

**CONCLUSION OF HEALTH CHECKUP**


ECU Number : 9281  
Age : 42  
Weight : 85  
Date : 12/02/2024

MR Number : 23228185  
Sex : Male  
Ideal Weight : 74

Patient Name : MANDEEP KUMAR  
Height : 179  
BMI : 26.53

*Dyslipidemia  
Fatty Liver*

*As  
Fibrosis  
Lj styl myocardial*



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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Weight : 85  
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Ideal Weight : 74

Patient Name: MANDEEP KUMAR  
Height : 179  
BMI : 26.53

Past H/O : K/C/O DYSLIPIDAEMIA

Present H/O : NO MEDICAL COMPLAINTS AT PRESENT.

Family H/O : BOTH PARENTS DIED

Habits : NO

Gen.Exam. : G.C. GOOD

B.P : 132/80

Pulse : 90/MIN REG.

Others : SPO2 98 %

C.V.S : NAD

R.S. : NAD

Abdomen : NP

Spleen : NP

Skin : NAD

C.N.S : NAD

Advice :



# BHAILAL AMIN GENERAL HOSPITAL



ECU Number : 9281  
Age : 42  
Weight : 85  
Date : 12/02/2024

MR Number : 23228185  
Sex : Male  
Ideal Weight : 74

Patient Name: MANDEEP KUMAR  
Height : 179  
BMI : 26.53

Ophthalmic Check Up :	Right	Left
Ext Exam		NORMAL
Vision Without Glasses	-	-
Vision With Glasses	-	-
Final Correction	- 0.75 / - 0.50 CYL ! 30 ADD + 1.25	- 0.75 SPH ADD + 1.25
Indus	NORMAL	
Colour Vision	NORMAL	
Advice	NIL	
<b>Orthopaedic Check Up :</b>		
Ortho Consultation		
Ortho Advice		
<b>ENT Check Up :</b>		
Ear	BTM INTACT	
Nose	NAD	
Throat	NAD	
Hearing Test	NORMAL	
ENT Advice	NIL	
<b>General Surgery Check Up :</b>		
General Surgery		
Abdominal Lump		
Hernia		
External Genitals		
PVR		
Proctoscopy		
Any Other		
Surgical Advice		





Patient Name : Mr. MANDEEP KUMAR Type : OPD  
 Gender / Age : Male / 42 Years 7 Months 14 Days Request No. : 198787  
 MR No / Bill No. : 23228185 / 242081688 Request Date : 10/02/2024 10:03 AM  
 Consultant : Dr. Manish Mittal Collection Date : 10/02/2024 10:08 AM  
 Location : OPD Approval Date : 10/02/2024 02:50 PM

## CBC + ESR

Test	Result	Units	Biological Ref. Range
<b>Haemoglobin.</b>			
Haemoglobin	13.8	gm/dL	13 - 17
Red Blood Cell Count (T-RBC)	<b>4.34</b>	mill/cmm	4.5 - 5.5
Hematocrit (HCT)	41.6	%	40 - 50
Mean Corpuscular Volume (MCV)	95.9	fl	83 - 101
Mean Corpuscular Haemoglobin (MCH)	31.8	pg	27 - 32
MCH Concentration (MCHC)	33.2	%	31.5 - 34.5
Red Cell Distribution Width (RDW-CV)	12.8	%	11.6 - 14
Red Cell Distribution Width (RDW-SD)	45.3	fl	39 - 46
<b>Total Leucocyte Count (TLC)</b>			
Total Leucocyte Count (TLC)	6.83	thou/cmm	4 - 10
<b>Differential Leucocyte Count</b>			
Polymorphs	60	%	40 - 80
Lymphocytes	28	%	20 - 40
Eosinophils	06	%	1 - 6
Monocytes	06	%	2 - 10
Basophils	00	%	0 - 2
Polymorphs (Abs. Value)	4.11	thou/cmm	2 - 7
Lymphocytes (Abs. Value)	1.91	thou/cmm	1 - 3
Eosinophils (Abs. Value)	0.38	thou/cmm	0.2 - 0.5
Monocytes (Abs. Value)	0.39	thou/cmm	0.2 - 1
Basophils (Abs. Value)	0.04	thou/cmm	0.02 - 0.1
Immature Granulocytes	0.4	%	1 - 3 : Borderline > 3 : Significant
<b>Platelet Count</b>			
Platelet Count	176	thou/cmm	150 - 410
Remarks	This is counter generated CBC report, smers review		
ESR	<b>27</b>	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. MANDEEP KUMAR	Type	: OPD
Gender / Age	: Male / 42 Years 7 Months 14 Days	Request No.	: 198787
MR No / Bill No.	: 23228185 / 242081688	Request Date	: 10/02/2024 10:03 AM
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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.

