

CONCLUSION OF HEALTH CHECKUP

ECU Number : 7814	MR Number : 23221551	Patient Name: PRADEEP BARIA
Age : 41	Sex : Male	Height : 165
Weight : 79	Ideal Weight : 63	BMI : 29.02
Date : 22/12/2023		

Dr. Manish Mittal

Internal Medicine

Note : General Physical Examination & routine Investigations included in the Health Checkup have certain limitations and may not be able to detect all the latent and asymptomatic diseases.



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ECU Number : 7814

MR Number : 23221551

Patient Name: PRADEEP BARIA

Age : 41

Sex : Male

Height : 165

Weight : 79

Ideal Weight : 63

BMI : 29.02

Date : 22/12/2023

Past H/O : K/C/O DISLIPIDAEMIA , HYPOTHYROIDISM , HTN
T. THYRONORM 75MCG 1--0--0

Present H/O : NO MEDICAL COMPLAINTS AT PRESENT.

Family H/O : FATHER , MOTHER : HTN

Habits : NO

Gen.Exam. : G.C. GOOD

B.P : 130/90 mm Hg

Pulse : 100/MIN REG.

Others : SPO2 98 %

C.V.S : NAD

R.S. : NAD

Abdomen : NP

Spleen : NP

Skin : NAD

C.N.S : NAD

Advice :





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Height : 165
BMI : 29.02

Ophthalmic Check Up :

Right

Left

Ext Exam

NORMAL

Vision Without Glasses

6/6 - 1.75 D SPH

6/6 0 1.75 D SPH

Vision With Glasses

N.6 - 0.75 D SPH

N.6 - 0.75 D SPH

Final Correction

-

-

Fundus

NORMAL

Colour Vision

NORMAL

Advice

NIL

Orthopedic Check Up :

Ortho Consultation

Ortho Advice

ENT Check Up :

Ear

Nose

Throat

Hearing Test

ENT Advice

General Surgery Check Up :

General Surgery

Abdominal Lump

Hernia

External Genitals

PVR

Proctoscopy

Any Other

Surgical Advice





Patient Name : Mr. PRADEEP BARIA
 Gender / Age : Male / 41 Years 6 Months 21 Days
 MR No / Bill No. : 23221551 / 242060809
 Consultant : Dr. BAGH Doctor
 Location : OPD

Type : OPD
 Request No. : 183661
 Request Date : 22/12/2023 08:45 AM
 Collection Date : 22/12/2023 09:28 AM
 Approval Date : 22/12/2023 02:33 PM

CBC + ESR

Test	Result	Units	Biological Ref. Range
Haemoglobin.			
Haemoglobin	14.5	gm/dL	13 - 17
Red Blood Cell Count (T-RBC)	<u>5.65</u>	mill/cmm	4.5 - 5.5
Hematocrit (HCT)	45.3	%	40 - 50
Mean Corpuscular Volume (MCV)	<u>80.2</u>	fl	83 - 101
Mean Corpuscular Haemoglobin (MCH)	<u>25.7</u>	pg	27 - 32
MCH Concentration (MCHC)	32.0	%	31.5 - 34.5
Red Cell Distribution Width (RDW-CV)	13.1	%	11.6 - 14
Red Cell Distribution Width (RDW-SD)	<u>37.7</u>	fl	39 - 46
Total Leucocyte Count (TLC)			
Total Leucocyte Count (TLC)	7.33	thou/cmm	4 - 10
Differential Leucocyte Count			
Polymorphs	73	%	40 - 80
Lymphocytes	<u>17</u>	%	20 - 40
Eosinophils	02	%	1 - 6
Monocytes	08	%	2 - 10
Basophils	00	%	0 - 2
Polymorphs (Abs. Value)	5.38	thou/cmm	2 - 7
Lymphocytes (Abs. Value)	1.27	thou/cmm	1 - 3
Eosinophils (Abs. Value)	<u>0.10</u>	thou/cmm	0.2 - 0.5
Monocytes (Abs. Value)	0.56	thou/cmm	0.2 - 1
Basophils (Abs. Value)	0.02	thou/cmm	0.02 - 0.1
Immature Granulocytes	0.4	%	1 - 3 : Borderline > 3 : Significant
Platelet Count			
Platelet Count	184	thou/cmm	150 - 410
Remarks	This is counter generated CBC Report, smear review is not done		
ESR	<u>14</u>	mm/1 hr	0 - 10

Test Results are dependent on a number of variables & technical limitations. Hence, it is advised to correlate with clinical findings and other related investigations before any firm opinion is made. Recheck / repeat may be requested.

