

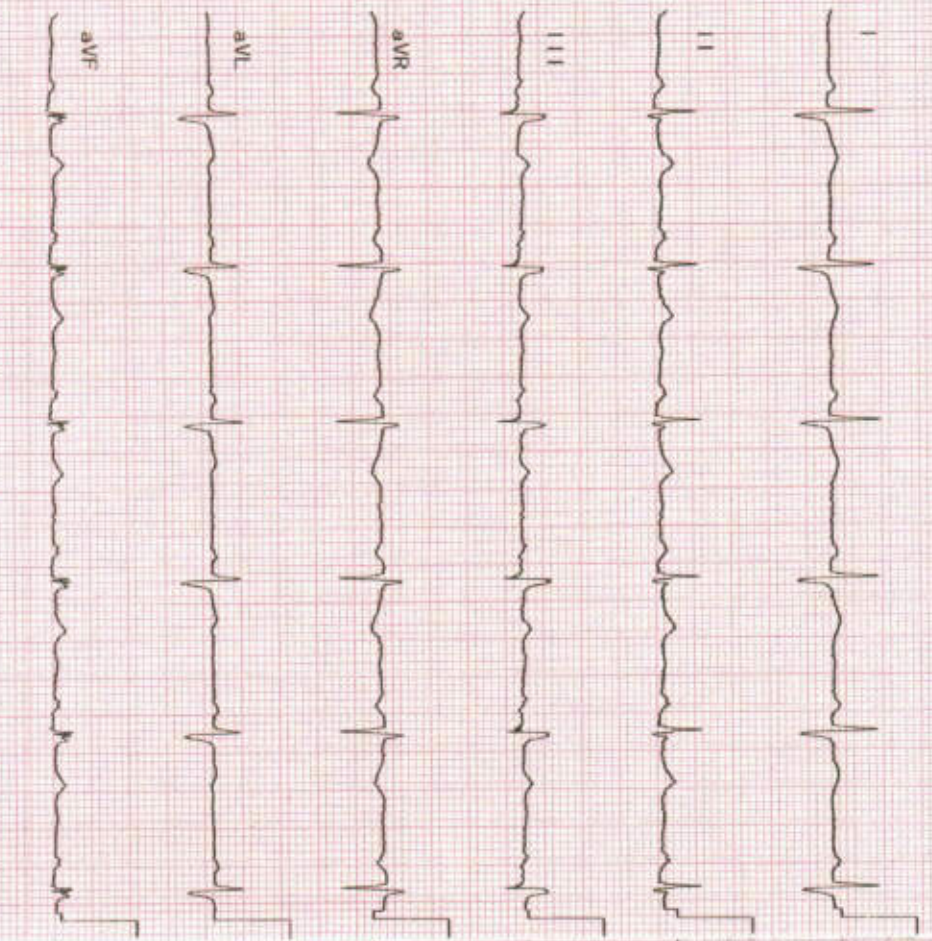
ID: \_\_\_\_\_ Name: \_\_\_\_\_  
 Sex: M Birth date: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ years  
 cm kg m/m

Medication: \_\_\_\_\_  
 Symptoms: \_\_\_\_\_  
 History: \_\_\_\_\_  
 Vent. rate 72 bpm

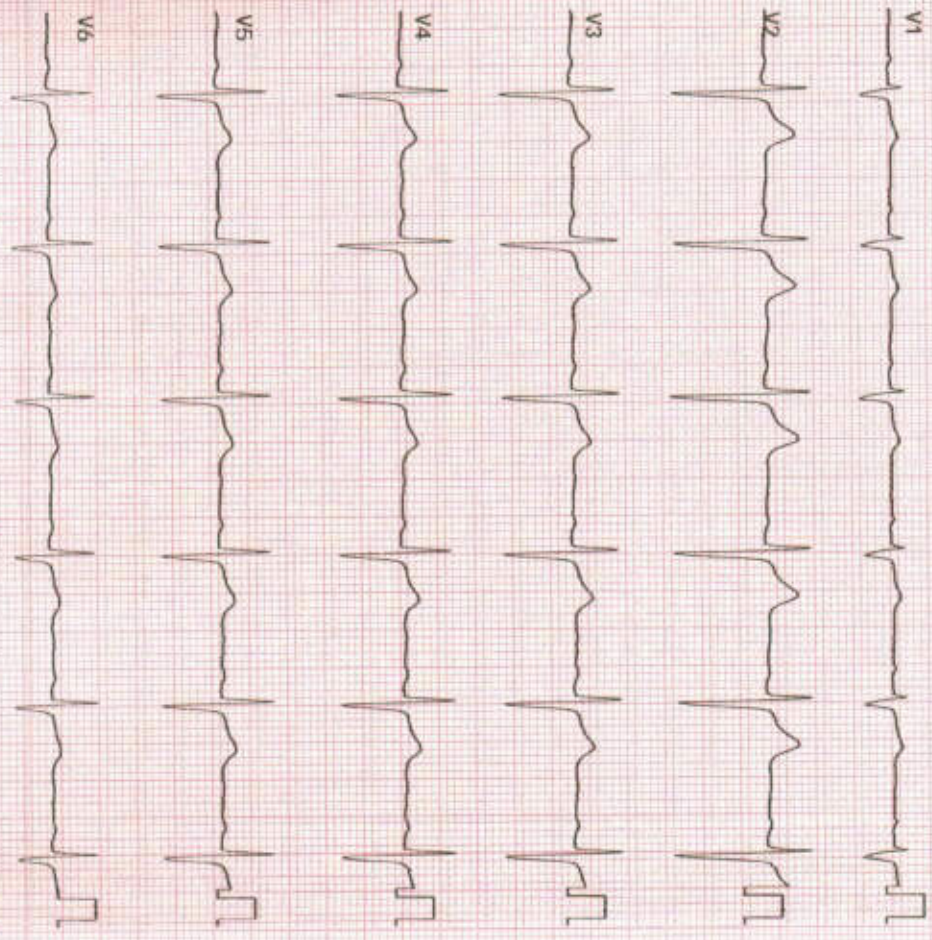
PR int 160 ms  
 QRS dur 98 ms  
 QT/QTc(E) int 388/413 ms  
 P/QRS/T axis 36/64/56 ms

RV5/SV1 amp 1.40/0.76 mV  
 RV5+SV1 amp 2.16 mV

10 mm/mV 25 mm/s Filter: H50 d 100 Hz



5 mm/mV



1100 Sinus rhythm  
 9110 AA normal ECG AA  
 Ms. Shashi Kant Prasad  
 46.37/m

Unconfirmed Report  
 Reviewed by:



D-170, 170-A, 170-B, Sector 50, Noida 201301

Phones : 0120 - 4880000, 3120000

email : info@neohospital.com website : www.neohospital.com



Barcode No.	: M319363		Age / Sex	: 46.3 YRS / Male	Certificate No. : MC3302
Patient Name	: Mr. SHASHI KANT PRASAD		Registration Date	: 02-Apr-2024 09:00 AM	
IPD No.	:		Reporting Date	: 02-Apr-2024 12:18 PM	
UHID	: 285492		Approved Date	: 02-Apr-2024 12:18 PM	
Referring Doctor	: Dr. Rakesh Malhotra (H)				
Passport No.	:				

## DEPARTMENT OF CARDIOLOGY

### TMT REPORT

- Protocol : BRUCE
- Indication : CAD assessment
- Target heart rate : 174 bpm
- Heart rate achieved : 155 bpm
- Percentage of THR achieved : 89 %
- Maximum BP : 170/100 mmHg
- Total exercise duration : 05:16 minutes
- Maximum worked attained : 06.55 METS

A.

