Ivy Hospital

Ivy Hospital
SUPER-SPECIALITY HEALTHCARE
SECTOR 71, MOHALI
Tel: 0172-7170000
CIN No.: U85110PB2005PTC027898

Dr. Mukesh Vats
MBBS, MS, FVRS
(Ophthalmologist)
Retina Specialist & Phaco Surgeon
PMC Reg. No.: 45034
Mobile : +91-9357519888

C/L/B Dr. Mukesh Vats

Anteshi Kumar

Age - 56/M

VN (R) 6/6
(L) 6/6

Colour vision
S/E
Cornea
A/C - normal/E

U/S

Fundus — Disc/macula (B)

Adv

R/A ....

Dr. Mukesh Vats
MS, FVRS
Retina Consultant & Phaco Surgeon
PMC: 4503-

Ivy Hospital
SUPER-SPECIALITY HEALTHCARE
SECTOR 71, MOHALI
Tel: 0172-7170000
CIN No.: U85110PB2005PTC027898

Name: Mr. Antesh kumar UHID: 471194

Age: 36/M Consultant: dr Jagpal Date: 6/9/24

BP: 110/72 Pulse: 89 RR: Temp.: Pain:

Ht.: Wt.: 73.8 kg Allergies: Nutritional Assessment : Yes/No

Diagnosis / DD:

Complaint :

Investigations

Clinical Notes

1 hour.

For general health check up.

Investigations grossly @ macrocytosis.

Dyspepsia / constipation.

Adv

1) Cap Pantocid DSR OD empty stomach x 15d.
2) LACTOFIBER POWDER 2 scoop @ glass of water HS.
   Tab CREMALAX 1/2 tab
3) Tab MELOD once daily x 1 mth.

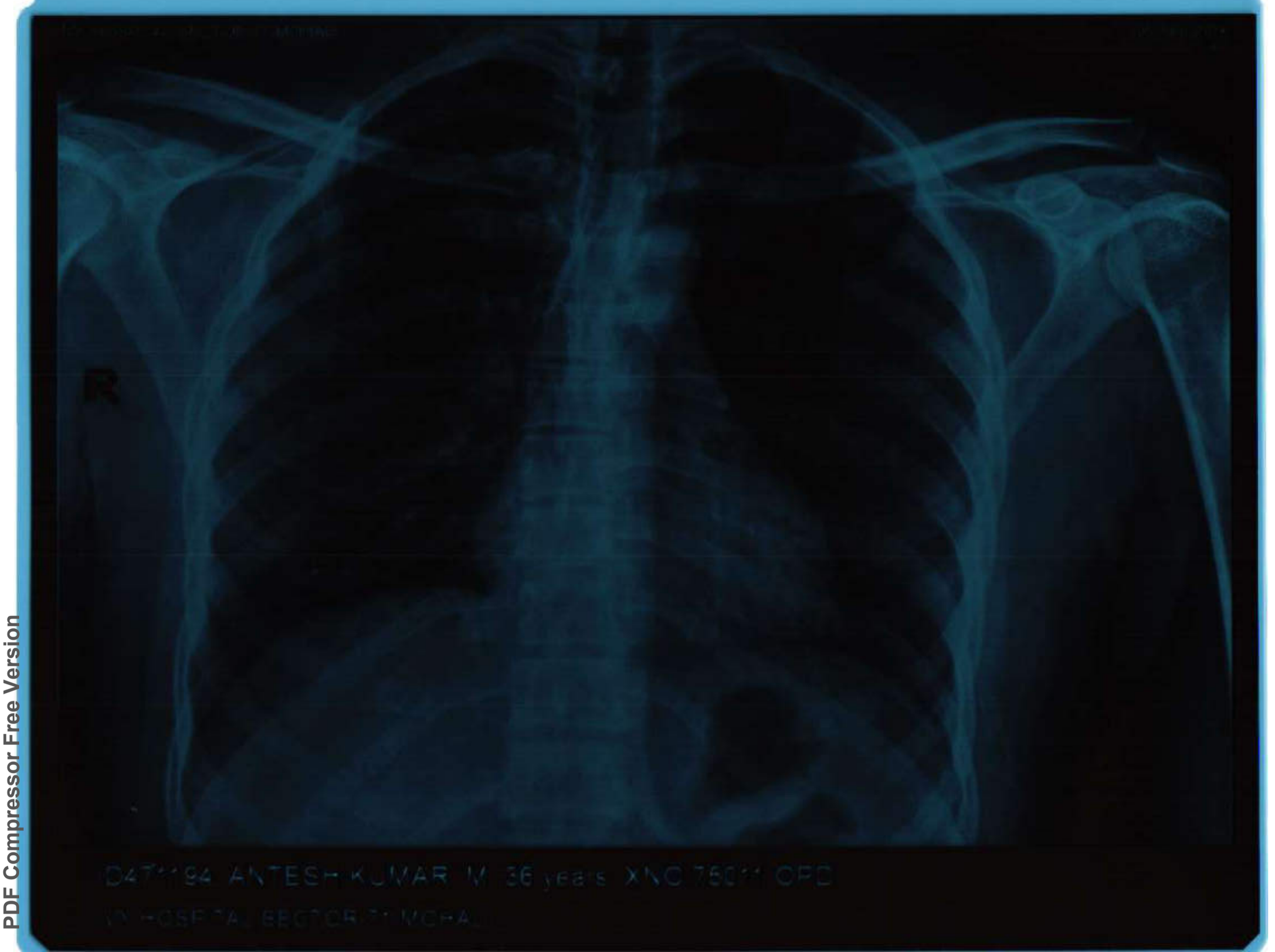
S.No.	Salt/Generic Name	Route	Dose	Frequency	Duration	Special Instructions
	4) Syp Arachitol Neuro 5ml			once a week x 10 weeks		
			1			

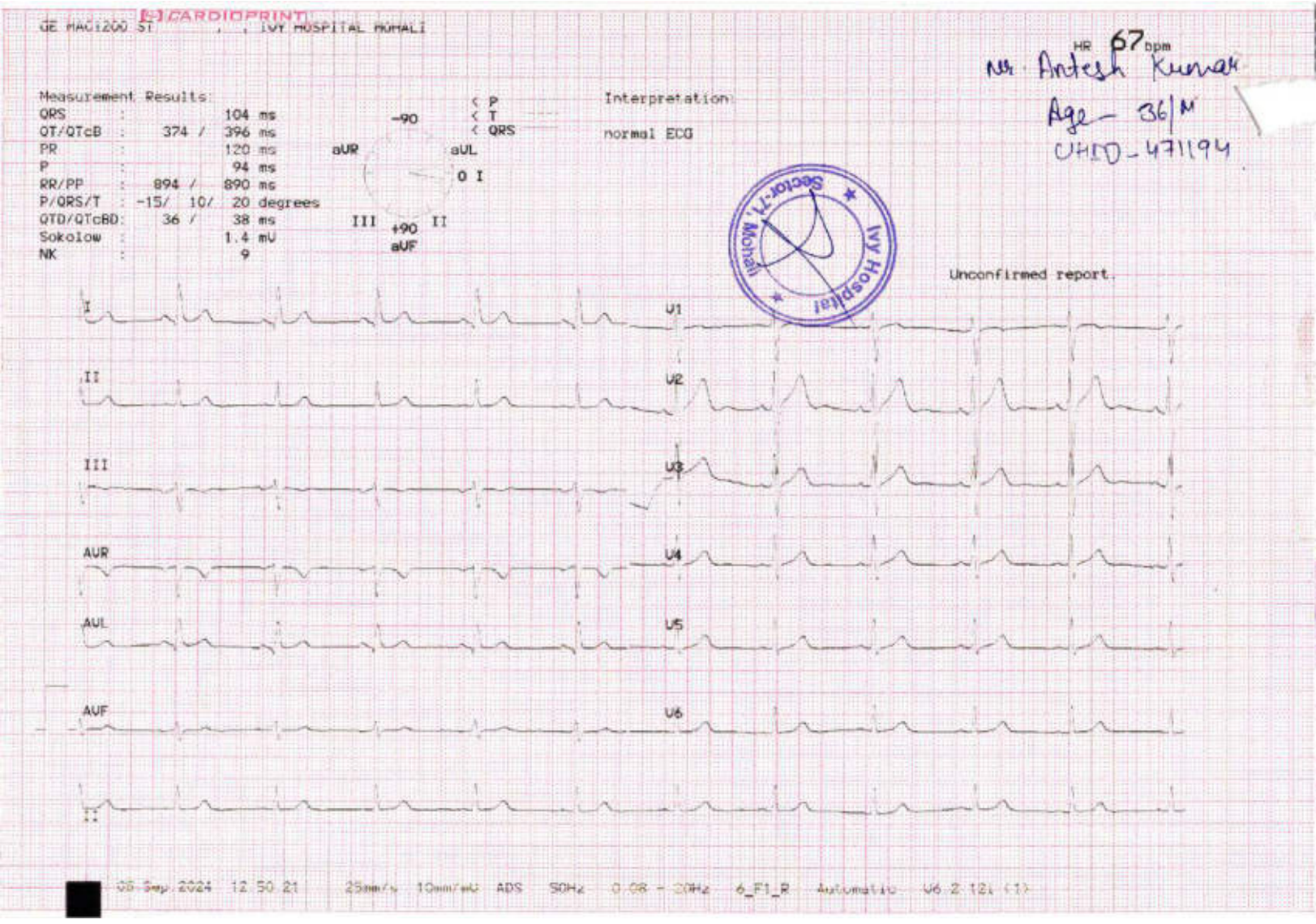
Jagpal Pandher

Dr. Jagpal Pandher
MD (Int Med), MRCP(UK), MRCP (Rheumatology)
Senior Consultant - Internal Medicine & Rheumatology
Regd No.: PMC 36469

