

Patient Name	ABHIMANU KUMAR	Date	05-10-2024
Age/Sex	34/M	Ref. Dr.	CORPORATE

CHEST X-ray(PA)

FINDINGS:

Normal bronchovascular markings in bilateral lung fields

Bilateral hila are normal.

Trachea appears normal.

Visualized bones are grossly normal.

Cardiac shadow is within normal limits

Bilateral costophrenic angles are clear.

Impression :

- *No significant abnormality detected.*



Dr. Sandip Maheshwari

MD Radio diagnosis



ID: 064

ABHIMANU KUMAR
Male 34Years

05-10-2024 10:19:21 AM

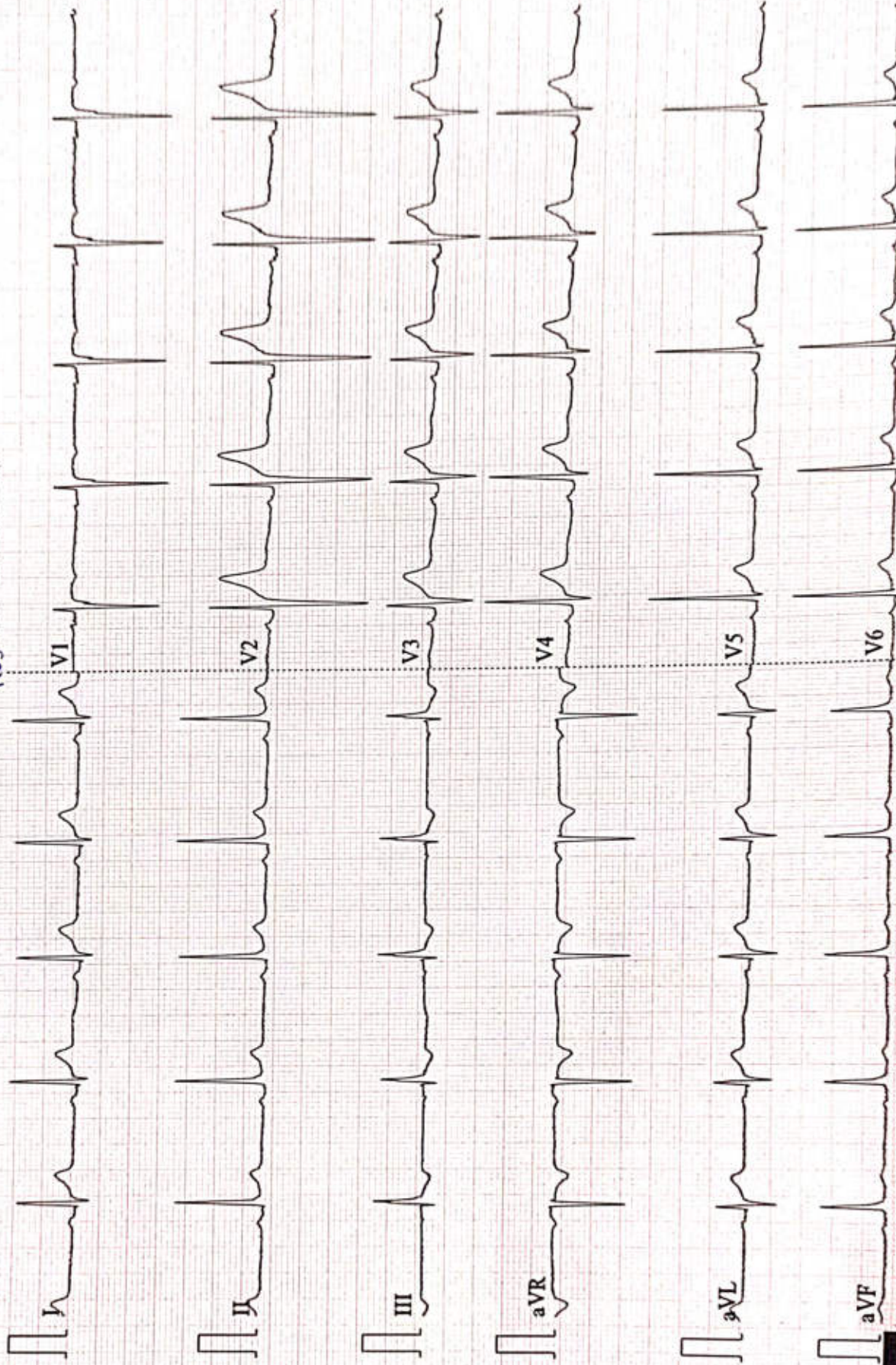
HR : 64 bpm
P : 96 ms
PR : 160 ms
QRS : 91 ms
QT/QTc : 345/358 ms
PQRS/ST : 12/53/6 °
RV5/SV1 : 1.740/1.549 mV

Diagnosis Information:
Sinus Rhythm
Normal ECG

DR. RAMAN

10/10/2024 10:19:21 AM

Report Confirmed by:



19
B...



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Government of India

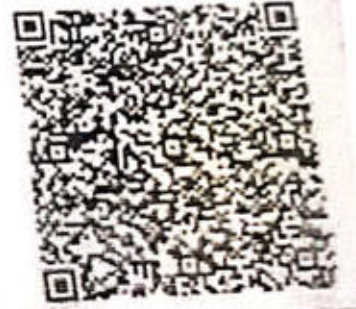


ಅಭಿಮಾನು ಕುಮಾರ್

Abhimanu Kumar

ಹುಟ್ಟಿದ ವರ್ಷ / Year of Birth : 1990

ವುರುಷ / Male



9495 0605 3580

ಆಧಾರ್ - ಶ್ರೀಸಾಮಾನ್ಯನ ಅಧಿಕಾರ



B... + PP
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Report



(GEM212170906)(R)Kardic by Allengers

3228 / MR. ABHIMANU KUMAR / 34 Yrs / M / 161 Cms / 72 Kg Date: 05-Oct-2024 Technician : ARUN

Stage	Time	Duration	Belt Speed (mph)	Elevation	METs	Rate	% THR Achieved	BP	RPP	PVC	Comments
Supine	00:06	0:01	00.0	00.0	01.0	84	45 %	110/80	092	00	
Standing	00:11	0:01	00.0	00.0	01.0	82	44 %	110/80	090	00	
HV	00:15	0:01	00.0	00.0	01.0	090	48 %	110/80	099	00	
Warm Up	00:33	0:01	01.0	00.0	01.0	084	45 %	110/80	092	00	
ExStart	00:50	0:06	01.7	10.0	01.1	094	51 %	110/80	103	00	
BRUCE/ Stage 1	03:50	3:00	01.7	10.0	04.7	120	65 %	115/85	138	00	
BRUCE/ Stage 2	06:50	3:00	02.5	12.0	07.1	147	79 %	120/90	176	00	
PeakEx	09:34	2:44	03.4	14.0	09.9	163	88 %	125/95	203	00	
Recovery	10:33	1:00	01.1	00.0	01.2	144	77 %	120/90	172	00	
Recovery	11:33	2:00	01.1	00.0	01.0	126	68 %	115/85	144	00	
Recovery	12:51	3:17	01.1	00.0	01.0	124	67 %	110/80	136	00	

Findings :

Exercise Time : 08:45
Max HR Attained : 163 bpm 88% of Target 186
Max BP Attained : (Sys) 125/95
Max WorkLoad Attained : 9.9 Good response to induced stress
Max ST Dep Lead & Value : III & -2.3 mm in Recovery mm
Test End Reasons : Test Complete

Report :

