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भारत सरकार

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नामांकन क्रम / Enrollment No : 1214/8902701289

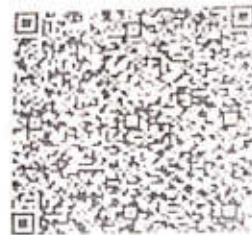
To
नीरज कुमार
Neeraj Kumar
S/O Binay Kumar Sinha
cnirayiland,postal park
Opposit shiv niwas
Phulwari
Patna G.p
Phulwari Patna
Bihar 800001
9308313481

05/07/2014

151552167



ML515521678FT



आपका आधार क्रमांक / Your Aadhaar No. :

7320 9357 6847

आधार - आम आदमी का अधिकार

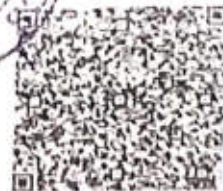


भारत सरकार

Government of India



नीरज कुमार
Neeraj Kumar
जन्म तिथि / DOB 05/12/1987
पुरुष / Male



7320 9357 6847

आधार - आम आदमी का अधिकार

09-11-2024 12:01:06 PM

ID: 95

NEERAJ KUMAR
Male 36Years

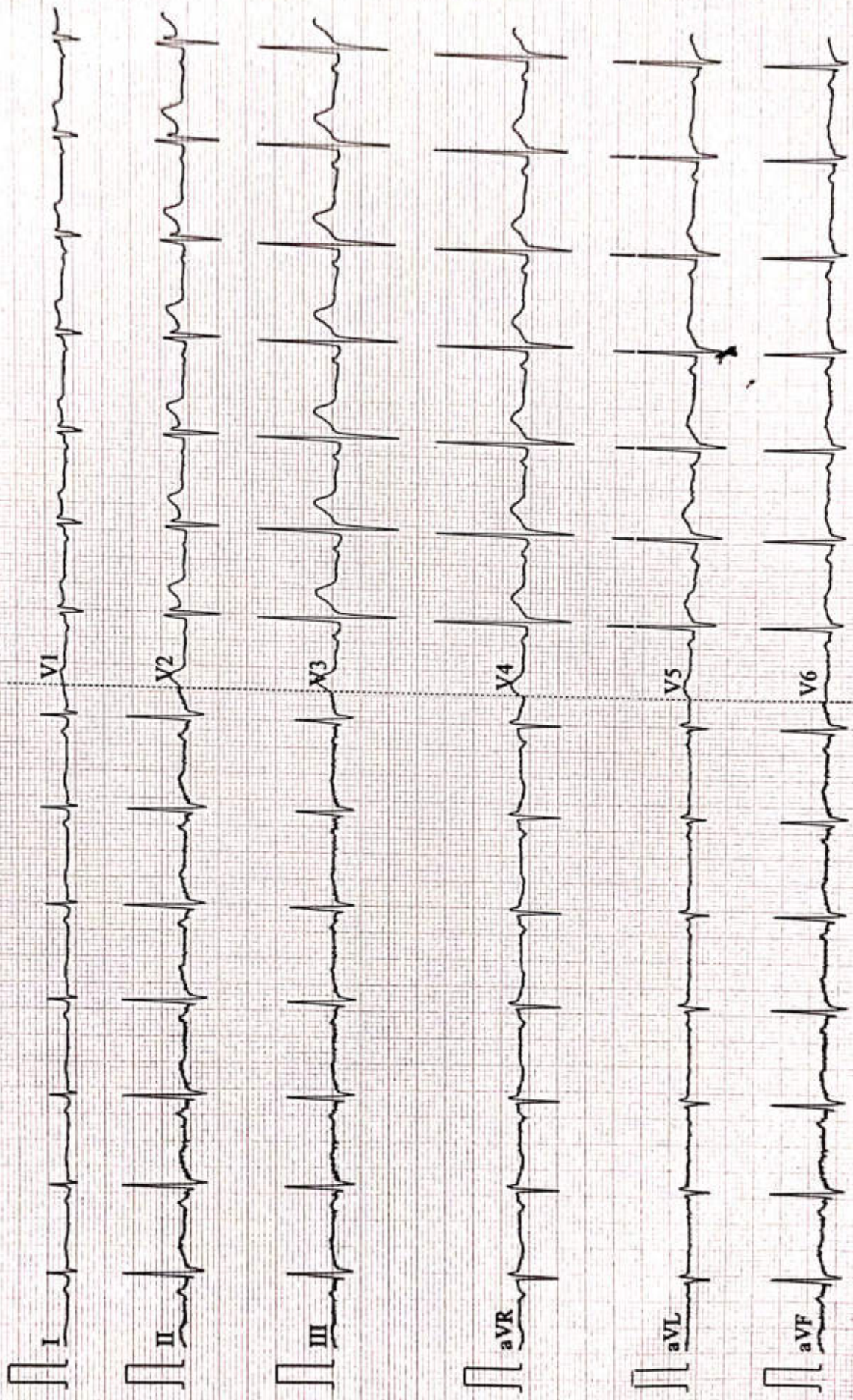
Diagnosis Information:
Sinus Rhythm
Low T Wave(V6)

HR	:	85	bpm
P	:	82	ms
PR	:	136	ms
QRS	:	91	ms
QT/QTc	:	347/414	ms
P/QRS/T	:	52/65/63	°
RV5/SV1	:	1.508/0.320	mV

DR. RAMAN

Ref-Physio 33940

Report Confirmed by:



Patient Name	NEERAJ KUMAR	Date	09-11-2024
Age/Sex	36/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





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

F-41, P.C. Colony, Opp. Madhuban Complex,
Near Malahi Pakari Chowk, Kankarbagh, Patna-20
9065875700
info@aarogyamdiagnostics.com
www.aarogyamdiagnostics.com

Name :- Neeraj Kumar
Pt's ID :- 18/39884
Refd by :- Dr. Corp.

Age/Sex:-36Yrs/M
Date :09/11/24

Thanks for referral.

REPORT OF USG OF WHOLE ABDOMEN

- Liver** :- 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 (10.9cm)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 10.2cm and Left Kidney measures 11.8cm.
- Ureters** :- Ureters are not dilated.
- U. Bladder**:- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Prostate** :- Normal in size (15.2cc)& echotexture.
- Others** :- No ascites or abdominal adenopathy is seen.
No free subphrenic / basal pleural space collection is seen.

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

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



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Date	09/11/2024	Srl No.	9	Patient Id	2411090009
Name	Mr. NEERAJ KUMAR	Age	36 Yrs.	Sex	M
Ref. By	Dr.MEDIWHEEL				

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



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Date	09/11/2024	Sri No. 9	Patient Id 2411090009
Name	Mr. NEERAJ KUMAR	Age 36 Yrs.	Sex M
Ref. By	Dr.MEDIWHEEL		

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	14.4	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTE COUNT (TLC)	6,800	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	61	%	40 - 75
LYMPHOCYTE	33	%	20 - 45
EOSINOPHIL	02	%	01 - 06
MONOCYTE	04	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN' s METHOD)	13	mm/1st hr.	0 - 15
R B C COUNT	4.84	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	43.2	%	40 - 54
M C V	89.26	fl.	80 - 100
M C H	29.75	Picogram	27.0 - 31.0
M C H C	33.3	gm/dl	33 - 37
PLATELET COUNT	1.92	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"A"		
RH TYPING	POSITIVE		
BLOOD SUGAR FASTING	86.6	mg/dl	70 - 110
SERUM CREATININE	0.93	mg%	0.7 - 1.4
BLOOD UREA	20.9	mg /dl	15.0 - 45.0
SERUM URIC ACID	7.21	mg%	3.4 - 7.0
<u>LIVER FUNCTION TEST (LFT)</u>			



