



भारत सरकार
Government of India



Issue Date: 02/01/2015



कुमार सत्यांशु
Kumar Satyanshu
जन्म तिथि / DOB: 08/10/1984
पुरुष / MALE



3789 6121 3550

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मेरा आधार, मेरी पहचान



KUMAR SATYANSH

Male 39Years

Diagnosis Information:

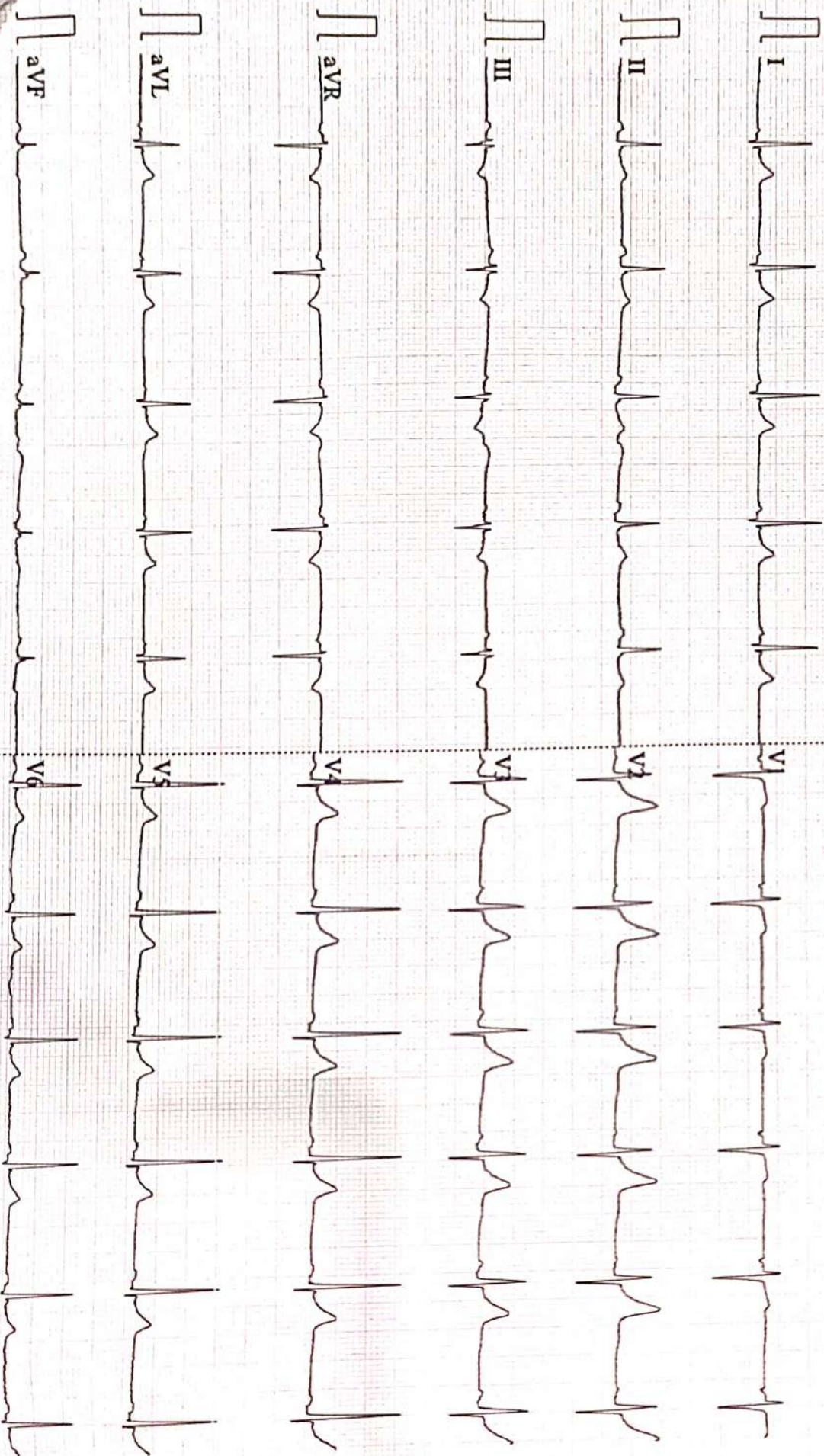
Sinus Rhythm

Normal ECG

HR : 65 bpm
 P : 81 ms
 PR : 125 ms
 QRS : 78 ms
 QT/QTc : 341/356 ms
 P/QRS/T : 59/20/0 °
 RV5/SV1 : 1.438/0.796 mV

Ref-Phys.

Report Confirmed by:



Patient Name	KUMAR SATYANSHU	Date	02-10-2024
Age/Sex	39/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





Name :- Kumar Satyanshu
Refd by :- Self

Age/Sex:-39Yrs/M
Date :-02/10/24

Thanks for referral.

REPORT OF USG OF WHOLE ABDOMEN

- Liver** :- Mild enlarged in size(15.0cm) with 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(10.1cm)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 9.0cm and Left Kidney measures 9.1cm.
- Ureters** :- Ureters are not dilated.
- U. Bladder**:- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Prostate** :- Normal in size(10.7cc) & echotexture.
- Others** :- No ascites or abdominal adenopathy is seen.
No free subphrenic / basal pleural space collection is seen.

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

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

Report



(GEM212170906)(R)Kardic by Allengers

3226 / MR. KUMAR SATYANSHU / 39 Yrs / M / 166 Cms / 76 Kg Date: 02-Oct-2024 Technician : ARUN

Stage	Time	Duration	Belt Speed (mph)	Elevation	METs	Rate	% THR Achieved	BP	RPP	PVC	Comments
Supine	00:03	0:01	00.0	00.0	01.0	80	44 %	130/80	104	00	
Standing	00:08	0:01	00.0	00.0	01.0	84	46 %	130/80	109	00	
HV	00:14	0:01	00.0	00.0	01.0	080	44 %	130/80	104	00	
Warm Up	00:29	0:01	01.0	00.0	01.0	083	46 %	130/80	107	00	
ExStart	00:52	0:06	01.7	10.0	01.1	095	52 %	130/80	123	00	
BRUCE/ Stage 1	03:52	3:00	01.7	10.0	04.7	124	69 %	135/85	167	00	
BRUCE/ Stage 2	06:52	3:00	02.5	12.0	07.1	148	82 %	140/90	207	00	
PeakEx	08:55	2:03	03.4	14.0	09.2	180	99 %	145/95	261	00	
Recovery	09:54	1:00	01.1	00.0	01.2	152	84 %	140/90	212	00	
Recovery	10:54	2:00	01.1	00.0	01.0	138	76 %	135/85	186	00	
Recovery	12:47	3:52	01.1	00.0	01.0	127	70 %	130/80	165	00	