365-Days / 24 Hours Laboratory Services

Home Collection Facility Available
(Mon To Sat 8:00 am to 5:00 pm)



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DEPARTMENT OF LABORATORY MEDICINE

Patient Name	: Mr. PRADEEP BARIA	Type	: OPD
Gender / Age	: Male / 41 Years 6 Months 21 Days	Request No.	: 183661
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CBC + ESR

Immature Granulocyte (IG) count is a useful early marker of infection or inflammation, even when other markers are normal. It is an early and rapid discrimination of bacterial from viral infections. It is also increased in patients on steroid therapy / chemotherapy or haematological malignancy. High IG is always pathological; except in pregnancy and neonates of < 7 days.

Method : HB by Non-Cyanide Hemoglobin analysis method. HCT by RBC pulse height detection method. RBC, TLC & PLC are by Particle Count by Electrical Impedance in Cell Counter by Fluorescent flow cytometry using a semi-conductor laser and hydrodynamic focusing in dedicated channels. Optical Platelets by Fluorescent + Laser Technology. MCV, MCH, MCHC, RDW (CV & SD) are calculated parameter. DLC by Flowcytometry method using semi-conductor Laser+Smear verification.

IR on ESL-30, comparable to Westergrens method and in accordance to ICSH reference method.

---- End of Report ----

Dr. Rakesh Vaidya
MD (Path). DCP.

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DEPARTMENT OF LABORATORY MEDICINE

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Gender / Age : Male / 41 Years 6 Months 21 Days
MR No / Bill No. : 23221551 / 242060809
Consultant : Dr. BAGH Doctor
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Haematology

Test	Result	Units	Biological Ref. Range
Blood Group			
ABO system	O		
Rh system.	Positive		

By Gel Technology / Tube Agglutination Method

Note :

- This blood group has been done with new sensitive Gel Technology using both Forward and Reverse Grouping Card with Autocon.
- This method check`s group both on Red blood cells and in Serum for "ABO" group.

---- End of Report ----

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MD (Path), DCP.

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DEPARTMENT OF LABORATORY MEDICINE

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Fasting Plasma Glucose

Test	Result	Units	Biological Ref. Range
<i>Fasting Plasma Glucose</i>			
Fasting Plasma Glucose	89	mg/dL	70 - 110
Post Prandial 2 Hr. Plasma Glucose	92	mg/dL	70 - 140

By Hexokinase method on EXL Dade Dimension

---- End of Report ----

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Complete Lipid Profile

Test	Result	Units	Biological Ref. Range
Complete Lipid Profile			
Appearance	Clear		
Triglycerides	103	mg/dL	1 - 150
<i>(Done by Lipase /Glycerol kinase on Vitros 5600)</i>			
<i>< 150 Normal</i>			
<i>150-199 Borderline High</i>			
<i>200-499 High</i>			
<i>> 499 Very High)</i>			
Total Cholesterol	178	mg/dL	1 - 200
<i>(Done by Colorimetric - Cholesterol Oxidase, esterase, peroxidase on Vitros 5600.</i>			
<i><200 mg/dL - Desirable</i>			
<i>200-239 mg/dL - Borderline High</i>			
<i>> 239 mg/dL - High)</i>			
HDL Cholesterol	51	mg/dL	40 - 60
<i>(Done by Colorimetric: non HDL precipitation method PTAMgCl2 on Vitros 5600</i>			
<i>< 40 Low</i>			
<i>> 60 High)</i>			
Non HDL Cholesterol (calculated)	127	mg/dL	1 - 130
<i>(Non- HDL Cholesterol</i>			
<i>< 130 Desirable</i>			
<i>139-159 Borderline High</i>			
<i>160-189 High</i>			
<i>> 191 Very High)</i>			
LDL Cholesterol	107	mg/dL	1 - 100
<i>(Done by Enzymatic (Two Step CHE/CHO/POD) on Vitros 5600</i>			
<i>< 100 Optimal</i>			
<i>100-129 Near / above optimal</i>			
<i>130-159 Borderline High</i>			
<i>160-189 High</i>			
<i>> 189 Very High)</i>			
VLDL Cholesterol (calculated)	20.6	mg/dL	12 - 30
LDL Ch. / HDL Ch. Ratio	2.1		2.1 - 3.5
T. Ch./HDL Ch. Ratio	3.49		3.5 - 5
<i>(Recent NECP / ATP III Guidelines / Classification (mg/dl) :)</i>			