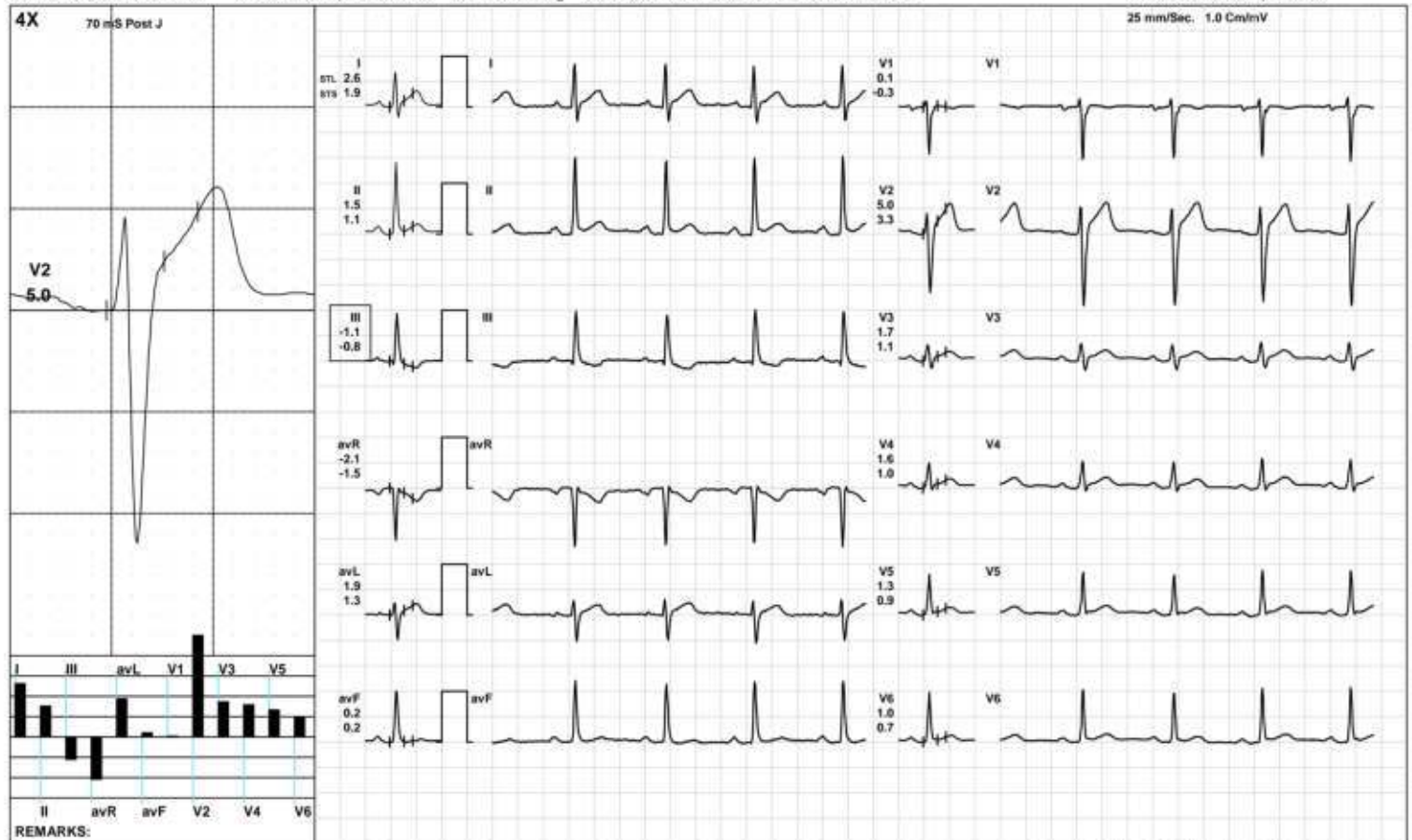
Supine



3228 / MR. ABHIMANU KUMAR / 34 Yrs / M / 161 Cms / 72 Kg / HR : 84

Date: 05-Oct-2024 12:26:34 PM METS: 1.0/ 84 bpm 45% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:06 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

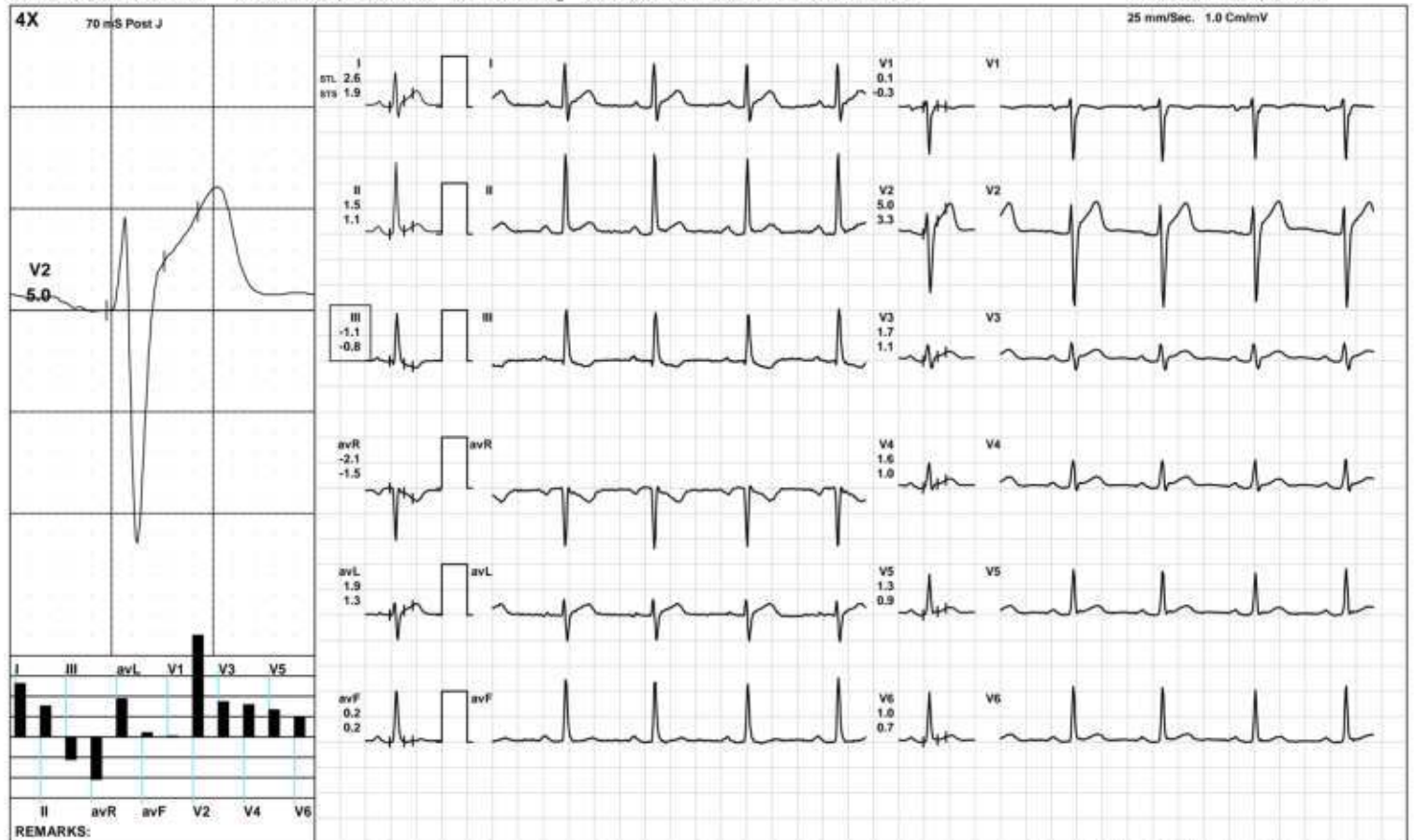
Standing



3228 / MR. ABHIMANU KUMAR / 34 Yrs / M / 161 Cms / 72 Kg / HR : 82

Date: 05-Oct-2024 12:26:34 PM METS: 1.0/ 82 bpm 44% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/ LF 100 Hz