Findings :

Exercise Time : 08:04
Max HR Attained : 180 bpm 99% of Target 181
Max BP Attained : (Sys) 145/95
Max WorkLoad Attained : 9.2 Good response to induced stress
Max ST Dep Lead & Value : V4 & -3.3 mm in Stage 2 mm
Test End Reasons : Test Complete

Report :

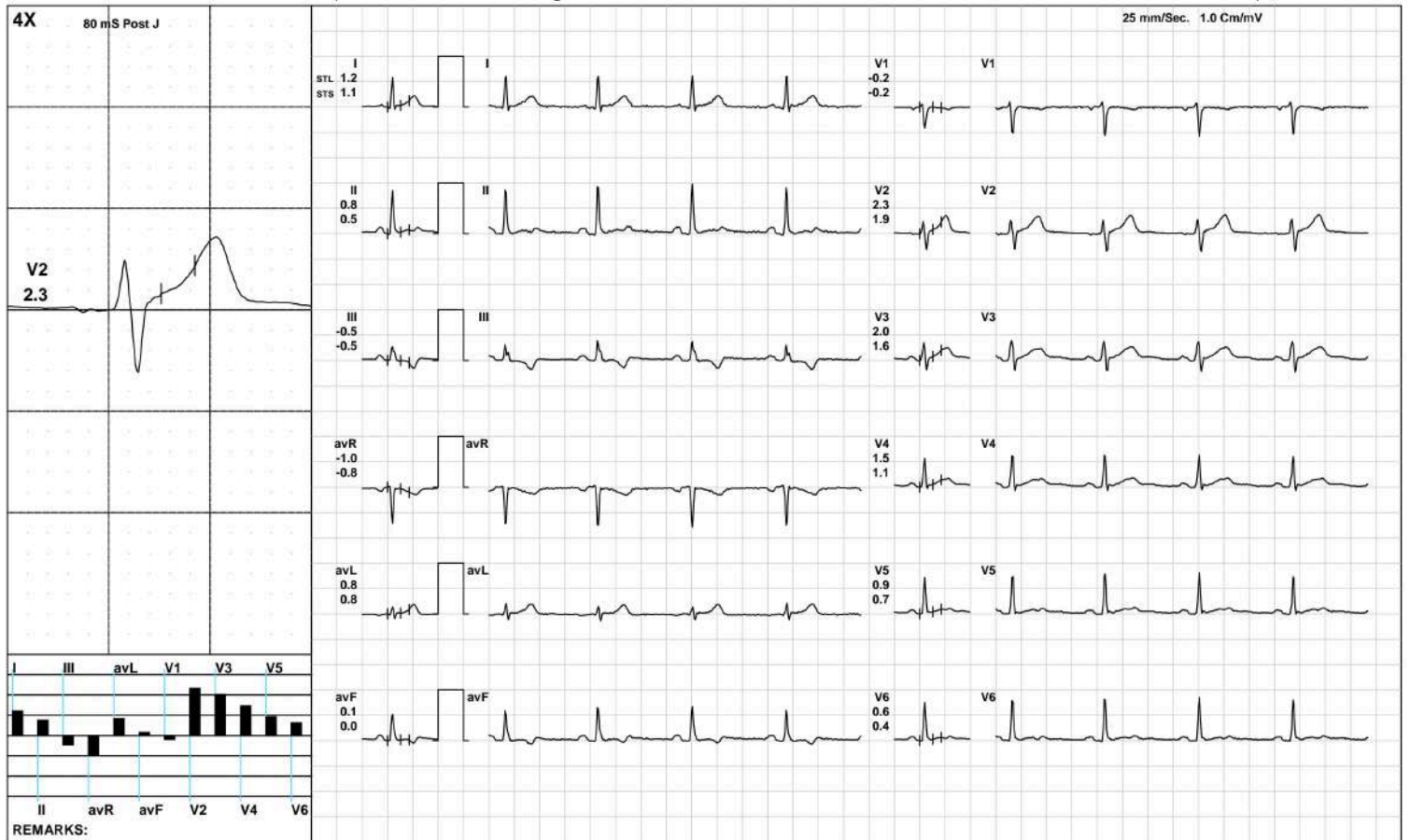
3226 / MR. KUMAR SATYANSHU / 39 Yrs / M / 166 Cms / 76 Kg / HR : 80

Supine



Date: 02-Oct-2024 12:52:06 PM METS: 1.0/ 80 bpm 44% of THR BP: 130/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:03 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

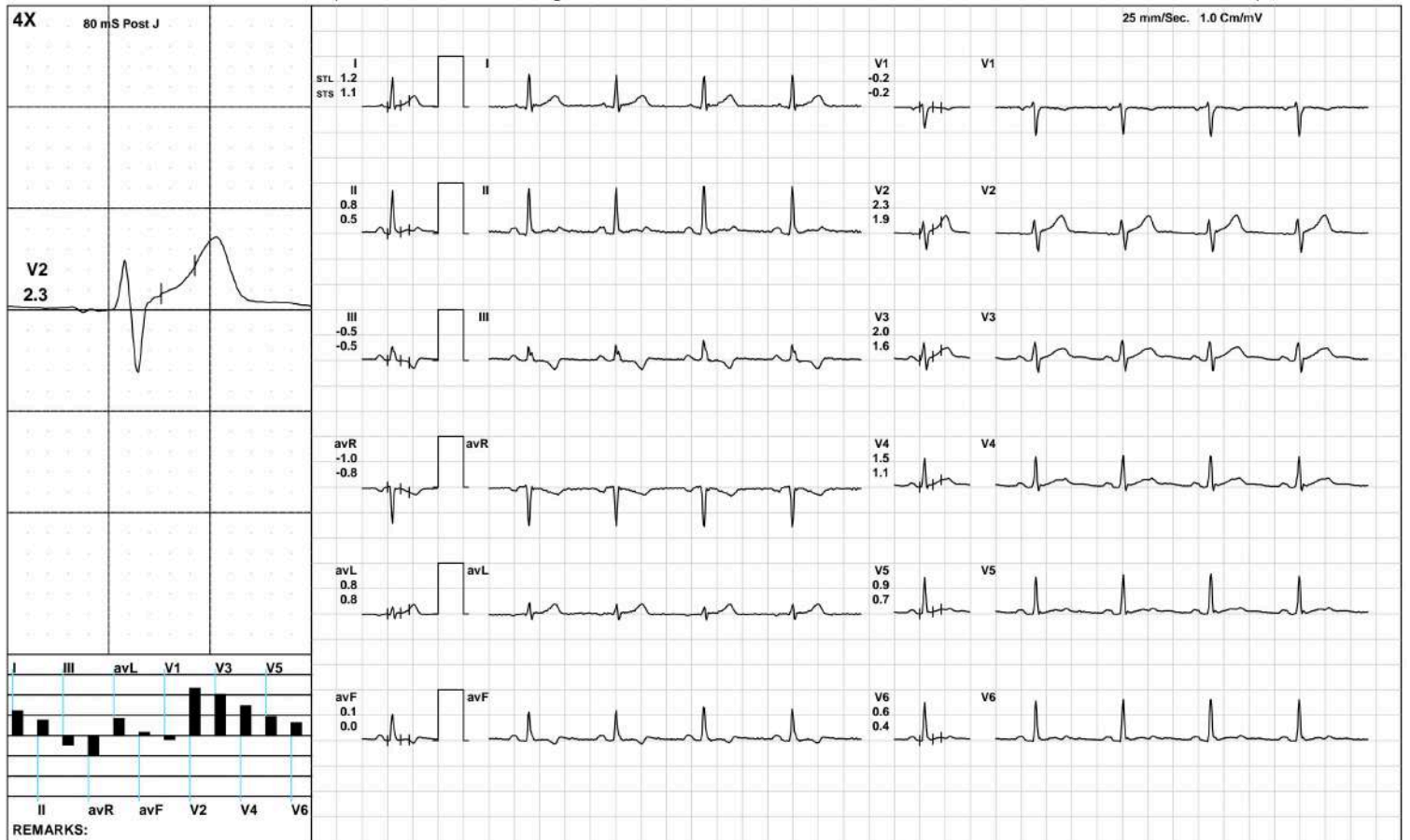
3226 / MR. KUMAR SATYANSHU / 39 Yrs / M / 166 Cms / 76 Kg / HR : 84