--- End of Report ---

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Liver Function Test (LFT)

Test	Result	Units	Biological Ref. Range
Bilirubin			
Bilirubin - Total	1.54	mg/dL	0 - 1
Bilirubin - Direct	0.29	mg/dL	0 - 0.3
Bilirubin - Indirect	1.25	mg/dL	0 - 0.7
<i>(Done by Dual Wavelength - Reflectance Spectrophotometry on Vitros 5600)</i>			
Aspartate Aminotransferase (SGOT/AST)	23	U/L	15 - 40
<i>(Done by Multipoint Rate Colorimetric with P-5-P on Vitros 5600)</i>			
Alanine Aminotransferase (SGPT/ALT)	42	U/L	16 - 63
<i>(Done by Multipoint-Rate/Colorimetric with P-5-P (pyridoxa-5-phosphate) on Vitros 5600)</i>			
Alkaline Phosphatase	84	U/L	53 - 128
<i>(Done by Multipoint-Rate - p-nitrophenyl Phosphate, AMP buffer on Vitros 5600)</i>			
Gamma Glutamyl Transferase (GGT)	35	U/L	15 - 85
<i>(Done by Multipoint Rate - L-γ²-glutamyl-p-nitroanilide on Vitros 5600)</i>			
Total Protein			
Total Proteins	7.10	gm/dL	6.4 - 8.2
Albumin	3.77	gm/dL	3.4 - 5
Globulin	3.33	gm/dL	3 - 3.2
A : G Ratio	1.13		1.1 - 1.6
<i>(Done by Biuret endpoint and Bromocresol green method on vitros 5600.)</i>			

---- End of Report ----

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Renal Function Test (RFT)

Test	Result	Units	Biological Ref. Range
Urea <i>(Done by Endpoint/Colorimetric - Urease on Vitros 5600)</i>	22	mg/dL	10 - 45
BUN	10.28	mg/dL	5 - 21
Creatinine <i>(By Modified Kinetic Jaffe Technique)</i>	1.26	mg/dL	0.9 - 1.3
Estimate Glomerular Filtration rate <i>(Ref. range : > 60 ml/min for adults between age group of 18 to 70 yrs. EGFR Calculated by IDMS Traceable MDRD Study equation. Reporting of eGFR can help facilitate early detection of CKD. By Modified Kinetic Jaffe Technique)</i>	More than 60		
Uric acid <i>(Done by Colorimetric - Uricase, Peroxidase on Vitros 5600)</i>	6.7	mg/dL	3.4 - 7.2

— End of Report —

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HbA1c (Glycosylated Hb)

Test	Result	Units	Biological Ref. Range
HbA1c (Glycosylated Hb)			
Glycosylated Hemoglobin (HbA1c)	5.2	%	
estimated Average Glucose (e AG) *	102.54	mg/dL	

(Method:

By Automated HPLC analyser on D-10 Biorad. NGSP Certified, US-FDA approved, Traceable to IFCC reference method.

* Calculated valued for past 60 days, derived from HbA1c %, based on formula recommended by the A1c - Derived Average Glucose study from AD and EASD funded The ADAG trial.