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Date	09/11/2024	Sri No.	9	Patient Id	2411090009
Name	Mr. NEERAJ KUMAR	Age	36 Yrs.	Sex	M
Ref. By	Dr.MEDIWHEEL				

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.77	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.31	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.46	mg/dl	0.00 - 0.70
TOTAL PROTEIN	7.48	gm/dl	6.6 - 8.3
ALBUMIN	4.43	gm/dl	3.4 - 5.2
GLOBULIN	3.05	gm/dl	2.3 - 3.5
A/G RATIO	1.452		
SGOT	26.1	IU/L	5 - 40
SGPT	24.6	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	73.1	U/L	40.0 - 130.0
GAMMA GT	22.9	IU/L	8.0 - 71.0
LFT INTERPRET			
<u>LIPID PROFILE</u>			
TRIGLYCERIDES	126.5	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	218.3	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	59.2	mg/dL	35.1 - 88.0
V L D L	25.3	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	133.8	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.688		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	2.26		0.00 - 3.55
THYROID PROFILE			
QUANTITY	15	ml.	



Date	09/11/2024	Srl No.	9	Patient Id	2411090009
Name	Mr. NEERAJ KUMAR	Age	36 Yrs.	Sex	M
Ref. By	Dr.MEDIWHEEL				

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	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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Date	09/11/2024	Srl No.	9	Patient Id	2411090009
Name	Mr. NEERAJ KUMAR	Age	36 Yrs.	Sex	M
Ref. By	Dr.MEDIWHEEL				

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
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CONSULTANT PATHOLOGIST



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Date	09/11/2024	Srl No.	9	Patient Id	2411090009
Name	Mr. NEERAJ KUMAR	Age	36 Yrs.	Sex	M
Ref. By	Dr.MEDIWHEEL				

Test Name	Value	Unit	Normal Value
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BIOCHEMISTRY

BLOOD SUGAR PP	94.5	mg/dl	80 - 160
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**** End Of Report ****

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



3298 / MR. NEERAJ KUMAR / 36 Yrs / M / 168 Cms / 83 Kg Date: 09-Nov-2024 Technician : ARUN

Stage	Time	Duration	Belt Speed (mph)	Elevation	METs	Rate	% THR Achieved	BP	RPP	PVC	Comments
Supine	00:04	0:01	00.0	00.0	01.0	114	62 %	120/80	136	00	
Standing	00:11	0:01	00.0	00.0	01.0	114	62 %	120/80	136	00	
HV	00:18	0:01	00.0	00.0	01.0	115	62 %	120/80	138	00	
Warm Up	00:37	0:01	01.0	00.0	01.0	119	65 %	120/80	142	00	
ExStart	01:27	0:06	01.7	10.0	01.1	120	65 %	120/80	144	00	
BRUCE/ Stage 1	04:27	3:00	01.7	10.0	04.7	143	78 %	125/85	178	00	
BRUCE/ Stage 2	07:27	3:00	02.5	12.0	07.1	166	90 %	130/90	215	00	
PeakEx	08:38	1:11	03.4	14.0	08.3	182	99 %	130/90	236	00	
Recovery	09:37	1:00	01.1	00.0	01.2	166	90 %	125/85	207	00	
Recovery	10:37	2:00	01.1	00.0	01.0	151	82 %	120/80	181	00	
Recovery	11:57	3:19	01.1	00.0	01.0	143	78 %	120/80	171	00	

Findings :

Exercise Time : 07:12
 Max HR Attained : 182 bpm 99% of Target 184
 Max BP Attained : (Sys) 130/90
 Max WorkLoad Attained : 8.3 Fair response to induced stress
 Max ST Dep Lead & Value : avF & -2.4 mm in PeakEx mm
 Test End Reasons : Test Complete

Report :

AAROGYAM DIAGNOSTIC S

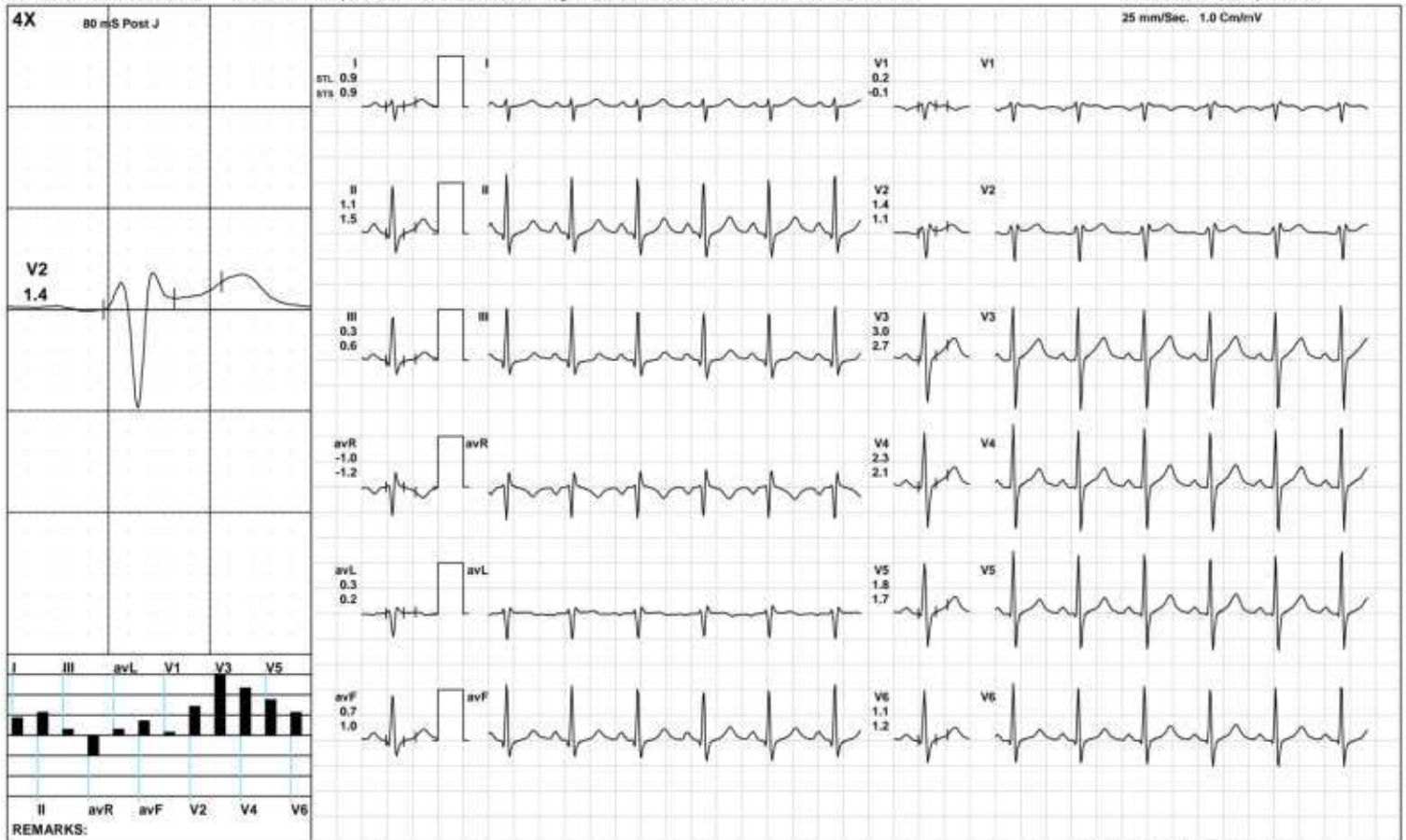
Supine



3298 / MR. NEERAJ KUMAR / 36 Yrs / M / 168 Cms / 83 Kg / HR : 114

Date: 09-Nov-2024 03:21:59 PM METS: 1.0/ 114 bpm 61% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:04 0.0 mph, 0.0%