- Baseline ECG revealed NSR, no significant ST-T changes.
- Normal HR response, Hypertensive BP response.
- No significant changes with standing.
- Fair exercise tolerance.
- No ST-T changes seen during the exercise and recovering phase.
- No S3, S4, murmur, crepts or ronchi.
- No significant arrhythmias seen. No chest pain.

### IMPRESSION:

TEST IS NEGATIVE FOR INDUCIBLE MYOCARDIAL ISCHEMIA .

\*\*\* End Of Report \*\*\*

DR. SANJAY Kr. SHARMA

MD, DM (Cardiology)

FIMSA, FESC, FSCAI (USA)

Consultant Clinical & Interventional  
Cardiology

# NEO HOSPITAL

D-170A SECTOR-50 NOIDA

MR. SHASH KANT PRASAD

Age/Sex : 46/M

Recorded : 2-4-2024 11:23

Ref by :

Indication :

ID : 285492  
HIMN : /

## TREADMILL TEST SUMMARY REPORT

Protocol: BRUCE

History:

Medication:

PHASE	PHASE TIME	STAGE TIME	SPEED (Km/Hr.)	GRADE (%)	H.R (BPM)	B.P (mmHg)	RPP X100	II	ST LEVEL (mm) V2	V5	MI
SUPINE STANDING					90	140/90	126	1.6	1.2	0.9	
					85	140/90	119	1.3	0.9	0.5	
STAGE 1	2:59	2:59	2.70	10.00	128	140/90	179	3.0	1.3	1.8	4
STAGE 2	5:14	2:14	4.00	12.00	154	150/100	231	3.8	1.5	2.0	6
PEAK EXERCISE	5:16	2:16			155	150/100	232	3.8	1.6	2.0	6
RECOVERY	2:59	2:59	0.00	0.00	95	170/100	161	1.2	0.8	0.6	

### RESULTS

Exercise Duration

Max Heart Rate

Max Blood Pressure

Max Work Load

Reason of Termination

5.16 Minutes

155 bpm 89 % of target heart rate 174 bpm

170/100 mmHg

6.55 METS

### IMPRESSIONS

→ Negative for RMI  
 → fair work load  
 → hypertensive RD Response

*[Handwritten signature]*

DR. SANJAY KUMAR SHARMA MD DM (CARDIOLOGY)