Guidelines for Interpretation:

Indicated Glycemic control of previous 2-3 months

HbA1c%	e AG (mg/dl)	Glycemic control
> 8	> 183	Action suggested...High risk of developing long-term complications. Action suggested, depends on individual patient circumstances
7 - 8	154 - 183	Good
< 7	< 154	Goal...Some danger of hypoglycemic reaction in type I Diabetics. Some Glucose intolerant individuals and Sub-Clinical diabetics may demonstrate (elevated) HbA1c in this area.
6 - 7	126 - 154	Near Normal
< 6	< 126	Nondiabetic level)

--- End of Report ---

Dr. Rakesh Vaidya
MD (Path). DCP.



Patient Name : Mr. PRADEEP BARIA Type : OPD
 Gender / Age : Male / 41 Years 6 Months 21 Days Request No. : 183661
 MR No / Bill No. : 23221551 / 242060809 Request Date : 22/12/2023 08:45 AM
 Consultant : Dr. BAGH Doctor Collection Date : 22/12/2023 09:28 AM
 Location : OPD Approval Date : 22/12/2023 02:15 PM

PSA (Prostate Specific Antigen)

Test	Result	Units	Biological Ref. Range
Total PSA	0.289	ng/ml	0 - 4

(Method : Done by CLIA based method on automated immunoassay Vitros 5600.)

Remark :

Age related reference range for interpretation :

< 40 yrs : 0.21 - 1.72

40 - 49 yrs : 0.27 - 2.19

50 - 59 yrs : 0.27 - 3.42

60 - 69 yrs : 0.27 - 6.16

>69 yrs : 0.21 - 6.77

TPSA may be raised usually mildly in benign prostatic conditions like hyperplasia. Typically 30 % of BPH may show values between 4-10 and 7 % between 10-40.

In Prostatic Malignancy 43 % show values below 4

21 % between 4 to 10

20 % between 10 to 40 &

16 % above 40)

--- End of Report ---

Dr. Rakesh Vaidya
MD (Path). DCP.



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 Gender / Age : Male / 41 Years 6 Months 21 Days
 MR No / Bill No. : 23221551 / 242060809
 Consultant : Dr. BAGH Doctor
 Location : OPD

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 Request No. : 183661
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Thyroid Hormone Study

Test	Result	Units	Biological Ref. Range
Triiodothyronine (T3)	0.679	ng/ml	
<i>(Done by CLIA based method on automated immunoassay Vitros 5600.</i>			
<i>Reference interval (ng/ml)</i>			
1 - 3 days	: 0.1 - 7.4		
1-11 months	: 0.1 - 2.45		
1-5 years	: 0.1 - 2.7		
6-10 years	: 0.9 - 2.4		
11-15 years	: 0.8 - 2.1		
16-20 years	: 0.8 - 2.1		
Adults (20 - 50 years)	: 0.7 - 2.0		
Adults (> 50 years)	: 0.4 - 1.8		
Pregnancy (in last 5 months)	: 1.2 - 2.5		
<i>(Reference : Tietz - Clinical guide to laboratory test, 4th edition)</i>			
Thyroxine (T4)	5.75	mcg/dL	
<i>(Done by CLIA based method on automated immunoassay Vitros 5600.</i>			
<i>Reference interval (mcg/dL)</i>			
1 - 3 days	: 11.8 - 22.6		
1 - 2 weeks	: 9.8 - 16.6		
1 - 4 months	: 7.2 - 14.4		
4 - 12 months	: 7.8 - 16.5		
1-5 years	: 7.3 - 15.0		
5 - 10 years	: 6.4 - 13.3		
10 - 20 years	: 5.6 - 11.7		
Adults / male	: 4.6 - 10.5		
Adults / female	: 5.5 - 11.0		
Adults (> 60 years)	: 5.0 - 10.7		
<i>(Reference : Tietz - Clinical guide to laboratory test, 4th edition)</i>			
Thyroid Stimulating Hormone (US-TSH)	7.58	microIU/ml	
<i>(Done by CLIA based method on automated immunoassay Vitros 5600.</i>			
<i>Reference interval (microIU/ml)</i>			
Infants (1-4 days)	: 1.0 - 39		
2-20 weeks	: 1.7 - 9.1		
5 months - 20 years	: 0.7 - 6.4		
Adults (21 - 54 years)	: 0.4 - 4.2		
Adults (> 55 years)	: 0.5 - 8.9		
<i>Pregnancy :</i>			
1st trimester	: 0.3 - 4.5		
2nd trimester	: 0.5 - 4.6		
3rd trimester	: 0.8 - 5.2		
<i>(Reference : Tietz - Clinical guide to laboratory test, 4th edition)</i>			

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--- End of Report ---

Dr. Rakesh Vaidya
MD (Path). DCP.