AAROGYAM DIAGNOSTIC S

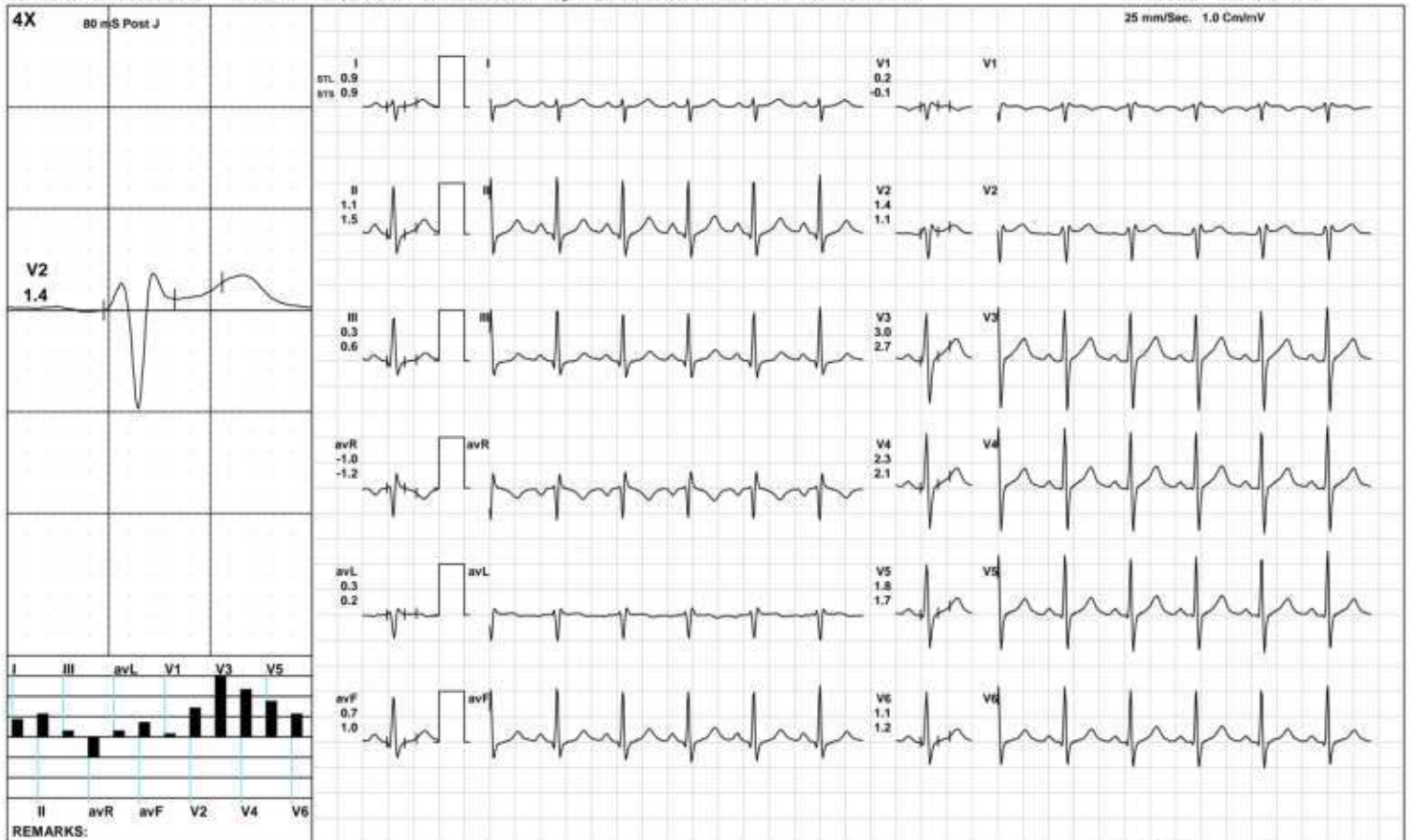
Standing



3298 / MR. NEERAJ KUMAR / 36 Yrs / M / 168 Cms / 83 Kg / HR : 114

Date: 09-Nov-2024 03:21:59 PM METS: 1.0/ 114 bpm 61% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:11 0.0 mph, 0.0%