BPL-DYNATRAC

# NEO HOSPITAL

Mr. SHASH KANT PRASAD

ID 285492

AGE/SEX 46/M

RECORDED 2-4-2024 11:23

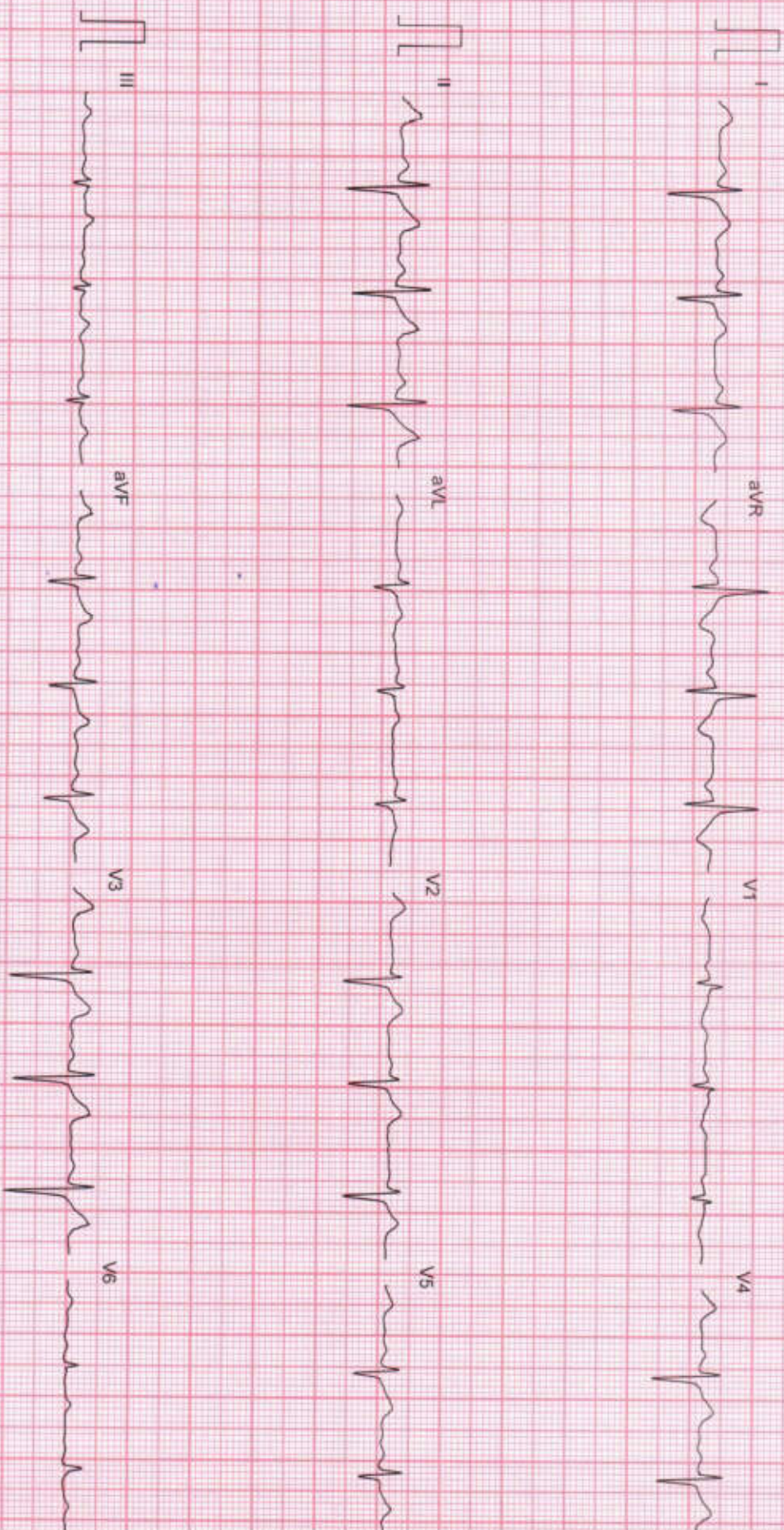
RATE 90 BPM

B.P. 140/90 mmHg

SUPINE  
PRETEST

ST @ 10mm/mV  
80ms PostI

RAW ECG



BPL-DYNATRAC

Filtered

Computer Corrected Baseline

25mm/sec 10mm/mV

CardCom, INDIA Ph.:091-731-2620740, TeleFax:091-731-2431214

# NEO HOSPITAL

Mr SHASH KANT PRASAD  
ID: 285492  
AGE/SEX: 46/M  
RECORDED: 2-4-2024 11:23

RATE: 85 BPM  
B.P.: 140/90 mmHg

STANDING  
PRETEST

ST @ 10mm/mV  
80ms PostJ

LINKED MEDIAN



BPL-DYNATrac

Filtered

Computer Corrected Baseline

25mm/sec 10mm/mV

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# NEO HOSPITAL

Mr SHASH KANT PRASAD  
ID : 285492  
AGE/SEX : 46/M  
RECORDED : 2-4-2024 11:23

RATE : 128 BPM  