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

---- End of Report ----

Dr. Ameer Soni  
MD (Path)

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DEPARTMENT OF LABORATORY MEDICINE

Patient Name : Mr. MANDEEP KUMAR  
Gender / Age : Male / 42 Years 7 Months 14 Days  
MR No / Bill No. : 23228185 / 242081688  
Consultant : Dr. Manish Mittal  
Location : OPD

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**Haematology**

Test	Result	Units	Biological Ref. Range
<b>Blood Group</b>			
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 Autocontro  
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)

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DEPARTMENT OF LABORATORY MEDICINE

Patient Name : Mr. MANDEEP KUMAR  
Gender / Age : Male / 42 Years 7 Months 14 Days  
MR No / Bill No. : 23228185 / 242081688  
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**Fasting Plasma Glucose**

Test	Result	Units	Biological Ref. Range
<i>Fasting Plasma Glucose</i>			
Fasting Plasma Glucose	101	mg/dL	70 - 110
Post Prandial 2 Hr. Plasma Glucose	109	mg/dL	70 - 140

By Hexokinase method on EXL Dade Dimension

--- End of Report ---

Dr. Ameer Soni  
MD (Path)

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 Gender / Age : Male / 42 Years 7 Months 14 Days  
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**HbA1c (Glycosylated Hb)**

Test	Result	Units	Biological Ref. Range
<b>HbA1c (Glycosylated Hb)</b>			
Glycosylated Heamoglobin (HbA1c)	5.1	%	
estimated Average Glucose (e AG) *	99.67	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 ADA 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.
5 - 7	126 - 154	Near Normal
6	< 126	Nondiabetic level)

---- End of Report ----

Dr. Ameer Soni  
MD (Path)





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**Liver Function Test (LFT)**

Test	Result	Units	Biological Ref. Range
<b>Bilirubin</b>			
Bilirubin - Total	0.88	mg/dL	0 - 1
Bilirubin - Direct	0.15	mg/dL	0 - 0.3
Bilirubin - Indirect	0.73	mg/dL	0 - 0.7
<i>(Done by Dual Wavelength - Reflectance Spectrophotometry on Vitros 5600)</i>			
Aspartate Aminotransferase (SGOT/AST)	<b>43</b>	U/L	15 - 40
<i>(Done by Multipoint Rate Colorimetric with P-5-P on Vitros 5600)</i>			
Alanine Aminotransferase (SGPT/ALT)	40	U/L	16 - 63
<i>(Done by Multipoint-Rate/Colorimetric with P-5-P (pyridoxa-5-phosphate) on Vitros 5600)</i>			
Alkaline Phosphatase	103	U/L	53 - 128
<i>(Done by Multipoint-Rate - p-nitrophenyl Phosphate, AMP buffer on Vitros 5600)</i>			
Gamma Glutamyl Transferase (GGT)	55	U/L	15 - 85
<i>(Done by Multipoint Rate - L-γ<sup>3</sup>-glutamyl-p-nitroanilide on Vitros 5600)</i>			
<b>Total Protein</b>			
Total Proteins	8.05	gm/dL	6.4 - 8.2
Albumin	4.50	gm/dL	3.4 - 5
Globulin	3.55	gm/dL	3 - 3.2
A : G Ratio	1.27		1.1 - 1.6
<i>(Done by Biuret endpoint and Bromocresol green method on vitros 5600.)</i>			