Follow up

Sign & Stamp





IVY HOSPITAL
Sector 71
Mohali , Punjab

Ward
Telephone:

EXERCISE STRESS TEST REPORT

Patient Name: KUMAR, ANTESH
Patient ID: 471194
Height: 170 cm
Weight: 72 kg

DOB: 04.01.1988
Age: 36yrs
Gender: Male
Race: Indian

Study Date: 06.09.2024
Test Type: Treadmill Stress Test
Protocol: BRUCE

Referring Physician: SELF
Attending Physician: --
Technician: TANISHA

Medications:
--

Medical History:
--

Reason for Exercise Test:
Screening for CAD

Exercise Test Summary

Phase Name	Stage Name	Time in Stage	Speed (km/h)	Grade (%)	HR (bpm)	BP (mmHg)	Comment
PRETEST	SUPINE	00:04	0.00	0.00	85	100/80	
	STANDING	00:01	0.00	0.00	85	100/80	
	HYPERV.	00:01	0.00	0.00	86	100/80	
	WARM-UP	00:13	1.30	0.00	93	100/80	
EXERCISE	STAGE 1	03:00	2.70	10.00	117	100/80	
	STAGE 2	03:00	4.00	12.00	137	120/80	
	STAGE 3	03:00	5.40	14.00	171	130/80	
	STAGE 4	00:04	6.70	16.00	173		
RECOVERY		03:03	0.00	0.00	111	110/80	

The patient exercised according to the BRUCE for 9:04 min:s, achieving a work level of Max. METS: 10.20. The resting heart rate of 85 bpm rose to a maximal heart rate of 173 bpm. This value represents 94 % of the maximal, age-predicted heart rate. The resting blood pressure of 100/80 mmHg , rose to a maximum blood pressure of 130/80 mmHg. The exercise test was stopped due to Fatigue.

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

TMT NEGATIVE FOR INDUCIBLE ISCHEMIA.

Physician _____ Technician _____

Ivy Hospital Sector-71, Mohali

Tabular Summary

KUMAR, ANTESH
tient ID 471194
09.2024 Male 170 cm 72 kg
54:01am 36yrs Indian
Meds:

est Reason: Screening for CAD
Medical History:

Ref. MD: SELF Ordering MD:
Technician: TANISHA Test Type: Treadmill Stress Test
Comment:

IVY HOSPITAL

BRUCT Total Exercise Time 09:04
Max HR: 173 bpm 94% of max predicted 184 bpm
Max BP: 130/80 Maximum Workload: 10.20 METS
Max ST Level -1.15 mm in II; EXERCISE STAGE 3 7:59
Reasons for Termination: Fatigue
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.
Conclusion: TMT NEGATIVE FOR INDUCIBLE ISCHEMIA.
Location Number: * 0 *

ase ime	Stage Name	Time in Stage	Speed (km/h)	Grade (%)	Workload (METS)	HR (bpm)	BP (mmHg)	RPP (*100)	VE (/min)	ST Level II(mm)	Comment
RETEST	SUPINE	00:04	0.00	0.00	1.0	85	100/80	85	0	0.30	
	STANDING	00:01	0.00	0.00	1.0	85	100/80	85	0	0.30	
	HYPERV.	00:01	0.00	0.00	1.0	86	100/80	86	0	0.30	
	WARM-UP	00:13	1.30	0.00	1.0	93	100/80	93	0	0.25	
XERCISE	STAGE 1	03:00	2.70	10.00	4.6	117	100/80	117	0	0.20	
	STAGE 2	03:00	4.00	12.00	7.0	137	120/80	164	0	-0.50	
	STAGE 3	03:00	5.40	14.00	10.0	171	130/80	222	0	-0.55	
	STAGE 4	00:04	6.70	16.00	10.0	173			1	-0.85	
ECOVERY		03:03	0.00	0.00	1.0	111	110/80	122	0	0.25	

Selected Medians Report

KUMAR, ANTESH
Patient ID 471194
06.09.2024
11:54:01am

IVY HOSPITAL

	BASELINE EXERCISE	MAX. ST EXERCISE	PEAK EXERCISE EXERCISE	TEST END RECOVERY	BASELINE EXERCISE	MAX. ST EXERCISE	PEAK EXERCISE EXERCISE	TEST END RECOVERY
	0:00	7:59	9:04	2:55	0:00	7:59	9:04	2:55
	92 bpm	169 bpm	173 bpm	114 bpm	92 bpm	169 bpm	173 bpm	114 bpm
		130/80 mmHg		110/80 mmHg		130/80 mmHg		110/80 mmHg
I	0.25 mm	-0.05	0.15	0.35	V1 0.85	V1 1.55	V1 2.00	V1 1.60
	0.24 mV/s	0.92	1.44	0.48	0.46	0.27	0.56	0.85
II	0.20	-1.15	-0.85	0.40	V2 2.10	V2 3.15	V2 3.85	V2 3.10
	0.71	0.35	1.45	1.47	1.63	2.72	4.23	2.56
III	0.00	-1.05	-0.95	0.05	V3 1.75	V3 2.45	V3 3.45	V3 3.85
	0.21	-0.93	0.03	0.69	1.65	3.02	4.89	4.20
aVR	-0.25	0.60	0.30	-0.40	V4 0.95	V4 0.75	V4 1.25	V4 1.85
	-0.76	-0.68	-1.48	-1.56	1.10	1.67	2.97	2.31
aVL	0.15	0.50	0.55	0.15	V5 0.40	V5 -0.40	V5 -0.15	V5 0.60
	-0.14	0.94	0.76	-0.17	0.66	0.54	1.54	1.31
aVF	0.10	-1.10	-0.90	0.25	V6 0.00	V6 -1.00	V6 -0.90	V6 -0.05
	0.51	-0.30	0.79	1.21	0.28	-0.21	0.60	0.52

GE CASE V6.51 (0)
10mm/mV 60Hz 0.01-20Hz S+

Unconfirmed

Attending MD:

KUMAR ANTESH
Patient ID: 471194
16.09.2024
12:06:15pm

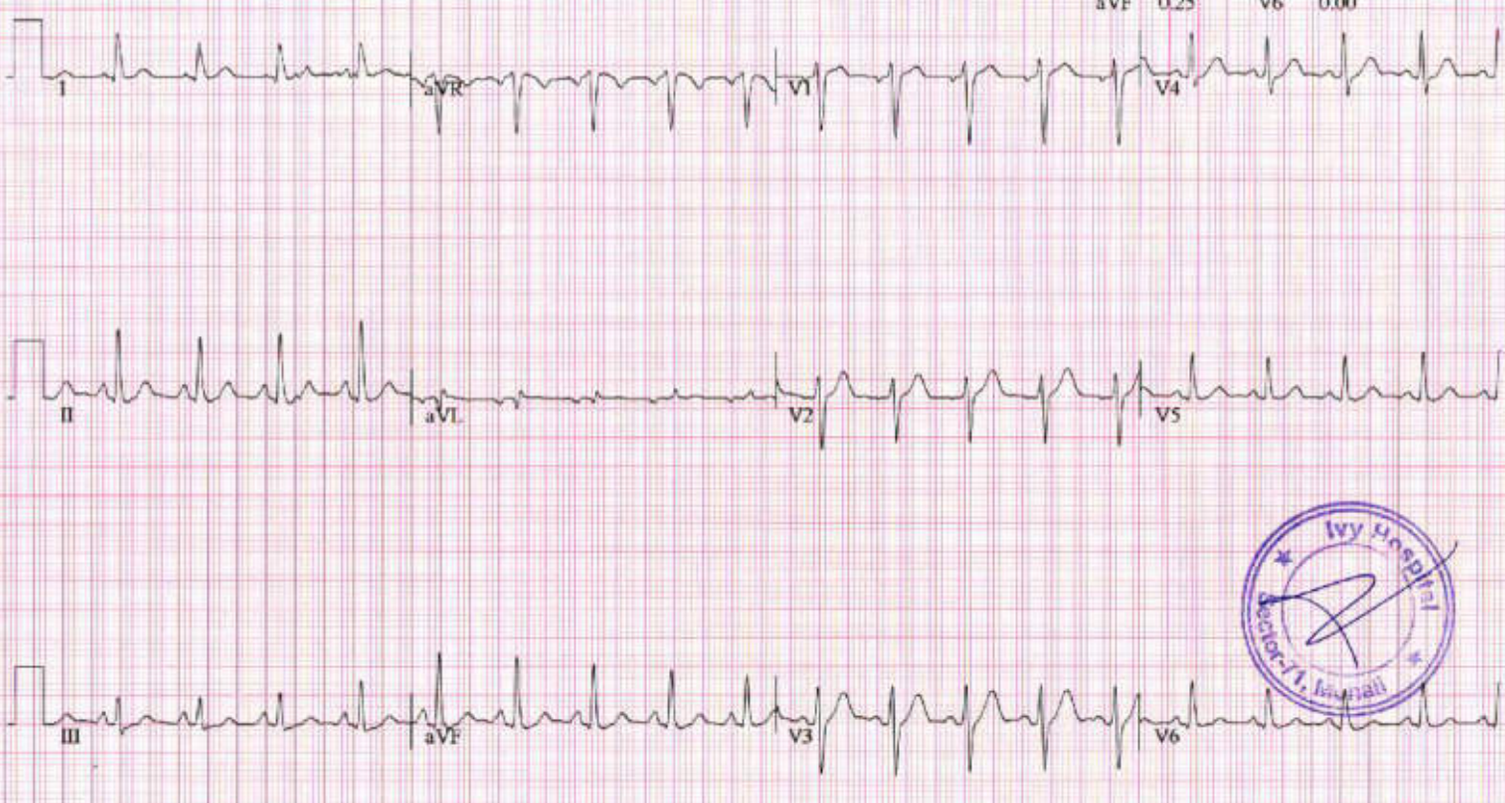
112 bpm
02:14 110/80 mmHg

RECOVERY
#1
02:50

BRUCE
0.0 km/h
0.0 %

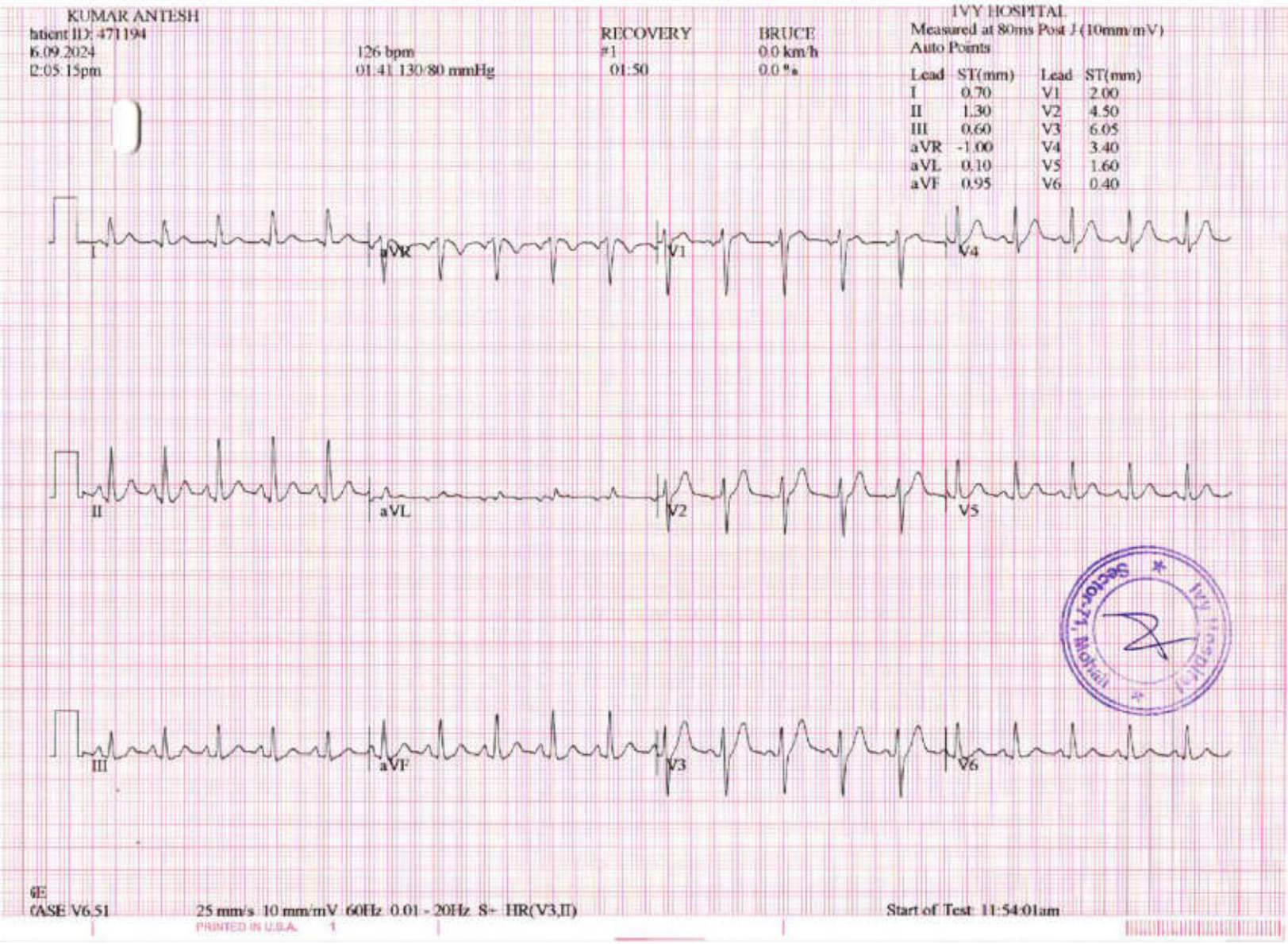
IVY HOSPITAL
Measured at 80ms Post J (10mm/mV)
Auto Points

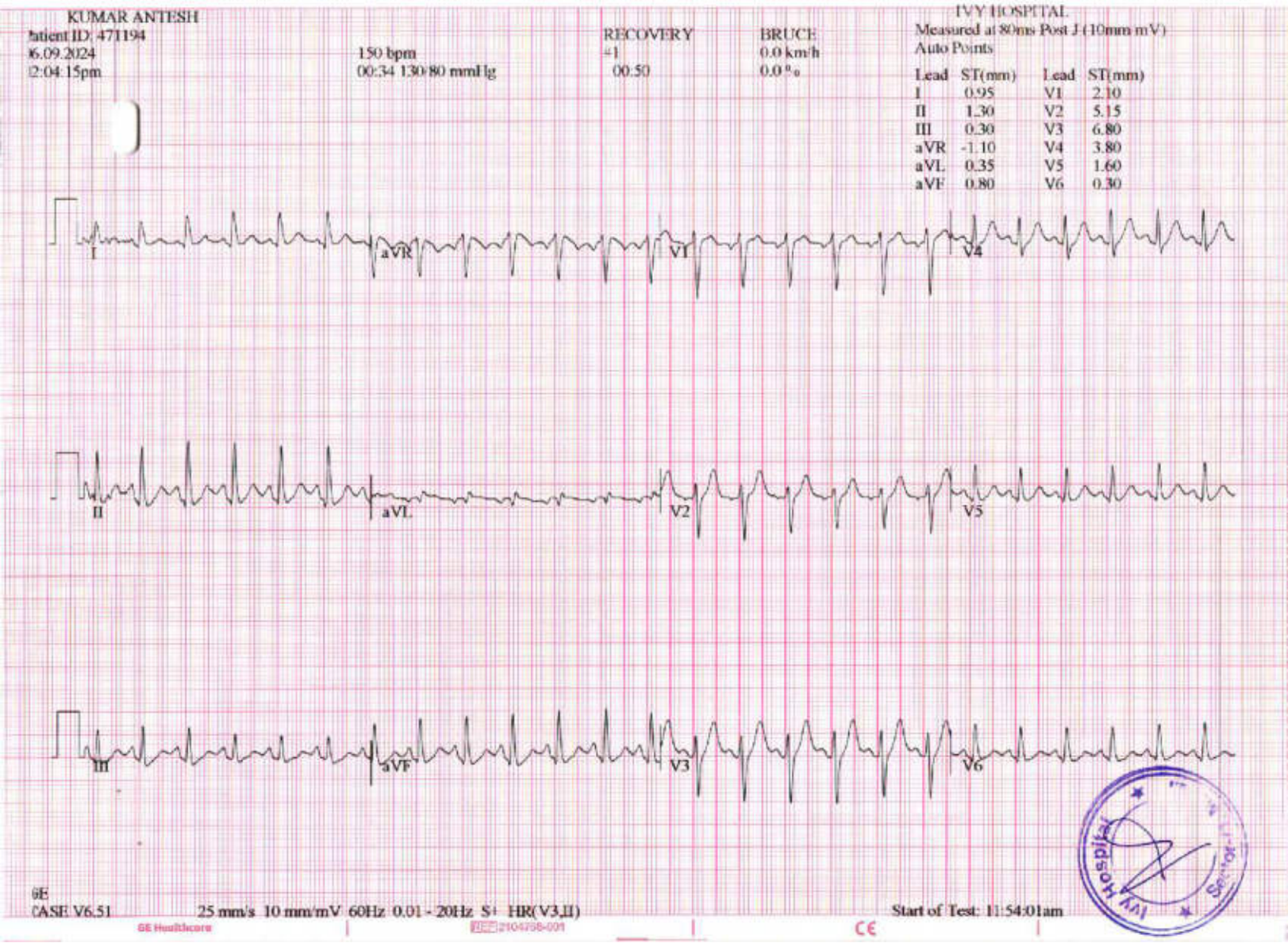
Lead	ST(mm)	Lead	ST(mm)
I	0.40	V1	1.60
II	0.45	V2	3.15
III	0.10	V3	3.95
aVR	-0.45	V4	1.95
aVL	0.15	V5	0.75
aVF	0.25	V6	0.00