AAROGYAM DIAGNOSTIC S

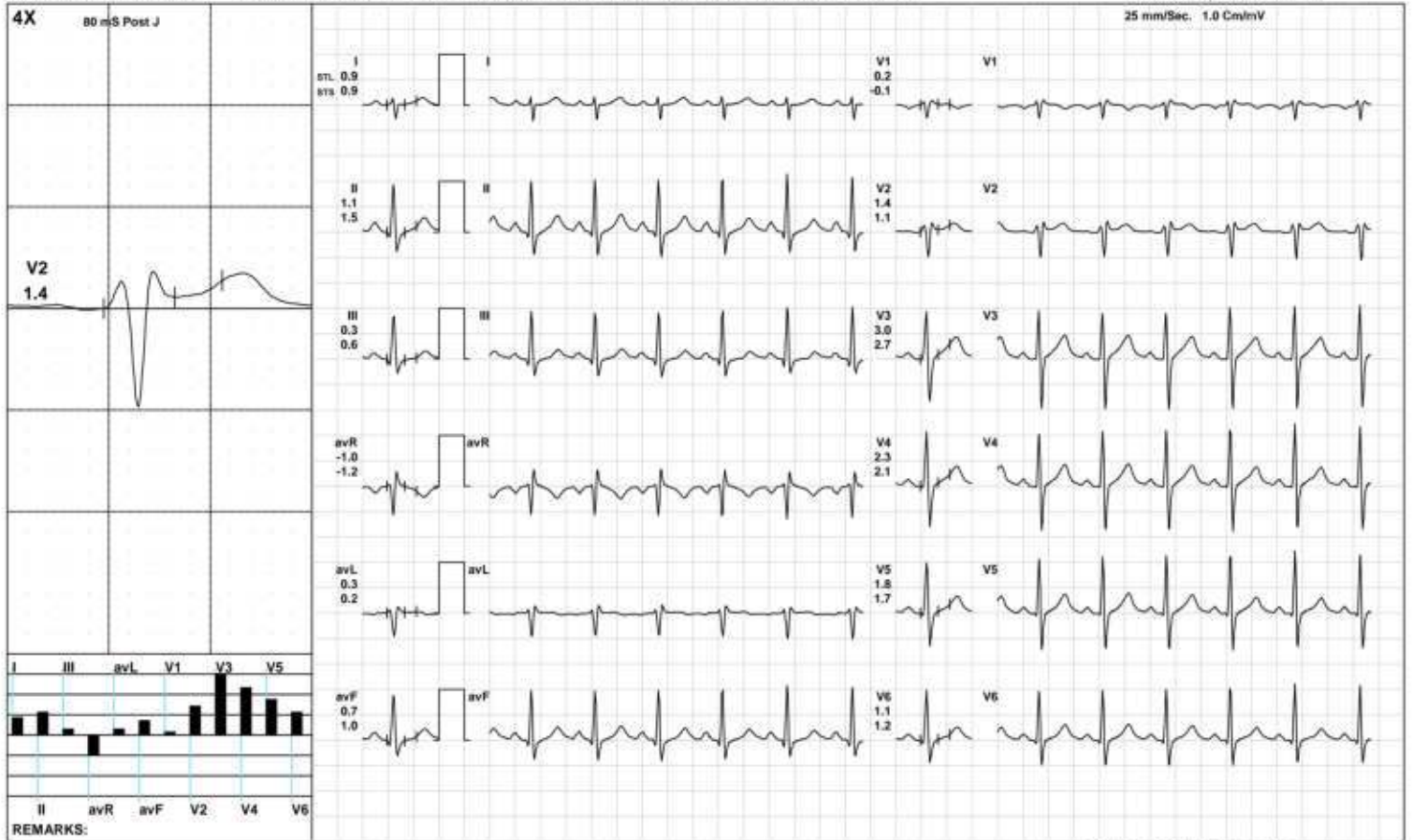
HV



3298 / MR. NEERAJ KUMAR / 36 Yrs / M / 168 Cms / 83 Kg / HR : 115

Date: 09-Nov-2024 03:21:59 PM METS: 1.0/ 115 bpm 62% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:18 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTIC S

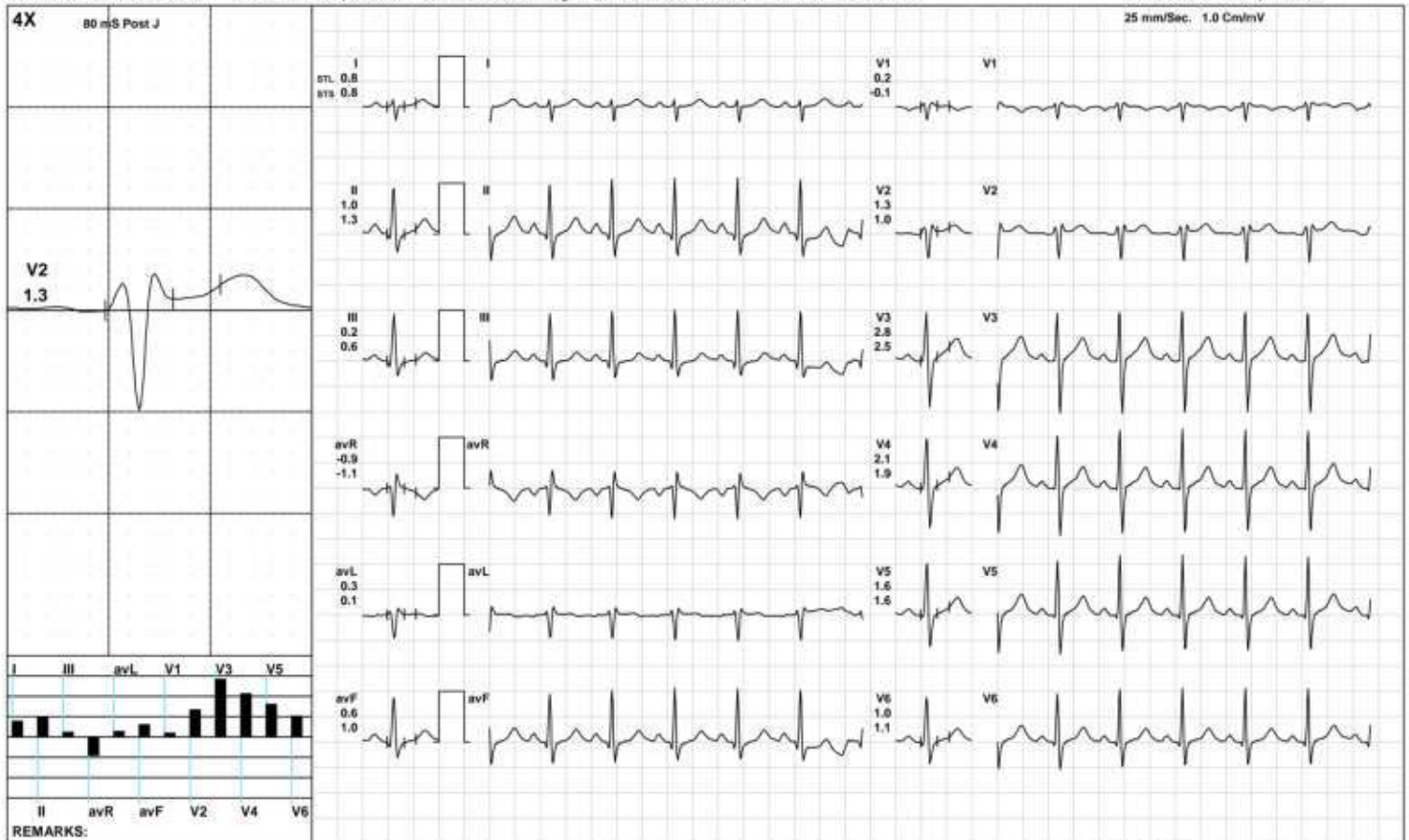
Warm Up



3298 / MR. NEERAJ KUMAR / 36 Yrs / M / 168 Cms / 83 Kg / HR : 119

Date: 09-Nov-2024 03:21:59 PM METS: 1.0/ 119 bpm 64% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:37 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTIC S