ExTime: 00:11 0.0 mph, 0.0%

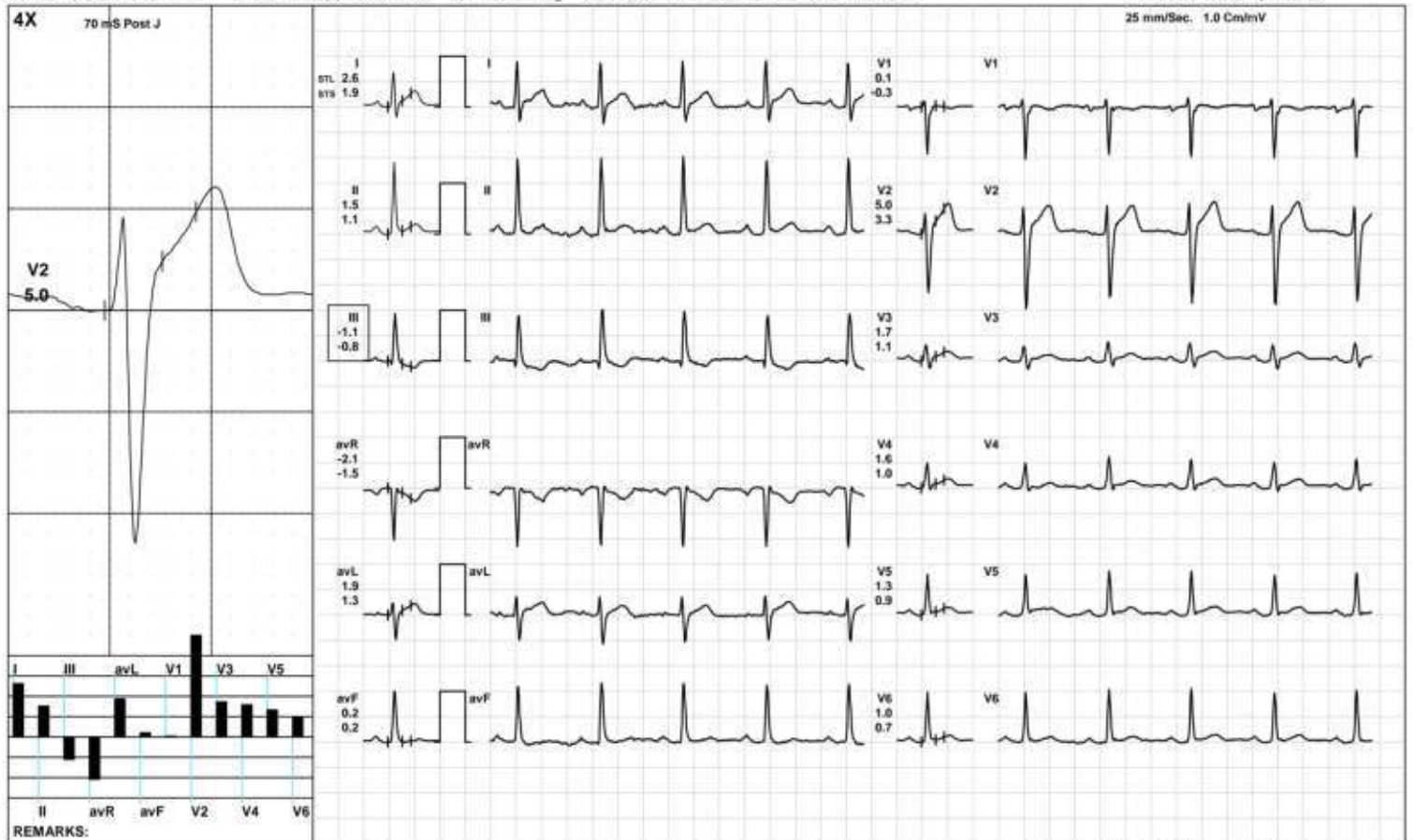


(GEM212170906)(R)Kardic by Allengers

3228 / MR. ABHIMANU KUMAR / 34 Yrs / M / 161 Cms / 72 Kg / HR : 90

Date: 05-Oct-2024 12:26:34 PM METS: 1.0/ 90 bpm 48% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:15 0.0 mph, 0.0%



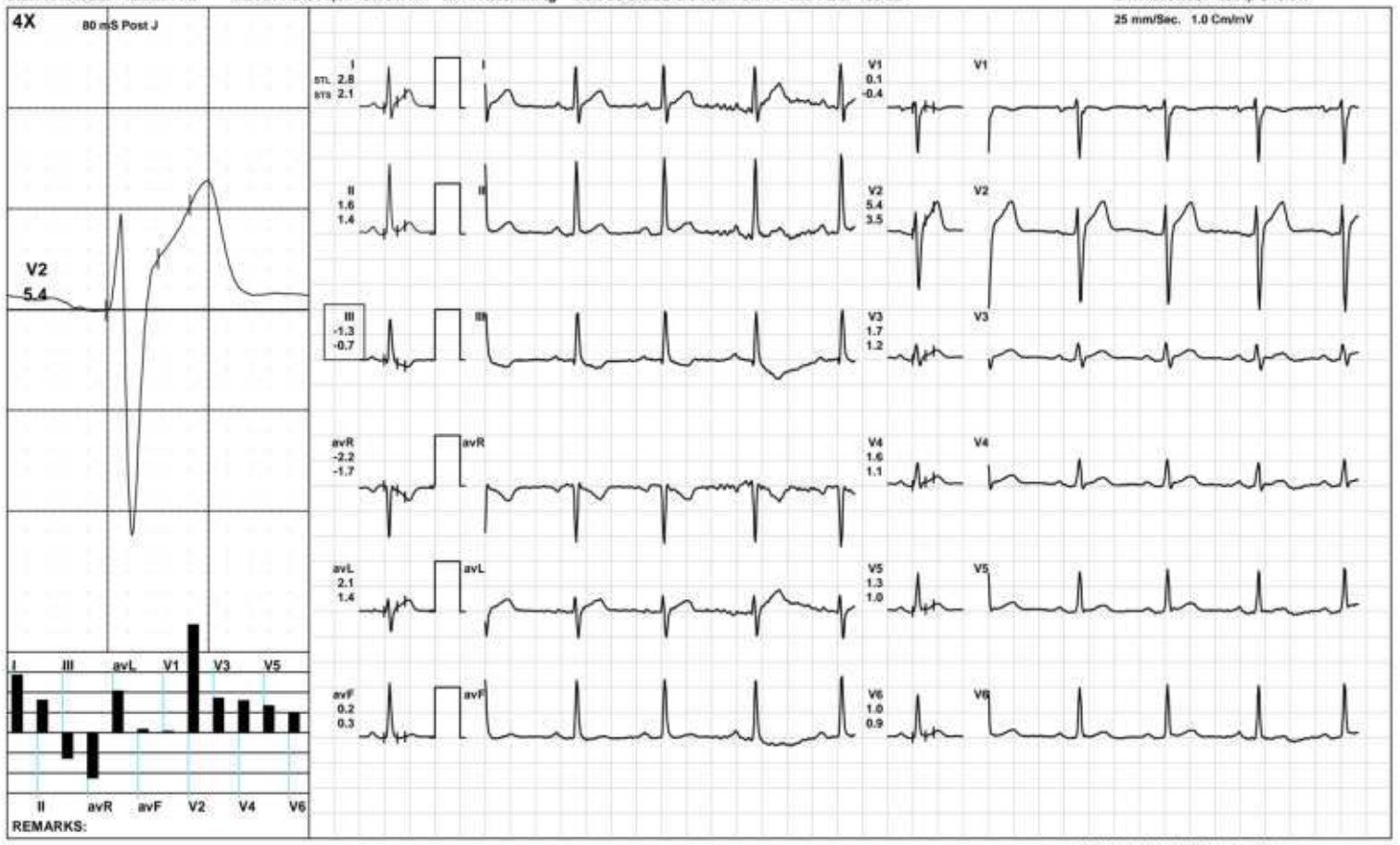
Warm Up



3228 / MR. ABHIMANU KUMAR / 34 Yrs / M / 161 Cms / 72 Kg / HR : 84

Date: 05-Oct-2024 12:26:34 PM METS: 1.0/ 84 bpm 45% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:33 1.0 mph, 0.0%