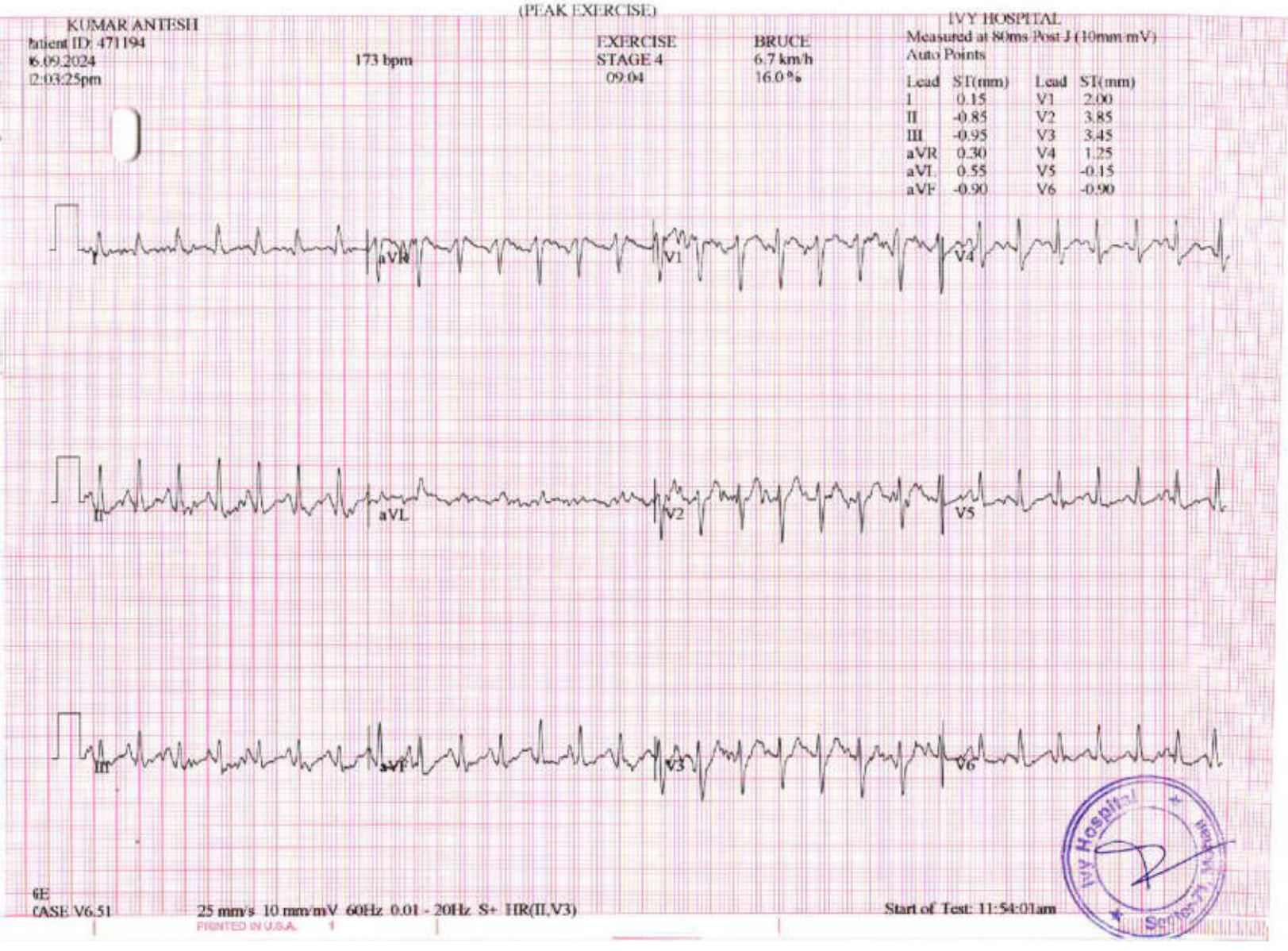


Ivy Hospital
Doctor-in-Charge

GE
CASE V6.51 25 mm/s 10 mm/mV 60Hz 0.01 - 20Hz S+ HR(V3,II) Start of Test: 11:54:01am
GE Healthcare | REF2104768-001 | CE







KUMAR ANTESH
Patient ID: 471194
16.09.2024
12:03:11pm

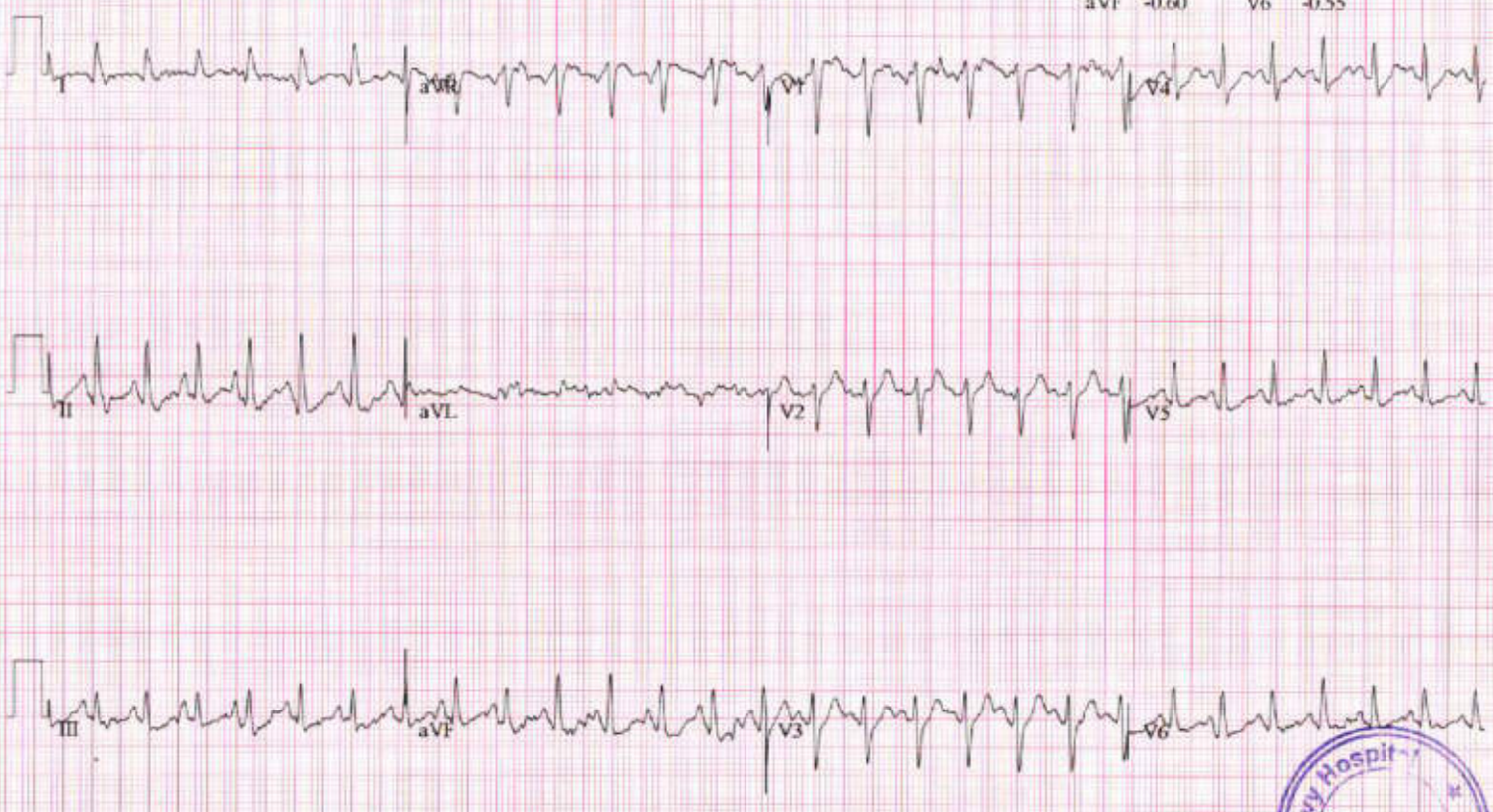
169 bpm
02:23 130/80 mmHg

EXERCISE
STAGE 3
08:50

BRUCE
5.5 km/h
14.0 %

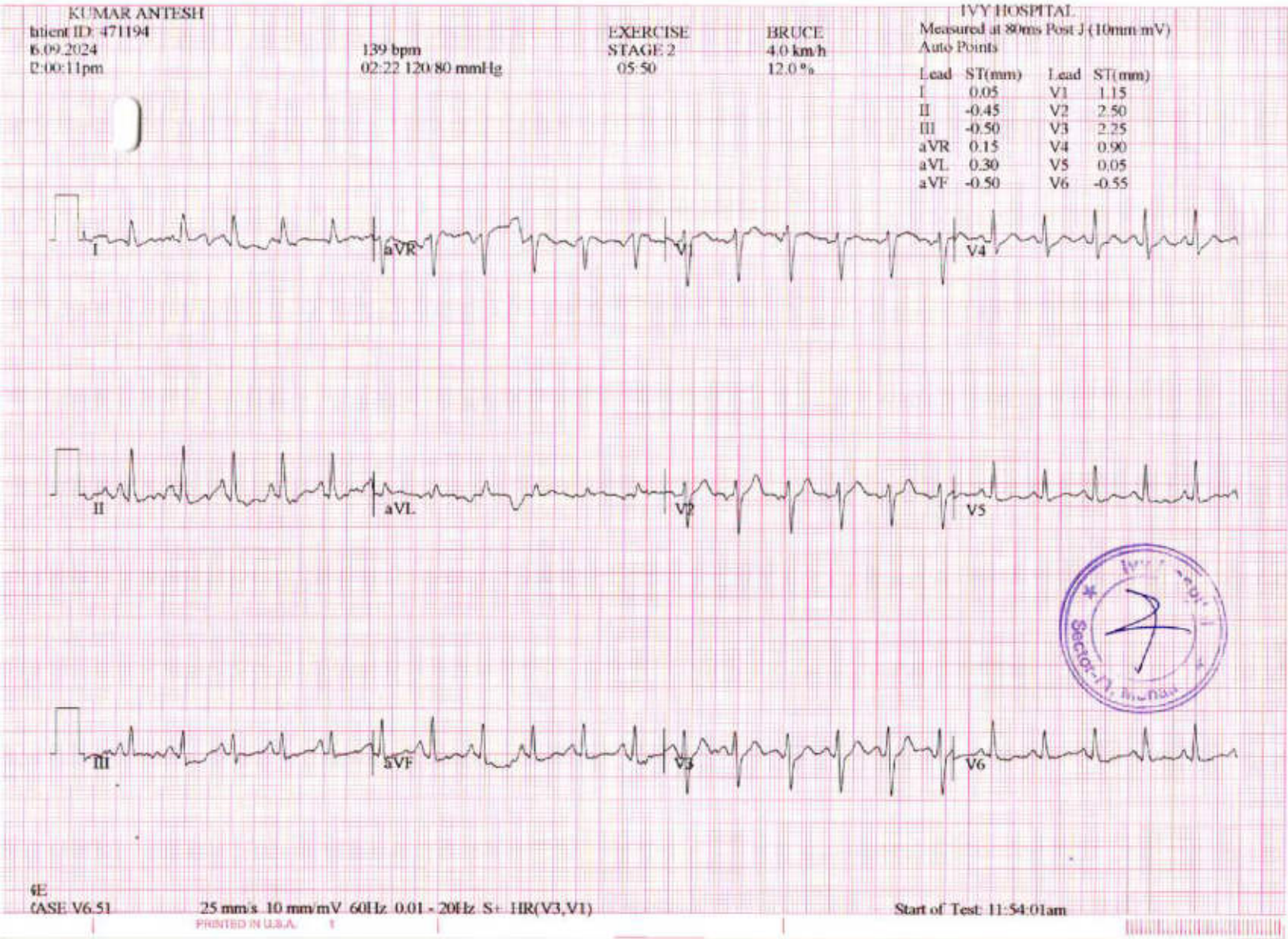
IVY HOSPITAL
Measured at 80ms Post J (10mm/mV)
Auto Points

