MCHC, RDW-CV:-Calculate, Diff. Count: Flow Cytometry / Manual Stained Smear Microscopy, RBC: Impedance, Platelets : Impedance Method.

**Technique :-**

Fully Automated 5 part Diff. Cell Counter .

All Test Results are subjected to stringent international External and Internal Quality Control Protocols

\*\*END OF REPORT\*\*



**Dr. Sudhamani S. MD**  
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Test Description	Results	Units	Biological Reference Range
	<b><u>ESR</u></b>		
Sample Type : EDTA / Whole Blood			
ESR	10	Mm/hr	0 - 15
Method	Westergren		

\*\*END OF REPORT\*\*



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Test Description	Results	Units	Biological Reference Range
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**TOTAL THYROXINE ( T4 )**

Sample Type : Serum

Total Thyroxine ( T4 ) [ CLIA ]	76.36	ng/ml	52 - 127
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**\*\*END OF REPORT\*\***

**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

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**TOTAL TRIIODOTHYRONINE (T3)**

Sample Type : Serum

TotalTriiodothyronine (T3) [ CLIA ]	1.25	ng/dL	0.69 - 2.15
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**\*\*END OF REPORT\*\***



**Dr. Sudhamani S. MD**  
Consultant Pathologist  
Reg. No. : 90461

**ECHO Report**

Date: 10/12/2022

**Patient Details**

Patient ID –

Name- MR VIJAY KUMAR PATHAK

Age- 46 YEARS

Gender- MALE

Referral BY - MEDIWHEEL

Doctor Incharge

DR. MAHESH PADSALGE

Clinical Status of Patient -

Finding description -

1. Poor Echo Window .
2. Normal LV systolic function.
3. No RWMA.
4. All cardiac valves are structurally normal.
5. Trivial MR, Trivial PR, NO AR.
6. No PAH.
7. Normal RV systolic function.
8. No clot/vegetation/pericardial effusion.
9. No coarctation of aorta.



**Chamber Dimensions-M mode Findings**

LVID (Diastole) 35-56(mm) - 40.00  
 IVS (Diastole) 8-12(mm) - 10.00  
 LVPWT (Diastole) 6-11(mm) - 10.00  
 LVEF (%) - 60%

LVID (Systole) 24-42(mm) - 28.00  
 IVS (Systole) 14-42(mm) - 14.00  
 EPSS - 5.00  
 LVFS (%) - 31.00

LV Volume (Diastolic)(mm<sup>3</sup>)  
 Meridional Wall Stress in System

LV Volume (Systolic)(mm<sup>3</sup>)  
 Cubed LV Volume in Diastole (mm<sup>3</sup>)

Cubed LV+ myocardial volume (mm<sup>3</sup>)

Velocity of circumferential  
 Shortening (mm)

Aortic root 22-37(mm) - 30.00  
 Left Atrium Length (mm) - 30.00  
 Left Atrium Volume (mm<sup>3</sup>)  
 RV size Normal  
 Normal  
 RV volume (mm<sup>3</sup>)  
 Normal  
 Pericardium Normal  
 Effusion None  
 Resp Variation Present  
 Predicted RV Systolic Pressure