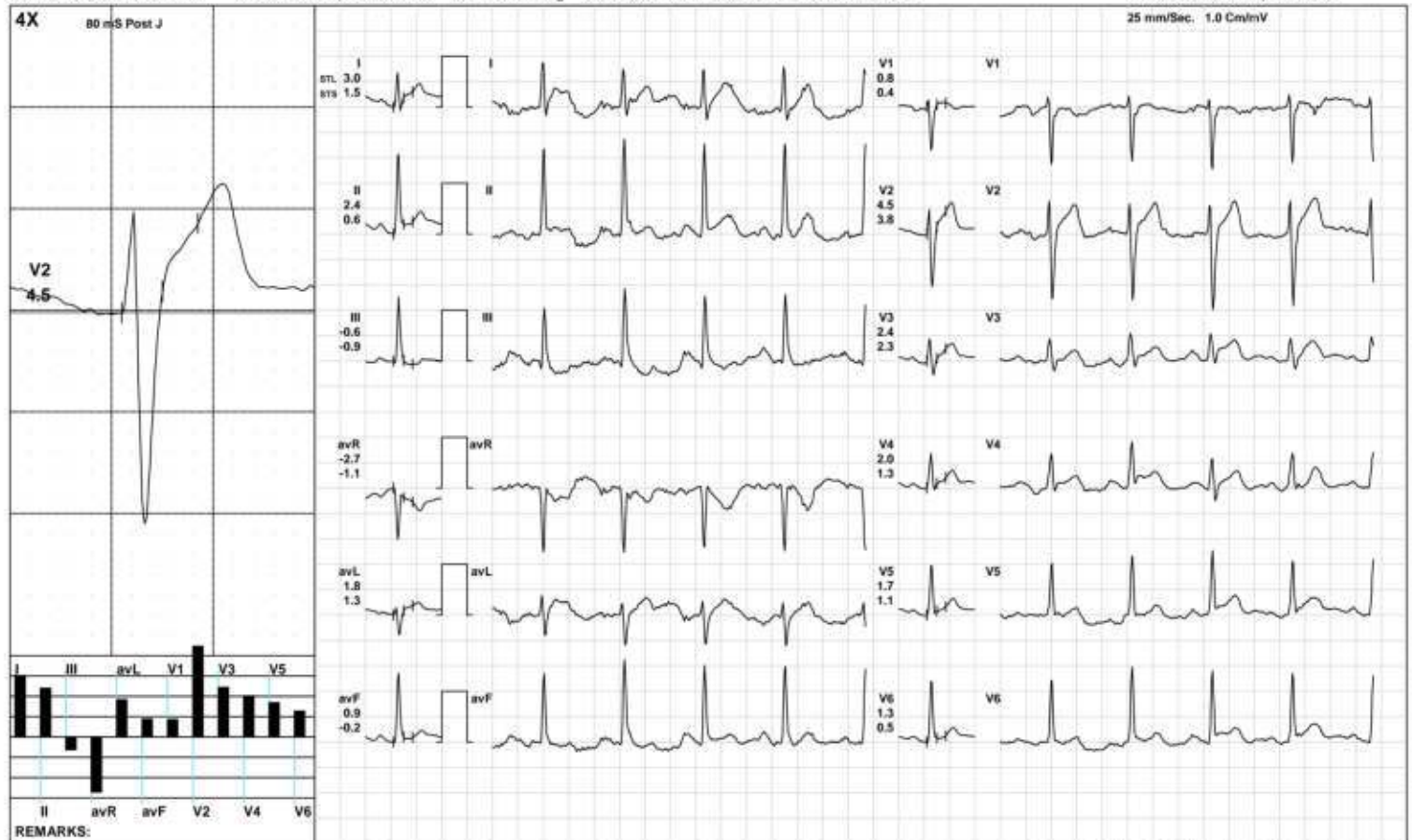
ExStart



3228 / MR. ABHIMANU KUMAR / 34 Yrs / M / 161 Cms / 72 Kg / HR : 94

Date: 05-Oct-2024 12:26:34 PM METS: 1.1/ 94 bpm 50% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:06 1.7 mph, 10.0%



(GEM212170906)(R)Kardic by Allengers

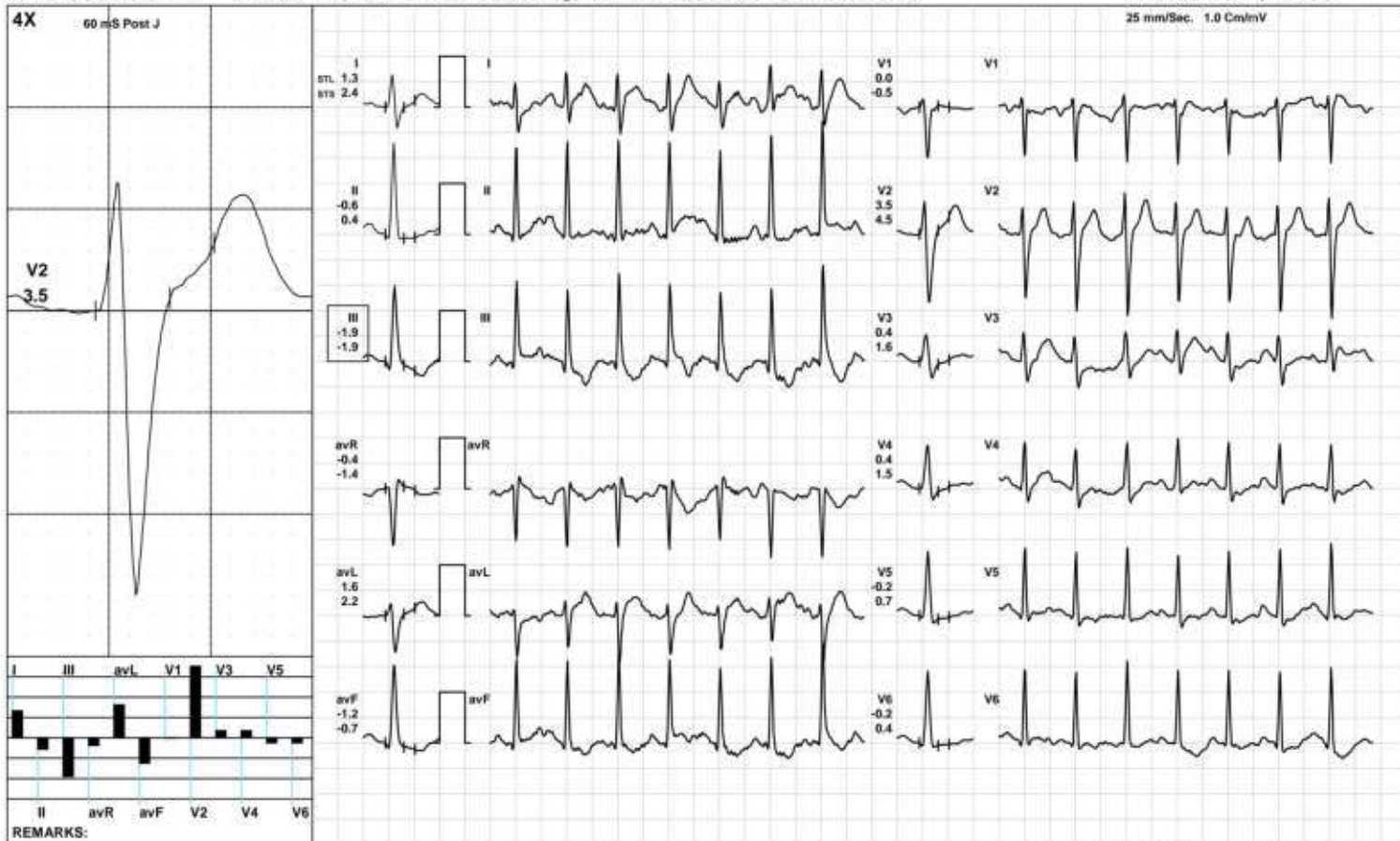
BRUCE: Stage 2(3:00)



3228 / MR. ABHIMANU KUMAR / 34 Yrs / M / 161 Cms / 72 Kg / HR : 147

Date: 05-Oct-2024 12:26:34 PM METS: 7.1/ 147 bpm 79% of THR BP: 120/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 06:00 2.5 mph, 12.0%