B.P. : 140/90 mmHg

BRUCE  
EXERCISE 1  
PHASE TIME : 2:59  
STAGE TIME : 2:59

ST @ 10mm/mV  
80ms PostJ  
SPEED : 2.7 Km./Hr  
GRADE : 10.0 %  
LINKED MEDIAN



BPL-DYNATRAC

Filtered

Computer Corrected Baseline

25mm/sec 10mm/mV

CardiCom, INDIA Ph. 091-731-2620740, TeleFax: 091-731-2431214

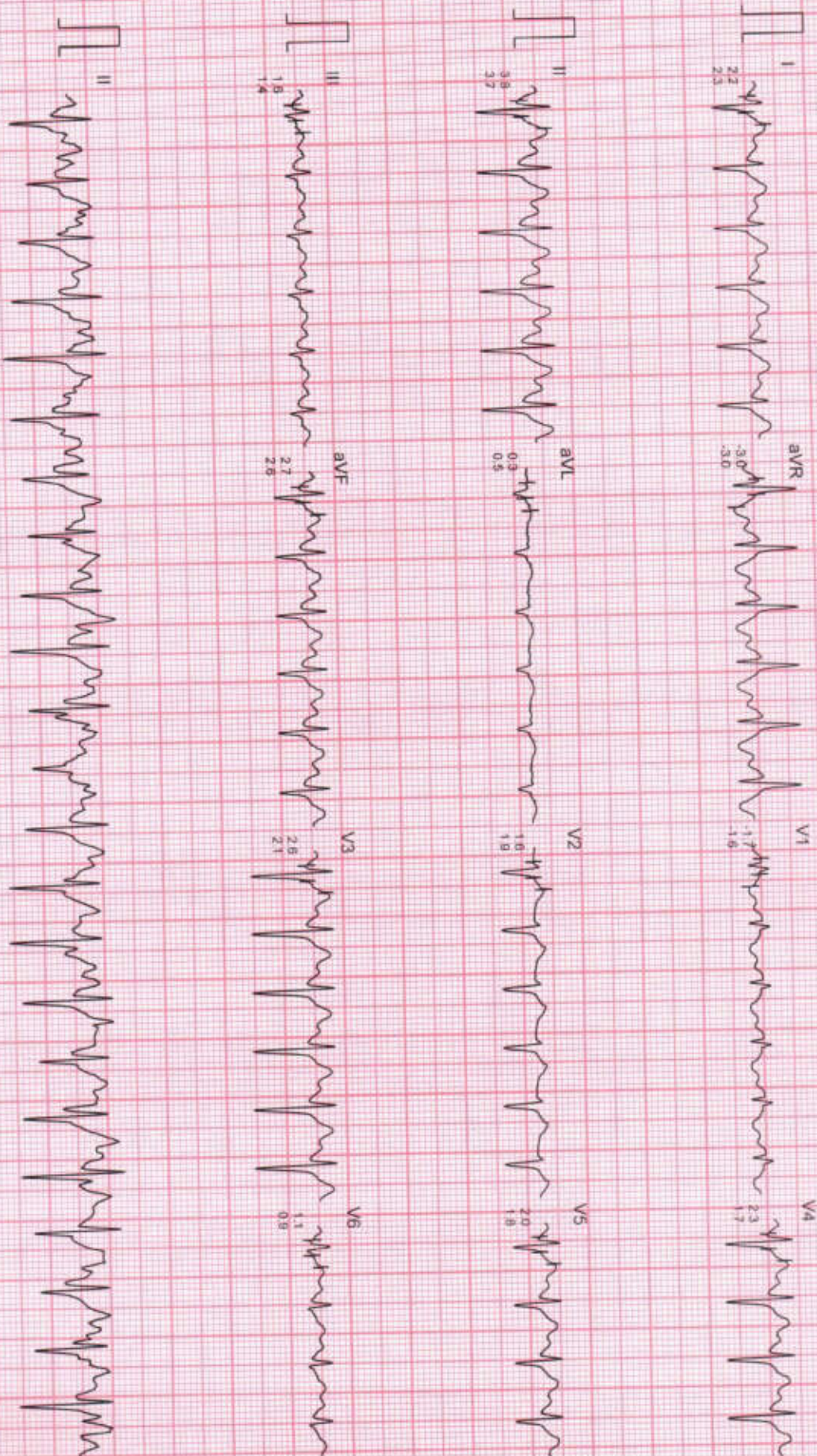
# NEO HOSPITAL

Mr. SHASH KANT PRASAD  
I.D. : 285492  
AGE/SEX : 46/M  
RECORDED : 2-4-2024 11:23

BRUCE  
PEAK EXERCISE  
PHASE TIME : 5:16  
STAGE TIME : 2:16

ST @ 10mm/mV  
80ms PostJ  
SPEED : 4.0 Km/Hr  
GRADE : 12.0 %  
LINKED MEDIAN

RATE : 155 BPM  
B.P. : 150/100 mmHg



BPL-DYNATRAC

Filtered

Computer Corrected Baseline

25mm/sec 10mm/mV

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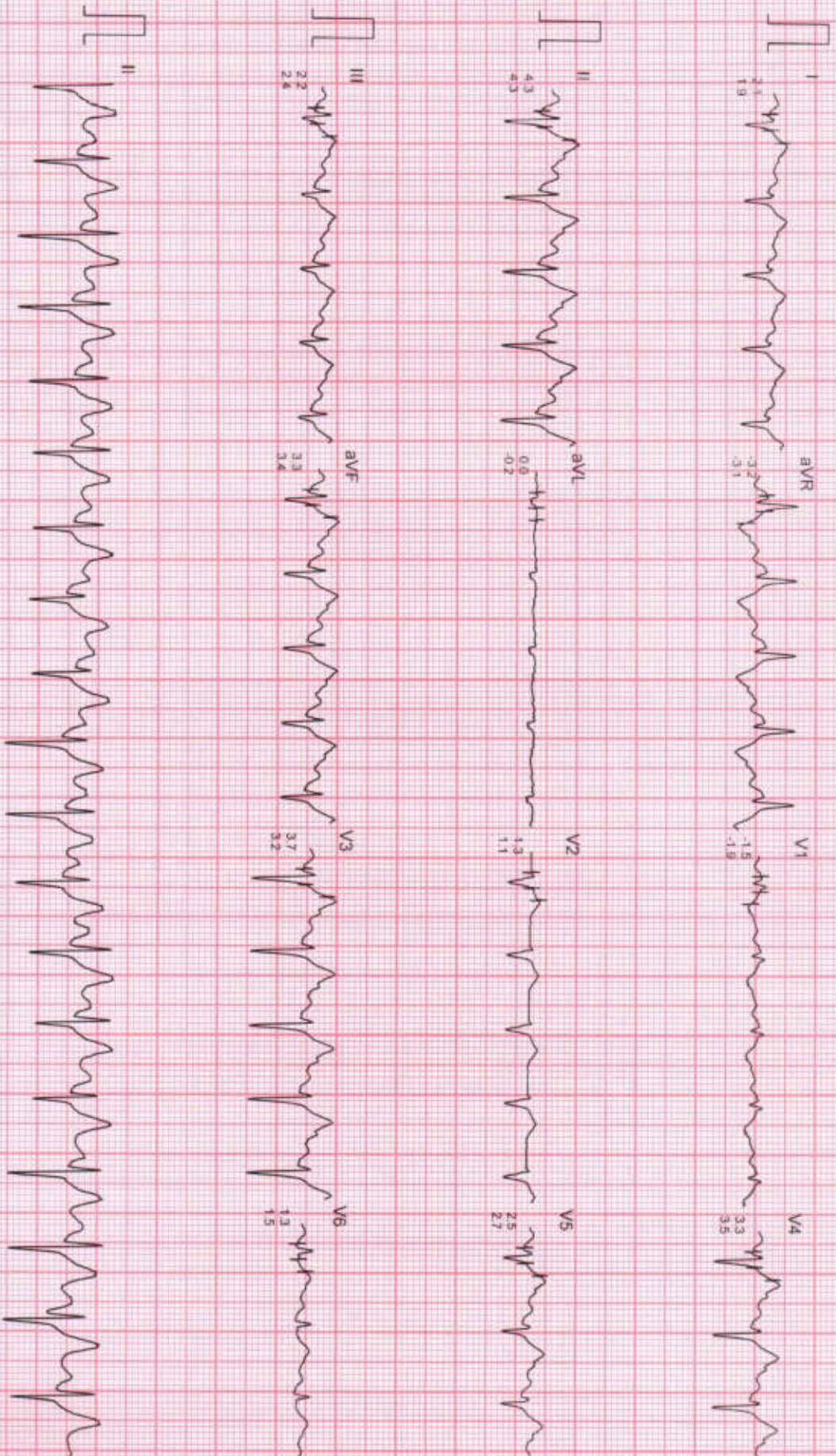
NEO HOSPITAL