Standing



Date: 02-Oct-2024 12:52:06 PM METS: 1.0/ 84 bpm 46% of THR BP: 130/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:08 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

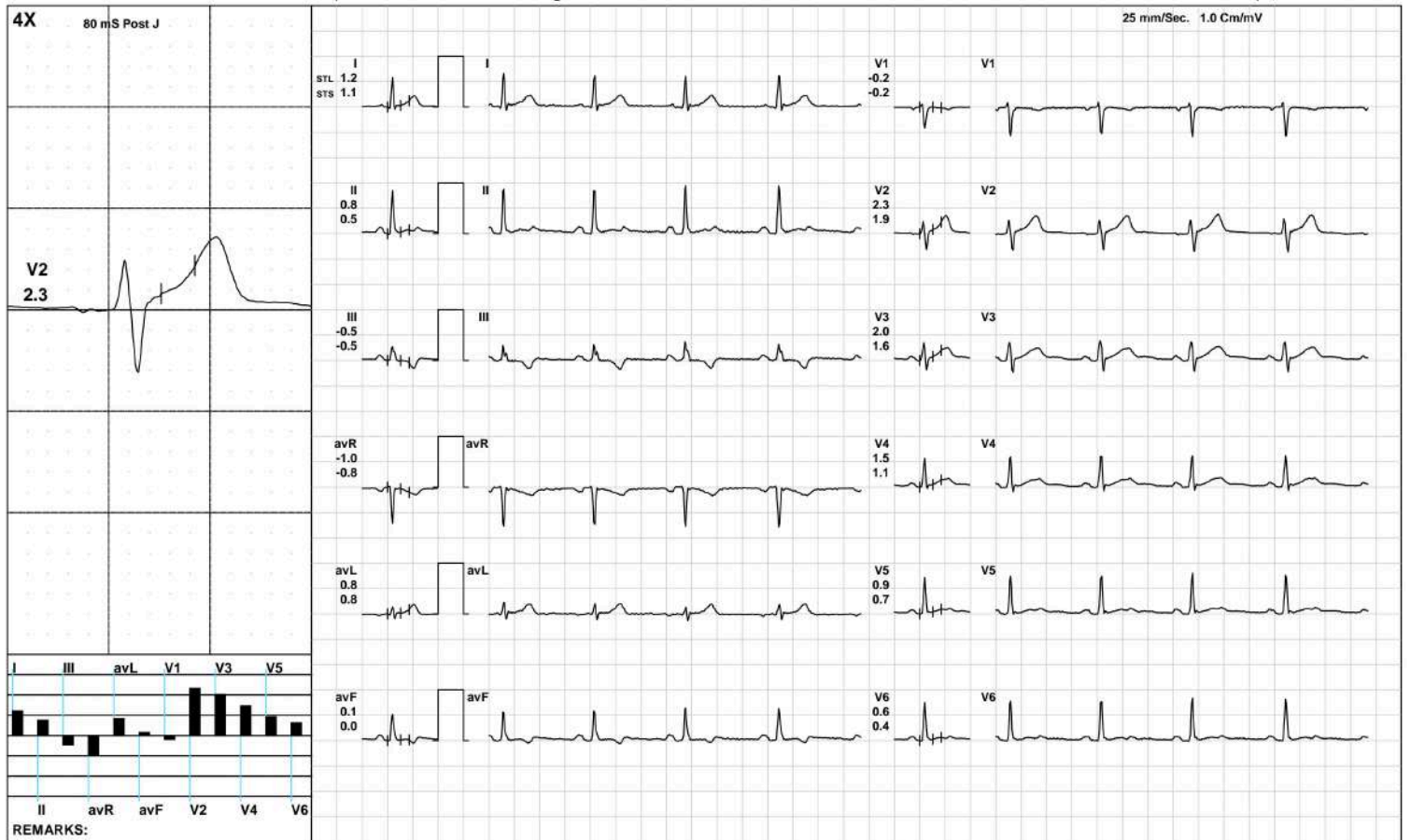
3226 / MR. KUMAR SATYANSHU / 39 Yrs / M / 166 Cms / 76 Kg / HR : 80

HV



Date: 02-Oct-2024 12:52:06 PM METS: 1.0/ 80 bpm 44% of THR BP: 130/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:14 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