(GEM212170906)(R)Kardic by Allengers

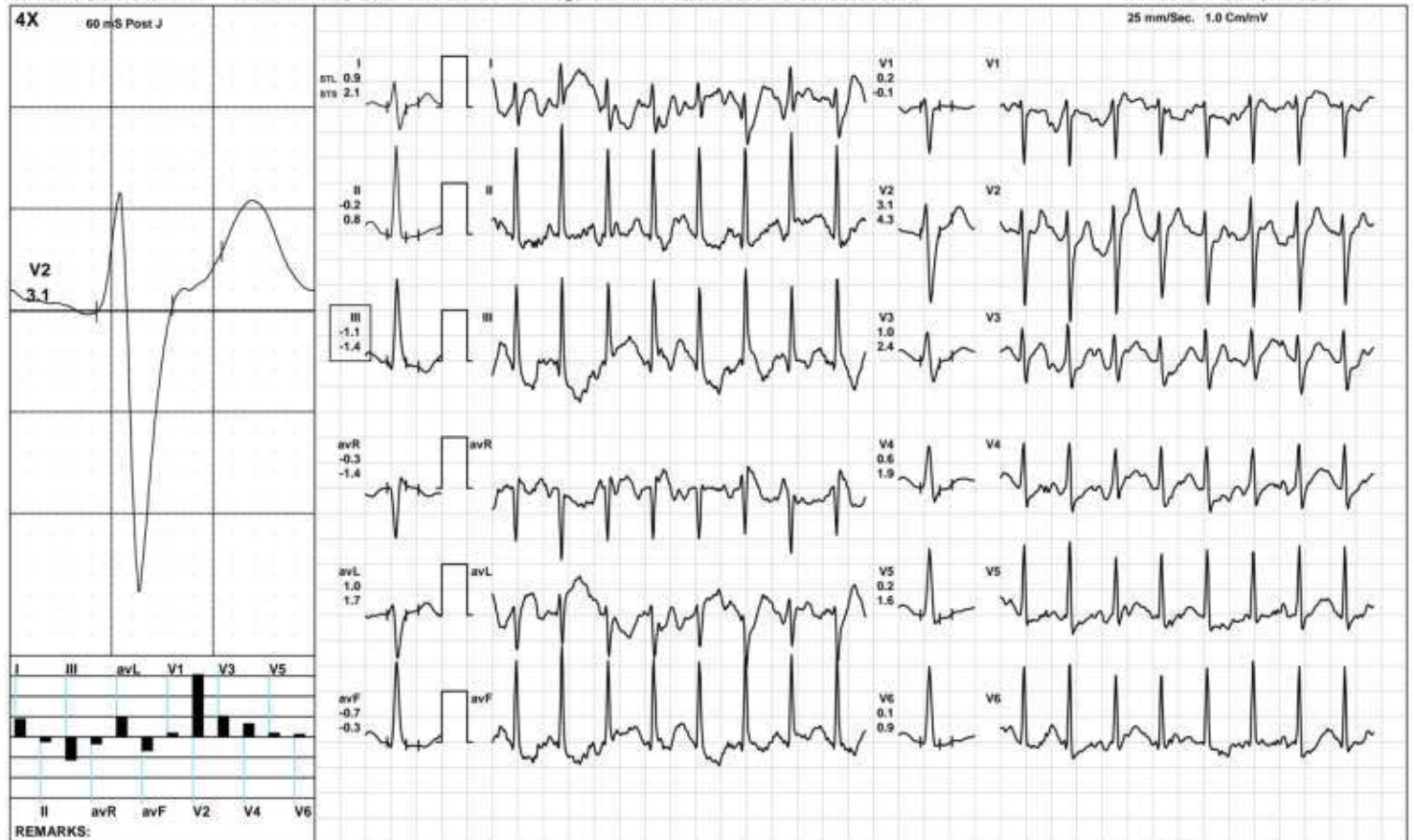
PeakEx



3228 / MR. ABHIMANU KUMAR / 34 Yrs / M / 161 Cms / 72 Kg / HR : 163

Date: 05-Oct-2024 12:26:34 PM METS: 9.9/ 163 bpm 87% of THR BP: 125/95 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:44 3.4 mph, 14.0%



(GEM212170906)(R)Kardic by Allengers

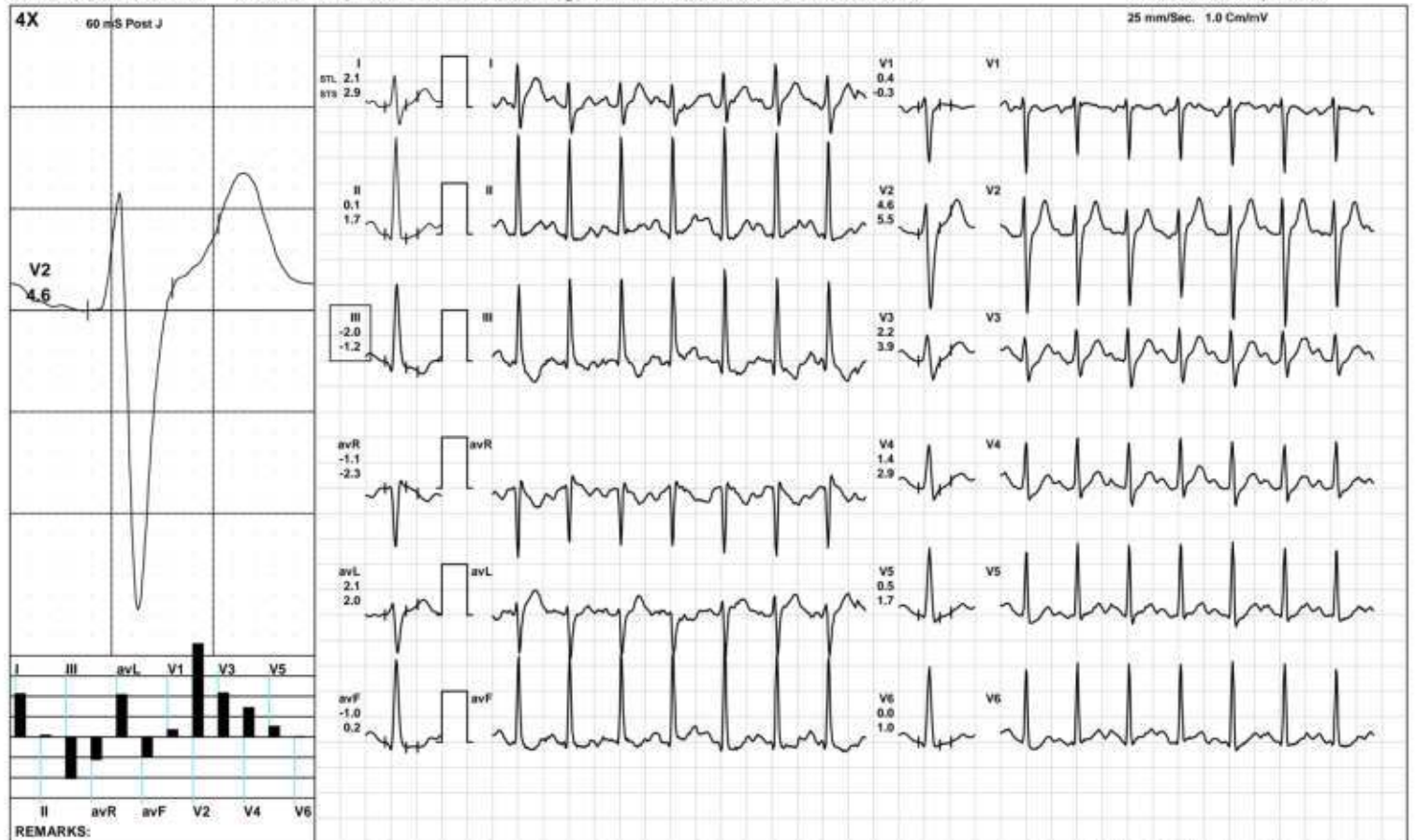
Recovery(1:00)



3228 / MR. ABHIMANU KUMAR / 34 Yrs / M / 161 Cms / 72 Kg / HR : 144

Date: 05-Oct-2024 12:26:34 PM METS: 1.2/ 144 bpm 77% of THR BP: 120/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:45 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