Mr. SHASH KANT PRASAD  
I.D. : 285492  
AGE/SEX : 46/M  
RECORDED : 2-4-2024 11:23

BRUCE  
RECOVERY  
PHASE TIME : 0.59

ST @ 10mm/mV  
80ms PostJ  
SPEED : 0.0 Km /hr  
GRADE : 0.0 %

LINKED MEDIAN



BPL-DYNATRAC

Filtered

Computer Corrected Baseline

25mm/sec 10mm/mV

CardiCom, INDIA Ph. 091-731-2620740, TeleFax:091-731-2431214



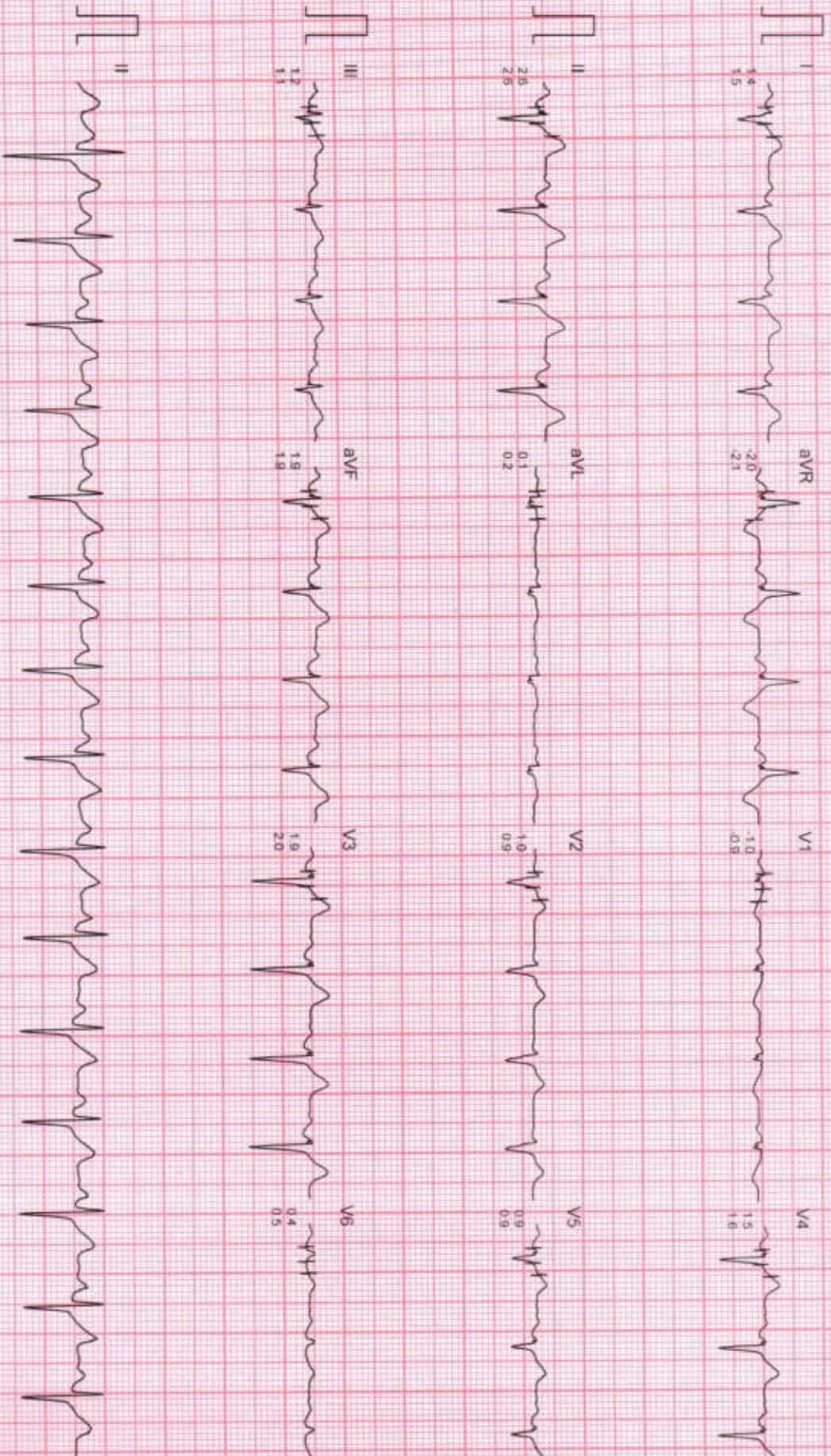
NEO HOSPITAL

MR. SHASH KANT PRASAD  
ID : 285492  
AGE/SEX : 46/M  
RECORDED : 2-4-2024 11:23

RATE : 99 BPM  
B.P : 170/100 mmHg

BRUCE  
RECOVERY  
PHASE TIME : 1:59

ST @ 10mm/mV  
80ms PostJ  
SPEED : 0.0 Km /Hr  
GRADE : 0.0 %  
LINKED MEDIAN



BPL-DYNATRAC

Filtered

Computer Corrected Baseline

25mm/sec 10mm/mV

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# NEO HOSPITAL

MR. SHASH KANT PRASAD  
ID: 286492  
AGE/SEX: 46/M  
RECORDED: 2-4-2024 11:23

RATE: 95 BPM  
B.P.: 170/100 mmHg

BRUCE  
RECOVERY  
PHASE TIME: 2:59

ST @ 10mm/mV  
80ms PostU  
SPEED: 0.0 Km/HR  
GRADE: 0.0 %  
LINKED MEDIUM

BPL-DYNATRAC



# NEO HOSPITAL

Mr. SHASH KANT PRASAD  
ID : 285492  
AGE/SEX : 46/M  
RECORDED : 2-4-2024 11 23

RATE : 95 BPM  
B.P. : 170/100 mmHg

BRUCE  
RECOVERY  
PHASE TIME : 3:59

ST @ 10mm/mV  
80ms PostJ  
SPEED - 0.0 Km /Hr  
GRADE 0.0 %  
LINKED MEDIAN

BPL-DYNATRAC



Filtered

Computer Corrected Baseline

25mm/sec 10mm/mV

CardiCom, INDIA Ph. 091-731-26207/40, TeleFax: 091-731-2431214

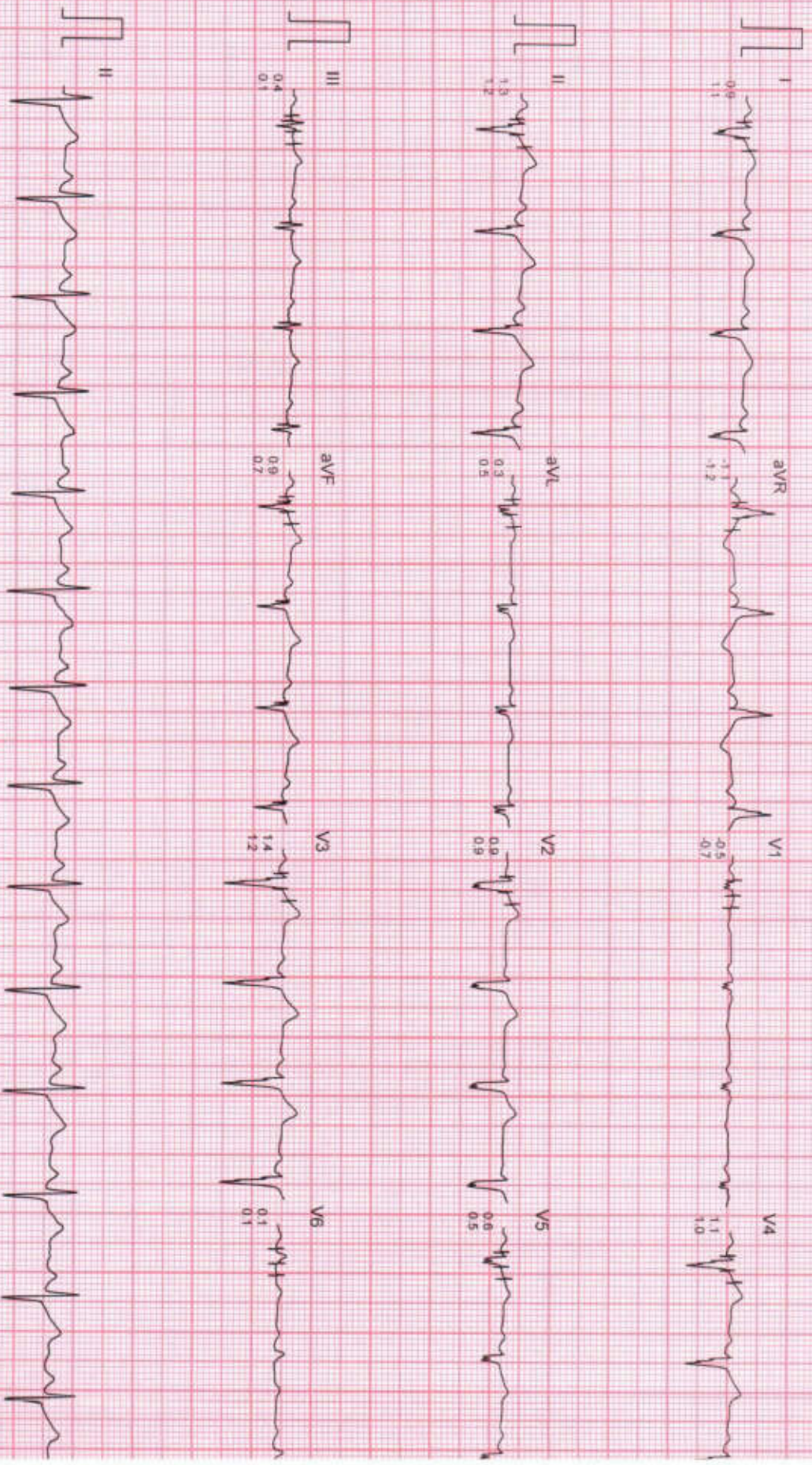
# NEO HOSPITAL

Mr. SHASH KANT PRASAD  
I.D. 285492  
AGE/SEX 46/M  
RECORDED 2-4-2024 11:23

BRUCE  
RECOVERY  
PHASE TIME 4:59

ST @ 10mm/mV  
80ms PostJ  
SPEED : 0.0 Km /Hr  
GRADE : 0.0 %  
LINKED MEDIAN

RATE : 89 BPM  
B.P. : 170/100 mmHg



BPL-DYNATRAC

Filtered

Computer Corrected Baseline

25mm/Sec 10mm/mV


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Certificate No. H-2018-0540

Barcode No.	: M319363		Age / Sex	: 46.3 YRS / Male
Patient Name	: Mr. SHASHI KANT PRASAD		Registration Date	: 02-Apr-2024 09:00 AM
IPD No.	:		Reporting Date	: 03-Apr-2024 08:54 AM
UHID	: 285492		Approved Date	: 03-Apr-2024 08:54 AM
Referring Doctor	: Dr. Rakesh Malhotra (H)			
Passport No.	:			

DEPARTMENT OF RADIOLOGY

X- RAY CHEST PA VIEW

Both lung fields are clear.  
Hilar shadows are normal.  
Both costophrenic angles are clear.  
Cardiac silhouette is normal.  
Bony thorax is normal.

**Please correlate clinically**

\*\*\* End Of Report \*\*\*

Dr. Sagar Tomar  
MD Radiodiagnosis, Fellow MSK MRI  
(Consultant Radiologist)

Dr. Rohit Kundra  
MD Radiodiagnosis  
(Consultant Radiologist)

Dr. Harshita Tripathi  
MD Radiodiagnosis  
(Consultant Radiologist)

Dr. Vijay Singh Rawat  
DMRD, MD Radiodiagnosis  
(Consultant Radiologist)



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Certificate No. H-2018-0549

Certificate No. MC-3202

Barcode No. : M319363  Age / Sex : 46.3 YRS / Male  
Patient NAME : Mr. SHASHI KANT PRASAD  
Sample Coll. DATE : 02-Apr-2024 09:16 AM Sample Receiving DATE : 02-Apr-2024 10:03 AM  
UHID : 285492 Reporting DATE : 02-Apr-2024 11:09 AM  
IPD No. / Ward : / Approved DATE : 02-Apr-2024 11:14 AM  
Referring Doctor : Dr. Rakesh Malhotra (H)  
Passport No. :

### DEPARTMENT OF BIOCHEMISTRY

#### Blood Sugar Fasting\* (Specimen : FLUORIDE)

Date	Status	02/Apr/24 11:46AM	Unit	Bio Ref Interval
Blood Sugar Fasting	H	131.0	mg/dl	70-100

Prepared By : Mrs. Anita

The new health care destination

Printed By : Mr. KAMAL VERMA

These values are only indicative not confirmatory of diagnosis. Kindly correlate clinical



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Certificate No. H-2015-0540 Certificate No. NC-1302

Barcode No.	: M319363		Age / Sex	: 46.3 YRS / Male
Patient NAME	: Mr. SHASHI KANT PRASAD			
Sample Coll. DATE	: 02-Apr-2024 09:16 AM	Sample Receiving DATE	: 02-Apr-2024 10:03 AM	
UHID	: 285492	Reporting DATE	: 02-Apr-2024 10:17 AM	
IPD No. / Ward	: /	Approved DATE	: 02-Apr-2024 11:56 AM	
Referring Doctor	: Dr. Rakesh Malhotra (H)			
Passport No.	:			