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Urine routine analysis (Auto)

Test	Result	Units	Biological Ref. Range
Physical Examination			
Quantity	30	mL	
Colour	Pale Yellow		
Appearance	Clear		
Chemical Examination (By Reagent strip method)			
pH	6.0		
Specific Gravity	1.020		
Protein	Negative	gm/dL	0 - 5
Glucose	Negative	mg/dL	0 - 5
Ketones	Negative		0 - 5
Bilirubin	Negative		Negative
Urobilinogen	Negative		Negative (upto 1)
Blood	Negative		Negative
Leucocytes	Negative		Negative
Nitrite	Negative		Negative
Microscopic Examination (by Microscopy after Centrifugation at 2000 rpm for 10 min or on fully automated Sysmex urine sedimentation analyzer UF4000)			
Red Blood Cells	0 - 1	/hpf	0 - 2
Leucocytes	0 - 1	/hpf	0 - 5
Epithelial Cells	0 - 1	/hpf	0 - 5
Casts	Nil	/lpf	Nil
Crystals	Nil	/hpf	Nil
Mucus	Absent	/hpf	Absent
Organism	Absent		

---- End of Report ----

Dr. Ameer Soni
MD (Path)



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ADVANCED DIGITAL SOLUTIONS

Computerized Radiography

Ultra Sensitive Colour Doppler

Ultra High Resolution Sonography

Multi-Detector CT Scan

Magnetic Resonance Imaging (MRI)

Mammography

Interventional Radiology

Digital Subtraction Angiography (DSA)

Foetal Echocardiography

Echocardiography

4D USG & Doppler

DEPARTMENT OF DIAGNOSTIC RADIOLOGY

Patient No. : 23221551 Report Date : 22/12/2023
 Request No. : 190093783 22/12/2023 8.45 AM
 Patient Name : Mr. PRADEEP BARIA
 Gender / Age : Male / 41 Years 6 Months 21 Days

X-Ray Chest AP

Both lung fields are clear.
 Both costophrenic sinuses appear clear.
 Heart size is normal.
 Hilar shadows show no obvious abnormality.
 Aorta is normal.

• ULTRA SONOGRAPHY CANNOT DETECT ALL ABNORMALITIES
 • NOT VALID FOR MEDICO-LEGAL PURPOSES
 • CLINICAL CORRELATION RECOMMENDED

Dr. Priyanka Patel, MD.
 Consultant Radiologist



Patient No. : 23221551 Report Date : 22/12/2023
Request No. : 190093769 22/12/2023 8.45 AM
Patient Name : Mr. PRADEEP BARIA
Gender / Age : Male / 41 Years 6 Months 21 Days

USG : Screening for Abdomen (excluding Pelvis) Or Upper Abdomen

Liver is normal in size and echopattern. No mass lesion identified. The hepatic veins are clear and patent. PV patent. No dilated IHBR.

Gall bladder is partially distended and shows no obvious abnormality. Common bile duct is not dilated.

Pancreas shows no obvious abnormality. Tail obscured.
Spleen is normal size and echopattern.

Both kidneys are normal in shape and position. Normal echogenicity and cortico medullary differentiation is noted. No hydronephrosis or mass lesion seen.

No ascites.

COMMENT:

- No obvious abnormality .