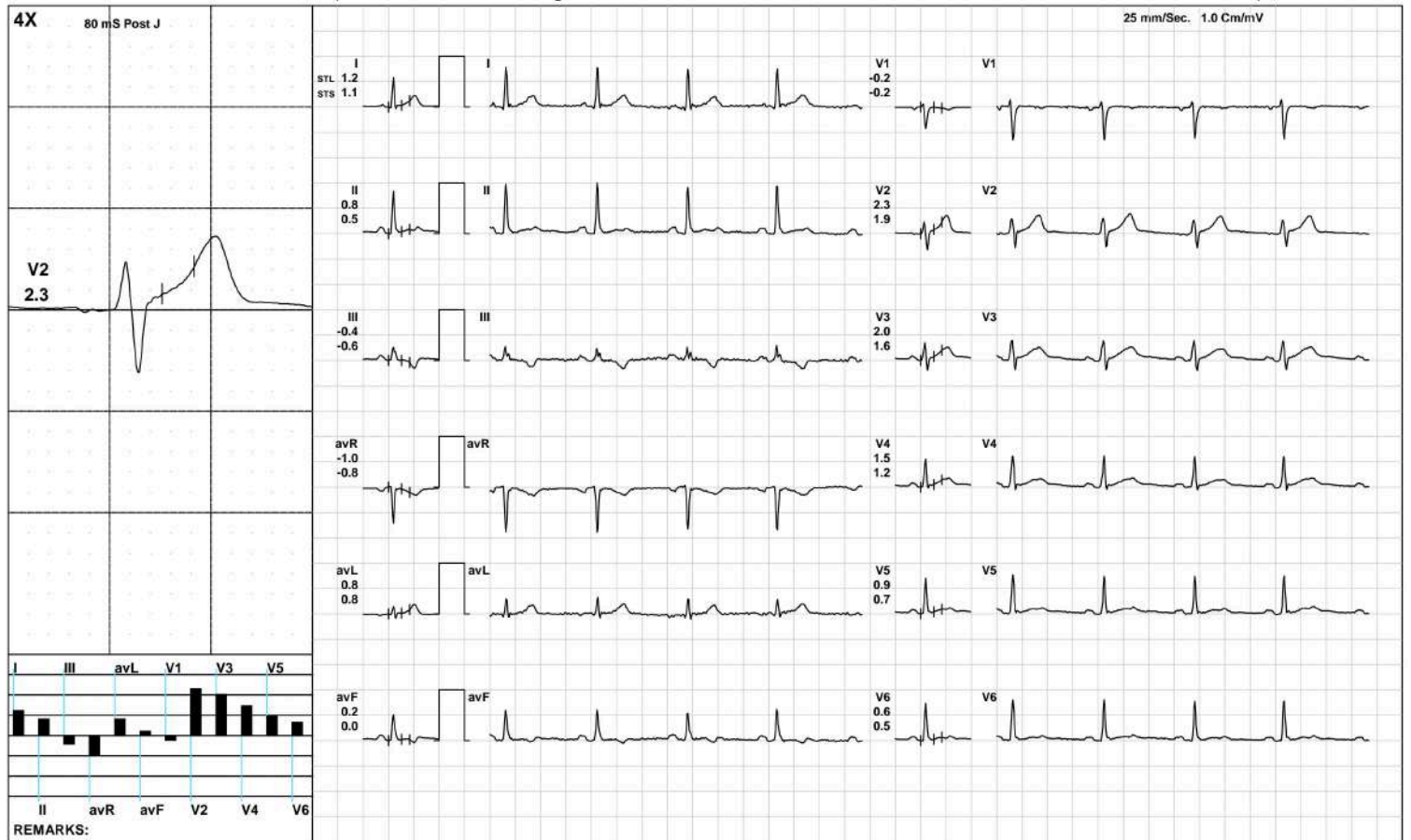
Warm Up



3226 / MR. KUMAR SATYANSHU / 39 Yrs / M / 166 Cms / 76 Kg / HR : 83

Date: 02-Oct-2024 12:52:06 PM METS: 1.0/ 83 bpm 45% of THR BP: 130/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:29 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

3226 / MR. KUMAR SATYANSHU / 39 Yrs / M / 166 Cms / 76 Kg / HR : 95

ExStart



Date: 02-Oct-2024 12:52:06 PM METS: 1.1/ 95 bpm 52% of THR BP: 130/80 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

3226 / MR. KUMAR SATYANSHU / 39 Yrs / M / 166 Cms / 76 Kg / HR : 124

BRUCE/:Stage 1(3:00)



Date: 02-Oct-2024 12:52:06 PM METS: 4.7/ 124 bpm 68% of THR BP: 135/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 03:00 1.7 mph, 10.0%



(GEM212170906)(R)Kardic by Allengers

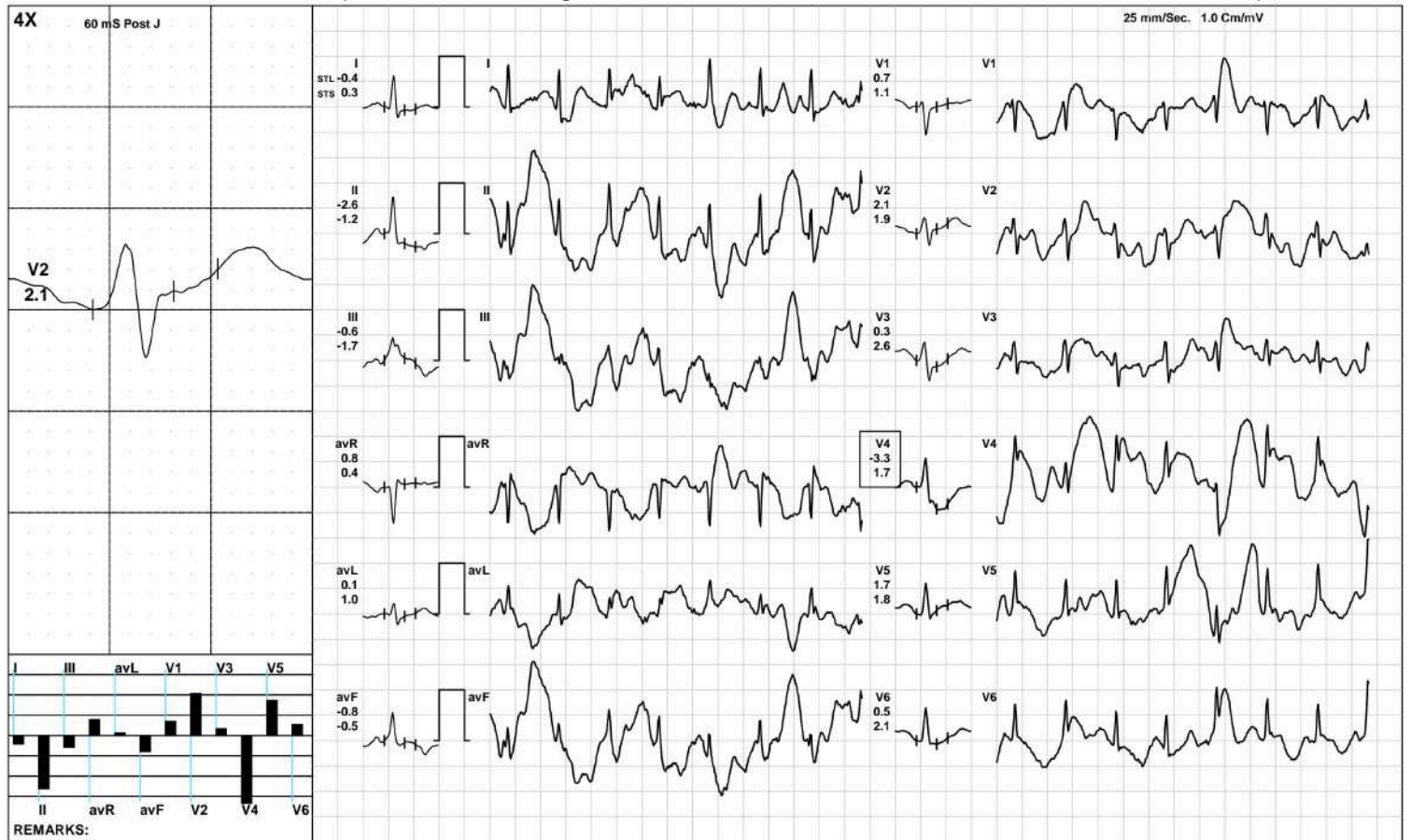
BRUCE/:Stage 2(3:00)