---- End of Report ----

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MD (Path)



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**Complete Lipid Profile**

Test	Result	Units	Biological Ref. Range
<b>Complete Lipid Profile</b>			
Appearance	Clear		
Triglycerides	<b>293</b>	mg/dL	1 - 150
<i>(Done by Lipase /Glycerol kinase on Vitros 5600)</i>			
<i>&lt; 150 Normal</i>			
<i>150-199 Borderline High</i>			
<i>200-499 High</i>			
<i>&gt; 499 Very High)</i>			
Total Cholesterol	176	mg/dL	1 - 200
<i>(Done by Colorimetric - Cholesterol Oxidase, esterase, peroxidase on Vitros 5600.</i>			
<i>&lt;200 mg/dL - Desirable</i>			
<i>200-239 mg/dL - Borderline High</i>			
<i>&gt; 239 mg/dL - High)</i>			
HDL Cholesterol	46	mg/dL	40 - 60
<i>(Done by Colorimetric: non HDL precipitation method PTAMgCl2 on Vitros 5600</i>			
<i>&lt; 40 Low</i>			
<i>&gt; 60 High)</i>			
Non HDL Cholesterol (calculated)	130	mg/dL	1 - 130
<i>(Non- HDL Cholesterol</i>			
<i>&lt; 130 Desirable</i>			
<i>139-159 Borderline High</i>			
<i>160-189 High</i>			
<i>&gt; 191 Very High)</i>			
LDL Cholesterol	95	mg/dL	1 - 100
<i>(Done by Enzymatic (Two Step CHE/CHO/POD ) on Vitros 5600</i>			
<i>&lt; 100 Optimal</i>			
<i>100-129 Near / above optimal</i>			
<i>130-159 Borderline High</i>			
<i>160-189 High</i>			
<i>&gt; 189 Very High)</i>			
VLDL Cholesterol (calculated)	58.6	mg/dL	12 - 30
LDL Ch. / HDL Ch. Ratio	2.07		2.1 - 3.5
T. Ch./HDL Ch. Ratio	3.83		3.5 - 5
<i>(Recent NECP / ATP III Guidelines / Classification (mg/dl) :)</i>			

----- End of Report -----

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 Consultant : Dr. Manish Mittal  
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 Request No. : 198787  
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 Collection Date : 10/02/2024 10:08 AM  
 Approval Date : 10/02/2024 03:28 PM

## Thyroid Hormone Study

Test	Result	Units	Biological Ref. Range
Triiodothyronine (T3)	1.39	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)	9.24	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)	4.53	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. Ameer Soni  
MD (Path)



Patient Name : Mr. MANDEEP KUMAR  
 Gender / Age : Male / 42 Years 7 Months 14 Days  
 MR No / Bill No. : 23228185 / 242081688  
 Consultant : Dr. Manish Mittal  
 Location : OPD

Type : OPD  
 Request No. : 198787  
 Request Date : 10/02/2024 10:03 AM  
 Collection Date : 10/02/2024 10:09 AM  
 Approval Date : 10/02/2024 03:27 PM

## Renal Function Test (RFT)

Test	Result	Units	Biological Ref. Range
Urea <i>(Done by Endpoint/Colorimetric - Urease on Vitros 5600)</i>	20	mg/dL	10 - 45
BUN	9.35	mg/dL	5 - 21
Creatinine <i>(By Modified Kinetic Jaffe Technique)</i>	1.09	mg/dL	0.9 - 1.3
Estimate Glomerular Filtration rate <i>(Ref. range : &gt; 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>	5.5	mg/dL	3.4 - 7.2

---- End of Report ----

Dr. Ameer Soni  
MD (Path)