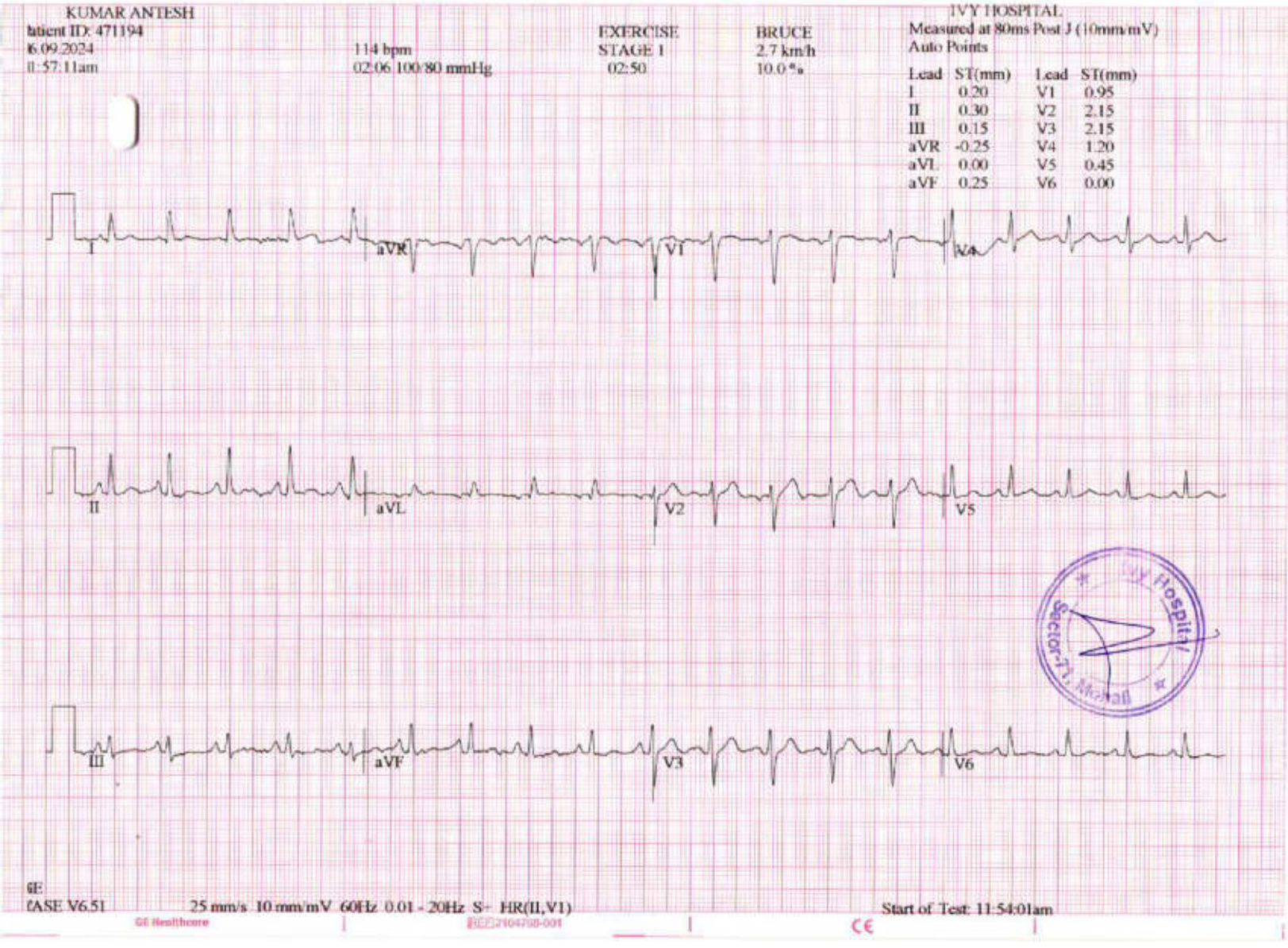
Lead	ST(mm)	Lead	ST(mm)
I	0.30	V1	1.75
II	-0.45	V2	3.65
III	-0.80	V3	3.55
aVR	0.10	V4	1.40
aVL	0.55	V5	0.00
aVF	-0.60	V6	-0.55



GE
CASE V6.51 25 mm/s 10 mm/mV 60Hz 0.01 - 20Hz S: HR(II,V3)
Start of Test: 11:54:01am
GE Healthcare
REF 2104760-001
CE

Ivy Hospital
Sector-71, Mohali





12SL REPORT

KUMAR ANTESH
Patient ID: 471194
6.09.2024
1:54:06am

Male 170 cm 72 kg
36yrs Indian

100/80 mmHg

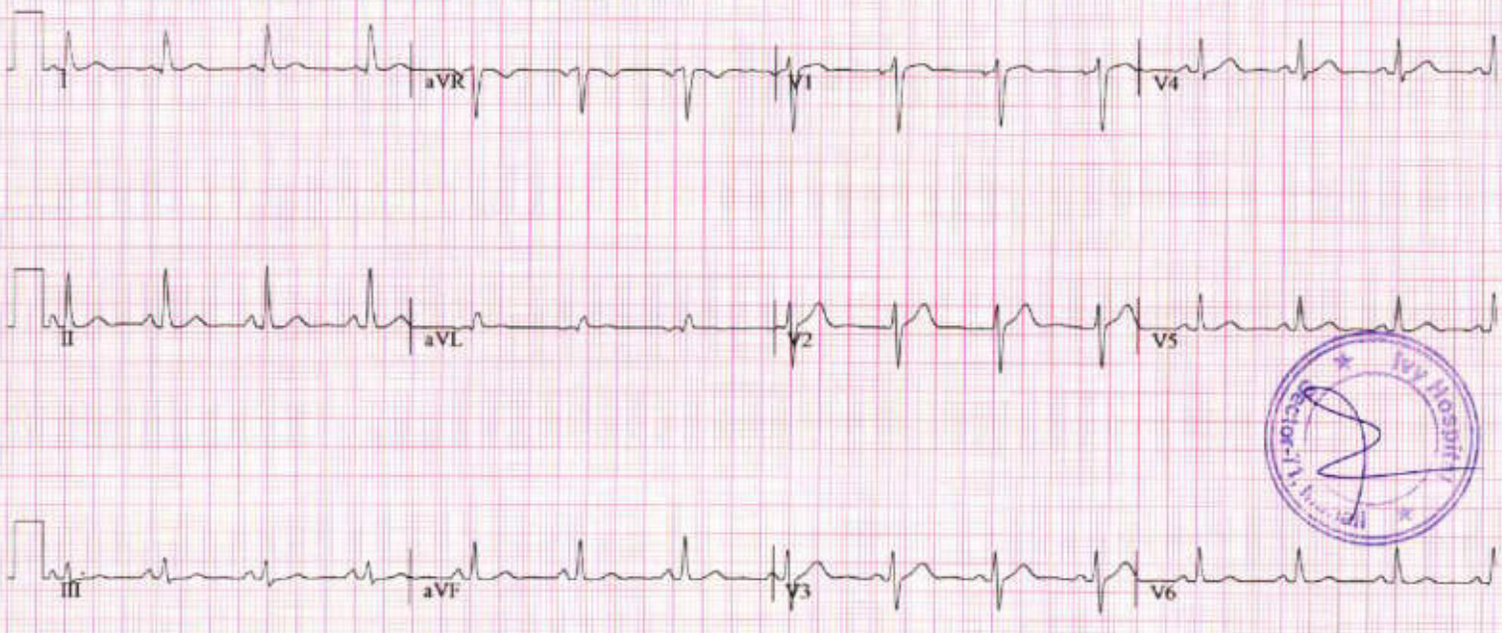
IVY HOSPITAL

PRETEST
SUPINE
00:03

BRUCE
0.0 km/h
0.0 %

Vent. Rate	85 bpm	Normal sinus rhythm
PR interval	118 ms	Normal ECG
QRS duration	90 ms	
QT/QTc	336/399 ms	
P-R-T axes	75/45/51	
P duration	88 ms	
RR interval	708 ms	

Technician TANISHA
Medication:



IVY Hospital
Sector-11, Panchkula

GE
CASE V6.51

25 mm/s 10 mm/mV 60Hz 0.01 - 20Hz S- 12SL 20.1

Start of Test: 11:54:01am

PRINTED IN U.S.A. 1

Ivy Hospital
SUPER-SPECIALITY HEALTHCARE
SECTOR 71, MOHALI
Tel: 0172-7170000
CIN No. : U85110PB2005PTC027898

NAME	ANTESH KUMAR	SEX/AGE	M36Y
PATIENT ID	ID471194	Accession Number	XNO.75011 OPD
REF CONSULTANT	Dr.	DATE	05/09/2024 11:47

X-RAY CHEST (PA VIEW)

- Rotated film.
- Bony structures and soft tissue appear normal.
- Both lung fields show increased bronchovascular markings and reticulations.
- Domes of diaphragm and costophrenic angles appear normal.
- Cardiac shadow is within normal limit.