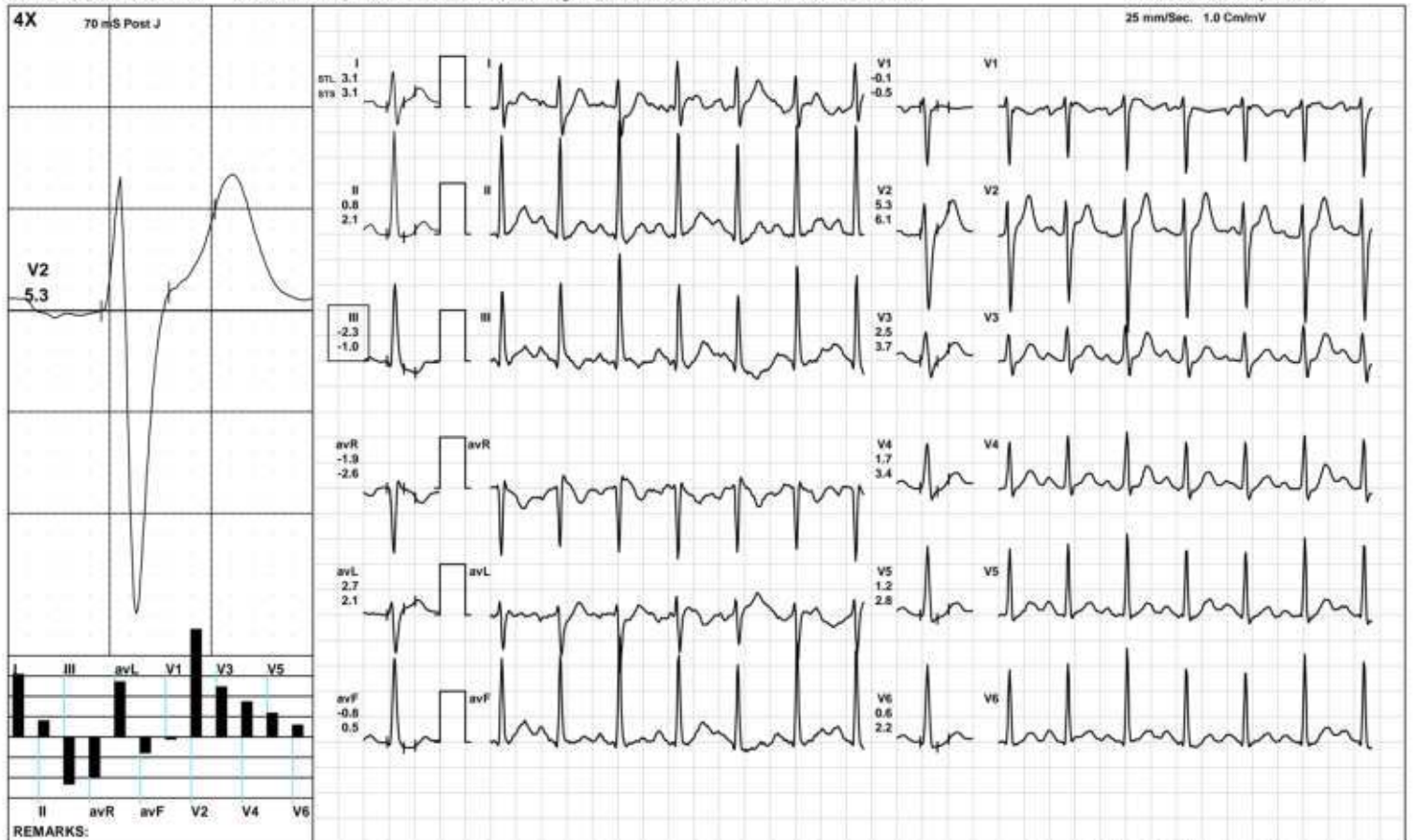
Recovery(2:00)



3228 / MR. ABHIMANU KUMAR / 34 Yrs / M / 161 Cms / 72 Kg / HR : 126

Date: 05-Oct-2024 12:26:34 PM METS: 1.0/ 126 bpm 67% of THR BP: 115/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:45 1.1 mph 0.0%



(GEM212170906)(R)Kardic by Allengers

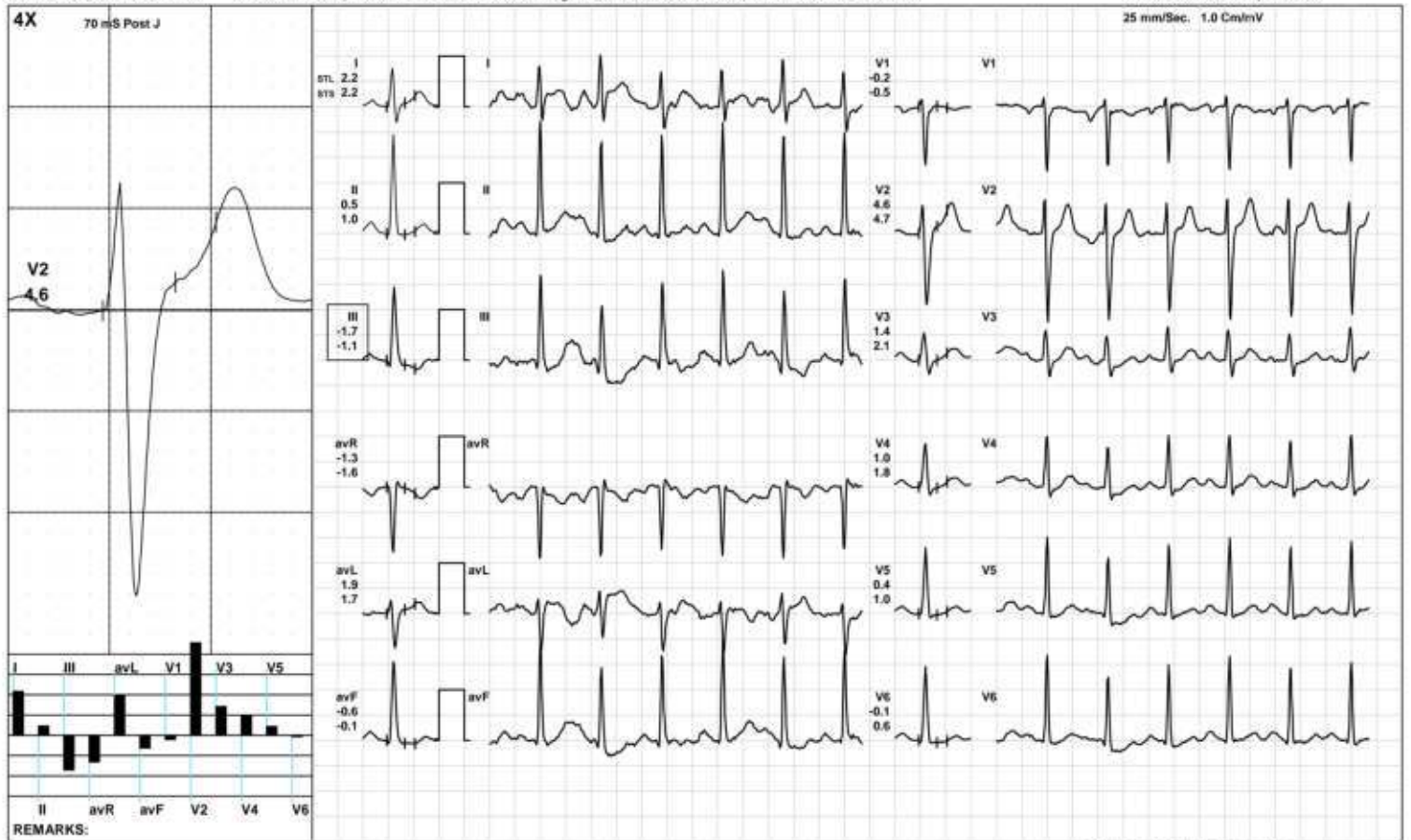
Recovery(3:17)



3228 / MR. ABHIMANU KUMAR / 34 Yrs / M / 161 Cms / 72 Kg / HR : 124

Date: 05-Oct-2024 12:26:34 PM METS: 1.0/ 124 bpm 66% of THR BP: 110/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:45 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