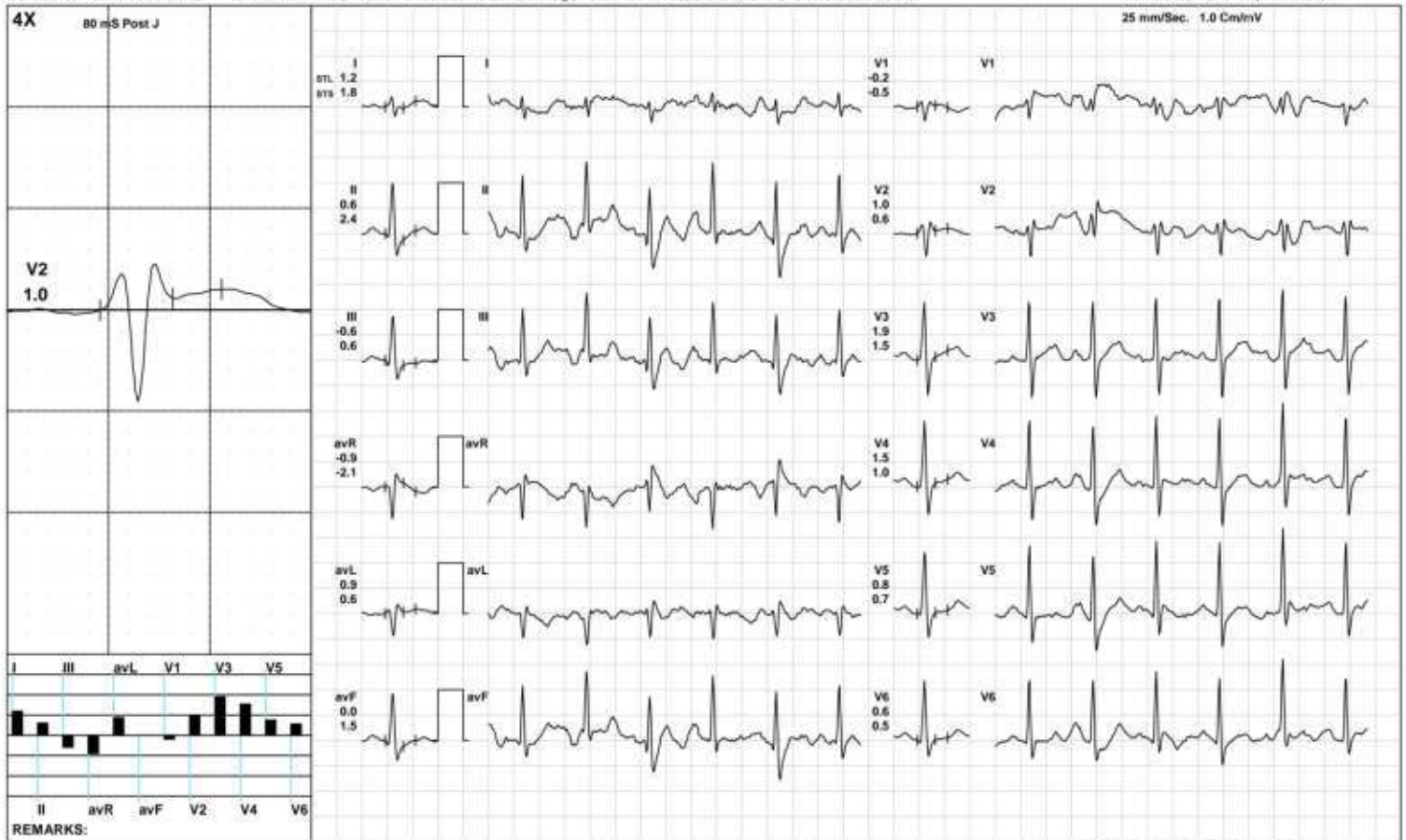
ExStart



3298 / MR. NEERAJ KUMAR / 36 Yrs / M / 168 Cms / 83 Kg / HR : 120

Date: 09-Nov-2024 03:21:59 PM METS: 1.1/ 120 bpm 65% of THR BP: 120/80 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

AAROGYAM DIAGNOSTIC S

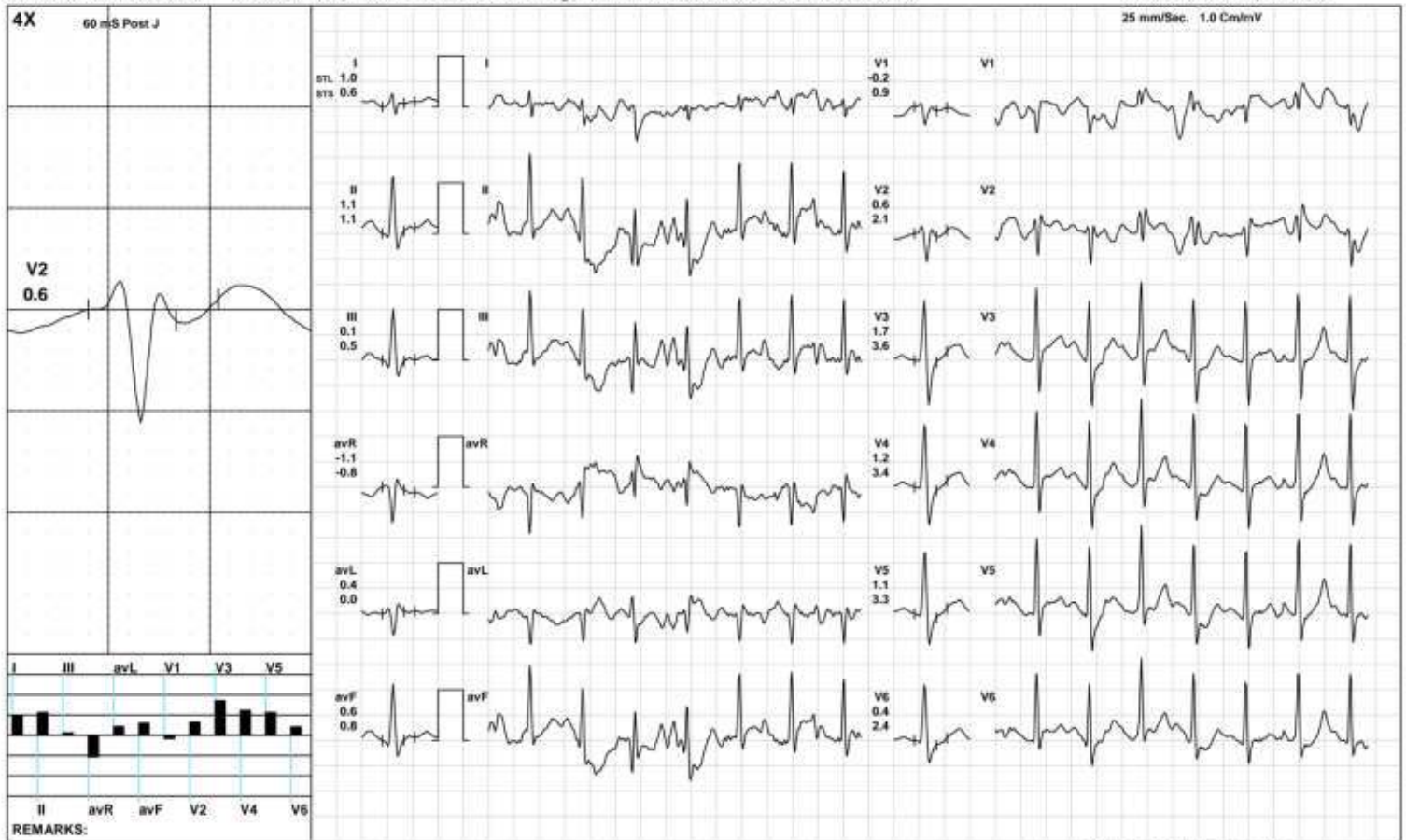
BRUCE/Stage 1(3:00)



3298 / MR. NEERAJ KUMAR / 36 Yrs / M / 168 Cms / 83 Kg / HR : 143

Date: 09-Nov-2024 03:21:59 PM METS: 4.7/ 143 bpm 77% of THR BP: 125/85 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