3226 / MR. KUMAR SATYANSHU / 39 Yrs / M / 166 Cms / 76 Kg / HR : 148

Date: 02-Oct-2024 12:52:06 PM METS: 7.1/ 148 bpm 81% of THR BP: 140/90 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

3226 / MR. KUMAR SATYANSHU / 39 Yrs / M / 166 Cms / 76 Kg / HR : 180

PeakEx



Date: 02-Oct-2024 12:52:06 PM METS: 9.2/ 180 bpm 99% of THR BP: 145/95 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:03 3.4 mph, 14.0%



(GEM212170906)(R)Kardic by Allengers

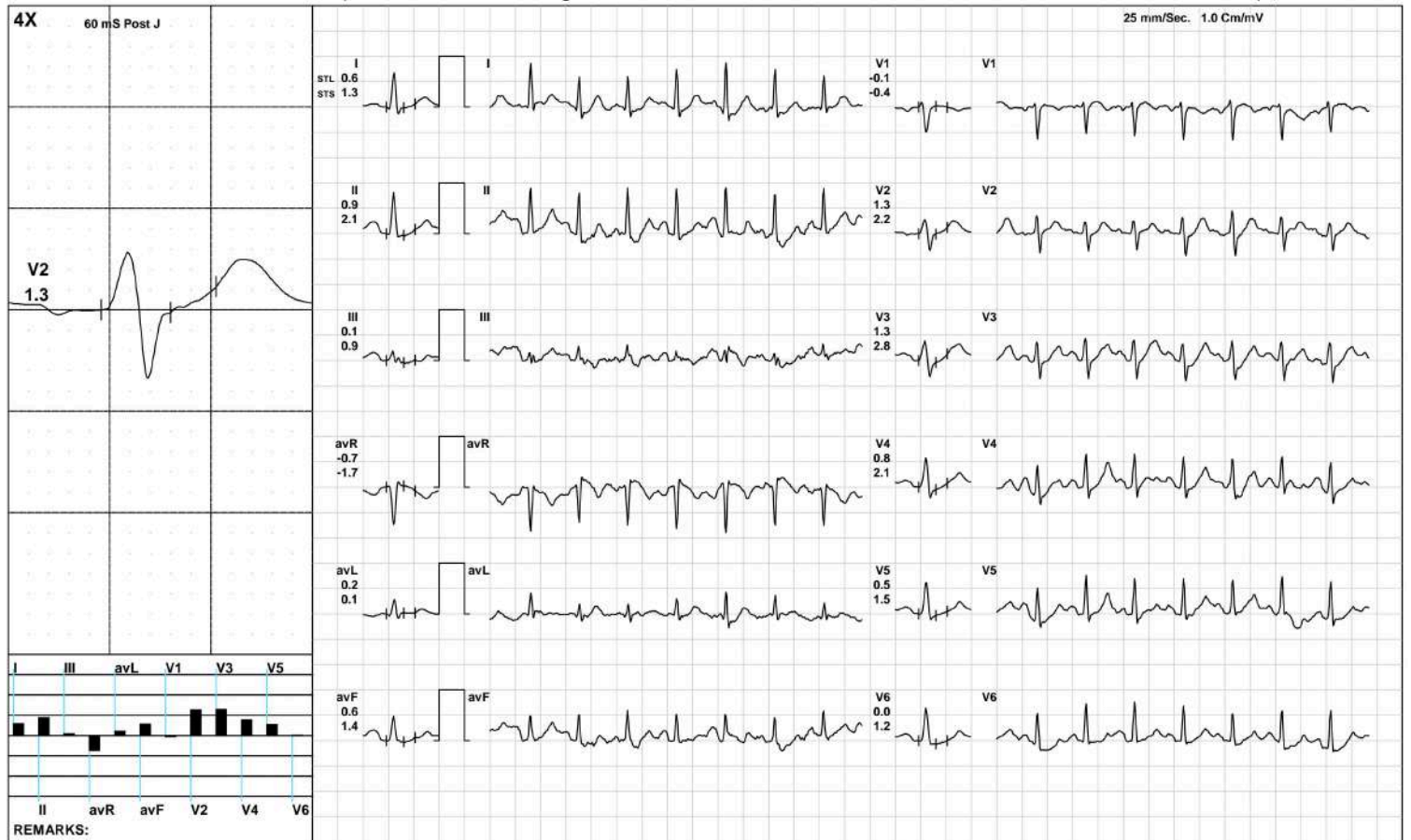
Recovery(1:00)



3226 / MR. KUMAR SATYANSHU / 39 Yrs / M / 166 Cms / 76 Kg / HR : 152

Date: 02-Oct-2024 12:52:06 PM METS: 1.2/ 152 bpm 83% of THR BP: 140/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:04 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