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**PSA (Prostate Specific Antigen)**

Test	Result	Units	Biological Ref. Range
Total PSA	0.401	ng/ml	0 - 4

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

Remark :

Age related reference range for interpretation :

&lt; 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

&gt;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 &amp;

16 % above 40)

---- End of Report ----

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**Urine routine analysis (Auto)**

Test	Result	Units	Biological Ref. Range
<b>Physical Examination</b>			
Quantity	20	mL	
Colour	Pale Yellow		
Appearance	Clear		
<b>Chemical Examination (By Reagent strip method)</b>			
pH	5.5		
Specific Gravity	1.003		
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
<b>Microscopic Examination (by Microscopy after Centrifugation at 2000 rpm for 10 min or on fully automated Sysmex urine sedimentation analyzer UF4000)</b>			
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)



- 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. : 23228185      Report Date : 10/02/2024  
 Request No. : 190102166      10/02/2024 10.03 AM  
 Patient Name : **Mr. MANDEEP KUMAR**  
 Gender / Age : Male / 42 Years 7 Months 14 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





**DEPARTMENT OF DIAGNOSTIC RADIOLOGY**

Patient No. : 23228185 Report Date : 10/02/2024

Request No. : 190102158 10/02/2024 10.03 AM

Patient Name : Mr. MANDEEP KUMAR

Gender / Age : Male / 42 Years 7 Months 14 Days

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

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

Gall bladder is well distended and shows no obvious abnormality. Common bile duct is normal.

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

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:**

- **Mild fatty liver.**

Kindly correlate clinically

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

Dr. Harsh Sanjay Vyas, D N  
B  
Consultant Radiologist





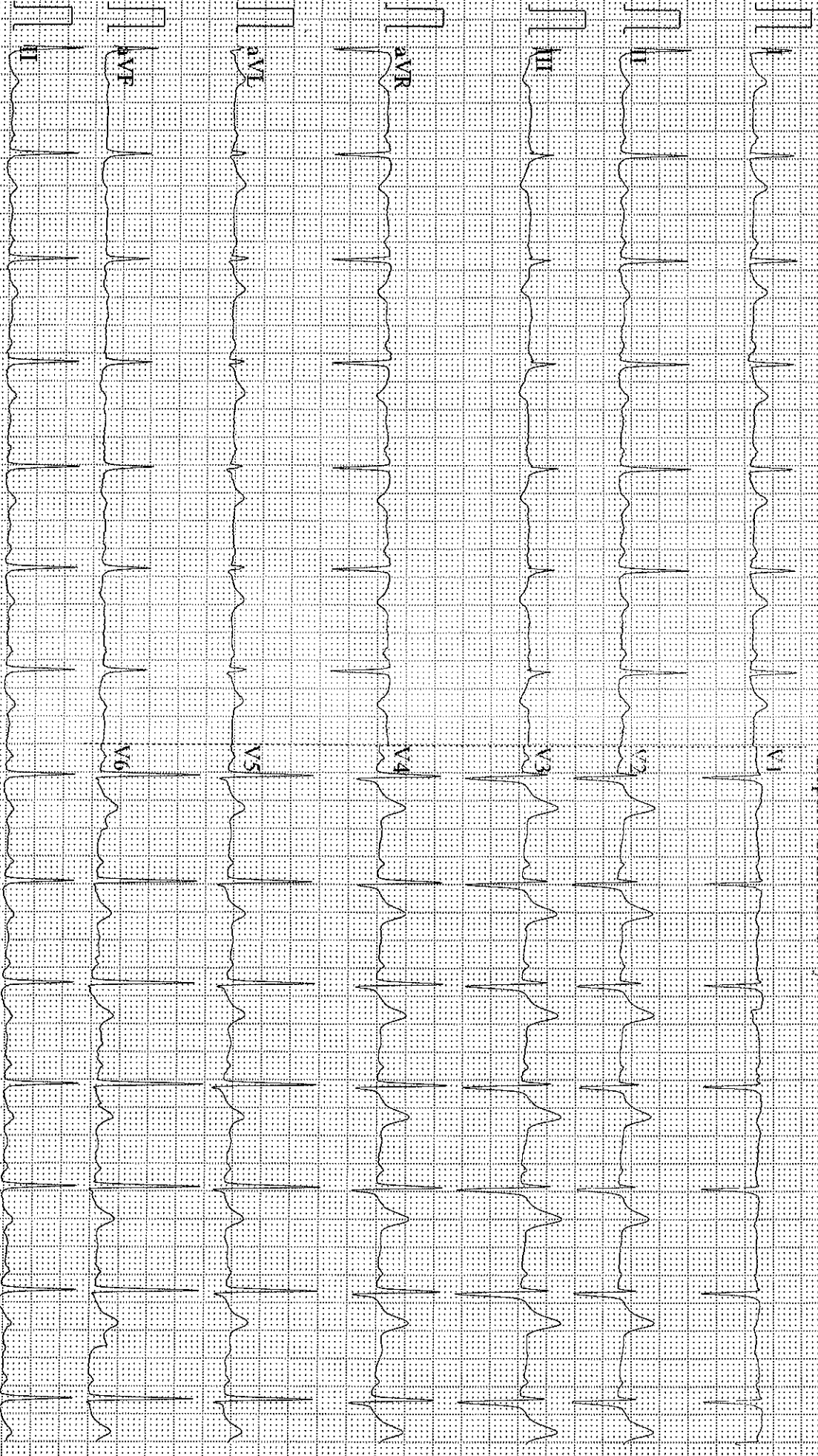
10-02-2024 11:36:43 AM  
ID: 23228185  
MANDHEEP KUMAR  
Male 42 Years