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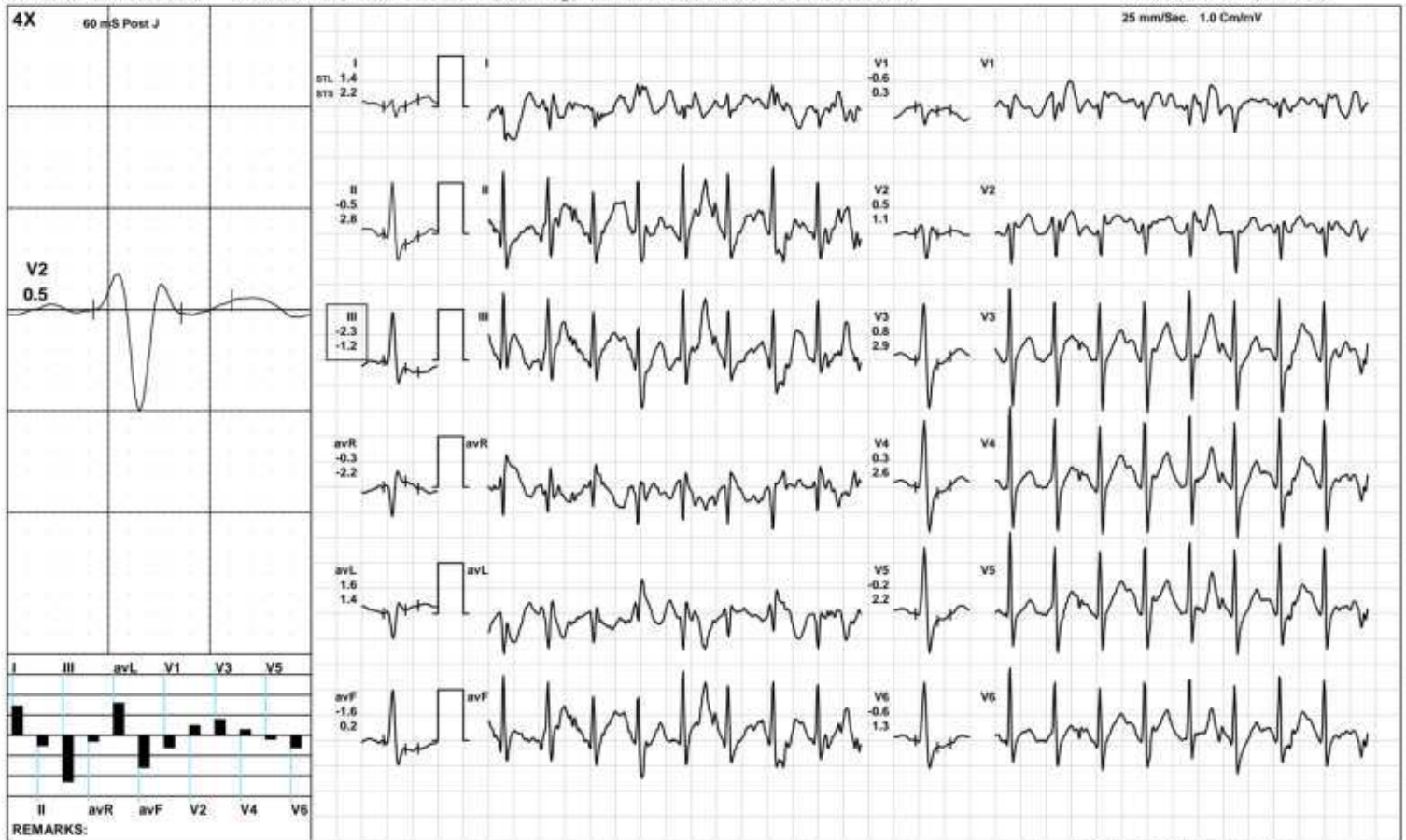
BRUCE/Stage 2(3:00)



3298 / MR. NEERAJ KUMAR / 36 Yrs / M / 168 Cms / 83 Kg / HR : 166

Date: 09-Nov-2024 03:21:59 PM METS: 7.1/ 166 bpm 90% of THR BP: 130/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 06:00 2.5 mph, 12.0%



AAROGYAM DIAGNOSTIC S

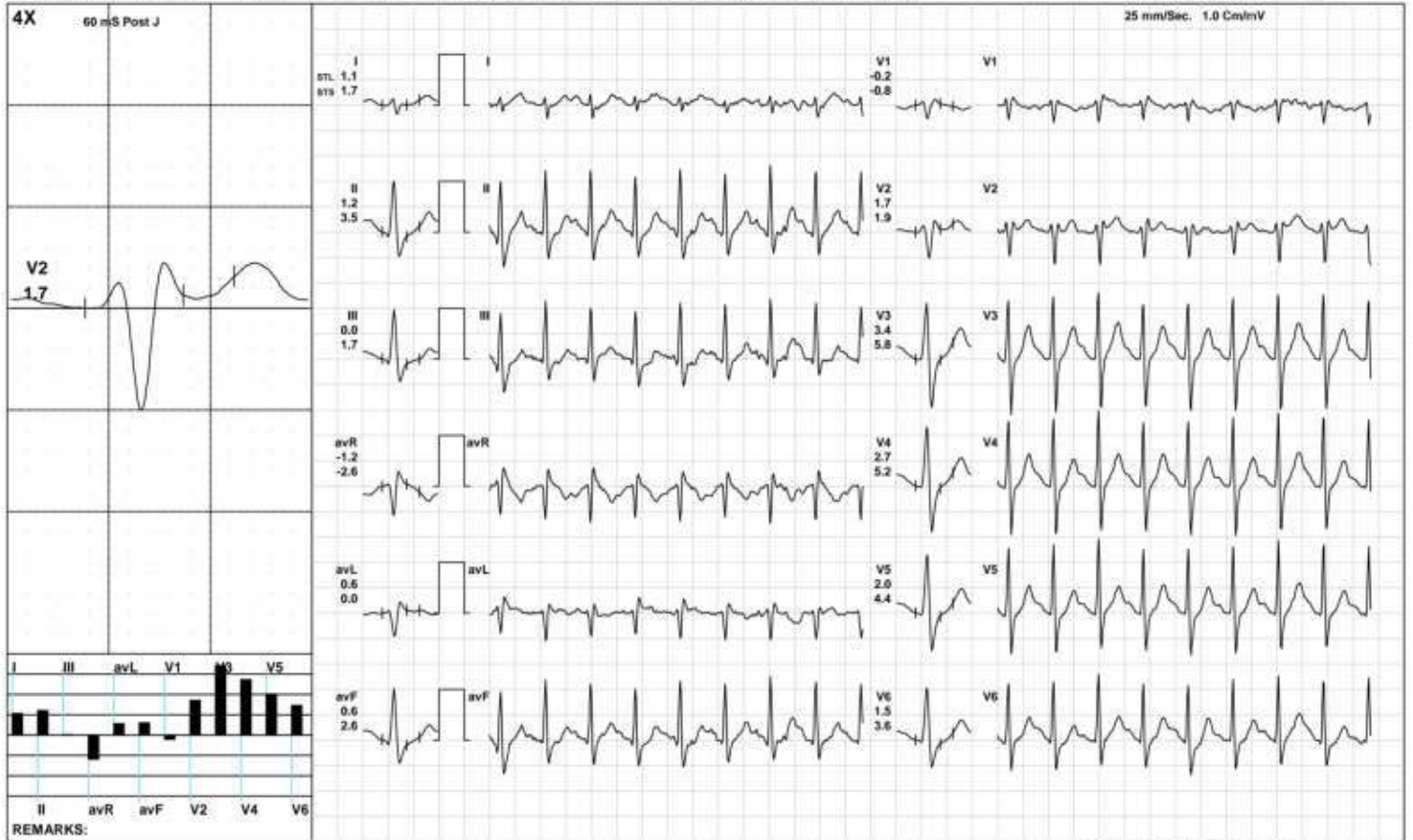
Recovery(1:00)



3298 / MR. NEERAJ KUMAR / 36 Yrs / M / 168 Cms / 83 Kg / HR : 166

Date: 09-Nov-2024 03:21:59 PM METS: 1.2/ 166 bpm 90% of THR BP: 125/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:12 1.1 mph 0.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTIC S