### DEPARTMENT OF HAEMATOLOGY

#### Complete Haemogram\* (Specimen - EDTA)

Date	Status	02/Apr/24 12:38PM	Unit	Bio Ref Interval
Haemoglobin <i>(whole blood/photometric method)</i>		13.1	g/dl	13.0-17
Total Leucocyte Count (TLC) <i>(whole blood/impedance method)</i>		6900	cells/c.mm	4000-10000
Neutrophil		55.3	%	45-70
Lymphocyte	H	40.1	%	20-40
Eosinophils		1.7	%	1.0-5.0
Monocytes		2.9	%	2.0-10.0
Basophils		0.0	%	0.0-1.0
Packed Cell Volume (PCV) <i>(whole blood,calculation)</i>	L	38.7	%	40.0-50.0
Red Blood Cell Count <i>(whole blood,impedance method)</i>	L	4.4	million/c.mm	4.5-5.5
Mean Cell Volume (MCV) <i>(whole blood,calculated)</i>		87.6	fl	83.0-101.0
Mean Cell Haemoglobin (MCH) <i>(whole blood,calculated)</i>		29.5	pg	27.0-32.0
MCHC <i>(whole blood,calculated)</i>		33.7	g/dl	31.0-34.5
RDW - CV		12.7	%	11.0-16.0
Platelet Count <i>(whole blood,impedance method)</i>		2.60	lakh/c.mm	1.5-4.0
MPV (Mean Platelet Volume)		9.0	fL	6.5-12.0
ESR		10	mm/Hr	0-10

#### Interpretation :

Complete Haemogram\* : EDTA Whole Blood-Tests done on Automated Five Part Cell Counter.( Hb is performed by photometric method,WBC,RBC,Platelet Count by impedance method,WBC differential by Flow Cytometry technology other parameters calculated) All Abnormal Haemograms are reviewed confirmed microscopically.




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Certificate No. 16-2018-0348 Certificate No. MC-3387

Barcode No.	: M319363		Age / Sex	: 46.3 YRS / Male
Patient NAME	: Mr. SHASHI KANT PRASAD			
Sample Coll. DATE	: 02-Apr-2024 09:16 AM	Sample Receiving DATE	: 02-Apr-2024 10:03 AM	
UHID	: 285492	Reporting DATE	: 02-Apr-2024 11:09 AM	
IPD No. / Ward	: /	Approved DATE	: 02-Apr-2024 11:14 AM	
Referring Doctor	: Dr. Rakesh Malhotra (H)			
Passport No.	:			

### DEPARTMENT OF BIOCHEMISTRY

#### **KFT (Kidney Function Test)\* (Specimen : SERUM)**

Date	Status	02/Apr/24 11:46AM	Unit	Bio Ref Interval
Blood Urea <i>(urease with indicator dye)</i>	L	18.0	mg/dl	19.0-43.0
Serum Creatinine <i>(enzymatic(creatinine amidohydrolase))</i>		0.7	mg/dl	0.66-1.25
Uric Acid <i>(uricase/peroxidase)</i>		5.8	mg/dl	3.5-8.5
Sodium (Na+) <i>(direct ion selective mode)</i>	L	134.0	mmol/L	137.0-145.0
Potassium (K+) <i>(direct ion selective mode)</i>		4.1	mmol/L	3.5-5.1
Chloride (Cl-) <i>(direct ion selective mode)</i>		100.0	mmol/L	98.0-107.0
Serum Calcium <i>(arsenazo dye)</i>		9.2	mg/dl	8.4-10.2
Phosphorus Serum <i>(phosphomolybdate reduction)</i>		3.3	mg/dl	2.5-4.5
Alkaline Phosphatase (ALP) <i>(4-nitrophenyl phosphate(pnpp)/amp)</i>		119.0	U/L	38.0-126.0
Total protein <i>(biuret(alkaline cupric sulphate))</i>		7.1	gm/dl	6.3-8.2
Albumin <i>(bromocresol green dye binding)</i>		4.2	gm/dl	3.5-5.0
Albumin/Globulin Ratio (Calculated) <i>(calculated)</i>	H	1.4		0.8-1.1
eGFR <i>(calculated)</i>		121.3	mL/min	-

#### **Lipid Profile\* (Specimen : SERUM)**

Date	Status	02/Apr/24 11:46AM	Unit	Bio Ref Interval
Total Cholesterol <i>(serum/enzymatic(che,cho/pod))</i>		152.0	mg/dl	<200
Triglyceride <i>(serum/enzymatic(lipase/gk/gpo/pod)without correction for free glycerol)</i>	H	178.0	mg/dl	<150.0
HDL Cholesterol <i>(serum/phosphotungstic acid/mgc/2+enzymatic)</i>	L	37.0	mg/dl	>40.0






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Certificate No. H-2018-0268 Certificate No. : MC-3397

Barcode No.	: M319363		Age / Sex	: 46.3 YRS / Male
Patient NAME	: Mr. SHASHI KANT PRASAD			
Sample Coll. DATE	: 02-Apr-2024 09:16 AM	Sample Receiving DATE	: 02-Apr-2024 10:03 AM	
UHID	: 285492	Reporting DATE	: 02-Apr-2024 11:09 AM	
IPD No. / Ward	: /	Approved DATE	: 02-Apr-2024 11:14 AM	
Referring Doctor	: Dr. Rakesh Malhotra (H)			
Passport No.	:			

### DEPARTMENT OF BIOCHEMISTRY

LDL (calculation)	79.4	mg/dl	<100
VLDL (calculation)	H 35.6	mg/dl	<30
LDL/HDL Ratio (calculation)	2.15		<3.6
Total Cholesterol : HDL Ratio (calculation)	4.11		<5.0

**Interpretation :**

**Lipid Profile\* :**

NATIONAL LIPID ASSOCIATION RECOMMENDATIONS (NLA-2014)	TOTAL CHOLESTEROL in mg/dL	TRIGLYCERIDE in mg/dL	LDL CHOLESTEROL in mg/dL	NON HDL CHOLESTEROL in mg/dL
Optimal	<200	<150	<100	<130
Above Optimal	-	-	100-129	130 - 159
Borderline High	200-239	150-199	130-159	160 - 189
High	>=240	200-499	160-189	190 - 219
Very High		>=500	>=190	>=220

**Note:**

- Measurements in the same patient can show physiological & analytical variations. Three serial samples 1 week apart are recommended for Total Cholesterol, Triglycerides, HDL & LDL Cholesterol.
- As per NLA-2014 guidelines, all adults above the age of 20 years should be screened for lipid status. Selective screening of children above the age of 2 years with a family history of premature cardiovascular disease or those with at least one parent with high total cholesterol is recommended.
- Low HDL levels are associated with increased risk for Atherosclerotic Cardiovascular disease (ASCVD) due to insufficient HDL being available to participate in reverse cholesterol transport, the process by which cholesterol is eliminated from peripheral tissues.
- NLA-2014 identifies Non HDL Cholesterol (an indicator of all atherogenic lipoproteins such as LDL, VLDL, IDL, Lp(a), Chylomicron remnants) along with LDL-cholesterol as co-primary target for cholesterol lowering therapy. Note that major risk factors can modify treatment goals for LDL & Non HDL.