Please correlate clinically.

Dr GURSIMRAN SINGH ANAND
MD RADIODIAGNOSIS

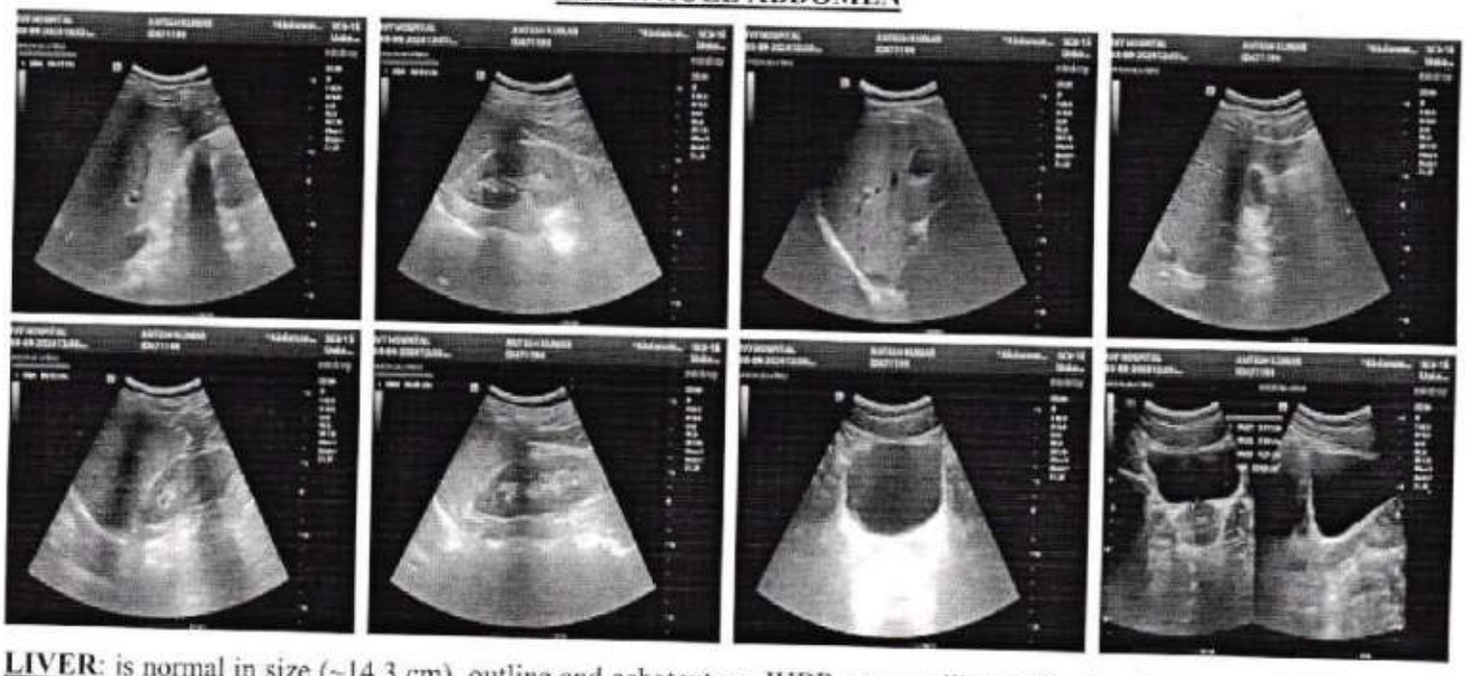
The above impression is just an opinion of the imaging findings and not a final diagnosis. Needs correlation with clinical status, lab investigations and other relevant investigations

(NOT FOR MEDICO-LEGAL PURPOSE)

Ivy Hospital
SUPER-SPECIALITY HEALTHCARE
SECTOR 71, MOHALI
Tel: 0172-7170000
CIN No. : U85110PB2005PTC027898

NAME	., ANTESH KUMAR	SEX/AGE	M36Y
PATIENT ID	ID471194	Accession Number	
REF CONSULTANT	PACKAGE	DATE	05/09/2024 12:30

USG WHOLE ABDOMEN



LIVER: is normal in size (~14.3 cm), outline and echotexture. IHBR are not dilated. Portal vein is normal. Visualized CBD is not dilated.

GALL BLADDER: is partially distended at the time of examination.

SPLEEN: is normal in size (~10.1 cm), outline and echotexture.

PANCREAS & UPPER RETROPERITONEUM: Visualised pancreatic head and proximal body are normal in size and echotexture. Tail of pancreas is obscured by bowel gas.

RIGHT KIDNEY: It is normal in size (~10.1 cm), outline and echotexture. Corticomedullary differentiation is well-defined. No hydronephrosis is seen.

LEFT KIDNEY: It is normal in size (~10.4 cm), outline and echotexture. Corticomedullary differentiation is well-defined. No hydronephrosis is seen.

U-BLADDER: is normally distended at the time of examination with normal wall thickness.

PROSTATE: is normal in size (~23 cc).

No free fluid is seen in peritoneal cavity.

IMPRESSION:

No significant abnormality detected in current study.

Adv. Clinical correlation and follow up.

Dr. Shruti
DNB Resident

(NOT FOR MEDICO-LEGAL PURPOSE)

Ivy Hospital

SUPER-SPECIALITY HEALTHCARE
SECTOR 71, MOHALI
Tel: 0172-7170000
CIN No. : U85110PB2005PTC027898

NAME	., ANTESH KUMAR	SEX/AGE	M36Y
PATIENT ID	ID471194	Accession Number	
REF CONSULTANT	PACKAGE	DATE	05/09/2024 12:30

DR EKTA MISHRA
MD RADIO- DIAGNOSIS

The above impression is just an opinion of the imaging findings and not a final diagnosis. Needs correlation with clinical status, lab investigations and other relevant investigations

LIVASA HOSPITAL
Sector 71, Mohali, Punjab, 160071
Ph: 9115115257, 9115115624
Email: pathreports@ivyhospital.in

Ivy Hospital

NAME	: MR ANTESH KUMAR		
DOB/Gender	: 04-Jan-1988/M	Requisition Date	: 05/Sep/2024 11:17AM
UHID	: 471194	SampleCollDate	: 06/Sep/2024 12:12PM
Inv. No.	: 4559301	Sample Rec.Date	: 06/Sep/2024 12:12PM
Panel Name	: Ivy Mohali	Approved Date	: 06/Sep/2024 01:31PM
Bar Code No	: 13256156	Referred Doctor	: Self

Test Description	Observed Value	Unit	Reference Range
BIOCHEMISTRY			
GLUCOSE PP			
Plasma Glucose Post Prandial (VITROS 5600 /Colorimetric - Glucose oxidase, hydrogen peroxide)	112	mg/dL	Normal <140 Impaired Tolerance 140--180 Diabetic >180

*** End Of Report ***

The highlighted values should be correlated clinically

Result Entered By:Shweta Sharma 41252

Dr Shweta Kundu
M.D PATHOLOGY

LIVASA HOSPITAL
Sector 71, Mohali, Punjab, 160071
Ph: 9115115257, 9115115624
Email: pathreports@ivyhospital.in

Ivy Hospital

NAME	: MR ANTESH KUMAR		
DOB/Gender	: 04-Jan-1988/M	Requisition Date	: 05/Sep/2024 11:17AM
UHID	: 471194	SampleCollDate	: 05/Sep/2024 11:59AM
Inv. No.	: 4559301	Sample Rec.Date	: 05/Sep/2024 11:59AM
Panel Name	: Ivy Mohali	Approved Date	: 05/Sep/2024 01:18PM
Bar Code No	: 13256156	Referred Doctor	: Self

Test Description	Observed Value	Unit	Reference Range

IMMUNOASSAY

TOTAL THYROID PROFILE

Serum Total T3 (CLIA/Vitros 5600)	1.50	ng/mL	0.970 – 1.69

Summary & Interpretation:
Triiodothyronine (T3) is the hormone principally responsible for the development of the effects of the thyroid hormones on the various target organsT3 is mainly formed extrathyroidally , particularly in the liver, by deiodination of T4. A reduction in the conversion of T4 to T3 results in a fall in the T3 concentration.It Occurs under the influence of medicaments such as propanolol, glucocorticoids or amiodarone and in severe non-thyroidal illness (NTI). 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.

Serum Total T4 (CLIA/Vitros 5600)	8.20	µg/dL	5.52 – 12.97

Summary & Interpretation:
The hormone thyroxine (T4) is the main product secreted by the thyroid gland. The major part of total thyroxine (T4) in serum is present in protein-bound form. As the concentration of the transport proteins in serum are subject to exogenous and endogenous effects, the status of the binding proteins must also be taken in to account in the assessment of the thyroid hormone concentration in serum. 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.

Serum TSH (CLIA/Vitros 5600- TSH 3rd generation)	1.700	mIU/L	0.4001 - 4.049

Summary & Interpretation
TSH is formed in specific basophil cells of the anterior pituitary and is subject to a circardian secretion sequence.The determination of TSH serves as the initial test in thyroid diagnostics. Accordingly, TSH is a very sensitive and specific parameter for assessing thyroid function and is particularl suitable for early detection or exclusion of disorders in the central regulating circuit between the hypothalamus, pituitary and thyroid.