Kindly correlate clinically



**Dr. Ravij Patel, M.D (RADIO
DIAGNOSIS)**
Consultant Radiologist



ECU

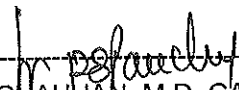
Patient No. : 23221551 Report Date : 22/12/2023
Request No. : 190093791 22/12/2023 8.45 AM
Patient Name : **Mr. PRADEEP BARIA**
Gender / Age : Male / 41 Years 6 Months 21 Days

Echo Color Doppler

MITRAL VALVE : NORMAL, NO MR, NO MS
AORTIC VALVE : NORMAL, NO AR, NO AS
TRICUSPID VALVE : NORMAL, NO TR, NO PAH
PULMONARY VALVE : NORMAL
LEFT ATRIUM : NORMAL
AORTA : NORMAL
LEFT VENTRICLE : NORMAL LV SIZE AND SYSTOLIC FUNCTION LVEF -- 65%, NO
RESTING REGIONAL WALL MOTION ABNORMALITY
RIGHT ATRIUM : NORMAL
RIGHT VENTRICLE : NORMAL
I.V.S. : INTACT
I.A.S. : INTACT
PULMONARY ARTERY : NORMAL
PERICARDIUM : NORMAL
COLOUR/DOPPLER FLOW MAPPING : NO MR // AR // TR, NO PAH

FINAL CONCLUSION:

1. NORMAL SIZED ALL CARDIAC CHAMBERS, NO LVH
2. NORMAL LV SYSTOLIC FUNCTION, LVEF -- 65%
3. NO REGIONAL WALL MOTION ABNORMALITY
4. NORMAL DIASTOLIC FUNCTION
5. NORMAL RIGHT HEART SIZE AND RV PRESSURES
6. NORMAL CARDIAC VALVES, NO MITRAL // AORTIC STENOSIS
7. NO PERICARDIAL EFFUSION, CLOT OR VEGETATION SEEN, SR+.


Dr. V.C. CHAUHAN, M.D., CARD.

BHAILAL AMIN GENERAL HOSPITAL
BHAILAL AMIN MARG,
VADODARA-3, PH-(0265) 3956222

Station
Telephone: 0265-3956222,3956024.

EXERCISE STRESS TEST REPORT

Patient Name: PRADDEP BARIA
Patient ID: 2120
Height: 165 cm
Weight: 79 kg

DOB: 02.06.1982
Age: 41yrs
Gender: Male
Race: Indian

Study Date: 22.12.2023
Test Type: Treadmill Stress Test
Protocol: BRUCE

Referring Physician: HCP
Attending Physician: DR V.C.CHAUHAN
Technician: PRATAP RATHVA

Medications:

Medical History:

Reason for Exercise Test:
Screening for CAD

Exercise Test Summary

Phase Name	Stage Name	Time in Stage	Speed (mph)	Grade (%)	HR (bpm)	BP (mmHg)	Comment
PRETEST	SUPINE	00:04	0.00	0.00	85	140/80	
EXERCISE	WARM UP	01:58	1.00	0.00	102	140/80	
	STAGE 1	01:02	1.70	10.00	115		
	STAGE 2	03:00	2.50	12.00	130	140/80	
	STAGE 3	02:22	3.40	14.00	153	140/80	
RECOVERY		03:12	0.00	0.00	106	170/90	

The patient exercised according to the BRUCE for 6:22 min:s, achieving a work level of Max. METS: 10.10. The resting heart rate of 86 bpm rose to a maximal heart rate of 155 bpm. This value represents 86% of the maximal, age-predicted heart rate. The resting blood pressure of 140/80 mmHg, rose to a maximum blood pressure of 170/90 mmHg. The exercise test was stopped due to Target heart rate achieved.

Interpretation

Summary: Resting ECG: normal.
Functional Capacity: normal.
HR Response to Exercise: appropriate.
BP Response to Exercise: normal resting BP - appropriate response.
Chest Pain: none.
Arrhythmias: none.
ST Changes: none.
Overall impression: Normal stress test.

Conclusions

Good effort tolerance, Normal HR and BP Response, No ANGINA and ARRHYTHMIAS during test, No Significant ST-T Changes seen during Peak exercise and Recovery, Stress test is NEGATIVE for inducible myocardial ischemia

CONFIRMED BY : DR V.C.CHAUHAN

Patient ID E.c.u

Standard 12-Lead

Ref. phys.