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Certificate No. 11-2018-0543 Certificate No. MC-3282

Barcode No.	: M319363		Age / Sex	: 46.3 YRS / Male
Patient NAME	: Mr. SHASHI KANT PRASAD			
Sample Coll. DATE	: 02-Apr-2024 09:16 AM		Sample Receiving DATE	: 02-Apr-2024 10:03 AM
UHID	: 285492		Reporting DATE	: 02-Apr-2024 01:59 PM
IPD No. / Ward	: /		Approved DATE	: 02-Apr-2024 02:56 PM
Referring Doctor	: Dr. Rakesh Malhotra (H)			
Passport No.	:			

### DEPARTMENT OF CLINICAL PATHOLOGY

#### Urine for Sugar Fasting\* (Specimen : URINE)

Date	Status	Unit	Bio Ref Interval
Urine for Sugar Fasting	02/Apr/24 02:56PM NIL		



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Phones : 0120 - 4880000, 3120000

email : info@neohospital.com website : www.neohospital.com



Certificate No. 11-2018-0543 Certificate No. MC-3282

Barcode No.	: M319363		Age / Sex	: 46.3 YRS / Male
Patient NAME	: Mr. SHASHI KANT PRASAD			
Sample Coll. DATE	: 02-Apr-2024 09:16 AM		Sample Receiving DATE	: 02-Apr-2024 10:03 AM
UHID	: 285492		Reporting DATE	: 02-Apr-2024 01:59 PM
IPD No. / Ward	: /		Approved DATE	: 02-Apr-2024 02:56 PM
Referring Doctor	: Dr. Rakesh Malhotra (H)			
Passport No.	:			

### DEPARTMENT OF CLINICAL PATHOLOGY

#### Urine for Sugar Fasting\* (Specimen : URINE)

Date	Status	Unit	Bio Ref Interval
Urine for Sugar Fasting	02/Apr/24 02:56PM NIL		



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Phones : 0120 - 4880000, 3120000

email : info@neohospital.com website : www.neohospital.com



Certificate No. 11-2019-0543 Certificate No. MC-2282

Barcode No.	: M319363		Age / Sex	: 46.3 YRS / Male
Patient NAME	: Mr. SHASHI KANT PRASAD			
Sample Coll. DATE	: 02-Apr-2024 09:16 AM	Sample Receiving DATE	: 02-Apr-2024 10:03 AM	
UHID	: 285492	Reporting DATE	: 02-Apr-2024 01:59 PM	
IPD No. / Ward	: /	Approved DATE	: 02-Apr-2024 02:56 PM	
Referring Doctor	: Dr. Rakesh Malhotra (H)			
Passport No.	:			

DEPARTMENT OF CLINICAL PATHOLOGY

**Urine for Sugar Fasting\*** (Specimen : URINE)

Date	Status	Unit	Bio Ref Interval
02/Apr/24 02:56PM			
Urine for Sugar Fasting	NIL		




D-170, 170-A, 170-B, Sector 50, Noida 201301

Phones : 0120 - 4880000, 3120000

email : info@neohospital.com website : www.neohospital.com



Certificate No. H-2018-0548

Barcode No.	: M319363		Age / Sex	: 46.3 YRS / Male
Patient NAME	: Mr. SHASHI KANT PRASAD			
Sample Coll. DATE	: 02-Apr-2024 09:16 AM	Sample Receiving DATE	: 02-Apr-2024 10:03 AM	
UHID	: 285492	Reporting DATE	: 02-Apr-2024 11:09 AM	
IPD No. / Ward	: /	Approved DATE	: 02-Apr-2024 11:15 AM	
Referring Doctor	: Dr. Rakesh Malhotra (H)			
Passport No.	:			

DEPARTMENT OF IMMUNOLOGY

**Free Thyroid Profile (FT3, FT4, TSH) (Specimen : SERUM)**

Date	Status	02/Apr/24 03:29PM	Unit	Bio Ref Interval
FT3		3.62	pg/ml	1.4-5.6
FT4		1.04	ng/dL	0.67-1.71
TSH		2.81	µU/ml	0.25-5.0

Interpretation :  
Free Thyroid Profile (FT3, FT4, TSH) :

Interpretation:-

TSH	T3 / FT3	T4 / FT4	Suggested Interpretation for the Thyroid Function Tests Pattern
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%.
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 T4 therapy for hypothyroidism .Recovery phase after Non-Thyroidal illness
Raised	Decreased	Decreased	.Chronic Autoimmune Thyroiditis .Post thyroidectomy,Post radiiodine .Hypothyroid phase of transient thyroiditis
Raised or within Range	Raised	Raised or within Range	.Interfering antibodies to thyroid hormones (anti-TPO antibodies) .Intermittent T4 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 & 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, DeQuervains),Gestational thyrotoxicosis with hyperemesis gravidarum




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Certificate No. H-2018-0549

Barcode No.	: M319363		Age / Sex	: 46.3 YRS / Male
Patient NAME	: Mr. SHASHI KANT PRASAD			
Sample Coll. DATE	: 02-Apr-2024 09:16 AM	Sample Receiving DATE	: 02-Apr-2024 10:03 AM	
UHID	: 285492	Reporting DATE	: 02-Apr-2024 11:09 AM	
IPD No. / Ward	: /	Approved DATE	: 02-Apr-2024 11:15 AM	
Referring Doctor	: Dr. Rakesh Malhotra (H)			
Passport No.	:			

DEPARTMENT OF IMMUNOLOGY

Decreased or within Range	Raised	Within Range	.T3 toxicosis .Non-Thyroidal illness
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Prepared By : Mr. NAZIM ALI


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Barcode No.	: M319363		Age / Sex	: 46.3 YRS / Male
Patient NAME	: Mr. SHASHI KANT PRASAD			
Sample Coll. DATE	: 02-Apr-2024 09:16 AM	Sample Receiving DATE	: 02-Apr-2024 10:03 AM	
UHID	: 285492	Reporting DATE	: 02-Apr-2024 11:46 AM	
IPD No. / Ward	: /	Approved DATE	: 02-Apr-2024 12:00 PM	
Referring Doctor	: Dr. Rakesh Malhotra (H)			
Passport No.	:			

**DEPARTMENT OF BIOCHEMISTRY**

**HbA1c (Specimen - EDTA)**

Date	Status	02/Apr/24 12:00PM	Unit	Bio Ref Interval
HbA1c	H	7.1	%	<5.7
AVERAGE BLOOD SUGAR	H	157.0	MG/DL	<116

**Interpretation :**

HbA1c :  
 Hba1c :

As per American Diabetes Association (ADA)	
Reference Group	HbA1c in %
Non-diabetic adults	<5.7%
Pre-diabetic	5.7-6.4 %
Diabetic	>or = 6.5%
ADA Target	>7.0
Action suggested	>8.0

Glycation is nonenzymatic addition of sugar residue to amino groups of proteins. HbA1C is formed by condensation of glucose with n-terminal valine residue of each beta chain of hb a to form an unstable schiff base. It is the major fraction, constituting approximately 80% of HbA1. Formation of glycated hemoglobin (GHb) is essentially irreversible and the concentration in the blood depends on both the lifespan of red blood cells(120 days) and the blood glucose concentration. the GHb concentration represents the integrated values for glucose over a period of 6 to 8 weeks. GHb values are free of day to day glucose fluctuations and are unaffected by recent exercise or food ingestion. Concentration of plasma glucose concentration in GHb depends on the time interval, with the most recent values providing a larger contribution than earlier values. The interpretation of GHb depends on RBC having normal life span. Patients with hemolytic disease or other conditions with shortened RBC survival exhibit a substantial reduction of GHb. High GHb is been reported in iron deficiency anaemia.