Note:
1.TSH levels are subject to circadian variation, reaching peak levels between 2 - 4 a.m. and at a minimum between6-10 pm .The variation is of the order of 50% , hence time of the day has influence on the measured serum TSH concentrations
2. Recommended test for T3 and T4 is unbound fraction or free levels as it is metabolically active.
3. Physiological rise in Total T3 / T4 levels is seen in pregnancy and in patients on steroid therapy.
4. Clinical Use: Primary Hypothyroidism, Hyperthyroidism, Hypothalamic – Pituitary hypothyroidism, Inappropriate TSH secretion, Nonthyroidal illness, Autoimmune thyroid disease, Pregnancy associated thyroid disorders.

PREGNANCY	REFERENCE RANGE FOR TSH IN uIU/mL
1st Trimester	0.05 – 3.70
2nd Trimester	0.31 – 4.35
3rd Trimester	0.41 – 5.18

Result Entered By:Raghunandan 6865M

Sector-71, Mohali
Dr Shweta Kundi
M.D PATHOLOGY

LIVASA HOSPITAL
Sector 71, Mohali, Punjab, 160071
Ph: 9115115257, 9115115624
Email: pathreports@ivyhospital.in

Ivy Hospital

NAME	: MR ANTESH KUMAR		
DOB/Gender	: 04-Jan-1988/M	Requisition Date	: 05/Sep/2024 11:17AM
UHID	: 471194	SampleCollDate	: 05/Sep/2024 11:59AM
Inv. No.	: 4559301	Sample Rec.Date	: 05/Sep/2024 11:59AM
Panel Name	: Ivy Mohali	Approved Date	: 05/Sep/2024 01:18PM
Bar Code No	: 13256156	Referred Doctor	: Self

Test Description	Observed Value	Unit	Reference Range

BIOCHEMISTRY

GLUCOSE FASTING

Primary Sample Type:Fluoride Plasma

Plasma Glucose Fasting (VITROS 5600 /Colorimetric - Glucose oxidase, hydrogen peroxide)	89	mg/dL	Normal 70-99 mg/dl Impaired Tolerance 100 - 125mg/dl Diabetic ≥126 mg/dl

Interpretation (In accordance with the American diabetes association guidelines):

- A fasting plasma glucose level below 100 mg/dL is considered normal.
- A fasting plasma glucose level between 100-125 mg/dL is considered as glucose intolerant or pre diabetic. A fasting and post-prandial blood sugar test (after consumption of 75 gm of glucose) is recommended for all such patients.
- A fasting plasma glucose level ≥126 mg/dL is highly suggestive of a diabetic state. A repeat fasting test is strongly recommended for all such patients. A fasting plasma glucose level in excess of 126 mg/dL on both the occasions is confirmatory of a diabetic state.

RFT (RENAL FUNCTION TESTS)

Serum Urea (VITROS 5600 /Colorimetric - Urease, UV)	**15.00**	mg/dl	19.2--42.8 mg/dl
Serum Creatinine (VITROS 5600 /Two-point rate - Enzymatic)	0.80	mg/dL	0.66--1.25mg/dl
Serum Uric acid (VITROS 5600 /Colorimetric - Uricase)	6.50	mg/dL	3.5--8.5 mg/dl

Interpretation:
Renal function tests are used to detect and diagnose diseases of the Kidney.

Dr Shweta Kundu
M.D PATHOLOGY

Result Entered By Raghunandan 6865M

LIVASA HOSPITAL
Sector 71, Mohali, Punjab, 160071
Ph: 9115115257, 9115115624
Email: pathreports@ivyhospital.in

Ivy Hospital

NAME	: MR ANTESH KUMAR		
DOB/Gender	: 04-Jan-1988/M	Requisition Date	: 05/Sep/2024 11:17AM
UHID	: 471194	SampleCollDate	: 05/Sep/2024 11:59AM
Inv. No.	: 4559301	Sample Rec.Date	: 05/Sep/2024 11:59AM
Panel Name	: Ivy Mohali	Approved Date	: 05/Sep/2024 01:18PM
Bar Code No	: 13256156	Referred Doctor	: Self

Test Description	Observed Value	Unit	Reference Range
LIVER FUNCTION TEST WITH GGT			
Serum Bilirubin Total (VITROS 5600 /Colorimetric - Diphenylene Diazonium salt)	1.20	mg/dL	0.2-1.3 mg/dl
Serum Bilirubin Direct (VITROS 5600 /Colorimetric - Direct measure)	0.41	mg/dL	Adult 0.0-1.1 mg/dl Neonate 0.6--10.5 mg/dl
Serum Bilirubin Indirect (VITROS 5600 /Colorimetric - Direct measure)	**0.79**	mg/dL	Adult 0.0-0.3 mg/dl Neonate 0.0-0.6 mg/dl
Serum SGOT(AST) (VITROS 5600 /UV with P5P)	19	U/L	Male 17-59U/L
Serum SGPT(ALT) (VITROS 5600 /Multi-point rate - UV with P5P)	**20**	U/L	21-72
Serum AST/ALT Ratio (Calculated)	0.95		
Serum GGT (VITROS 5600 /Multi-point rate - G-glutamyl-p-nitroanilide)	13	U/L	Male 12-43
Serum Alkaline Phosphatase (VITROS 5600 /Multi-point rate - PMPP, AMP Buffer [37°C])	71	U/L	38--126U/L
Serum Protein Total (VITROS 5600 /Colorimetric - Biuret on serum (Rate, end point))	8.1	g/dl	6.3--8.2g/dl
Serum Albumin (VITROS 5600 /Colorimetric - Bromcresol Green)	4.8	g/dl	3.5--5.0g/dl
Serum Globulin (Calculated)	3.30	mg/dL	2.0-3.5
Serum Albumin/Globulin Ratio (Calculated)	1.45	%	1.0 - 1.8

Interpretation:
Liver blood tests, or liver function tests, are used to detect and diagnose disease or inflammation of the liver. Elevated aminotransferase (ALT, AST) levels are measured as well as alkaline phosphatase, albumin, and bilirubin. Some diseases that cause abnormal levels of ALT and AST include hepatitis A, B, and C, cirrhosis, iron overload, and Tylenol liver damage. Medications also cause elevated liver enzymes. There are less common conditions and diseases that also cause elevated liver enzyme levels.

LIPID PROFILE			
Serum Cholesterol (VITROS 5600 /Colorimetric - Cholesterol oxidase, esterase, peroxidase)	155	mg/dL	Desirable <200mg/dl Boredrline High 200-239mg/dl High ≥240mg/dl
Serum Triglycerides (VITROS 5600 /Colorimetric - Enzymatic, end point)	145	mg/dL	Normal < 150mg/dl Boredrline High 150--199mg/dl High 200-499mg/dl Very High ≥500 mg/dl

Dr Shweta Kundu
M.D PATHOLOGY

Result Entered By:Raghunandan 6865M

LIVASA HOSPITAL
Sector 71, Mohali, Punjab, 160071
Ph: 9115115257, 9115115624
Email: pathreports@ivyhospital.in

Ivy Hospital

NAME	: MR ANTESH KUMAR		
DOB/Gender	: 04-Jan-1988/M	Requisition Date	: 05/Sep/2024 11:17AM
UHID	: 471194	SampleCollDate	: 05/Sep/2024 11:59AM
Inv. No.	: 4559301	Sample Rec.Date	: 05/Sep/2024 11:59AM
Panel Name	: Ivy Mohali	Approved Date	: 05/Sep/2024 01:18PM
Bar Code No	: 13256156	Referred Doctor	: Self

Test Description	Observed Value	Unit	Reference Range
Serum HDL Cholesterol (VITROS 5600 /Colorimetric - Direct measure, PTA/MgCl2)	37	mg/dL	Low to Average <40 mg/dl High ≥ 60.0mg/dl
Serum VLDL cholesterol (Calculated)	29	mg/dL	7-35
Serum LDL cholesterol (Calculated)	89	mg/dL	50-100
Serum Cholesterol-HDL Ratio (Calculated)	4.19		3-5
Serum LDL-HDL Ratio (Calculated)	2.41		1.5 - 3.5

Interpretation:
As per ATP 111 Guidelines - National Cholesterol Education Program

Total Cholesterol (mg/dL)	Desirable <200 Borderline High 200 – 239 High <240
Triglyceride	Normal < 150 Borderline High 150 – 199 High 200 – 499 Very High ≥ 500
HDL – Cholesterol	Low < 40 High ≥ 60
LDL- Cholesterol – Primary Target of Therapy	Optimal < 100 Near optimal/ Above optimal 100 – 129 Borderline high 130 – 159 High 160 – 189 Very high ≥ 190

Risk Category LDL	Goal (mg/dL)	Non-HDL Goal (mg/dL)
CHD and CHD Risk Equivalent (10-year risk for CHD>20%)	<100	<130
Multiple (2+) Risk Factors and 10-year risk <20%	<130	<160
0-1 Risk Factor	<160	<190

Result Entered By:Raghunandan 6865M

Dr Shweta Kundu
M.D PATHOLOGY

LIVASA HOSPITAL
Sector 71, Mohali, Punjab, 160071
Ph: 9115115257, 9115115624
Email: pathreports@ivyhospital.in

Ivy Hospital

NAME	: MR ANTESH KUMAR		
DOB/Gender	: 04-Jan-1988/M	Requisition Date	: 05/Sep/2024 11:17AM
UHID	: 471194	SampleCollDate	: 05/Sep/2024 11:59AM
Inv. No.	: 4559301	Sample Rec.Date	: 05/Sep/2024 11:59AM
Panel Name	: Ivy Mohali	Approved Date	: 05/Sep/2024 01:18PM
Bar Code No	: 13256156	Referred Doctor	: Self