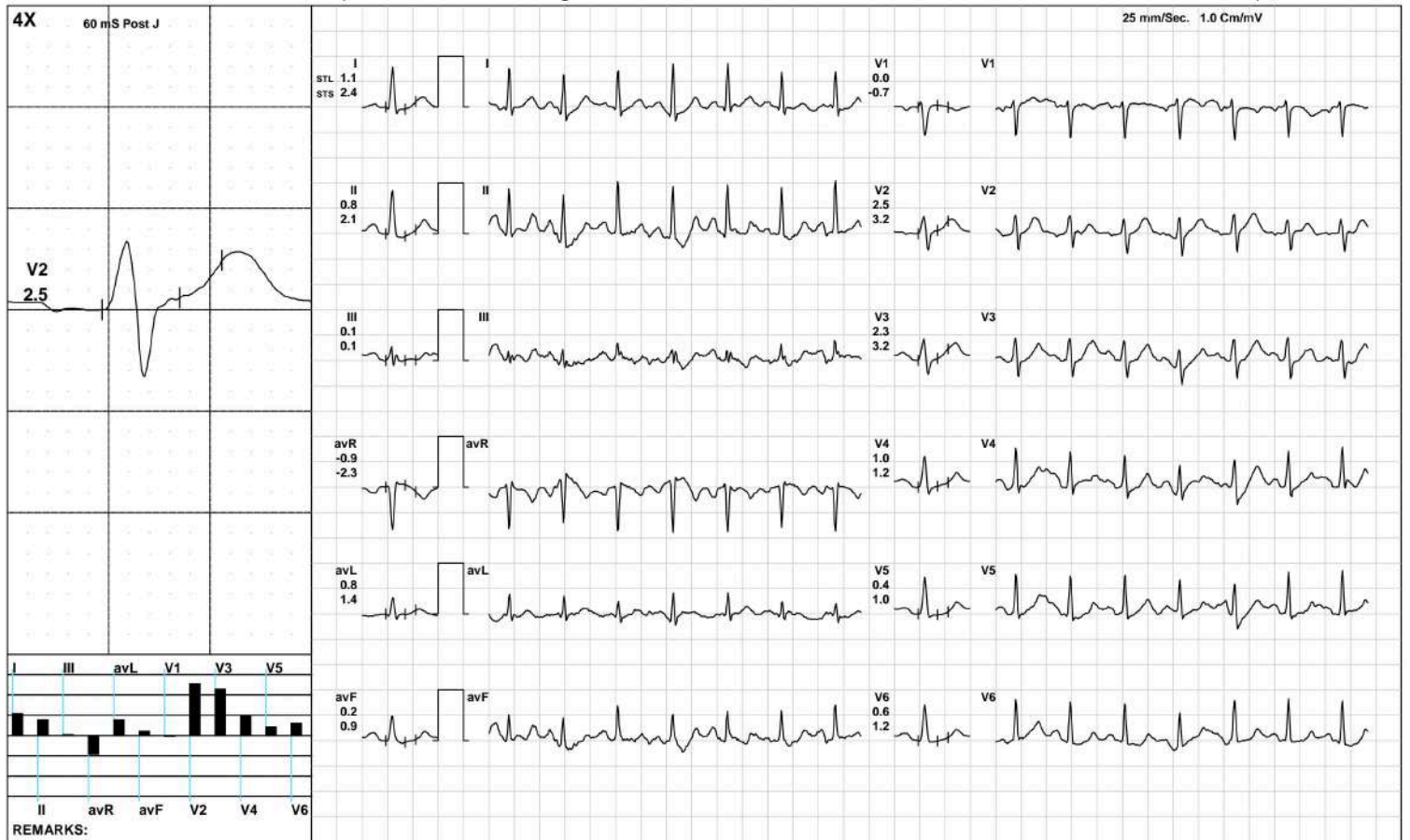
3226 / MR. KUMAR SATYANSHU / 39 Yrs / M / 166 Cms / 76 Kg / HR : 138

Recovery(2:00)



Date: 02-Oct-2024 12:52:06 PM METS: 1.0/ 138 bpm 76% of THR BP: 135/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:04 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

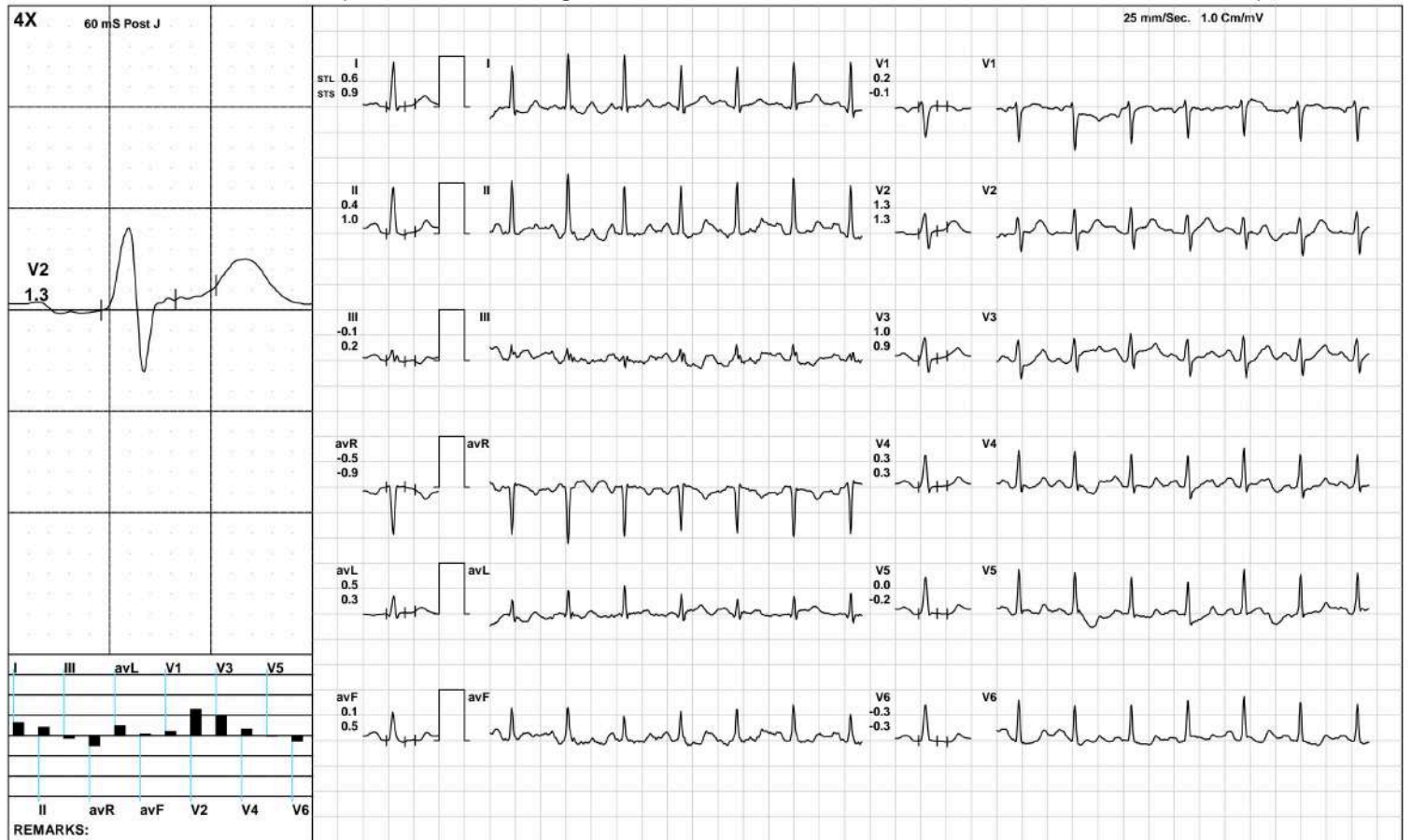
Recovery(3:52)