Prepared By : Mr. NAZIM ALI

Printed By : Mr. KAMAL VERMA

These values are only indicative not confirmatory of diagnosis, kindly correlate clinically.  
 (\*) Test conducted under NABL

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Certificate No. N-2019-0548

Barcode No.	: M319363		Age / Sex	: 46.3 YRS / Male
Patient NAME	: Mr. SHASHI KANT PRASAD			
Sample Coll. DATE	: 02-Apr-2024 09:16 AM		Sample Receiving DATE	: 02-Apr-2024 10:03 AM
UHID	: 285492		Reporting DATE	: 02-Apr-2024 03:29 PM
IPD No. / Ward	: /		Approved DATE	: 02-Apr-2024 03:44 PM
Referring Doctor	: Dr. Rakesh Malhotra (H)			
Passport No.	:			

### DEPARTMENT OF IMMUNOLOGY

#### PSA (PROSTATE - SPECIFIC ANTIGEN), TOTAL (Specimen : SERUM)

Date	Status	02/Apr/24 03:44PM	Unit	Bio Ref Interval
PSA (PROSTATE - SPECIFIC ANTIGEN), TOTAL		0.46	ng/mL	<0.01-4.00

**Interpretation :**

PSA (PROSTATE - SPECIFIC ANTIGEN), TOTAL :

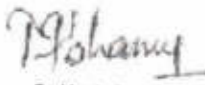
Method: Chemiluminescence

Decrease in total PSA level is seen 24 to 48 hours after ejaculation. Decrease in total PSA level occurs after prostatectomy and orchidectomy. Successful radiation therapy and therapy with anti-androgen drugs result in decline in PSA levels, over a period of time.

\*\*\* End Of Report \*\*\*

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M.B.B.S.,M.D.  
(Consultant Microbiologist)

Dr. Israr Ahmad  
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Certificate No. H-2018-0548 Certificate No. : MC-3382

Barcode No.	: M319363		Age / Sex	: 46.3 YRS / Male
Patient NAME	: Mr. SHASHI KANT PRASAD			
Sample Coll. DATE	: 02-Apr-2024 09:16 AM		Sample Receiving DATE	: 02-Apr-2024 10:03 AM
UHID	: 285492		Reporting DATE	: 02-Apr-2024 02:00 PM
IPD No. / Ward	: /		Approved DATE	: 02-Apr-2024 02:56 PM
Referring Doctor	: Dr. Rakesh Malhotra (H)			
Passport No.	:			

DEPARTMENT OF CLINICAL PATHOLOGY

URINE ROUTINE

SAMPLE: URINE

	OBSERVED VALUE	UNIT	REFERENCE RANGE
<b>PHYSICAL EXAMINATION</b>			
VOLUME(visual observation)	30	ml	N/A
COLOUR(visual observation)	PALE YELLOW		PALE YELLOW
TRANSPARENCY (APPEARANCE)(visual observation)	CLEAR		CLEAR
SPECIFIC GRAVITY(automated multistrips,colour reaction/Pka change)	1.010		1.005 TO 1.030
pH(automated multistrips double indicator method)	6.0		5-7
<b>CHEMICAL EXAMINATION</b>			
PROTEIN (ALBUMIN)automated multistrips)protein error of pH),sulphosalicylic acid method.	NIL		NIL
GLUCOSE(automated multistrips,(enzyme reaction) benedicts method	NIL		NIL
KETONE BODIES(automated multistrips,rotheras method)	NEGATIVE		NEGATIVE
BILIRUBIN(automated multistrips,fouchets method)	NEGATIVE		NEGATIVE
UROBILINOGEN(automated multistrips,ehrlchs aldehyde method)	NORMAL		NORMAL (1mg/dL )
BLOOD(automated multistrips ,bencidine method)	ABSENT		ABSENT
<b>MICROSCOPIC EXAMINATION</b>			
PUS CELLS(light microscopy)	2-3	/hpf	0-5
RED BLOOD CELLS(light microscopy)	0	/hpf	0-3
EPITHELIAL CELLS(light microscopy)	1-2	/hpf	0-5
CASTS(light microscopy)	ABSENT		ABSENT
CRYSTALS(light microscopy)	ABSENT		ABSENT

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Certificate No. H-2018-0549

Certificate No. : NC-3302

Barcode No.	: M319363	Age / Sex	: 46.3 YRS / Male
Patient NAME	: Mr. SHASHI KANT PRASAD	Sample Receiving DATE	: 02-Apr-2024 10:03 AM
Sample Coll. DATE	: 02-Apr-2024 09:16 AM	Reporting DATE	: 02-Apr-2024 02:00 PM
UHID	: 285492	Approved DATE	: 02-Apr-2024 02:56 PM
IPD No. / Ward	: /		
Referring Doctor	: Dr. Rakesh Malhotra (H)		
Passport No.	:		

### DEPARTMENT OF CLINICAL PATHOLOGY

OTHERS(light microscopy)

Note: 1.Chemical examination through Dipstick includes test methods as Protein(Protein Error Principle),Glucose (GOD-POD),Ketone(Legals Test), Bilirubin(Azo-Diazo reaction),Urobilinogen (Diazonium ion Reaction).All abnormal results of chemical examination are confirmed by manual methods.

2.Pre-test conditions to be observed while submitting the sample-First void,mid-stream urine,collect in a clean,dry,sterile container is recommended for routine urine analysis.,avoid contamination with any discharge from vaginal ,urethra,perineum,as applicable ,avoid prolonged transit time&undue exposure to sunlight.

3.During interpretation,Trace proteinuria can be seen with many physiological conditions like prolonged recumbency,exercercise,high protein diet.False positive reactions for bile pigments,proteins,glucose can be caused by peroxidase like activity by disinfectants,therapeutic dyes,ascorbic acid and certain drugs.

4.All urine samples are checked for adequacy and suitability before examination.

\*\*\* End Of Report \*\*\*

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(\* ) Test conducted under NABL

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NAME:	SHASHI KANT PRASAD	AGE/SEX:	46 YRS / M
UHID:	285492	DATE	2-Apr-24
REF. BY:	DR. RAKESH MALHOTRA		

**USG WHOLE ABDOMEN**

**Liver** is enlarged in size, measures 17.5 cm and shows generalized increased echogenicity. No focal SOL noted. Vascular channels are clear. No evidence of IHBR dilatation.

**Gall Bladder** is partially distended and grossly normal. CBD & PV are normal.

**Spleen** is normal in size, shape and echotexture, measures 8.2 cm.

**Pancreatic** head appears normal, Rest of the pancreas is obscured by bowel gas shadows.

**Both Kidneys** are normal in size, shape, position & echogenicity. CMD is maintained. No evidence of calculus or hydronephrosis.

**Right kidney** - 11.3 x 5.5 cm

**Left kidney** - 11 x 5.6 cm

**Urinary Bladder** is well distended with normal wall thickness. No calculi / mass lesion noted. No diverticulum noted.

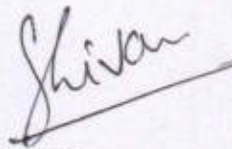
**Prostate** is mildly enlarged in size, volume 25.1 cc. No focal lesion noted.

No free fluid seen in the peritoneal cavity.

**IMPRESSION:**

- HEPATOMEGALY WITH GRADE I FATTY LIVER.
- MILD PROSTATOMEGALY.

Please correlate clinically



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DR. HARSHITA TRIPATHI  
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DR. SHIVAM RASTOGI  
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DR. ROHIT KUNDRRA  
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CONSULTANT RADIOLOGIST

This is a professional opinion based on imaging findings and not the diagnosis. It should be correlated clinically and with other relevant investigations to arrive at a proper conclusion. Not valid for medico-legal purpose.