Left Atrium Width (mm)  
 Left Atrium Area (mm<sup>2</sup>)  
 RV Function

RA Size

IVC Size (mm) – 13mm Collapsible

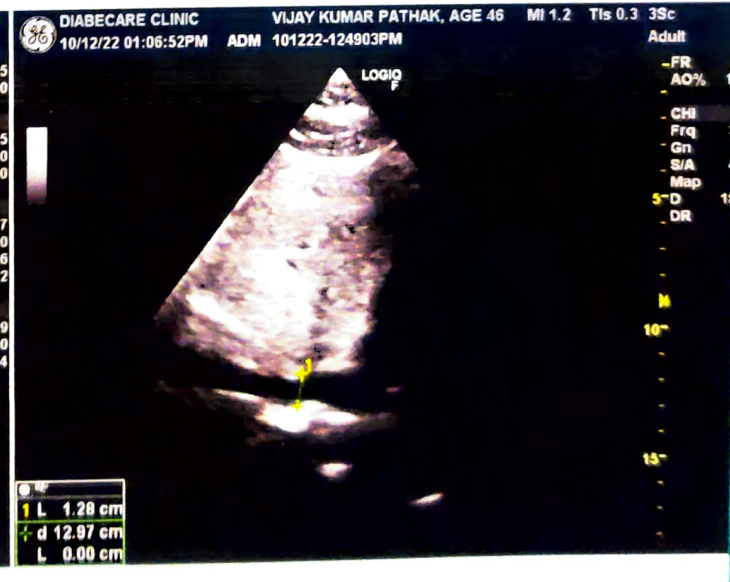
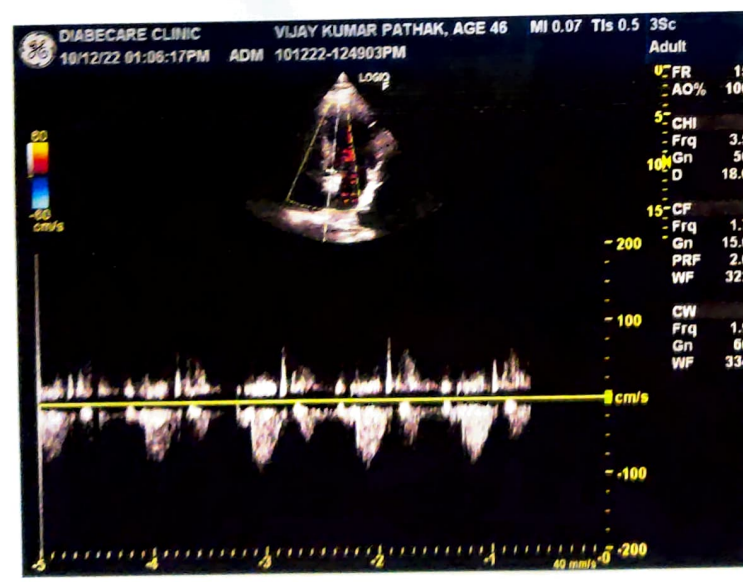