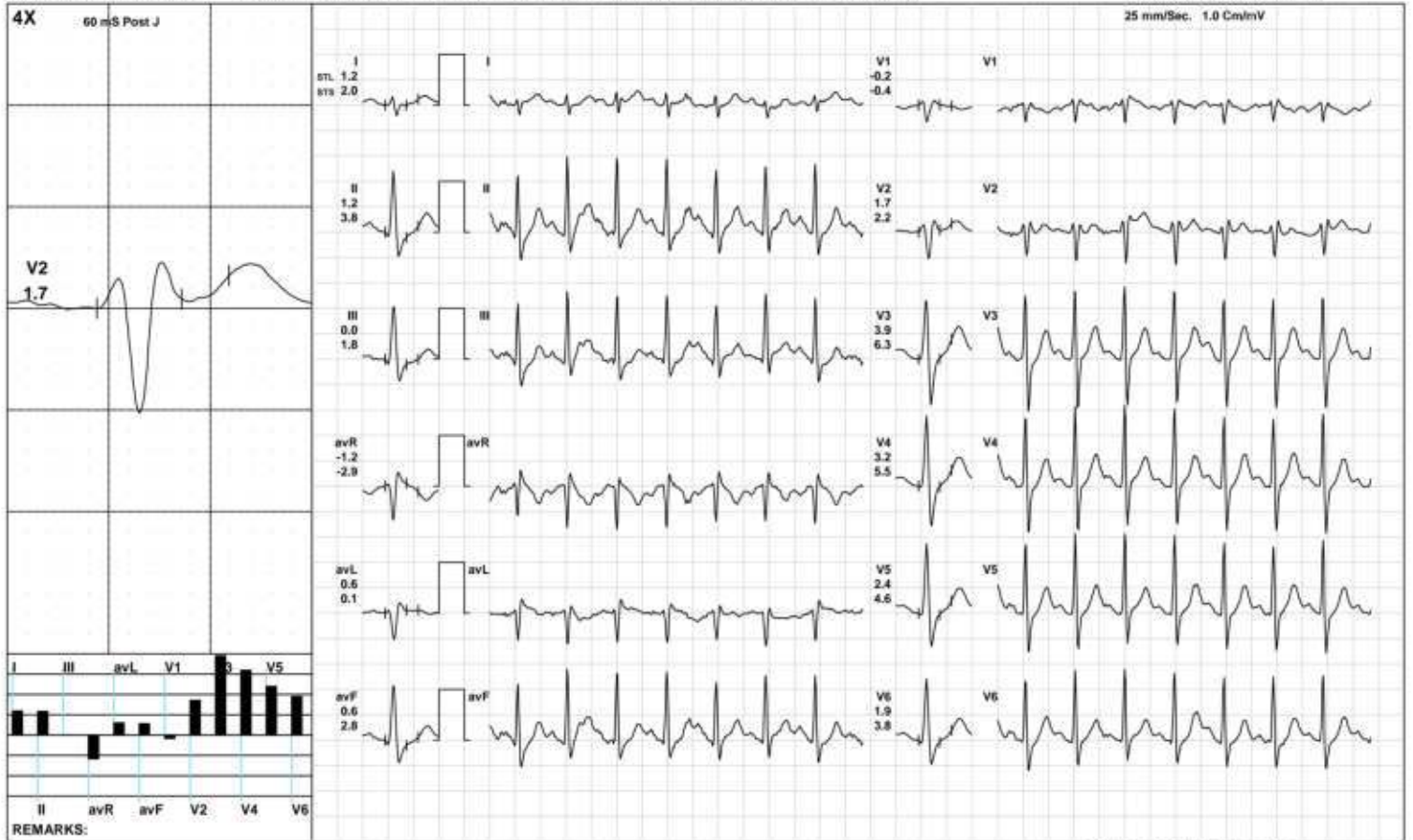
Recovery(2:00)



3298 / MR. NEERAJ KUMAR / 36 Yrs / M / 168 Cms / 83 Kg / HR : 151

Date: 09-Nov-2024 03:21:59 PM METS: 1.0/ 151 bpm 82% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:12 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTIC S

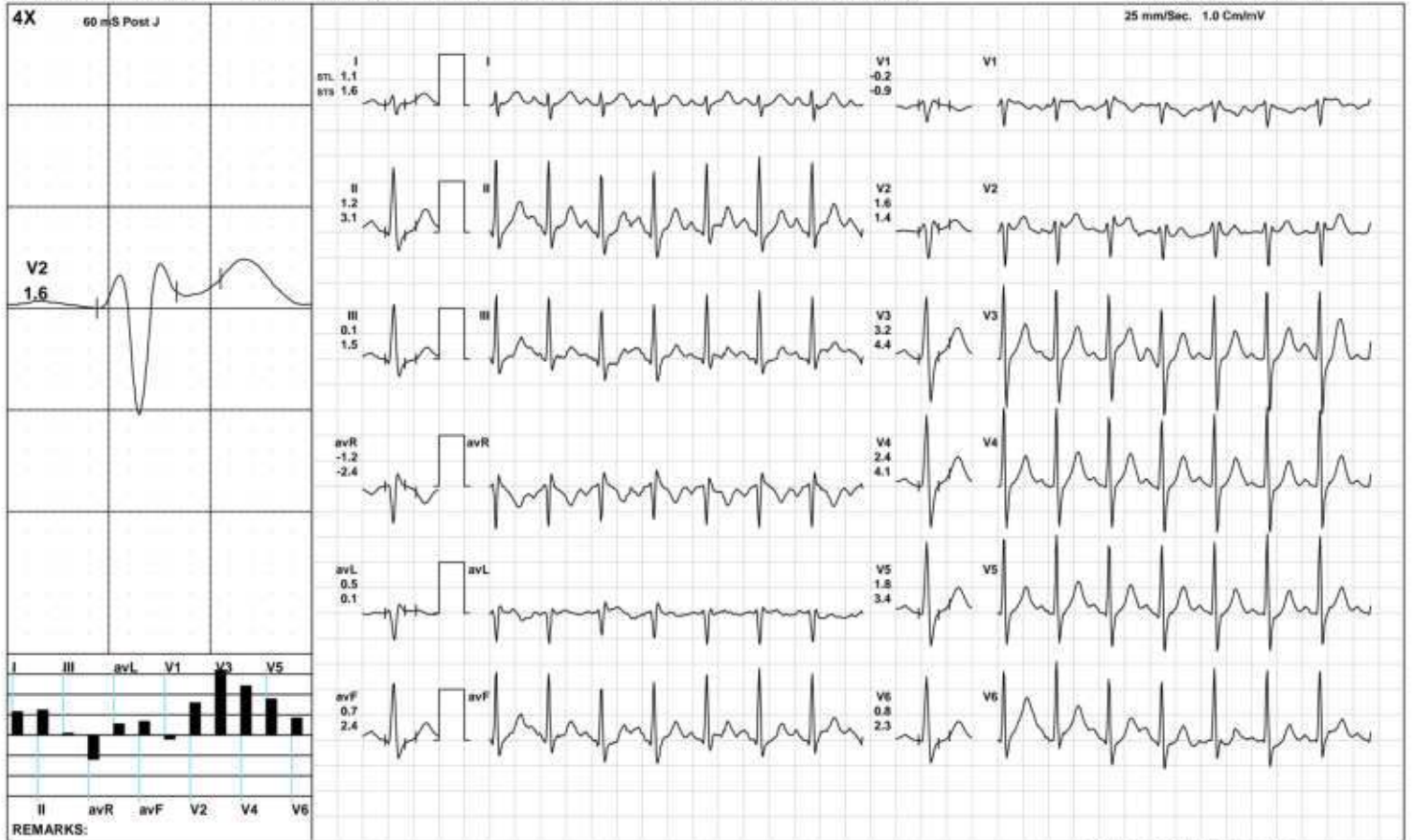
Recovery(3:19)



3298 / MR. NEERAJ KUMAR / 36 Yrs / M / 168 Cms / 83 Kg / HR : 143

Date: 09-Nov-2024 03:21:59 PM METS: 1.0/ 143 bpm 77% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:12 1.1 mph 0.0%