ST Measurements



3228 / MR. ABHIMANU KUMAR / 34 Yrs / M / 161 Cms / 72 Kg / HR : 80

Date: 05-Oct-2024 12:26:34 PM

Protocol : BRUCE/

	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6	STS(mv/sec)
STL(mm)Supine	2.6	1.5	-1.1	-2.1	1.9	0.2	0.1	5.0	1.7	1.6	1.3	1.0	1.9	1.1	-0.8	-1.5	1.3	0.2	-0.3	3.3	1.1	1.0	0.9	0.7	
70 @mS Standing	2.6	1.5	-1.1	-2.1	1.9	0.2	0.1	5.0	1.7	1.6	1.3	1.0	1.9	1.1	-0.8	-1.5	1.3	0.2	-0.3	3.3	1.1	1.0	0.9	0.7	
HV	2.6	1.5	-1.1	-2.1	1.9	0.2	0.1	5.0	1.7	1.6	1.3	1.0	1.9	1.1	-0.8	-1.5	1.3	0.2	-0.3	3.3	1.1	1.0	0.9	0.7	
Warm Up	2.8	1.6	-1.3	-2.2	2.1	0.2	0.1	5.4	1.7	1.6	1.3	1.0	2.1	1.4	-0.7	-1.7	1.4	0.3	-0.4	3.5	1.2	1.1	1.0	0.9	
ExStart	2.7	1.4	-1.3	-2.1	2.0	0.0	0.0	5.0	1.6	1.4	1.2	0.9	2.2	1.1	-1.0	-1.7	1.6	0.1	-0.3	3.5	1.1	1.0	0.9	0.7	
Stage 1	2.4	1.0	-1.4	-1.7	1.9	-0.2	-0.1	4.8	1.9	1.7	0.8	0.7	2.6	1.1	-1.5	-1.8	2.0	-0.2	-0.4	4.2	1.8	1.6	1.0	0.7	
Stage 2	1.4	-0.4	-1.7	-0.5	1.5	-1.0	0.1	3.7	0.8	0.4	-0.1	-0.2	3.1	1.0	-2.1	-2.0	2.6	-0.6	-0.3	5.1	2.0	1.8	1.0	0.5	
PeakEx	0.9	-0.2	-1.1	-0.3	1.0	-0.7	0.2	3.1	1.0	0.6	0.2	0.1	2.1	0.8	-1.4	-1.4	1.7	-0.3	-0.1	4.3	2.4	1.9	1.6	0.9	
Recovery	2.1	0.1	-2.0	-1.1	2.1	-1.0	0.4	4.6	2.2	1.4	0.5	0.0	2.9	1.7	-1.2	-2.3	2.0	0.2	-0.3	5.5	3.9	2.9	1.7	1.0	
Recovery	3.1	0.8	-2.3	-1.9	2.7	-0.8	-0.1	5.3	2.5	1.7	1.2	0.6	3.1	2.1	-1.0	-2.6	2.1	0.5	-0.5	6.1	3.7	3.4	2.8	2.2	
Recovery	2.1	0.2	-1.9	-1.2	2.0	-0.8	0.0	4.6	1.7	1.2	0.5	0.0	2.3	0.9	-1.3	-1.6	1.8	-0.2	-0.5	4.2	2.2	1.8	1.1	0.6	

STI(μVs)	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
Supine	17.4	9.9	-7.4	-13.6	12.4	1.3	0.4	33.6	11.2	10.3	8.4	6.6
Standing	17.4	9.9	-7.4	-13.6	12.4	1.3	0.4	33.6	11.2	10.3	8.4	6.6
HV	17.4	9.9	-7.4	-13.6	12.4	1.3	0.4	33.6	11.2	10.3	8.4	6.6
Warm Up	19.1	11.3	-7.8	-15.3	13.4	1.8	0.5	35.9	11.4	10.8	8.9	7.2
ExStart	19.8	10.4	-9.4	-15.2	14.6	0.4	-0.5	36.3	11.1	10.5	8.4	6.6
Stage 1	11.8	4.9	-6.8	-8.4	9.4	-1.0	0.2	25.9	10.4	8.4	4.0	3.5
Stage 2	1.7	-4.6	-6.3	1.4	4.0	-5.4	1.0	12.7	1.7	-1.1	-2.7	-2.7
PeakEx	2.1	-3.2	-5.4	0.6	3.8	-4.4	1.2	9.1	1.4	-0.5	-2.6	-2.4
Recovery	6.4	-2.5	-9.0	-1.9	7.7	-5.7	3.0	16.0	5.5	3.1	-0.2	-1.6
Recovery	14.3	0.7	-13.8	-7.5	14.1	-6.6	0.6	22.5	8.9	4.6	2.2	-0.6
Recovery	10.8	-0.1	-10.9	-5.3	10.9	-5.5	1.3	24.0	8.4	5.0	2.1	-1.1

Median Measurement Summary



3228 / MR. ABHIMANU KUMAR / 34 Yrs / Male / 161 Cm / 72 Kg

Time (Min.)	HR (bpm)	PR Int (mS)	QRS Wid (mS)	QRS Axis (Deg.)	QTC (mS)	P(μV) (Max)	R(μV) (Max)	S(μV) (Min)	T(μV) (Max)	Min. J (μV)	Leads for (J & P.J)	Min. Post JRR Var (μV)	(%)	VEB (Counts)	Missed Beats (Counts)
00:30	86	252	54	73	377	209	1856	-1387	629	-451	III	-103	0.00	0	0
01:00	101	168	52	70	463	238	1686	-1361	669	502	III	-128	0.00	0	0
01:30	110	168	52	73	459	207	1767	-1361	595	456	III	-148	0.00	0	0
02:00	115	164	54	79	457	210	1720	-1356	570	527	III	-141	0.00	0	0
02:30	121	162	54	75	460	217	1725	-1355	577	430	III	-57	0.00	0	0
03:00	117	156	54	80	447	199	1712	-1353	566	461	III	-124	0.00	0	0
03:30	124	148	52	80	447	201	1798	-1410	572	482	III	-77	0.00	0	0
04:00	128	158	54	76	436	240	1785	-1372	575	431	III	-96	0.00	0	0
04:30	136	140	52	81	440	191	1811	-1406	574	457	III	-55	0.00	0	0
05:00	141	126	54	84	454	192	1797	-1375	580	349	III	-134	0.00	0	0
05:30	141	120	52	85	442	213	1780	-1424	578	492	III	-105	0.00	0	0
06:00	151	120	52	83	455	198	1769	-1425	577	454	III	-124	0.00	0	0
06:30	146	118	52	83	430	201	1784	-1444	562	417	III	-122	0.00	0	0
07:00	149	124	52	82	426	222	1809	-1472	547	411	III	-187	0.00	0	0
07:30	154	116	52	83	435	210	1732	-1477	494	-14	II	-105	0.00	0	0
08:00	157	102	52	85	444	198	1738	-1450	516	376	III	-174	0.00	0	0
08:30	160	112	52	87	309	217	1749	-1453	507	366	III	-176	0.00	0	0
09:00	162	100	74	90	318	230	1675	-1464	503	424	III	-143	0.00	0	0
09:30	161	106	52	87	307	269	1794	-1484	553	36	II	-104	0.00	0	0
10:00	153	108	52	82	307	253	1787	-1617	692	389	III	-146	0.00	0	0
10:30	140	118	52	81	299	255	1964	-1606	678	400	III	-172	0.00	0	0
11:00	128	136	52	81	438	250	1972	-1628	675	493	III	-142	0.00	0	0
11:30	125	140	52	81	448	259	1984	-1656	653	-5	V6	-40	0.00	0	0
12:00	119	150	54	81	452	255	1986	-1634	661	555	III	-113	0.00	0	0
12:30	122	154	52	78	448	234	1965	-1595	634	527	III	-125	0.00	0	0



ISO 9001 : 2015

AAROGYAM DIAGNOSTICS

(A UNIT OF CULPAM HEALTH CARE PVT. LTD.)

F- 41, P.C. Colony, Opp. Madhuban Complex,
Near Malahi Pakari Chowk, Kankarbagh, Patna - 20

9264278360, 9065875700, 8789391403

info@aarogyamdiagnostics.com

www.aarogyamdiagnostics.com

Date	05/10/2024	Srl No.	16	Patient Id	2410050016
Name	Mr. ABHIMANU KUMAR	Age	34 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
BOB			
HB A1C	5.2	%	

EXPECTED VALUES :-

Metabolically healthy patients	=	4.8 - 5.5 % HbA1C
Good Control	=	5.5 - 6.8 % HbA1C
Fair Control	=	6.8-8.2 % HbA1C
Poor Control	=	>8.2 % HbA1C

REMARKS:-

In vitro quantitative determination of **HbA1C** in whole blood is utilized in long term monitoring of glycemia

The **HbA1C** level correlates with the mean glucose concentration prevailing in the course of the patient's recent history (approx - 6-8 weeks) and therefore provides much more reliable information for glycemia monitoring than do determinations of blood glucose or urinary glucose.

It is recommended that the determination of **HbA1C** be performed at intervals of 4-6 weeks during Diabetes Mellitus therapy.

Results of **HbA1C** should be assessed in conjunction with the patient's medical history, clinical examinations and other findings.