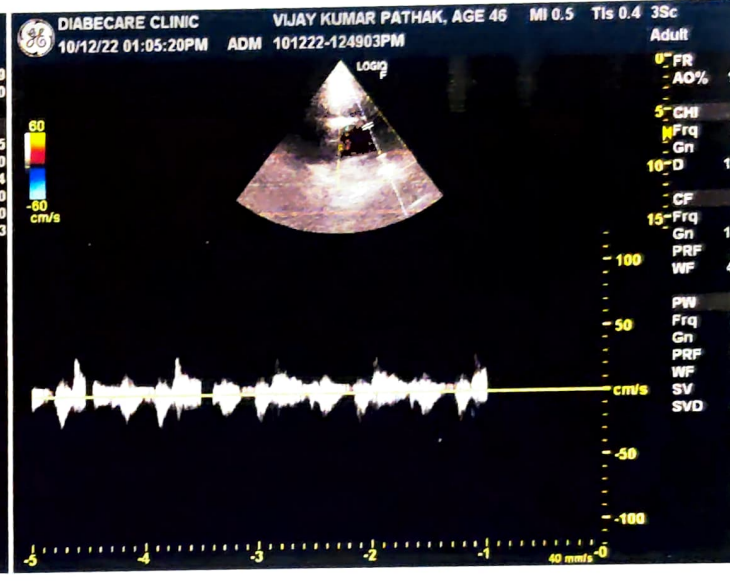
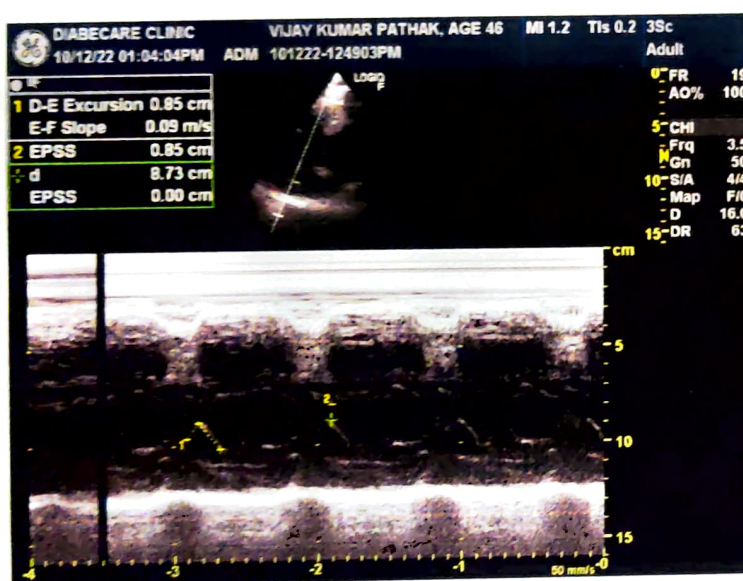
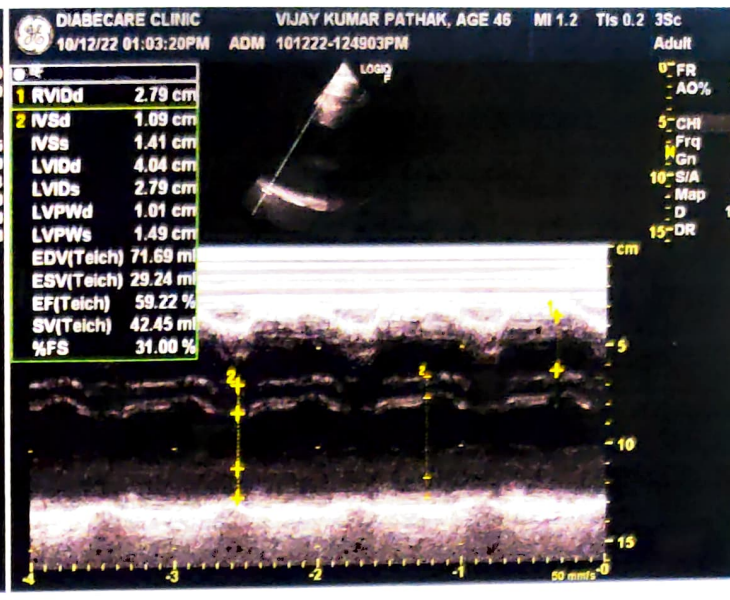
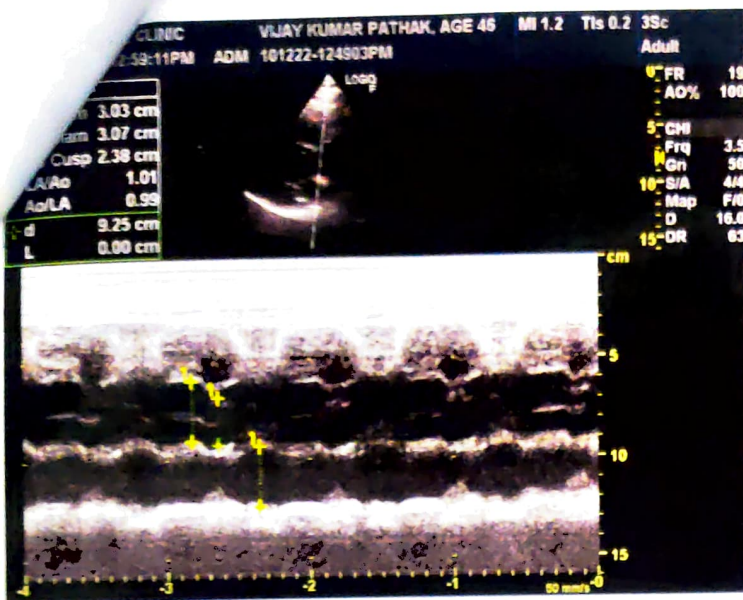
**Doppler Findings- I**