3226 / MR. KUMAR SATYANSHU / 39 Yrs / M / 166 Cms / 76 Kg / HR : 127

Date: 02-Oct-2024 12:52:06 PM METS: 1.0/ 127 bpm 70% of THR BP: 130/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:04 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

3226 / MR. KUMAR SATYANSHU / 39 Yrs / M / 166 Cms / 76 Kg / HR : 85

ST Measurements



Date: 02-Oct-2024 12:52:06 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	1.2	0.8	-0.5	-1.0	0.8	0.1	-0.2	2.3	2.0	1.5	0.9	0.6	1.1	0.5	-0.5	-0.8	0.8	0.0	-0.2	1.9	1.6	1.1	0.7	0.4	
60 @mS Standing	1.2	0.8	-0.5	-1.0	0.8	0.1	-0.2	2.3	2.0	1.5	0.9	0.6	1.1	0.5	-0.5	-0.8	0.8	0.0	-0.2	1.9	1.6	1.1	0.7	0.4	
HV	1.2	0.8	-0.5	-1.0	0.8	0.1	-0.2	2.3	2.0	1.5	0.9	0.6	1.1	0.5	-0.5	-0.8	0.8	0.0	-0.2	1.9	1.6	1.1	0.7	0.4	
Warm Up	1.2	0.8	-0.4	-1.0	0.8	0.2	-0.2	2.3	2.0	1.5	0.9	0.6	1.1	0.5	-0.6	-0.8	0.8	0.0	-0.2	1.9	1.6	1.2	0.7	0.5	
ExStart	0.5	-1.2	-1.2	0.3	1.1	-1.6	0.8	3.4	2.7	0.8	0.6	0.8	1.8	0.5	-1.5	-1.2	1.6	-0.3	-0.5	3.1	2.4	0.9	0.7	0.6	
Stage 1	0.5	-0.8	-1.7	0.1	1.0	-1.0	0.2	2.3	1.6	1.0	0.6	0.7	1.4	0.7	-1.0	-1.1	1.3	0.0	-0.6	2.2	1.3	1.6	0.3	0.2	
Stage 2	-0.4	-2.6	-0.6	0.8	0.1	-0.8	0.7	2.1	0.3	-3.3	1.7	0.5	0.3	-1.2	-1.7	0.4	1.0	-0.5	1.1	1.9	2.6	1.7	1.8	2.1	
PeakEx	0.2	-0.9	-0.8	0.4	0.7	-1.1	-0.2	0.2	0.5	-1.7	-1.7	-1.5	1.4	-0.9	-2.6	-0.2	1.8	-2.2	-0.9	1.2	2.3	-1.1	-0.6	-0.9	
Recovery	0.6	0.9	0.1	-0.7	0.2	0.6	-0.1	1.3	1.3	0.8	0.5	0.0	1.3	2.1	0.9	-1.7	0.1	1.4	-0.4	2.2	2.8	2.1	1.5	1.2	
Recovery	1.1	0.8	0.1	-0.9	0.8	0.2	0.0	2.5	2.3	1.0	0.4	0.6	2.4	2.1	0.1	-2.3	1.4	0.9	-0.7	3.2	3.2	1.2	1.0	1.2	
Recovery	0.6	0.4	-0.1	-0.5	0.5	0.1	0.2	1.3	1.0	0.3	0.0	-0.3	0.9	1.0	0.2	-0.9	0.3	0.5	-0.1	1.3	0.9	0.3	-0.2	-0.3	

	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STI(μVs)												
Supine	10.1	5.4	-4.6	-7.7	7.3	0.3	-1.8	17.5	14.4	10.0	6.2	4.1
Standing	10.1	5.4	-4.6	-7.7	7.3	0.3	-1.8	17.5	14.4	10.0	6.2	4.1
HV	10.1	5.4	-4.6	-7.7	7.3	0.3	-1.8	17.5	14.4	10.0	6.2	4.1
Warm Up	10.3	6.2	-4.1	-8.2	7.2	1.1	-2.2	17.6	14.9	10.4	6.6	4.4
ExStart	2.2	-8.6	-7.3	3.1	6.5	-11.1	5.8	21.7	16.7	4.4	3.7	5.4
Stage 1	0.7	-7.2	-10.2	3.3	4.6	-7.4	2.6	11.4	9.0	2.9	3.3	4.5
Stage 2	-3.5	-14.1	0.3	4.1	-0.9	-2.7	2.3	8.5	-2.8	-24.6	8.5	-0.6
PeakEx	-1.8	-4.2	-0.3	3.0	1.3	-2.5	1.7	-1.1	0.1	-6.8	-9.7	-7.1
Recovery	0.8	0.7	-1.8	-0.8	1.1	0.2	0.8	3.2	2.1	0.7	0.6	-2.3
Recovery	1.9	1.1	1.3	-1.4	1.7	0.0	1.0	9.1	8.1	3.6	0.5	1.7
Recovery	2.3	1.2	-0.6	-1.8	2.1	0.1	1.2	5.4	4.0	1.4	0.0	-1.2