**** End Of Report ****

Dr.R.B.RAMAN
MBBS, MD
CONSULTANT PATHOLOGIST



ISO 9001 : 2015

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9264278360, 9065875700, 8789391403

info@aarogyamdiagnostics.com

www.aarogyamdiagnostics.com

Date	05/10/2024	Sri No. 16	Patient Id 2410050016
Name	Mr. ABHIMANU KUMAR	Age 34 Yrs.	Sex M
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	12.6	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTE COUNT (TLC)	5,900	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	60	%	40 - 75
LYMPHOCYTE	33	%	20 - 45
EOSINOPHIL	02	%	01 - 06
MONOCYTE	05	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN' s METHOD)	13	mm/1st hr.	0 - 15
R B C COUNT	4.28	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	37.8	%	40 - 54
M C V	88.32	fl.	80 - 100
M C H	29.44	Picogram	27.0 - 31.0
M C H C	33.3	gm/dl	33 - 37
PLATELET COUNT	2.12	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"O"		
RH TYPING	POSITIVE		
BLOOD SUGAR FASTING	90.3	mg/dl	70 - 110
SERUM CREATININE	1.09	mg%	0.7 - 1.4
BLOOD UREA	24.2	mg /dl	15.0 - 45.0
SERUM URIC ACID	5.14	mg%	3.4 - 7.0

LIVER FUNCTION TEST (LFT)



ISO 9001 : 2015

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Date	05/10/2024	Sri No.	16	Patient Id	2410050016
Name	Mr. ABHIMANU KUMAR	Age	34 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.96	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.31	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.65	mg/dl	0.00 - 0.70
TOTAL PROTEIN	7.38	gm/dl	6.6 - 8.3
ALBUMIN	4.26	gm/dl	3.4 - 5.2
GLOBULIN	3.12	gm/dl	2.3 - 3.5
A/G RATIO	1.365		
SGOT	52.1	IU/L	5 - 40
SGPT	39.2	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	83.3	U/L	40.0 - 130.0
GAMMA GT	21.2	IU/L	8.0 - 71.0

LFT INTERPRET

LIPID PROFILE

TRIGLYCERIDES	230.4	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	186.5	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	67.2	mg/dL	35.1 - 88.0
V L D L	46.08	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	73.22	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	2.775		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	1.09		0.00 - 3.55
THYROID PROFILE			
QUANTITY	15	ml.	



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AAROGYAM DIAGNOSTICS

(A UNIT OF CULPAM HEALTH CARE PVT. LTD.)

F- 41, P.C. Colony, Opp. Madhuban Complex,
Near Malahi Pakari Chowk, Kankarbagh, Patna – 20

9264278360, 9065875700, 8789391403

info@aarogyamdiagnostics.com

www.aarogyamdiagnostics.com

Date	05/10/2024	Sri No.	16	Patient Id	2410050016
Name	Mr. ABHIMANU KUMAR	Age	34 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
COLOUR	PALE YELLOW		
TRANSPARENCY	CLEAR		
SPECIFIC GRAVITY	1.010		
PH	6.0		
ALBUMIN	NIL		
SUGAR	NIL		
MICROSCOPIC EXAMINATION			
PUS CELLS	1-2	/HPF	
RBC'S	NIL	/HPF	
CASTS	NIL		
CRYSTALS	NIL		
EPITHELIAL CELLS	1-3	/HPF	
BACTERIA	NIL		
OTHERS	NIL		

Assay performed on enhanced chemi lumenescence system (Centaur-Siemens)

Serum T3,T4 & TSH measurements form the three components of Thyroid screening panel, useful in diagnosing various disorders of Thyroid gland function.

1. Primary hypothyroidism is accompanied by depressed serum T3 and T4 values and elevated serum TSH level.
2. Primary hyperthyroidism is accompanied by elevated serum T3 and T4 levels along with depressed TSH values.
3. Normal T4 levels are accompanied by increased T3 in patients with T3 thyrotoxicosis.



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Date	05/10/2024	Srl No.	16	Patient Id	2410050016
Name	Mr. ABHIMANU KUMAR	Age	34 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
4. Slightly elevated T3 levels may be found in pregnancy and estrogen therapy, while depressed levels may be encountered in severe illness, renal failure and during therapy with drugs like propranolol and propyl thiouracil.			
5. Although elevated TSH levels are nearly always indicative of primary hypothyroidism, and may be seen in secondary thyrotoxicosis.			

**** End Of Report ****

Dr.R.B.RAMAN
MBBS, MD
CONSULTANT PATHOLOGIST



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Date	05/10/2024	Srl No.	16	Patient Id	2410050016
Name	Mr. ABHIMANU KUMAR	Age	34 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
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BIOCHEMISTRY

BLOOD SUGAR PP	128.1	mg/dl	80 - 160
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**** End Of Report ****

Dr.R.B.RAMAN
MBBS, MD
CONSULTANT PATHOLOGIST



Lab Facility : Unipath House, Besides Sahjanand College, Opp. Kamdhenu Complex, Panjarapole, Ambawadi, Ahmedabad-380015 Gujarat
 Phone: +91-79-49006800 | WhatsApp: 6356005900 | Email: info@unipath.in | Website: www.unipath.in
 Regd. Of- ce : 5th Floor, Doctor House, Nr. Parimal Garden, Ahmedabad-380006 Gujarat
 CIN: U85195GJ2009PLC057059



41004100143

TEST REPORT

Reg.No : 41004100143	Reg.Date : 06-Oct-2024 15:26	Collection : 06-Oct-2024 15:26
Name : ABHIMANU KUMAR		Received : 06-Oct-2024 15:26
Age : 34 Years	Sex : Male	Report : 06-Oct-2024 16:15
Referred By : AAROGYAM DIAGNOSTICS @ PATNA		Dispatch : 06-Oct-2024 16:35
Referral Dr : <input type="checkbox"/>	Status : Final	Location : 41 - PATNA

Test Name	Results	Units	Bio. Ref. Interval
THYROID FUNCTION TEST			
T3 (triiodothyronine), Total <small>CMIA</small>	1.13	ng/mL	0.70 - 2.04
T4 (Thyroxine), Total <small>CMIA</small>	7.53	µg/dL	4.6 - 10.5
TSH (Thyroid stimulating hormone) <small>CMIA</small>	2.709	µIU/mL	0.35 - 4.94

Sample Type: Serum

Comments:

Thyroid stimulating hormone (TSH) is synthesized and secreted by the anterior pituitary in response to a negative feedback mechanism involving concentrations of FT3 (free T3) and FT4 (free T4). Additionally, the hypothalamic tripeptide, thyrotropin-releasing hormone (TRH), directly stimulates TSH production. TSH stimulates thyroid cell production and hypertrophy, also stimulate the thyroid gland to synthesize and secrete T3 and T4. Quantification of TSH is significant to differentiate primary (thyroid) from secondary (pituitary) and tertiary (hypothalamus) hypothyroidism. In primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hypothyroidism, TSH levels are low.

TSH levels During Pregnancy :

- First Trimester : 0.1 to 2.5 µIU/mL
- Second Trimester : 0.2 to 3.0 µIU/mL
- Third trimester : 0.3 to 3.0 µIU/mL

Reference : Carl A.Burtis,Edward R.Ashwood,David E.Bruns. Tietz Textbook of Clinical Chemistry and Molecular Diagnostics. 5th Edition. Philadelphia: WB Saunders,2012:2170

----- End Of Report -----

Dr. Rina Prajapati
 D.C.P. DNB (Path)
 G-21793

Dr. Razvin Somani

M.D. Pathology
 Reg. No.: G-51211



Name :- Abhimanyu Kumar
Refd by :- Corp

Age/Sex:- 34Yrs/M
Date :- 06/10/24

Thanks for referral.

REPORT OF USG OF WHOLE ABDOMEN

- Liver** :- Mild enlarged in size(14.6cm) with slightly raised echotexture. No focal or diffuse lesion is seen. IHBR are not dilated. PV is normal in course and calibre with echofree lumen.
- G. Bladder** :- It is normal in shape, size & position. It is echofree & shows no evidence of calculus, mass or sludge.
- CBD** :- It is normal in calibre & is echofree.
- Pancreas** :- Normal in shape, size & echotexture. No evidence of parenchymal / ductal calcification is seen. No definite peripancreatic collection is seen.
- Spleen** :- Normal in size (10.9cm) with normal echotexture. No focal lesion is seen. No evidence of varices is noticed.
- Kidneys** :- Both kidneys are normal in shape, size & position. Sinus as well as cortical echoes are normal. No evidence of calculus, space occupying lesion or hydronephrosis is seen.
Right Kidney measures 8.5cm and Left Kidney measures 8.5cm.
- Ureters** :- Ureters are normal.
- U. Bladder**:- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Prostate** :- Normal in size(8.4cc) & echotexture.
- Others** :- No ascites or abdominal adenopathy is seen.
No free subphrenic / basal pleural space collection is seen.

IMPRESSION:- *Mild Hepatomegaly with Mild Fatty Liver..
Otherwise Normal Scan.*

Dr. Arun Kumar
MBBS, DMRD (Radio-Diagnosis)
Consultant Radiologist