**Dr. Mahesh Padsalge**

*Dr. Mahesh V. Padsalge*

MD. (Medicine)  
 Consultant Physician  
 Reg. No. 10419 (MMC)



Vijay kumar pathak  
ID: age 46

10.12.2022 12:54:32  
DIABECARE-DIABETES & ENDOCRINE  
OPP. GRAND CENTRAL MALL  
SEAWOOD

Male

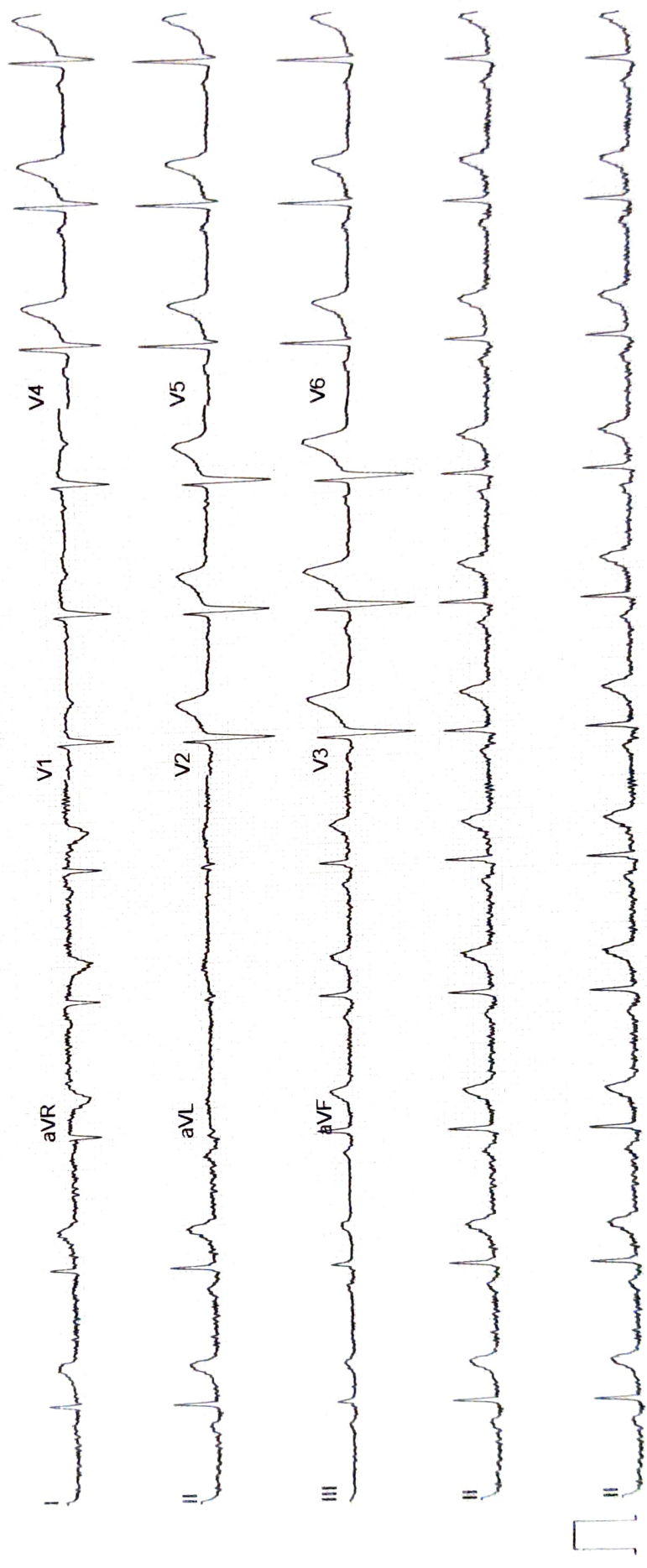
QRS : 80 ms  
QT / QTcBaz : 390 / 408 ms  
PR : 164 ms  
P : 104 ms  
RR / PP : 902 / 909 ms  
P / QRS / T : 60 / 56 / 47 degrees

Normal sinus rhythm  
Normal ECG

66 bpm  
-- / -- mmHg

*Handwritten:* 62 min normal sinus

*Signature:* Dr. Mahesh V. Padsalge  
MD. (Medicine)  
Consultant Physician  
Reg. No. 91244 (MMC)



10/12/2022

Mr. Vijay Kumar Pathark 46/M

ophth

(R)

(L)

VA

6/6

6/6

N6 Aided

N6 Aided

Ant seg

(N)

(N)

(F)

NMS

NMS

Color vn

(N)

(N)

(150) WNR

ly



*CSB*  
Dr. Mahesh V. Padsalge  
MD. (Medicine)  
Consultant Physician  
Reg. No. 91474 (MMC)