AAROGYAM DIAGNOSTIC S

ST Measurements



3298 / MR. NEERAJ KUMAR / 36 Yrs / M / 168 Cms / 83 Kg / HR : 117

Date: 09-Nov-2024 03:21:59 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	0.9	1.1	0.3	-1.0	0.3	0.7	0.2	1.4	3.0	2.3	1.8	1.1	0.9	1.5	0.6	-1.2	0.2	1.0	-0.1	1.1	2.7	2.1	1.7	1.2	
60 @mS Standing	0.9	1.1	0.3	-1.0	0.3	0.7	0.2	1.4	3.0	2.3	1.8	1.1	0.9	1.5	0.6	-1.2	0.2	1.0	-0.1	1.1	2.7	2.1	1.7	1.2	
HV	0.9	1.1	0.3	-1.0	0.3	0.7	0.2	1.4	3.0	2.3	1.8	1.1	0.9	1.5	0.6	-1.2	0.2	1.0	-0.1	1.1	2.7	2.1	1.7	1.2	
Warm Up	0.8	1.0	0.2	-0.9	0.3	0.6	0.2	1.3	2.8	2.1	1.6	1.0	0.8	1.3	0.6	-1.1	0.1	1.0	-0.1	1.0	2.5	1.9	1.6	1.1	
ExStart	1.2	0.6	-0.6	-0.9	0.9	0.0	-0.2	1.0	1.9	1.5	0.8	0.6	1.8	2.4	0.6	-2.1	0.6	1.5	-0.5	0.6	1.5	1.0	0.7	0.5	
Stage 1	1.0	1.1	0.1	-1.1	0.4	0.6	-0.2	0.6	1.7	1.2	1.1	0.4	0.6	1.1	0.5	-0.8	0.0	0.8	0.9	2.1	3.6	3.4	3.3	2.4	
Stage 2	1.4	-0.5	-2.3	-0.3	1.6	-1.6	-0.6	0.5	0.8	0.3	-0.2	-0.6	2.2	2.8	-1.2	-2.2	1.4	0.2	0.3	1.1	2.9	2.6	2.2	1.3	
PeakEx	0.8	-1.4	-2.2	0.4	1.7	-2.4	-0.4	0.7	1.6	0.1	-1.1	-2.0	2.2	2.4	0.5	-2.2	0.8	1.8	0.7	2.1	2.9	3.2	2.8	2.2	
Recovery	1.1	1.2	0.0	-1.2	0.6	0.6	-0.2	1.7	3.4	2.7	2.0	1.5	1.7	3.5	1.7	-2.6	0.0	2.6	-0.8	1.9	5.8	5.2	4.4	3.6	
Recovery	1.2	1.2	0.0	-1.2	0.6	0.6	-0.2	1.7	3.9	3.2	2.4	1.9	2.0	3.8	1.8	-2.9	0.1	2.8	-0.4	2.2	6.3	5.5	4.6	3.8	
Recovery	1.1	1.2	0.1	-1.2	0.5	0.7	-0.2	1.6	3.2	2.4	1.8	0.8	1.6	3.1	1.5	-2.4	0.1	2.4	-0.9	1.4	4.4	4.1	3.4	2.3	

	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STI(μVs)												
Supine	5.0	6.4	1.5	-5.7	1.9	3.9	1.0	8.5	18.7	14.8	10.8	7.0
Standing	5.0	6.4	1.5	-5.7	1.9	3.9	1.0	8.5	18.7	14.8	10.8	7.0
HV	5.0	6.4	1.5	-5.7	1.9	3.9	1.0	8.5	18.7	14.8	10.8	7.0
Warm Up	4.6	5.7	1.1	-5.2	1.7	3.4	1.3	8.0	17.4	13.5	9.7	6.3
ExStart	4.6	-0.4	-5.2	-2.1	4.9	-2.8	0.8	6.8	11.7	10.1	4.5	3.5
Stage 1	5.5	6.5	1.0	-6.0	2.2	3.7	-2.9	-0.6	4.5	1.9	1.6	-1.4
Stage 2	4.9	-8.6	-12.5	3.0	7.0	-10.8	-2.7	0.1	-1.7	-4.0	-5.7	-6.7
PeakEx	1.4	-12.6	-14.3	6.4	8.9	-17.6	-4.2	-0.6	2.9	-6.0	-12.0	-15.5
Recovery	2.2	0.5	-2.3	-1.6	2.5	-0.9	0.0	4.8	7.5	5.3	3.0	1.2
Recovery	3.1	0.1	-3.0	-1.6	3.1	-1.5	-0.5	4.8	10.5	8.3	5.7	4.0
Recovery	3.8	2.2	-1.6	-3.0	2.8	0.3	0.0	5.9	11.2	7.5	5.0	0.9



3298 / MR. NEERAJ KUMAR / 36 Yrs / Male / 168 Cm / 83 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	118	162	82	76	342	231	1388	-990	452	172	avL	-84	0.00	0	0
01:00	113	166	84	90	446	179	1410	-794	422	-146	III	-57	0.00	0	0
01:30	125	132	86	99	373	230	1419	-741	338	-62	avL	-52	0.00	0	0
02:00	135	152	90	90	355	242	1359	-781	465	-137	III	-124	0.00	0	0
02:30	138	146	68	94	349	191	1367	-808	311	-198	II	-30	0.00	0	0
03:00	141	124	88	97	365	200	1342	-816	348	-6	I	-71	0.00	0	0
03:30	141	118	88	96	379	170	1431	-803	379	-200	avF	-124	0.00	0	0
04:00	142	130	68	90	356	263	1399	-904	367	-67	III	-94	0.00	0	0
04:30	148	120	70	75	377	-275	1496	-909	439	-390	II	-317	0.00	0	0
05:00	148	118	64	71	424	497	1338	-948	569	-370	V6	-292	0.00	0	0
05:30	155	116	68	104	367	350	1421	-930	597	-550	III	-443	0.00	0	0
06:00	158	104	66	119	311	550	2009	-1116	-609	-657	III	-516	0.00	0	0
06:30	162	108	90	110	354	379	1396	-969	581	-378	avL	-173	0.00	0	0
07:00	165	106	68	102	417	324	1565	-1015	433	-317	III	-191	0.00	0	0
07:30	172	104	68	101	342	388	1533	-1114	452	-43	I	-188	0.00	0	0
08:00	179	100	64	100	374	380	1359	-1134	436	-436	III	-155	0.00	0	0
08:30	179	80	68	95	383	252	1249	-1117	446	-380	V6	-131	0.00	0	0
09:00	169	100	66	94	334	246	1259	-1025	603	-352	III	-19	0.00	0	0
09:30	161	104	66	92	329	236	1355	-976	631	-393	III	-33	0.00	0	0
10:00	154	108	66	94	329	258	1392	-974	668	-350	III	-46	0.00	0	0
10:30	149	126	68	90	308	259	1440	-958	649	-309	III	-21	0.00	0	0
11:00	145	124	90	90	326	236	1450	-940	655	43	V1	-14	0.00	0	0
11:30	142	128	86	90	328	241	1432	-940	628	-124	III	-31	0.00	0	0



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



41104100111

TEST REPORT

Reg.No : 41104100111	Reg.Date : 10-Nov-2024 16:01	Collection : 10-Nov-2024 16:01
Name : NEERAJ KUMAR		Received : 10-Nov-2024 16:01
Age : 36 Years	Sex : Male	Report : 10-Nov-2024 17:39
Referred By : AAROGYAM DIAGNOSTICS @ PATNA		Dispatch : 10-Nov-2024 18:00
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>	8.72	µg/dL	4.6 - 10.5
TSH (Thyroid stimulating hormone) <small>CMIA</small>	1.175	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. Chandani Dangarasia

MBBS, DPB
 Page 1 of 1 Reg. No.:- G- 1060