HR 82 bpm

RR 729 ms

Age 0-41Y

Gender Male

P 105 ms

PR 135 ms

Unconfirmed report

P axis 37°

QRS 71 ms

QRS axis 39°

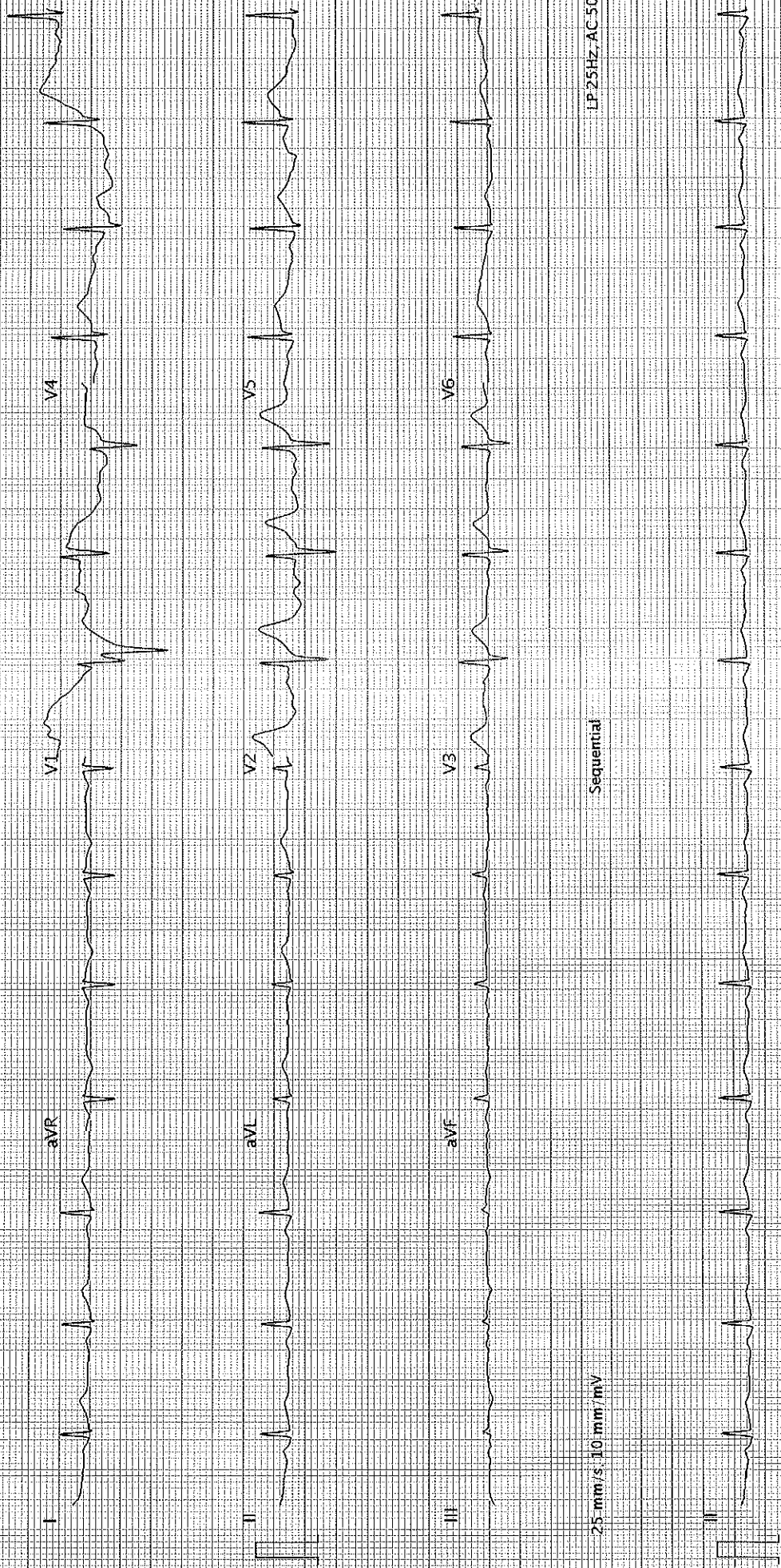
QT 330 ms

T axis 15°

QTcB 387 ms

Handwritten note: Normal ECG

Remark



Sequential

LP 25Hz AC 50Hz

25 mm/s 10 mm/mV

LP 25Hz AC 50Hz