Median Measurement Summary



3226 / MR. KUMAR SATYANSHU / 39 Yrs / Male / 166 Cm / 76 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 & PJ)	Min. Post JRR Var (μV)	(%)	VEB (Counts)	Missed Beats (Counts)
00:30	89	244	58	53	386	172	1094	-829	390	-26	II	-33	0.00	0	0
01:00	93	222	44	48	387	224	1094	-870	474	-25	avF	-18	0.00	0	0
01:30	108	200	44	45	318	347	971	-827	319	-58	avL	-107	0.00	0	0
02:00	114	182	58	42	376	310	924	-874	350	-22	V1	-43	0.00	0	0
02:30	117	170	44	44	469	291	934	-849	-493	15	III	-304	0.00	0	0
03:00	120	168	44	56	149	378	996	-653	-546	153	III	-486	0.00	0	0
03:30	126	166	46	53	452	487	986	-849	-502	303	III	-144	0.00	0	0
04:00	126	134	44	57	404	621	1057	-795	630	-22	avL	-144	0.00	0	0
04:30	132	152	52	56	271	629	1228	-799	701	15	II	-293	0.00	0	0
05:00	136	140	56	67	246	-448	979	-833	873	-585	V4	-523	0.00	0	0
05:30	139	162	-150	29	33	-1082	953	-1082	-1127	-352	III	-958	0.00	0	0
06:00	144	68	92	40	392	-569	977	-669	-1115	-407	V6	-492	0.00	0	0
06:30	146	80	82	46	174	560	860	-783	-934	-585	V4	-498	0.00	0	0
07:00	155	108	76	75	249	401	1019	-781	609	-201	V4	-292	0.00	0	0
07:30	165	86	-130	29	13	-1495	902	-1351	-1556	-1379	V6	-1422	0.00	0	0
08:00	168	114	68	53	169	648	824	-482	661	-251	II	-141	0.00	0	0
08:30	178	102	54	57	397	211	690	-617	252	-134	V5	-133	0.00	0	0
09:00	169	90	72	50	408	264	750	-629	267	-110	V6	-133	0.00	0	0
09:30	154	140	18	33	69	234	751	-646	-643	-655	V4	-647	0.00	0	0
10:00	144	116	58	36	337	226	808	-838	359	-3	V6	-50	0.00	0	0
10:30	138	134	60	40	323	216	925	-869	356	-51	V6	-42	0.00	0	0
11:00	140	128	58	40	326	214	969	-897	341	-15	III	-113	0.00	0	0
11:30	133	134	58	36	327	209	981	-935	295	-45	III	-41	0.00	0	0
12:00	131	150	44	39	443	203	1007	-922	287	35	III	-40	0.00	0	0
12:30	133	138	44	34	333	210	1000	-938	299	-64	I	-37	0.00	0	0



ISO 9001 : 2015

AAROGYAM DIAGNOSTICS

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

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Date	02/10/2024	Srl No.	7	Patient Id	2410020007
Name	Mr. KUMAR SATYANSHU	Age	39 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
BOB			
HB A1C	5.4	%	

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

AAROGYAM DIAGNOSTICS

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

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Date	02/10/2024	Srl No. 7	Patient Id 2410020007
Name	Mr. KUMAR SATYANSHU	Age 39 Yrs.	Sex M
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	12.7	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTE COUNT (TLC)	5,800	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	65	%	40 - 75
LYMPHOCYTE	30	%	20 - 45
EOSINOPHIL	02	%	01 - 06
MONOCYTE	03	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	14	mm/1st hr.	0 - 15
R B C COUNT	4.26	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	38.1	%	40 - 54
M C V	89.44	fl.	80 - 100
M C H	29.81	Picogram	27.0 - 31.0
M C H C	33.3	gm/dl	33 - 37
PLATELET COUNT	1.96	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"AB"		
RH TYPING	POSITIVE		
BLOOD SUGAR FASTING	98.6	mg/dl	70 - 110
SERUM CREATININE	1.05	mg%	0.7 - 1.4
BLOOD UREA	24.5	mg /dl	15.0 - 45.0
SERUM URIC ACID	4.74	mg%	3.4 - 7.0
<u>LIVER FUNCTION TEST (LFT)</u>			



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Date	02/10/2024	Srl No. 7	Patient Id 2410020007
Name	Mr. KUMAR SATYANSHU	Age 39 Yrs.	Sex M
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.79	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.32	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.47	mg/dl	0.00 - 0.70
TOTAL PROTEIN	7.41	gm/dl	6.6 - 8.3
ALBUMIN	4.39	gm/dl	3.4 - 5.2
GLOBULIN	3.02	gm/dl	2.3 - 3.5
A/G RATIO	1.454		
SGOT	31.8	IU/L	5 - 40
SGPT	27.9	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	74.4	U/L	40.0 - 130.0
GAMMA GT	22.6	IU/L	8.0 - 71.0

LFT INTERPRET

LIPID PROFILE

TRIGLYCERIDES	100.8	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	138.8	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	37.5	mg/dL	35.1 - 88.0
V L D L	20.16	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	81.14	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.701		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	2.164		0.00 - 3.55
THYROID PROFILE			
QUANTITY	20	ml.	



Date	02/10/2024	Srl No. 7	Patient Id 2410020007
Name	Mr. KUMAR SATYANSHU	Age 39 Yrs.	Sex M
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
COLOUR	PALE YELLOW		
TRANSPARENCY	CLEAR		
SPECIFIC GRAVITY	1.015		
PH	6.0		
ALBUMIN	NIL		
SUGAR	NIL		

MICROSCOPIC EXAMINATION

PUS CELLS	0-1	/HPF	
RBC'S	NIL	/HPF	
CASTS	NIL		
CRYSTALS	NIL		
EPITHELIAL CELLS	1-2	/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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AAROGYAM DIAGNOSTICS

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

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www.aarogyamdiagnostics.com

Date 02/10/2024	Srl No. 7	Patient Id 2410020007
Name Mr. KUMAR SATYANSHU	Age 39 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 02/10/2024	Srl No. 7	Patient Id 2410020007
Name Mr. KUMAR SATYANSHU	Age 39 Yrs.	Sex M
Ref. By Dr.BOB		

Test Name	Value	Unit	Normal Value
<u>BIOCHEMISTRY</u>			
BLOOD SUGAR PP	109.8	mg/dl	80 - 160

**** End Of Report ****

Dr.R.B.RAMAN
MBBS, MD
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 Regd. Of· ce : 5th Floor, Doctor House, Nr. Parimal Garden, Ahmedabad-380006 Gujarat
 CIN: U85195GJ2009PLC057059



41004100088

TEST REPORT

Reg.No : 41004100088	Reg.Date : 04-Oct-2024 19:40	Collection : 04-Oct-2024 19:40
Name : KUMAR SATYANSHU		Received : 04-Oct-2024 19:40
Age : 38 Years	Sex : Male	Report : 04-Oct-2024 23:06
Referred By : AAROGYAM DIAGNOSTICS @ PATNA		Dispatch : 04-Oct-2024 23:27
Referral Dr : □	Status : Final	Location : 41 - PATNA

Test Name	Results	Units	Bio. Ref. Interval
THYROID FUNCTION TEST			
T3 (triiodothyronine), Total <small>CMIA</small>	1.06	ng/mL	0.70 - 2.04
T4 (Thyroxine), Total <small>CMIA</small>	7.17	µg/dL	4.6 - 10.5
TSH (Thyroid stimulating hormone) <small>CMIA</small>	3.164	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 -----

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