HR 80 bpm  
P 102 ms  
PR 135 ms  
QRS 89 ms  
QT/QTc 357/414 ms  
PQRST 30/531 °  
RV5/SVI 1.54/0.951 mV

Diagnosis Information:  
Sinus Rhythm  
Marked ST-Elevation(V6)

Report Con. Amr. Ty.

Handwritten initials/signature



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

**Station**  
 Telephone: 0265-3956222,3956024.

## EXERCISE STRESS TEST REPORT

Patient Name: MANDEEP KUMAR,  
 Patient ID: 2427  
 Height: 181 cm  
 Weight: 84 kg

DOB: 28.06.1981  
 Age: 42yrs  
 Gender: Male  
 Race: Indian

Study Date: 10.02.2024  
 Test Type: Treadmill Stress Test  
 Protocol: BRUCE

Referring Physician: ARCOFEMI  
 Attending Physician: DR. KILLOL KANERIA  
 Technician: POOJA GUPTA

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	00:44	0.00	0.00	85	130/90	
	WARM UP	00:05	0.50	0.00	85		
EXERCISE	STAGE 1	03:00	1.70	10.00	110	140/90	
	STAGE 2	03:00	2.50	12.00	130	150/90	
	STAGE 3	03:00	3.40	14.00	151	160/90	
	STAGE 4	00:31	4.20	16.00	162	160/90	
RECOVERY		07:14	0.00	0.00	107	130/90	

The patient exercised according to the BRUCE for 9:31 min:s, achieving a work level of Max. METS: 11.70. The resting heart rate of 86 bpm rose to a maximal heart rate of 162 bpm. This value represents 91 % of the maximal, age-predicted heart rate. The resting blood pressure of 130/90 mmHg, rose to a maximum blood pressure of 160/90 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: upsloping ST.  
 Overall impression: Normal stress test.

### Conclusions

Good effort tolerance, Normal HR and BP Response, No ANGINA and ARRHYTHMIAS during test, Upsloping ST depression seen during exercise and recoverd in Recovery, Stress test is NEGATIVE for inducible myocardial ischemia

CONFIRMED BY : DR. KILLOL KANERIA