Test Description	Observed Value	Unit	Reference Range
CLINICAL PATHOLOGY			
COMPLETE URINE EXAMINATION			
Physical Examination			
Urine Volume	30.00	mL	
Urine Colour	Pale yellow		Light Yellow
Urine Appearance	Slightly hazy		Clear
Chemical Examination (Reflectance Photometry)			
Urine pH	6.00		4.8-7.6
Urine Specific Gravity	1.010		1.010-1.030
Urine Glucose	Absent		Absent
Urine Protein (Protein Estimation)	Absent		NIL
Urine Ketones	Absent		Absent
Urine Bilirubin	Absent		Absent
Urine for Urobilinogen	Absent		
Urine Nitrite	Absent		Absent
Microscopic Examination			
Urine Pus Cells	5-6		0-5
Urine RBC	Absent	/hpf	Absent
Urine Epithelial Cells	2-3	/hpf	0-5
Urine Casts	Absent	/lpf	Absent
Urine Crystals	Absent	/hpf	Absent
Urine Bacteria	Absent	/hpf	Absent
Urine Yeast Cells	Absent	/hpf	Absent
Amorphous Deposit	Absent		Absent

Dr Shweta Kundu
M.D PATHOLOGY

Result Entered By:Raghunandan 6865M

LIVASA HOSPITAL
Sector 71, Mohali, Punjab, 160071
Ph: 9115115257, 9115115624
Email: pathreports@ivyhospital.in

NAME	: MR ANTESH KUMAR		
DOB/Gender	: 04-Jan-1988/M	Requisition Date	: 05/Sep/2024 11:17AM
UHID	: 471194	SampleCollDate	: 05/Sep/2024 11:53AM
Inv. No.	: 4559301	Sample Rec.Date	: 05/Sep/2024 11:53AM
Panel Name	: Ivy Mohali	Approved Date	: 05/Sep/2024 12:51PM
Bar Code No	: 13256156	Referred Doctor	: Self

Test Description	Observed Value	Unit	Reference Range

HAEMATOLOGY

BLOOD GROUP RH TYPE

ABO & RH Typing

Forward Grouping

Anti A	NEGATIVE
Anti B	POSITIVE
Anti D	POSITIVE
Final Blood Group	B POSITIVE

NOTE :
* Apart from major A,B,H antigens which are used for ABO grouping and Rh typing, many minor blood group antigens exist. Agglutination may also vary according to titre of antigen and antibody.
* So before transfusion, reconfirmation of blood group as well as cross-matching is needed.
* Presence of maternal antibodies in newborns, may interfere with blood grouping.
* Auto agglutination (due to cold antibody, falciparum malaria, sepsis, internal malignancy etc.) may also cause erroneous result.

The highlighted values should be correlated clinically

Result Entered By:Raghunandan 6865M

Dr Shweta Kundu
M.D PATHOLOGY

LIVASA HOSPITAL
Sector 71, Mohali, Punjab, 160071
Ph: 9115115257, 9115115624
Email: pathreports@ivyhospital.in

NAME	: MR ANTESH KUMAR		
DOB/Gender	: 04-Jan-1988/M	Requisition Date	: 05/Sep/2024 11:17AM
UHID	: 471194	SampleCollDate	: 05/Sep/2024 11:53AM
Inv. No.	: 4559301	Sample Rec.Date	: 05/Sep/2024 11:53AM
Panel Name	: Ivy Mohali	Approved Date	: 05/Sep/2024 01:47PM
Bar Code No	: 13256156	Referred Doctor	: Self

Test Description	Observed Value	Unit	Reference Range
HAEMATOLOGY			
ESR			
Primary Sample Type:EDTA Blood			
ESR (Automated ESR analyser)	13	mm/h	0-10

The highlighted values should be correlated clinically

Result Entered By:Raghunandan 6865M

Dr Shweta Kundi
M.D PATHOLOGY

LIVASA HOSPITAL
Sector 71, Mohali, Punjab, 160071
Ph: 9115115257, 9115115624
Email: pathreports@ivyhospital.in

Ivy Hospital

NAME	: MR ANTESH KUMAR		
DOB/Gender	: 04-Jan-1988/M	Requisition Date	: 05/Sep/2024 11:17AM
UHID	: 471194	SampleCollDate	: 05/Sep/2024 11:53AM
Inv. No.	: 4559301	Sample Rec.Date	: 05/Sep/2024 11:53AM
Panel Name	: Ivy Mohali	Approved Date	: 05/Sep/2024 12:32PM
Bar Code No	: 13256156	Referred Doctor	: Self

Test Description	Observed Value	Unit	Reference Range

HAEMATOLOGY

COMPLETE BLOOD COUNT (Sample Type- Whole Blood EDTA)

Haemoglobin (Noncyanmethaemoglobin)	15.9	g/dl	13.0 - 17.0
Hematocrit(PCV) (Calculated)	**48.1**	%	36-48
Red Blood Cell (RBC) (Impedance/DC Detection)	4.90	10^6 / µl	4.5-5.5
Mean Corp Volume (MCV) (Impedance/DC Detection)	**97.6**	fL	83-97
Mean Corp HB (MCH) (Calculated)	**32.3**	pg/mL	27-31
Mean Corp HB Conc (MCHC) (Calculated)	33.1	gm/dl	32-36
Red Cell Distribution Width -CV (Calculated)	12.9	%	11-15
Platelet Count (Impedance DC Detection/Microscopy)	262	10^3/ul	150-450
Mean Platelet Volume (MPV) (Impedance/DC Detection)	9.7	fL	7.5-10.3
Total Leucocyte Count (TLC) (Impedance/DC Detection)	5.1	10^3 /µl	4.0 - 10.0

Differential Leucocyte Count (VCS/ Microscopy)

Neutrophils	53	%	40-75
Lymphocytes	36	%	20-40
Monocytes	6	%	0-8
Eosinophils	5	%	0-4
Basophils	0	%	0-1
Absolute Neutrophil Count	2,703	µl	2000-7000
Absolute Lymphocyte Count	1,836	uL	1000-3000
Absolute Monocyte Count	306	uL	200-1000
Absolute Eosinophil Count	255	µl	20-500

The highlighted values should be correlated clinically

Result Entered By:Raghunandan 6865M

DR BHUMIKA BISHT
M. D. PATHOLOGY

LIVASA HOSPITAL
Sector 71, Mohali, Punjab, 160071
Ph: 9115115257, 9115115624
Email: pathreports@ivyhospital.in

Ivy Hospital

NAME	: MR ANTESH KUMAR		
DOB/Gender	: 04-Jan-1988/M	Requisition Date	: 05/Sep/2024 11:17AM
UHID	: 471194	SampleCollDate	: 05/Sep/2024 11:53AM
Inv. No.	: 4559301	Sample Rec.Date	: 05/Sep/2024 11:53AM
Panel Name	: Ivy Mohali	Approved Date	: 05/Sep/2024 12:32PM
Bar Code No	: 13256156	Referred Doctor	: Self

Test Description	Observed Value	Unit	Reference Range
HAEMATOLOGY			
COMPLETE BLOOD COUNT (Sample Type- Whole Blood EDTA)			
Haemoglobin (Noncyanmethaemoglobin)	15.9	g/dl	13.0 - 17.0
Hematocrit(PCV) (Calculated)	**48.1**	%	36-48
Red Blood Cell (RBC) (Impedance/DC Detection)	4.90	10^6 / µl	4.5-5.5
Mean Corp Volume (MCV) (Impedance/DC Detection)	**97.6**	fL	83-97
Mean Corp HB (MCH) (Calculated)	**32.3**	pg/mL	27-31
Mean Corp HB Conc (MCHC) (Calculated)	33.1	gm/dl	32-36
Red Cell Distribution Width -CV (Calculated)	12.9	%	11-15
Platelet Count (Impedance/DC Detection/Microscopy)	262	10^3/ul	150-450
Mean Platelet Volume (MPV) (Impedance/DC Detection)	9.7	fL	7.5-10.3
Total Leucocyte Count (TLC) (Impedance/DC Detection)	5.1	10^3 /µl	4.0 - 10.0
Differential Leucocyte Count (VCS/ Microscopy)			
Neutrophils	53	%	40-75
Lymphocytes	36	%	20-40
Monocytes	6	%	0-8
Eosinophils	**5**	%	0-4
Basophils	0	%	0-1
Absolute Neutrophil Count	2,703	µl	2000-7000
Absolute Lymphocyte Count	1,836	uL	1000-3000
Absolute Monocyte Count	306	uL	200-1000
Absolute Eosinophil Count	255	µl	20-500

The highlighted values should be correlated clinically

Result Entered By:Raghunandan 6865M

DR BHUMIKA BISHT
M. D. PATHOLOGY

IVY HOSPITAL
F-317, Industrial Area, Phase 8B,
Mohali, Punjab
Ph: 9115110241, 9115115658
Email: lab@ivyhospital.com

NAME	: MR ANTESH KUMAR		
DOB/Gender	: 04-Jan-1988/M	Requisition Date	: 05/Sep/2024 11:17AM
UHID	: 471194	SampleCollDate	: 05/Sep/2024 11:53AM
Inv. No.	: 4559301	Sample Rec.Date	: 05/Sep/2024 12:46PM
Panel Name	: Ivy Mohali	Approved Date	: 05/Sep/2024 01:27PM
Bar Code No	: 13256156	Referred Doctor	: Self

Test Description	Observed Value	Unit	Reference Range

HAEMATOLOGY

Glycosylated HB (HbA1c)

Whole Blood HbA1c (HPLC)	4.9	%	Non diabetic:4.0-5.7 Pre-diabetes:5.7-6.4 Diabetes:>=6.5
Estimated Average Glucose (eAG) (Calculated)	94	mg/dL	

ADA criteria for correlation between HbA1c & Mean plasma glucose levels:
(Last three month's average).

HbA1c (%)	Mean Plasma Glucose (mg / dl)
6	126
7	154
8	183
9	212
10	240
11	269
12	298

*** End Of Report ***

Dr Shweta Kundi
M.D PATHOLOGY

Result Entered By:Raghunandan 6865M