



भारत सरकार
GOVERNMENT OF INDIA



पल्लव कुमार
Pallav Kumar
जन्म वर्ष / Year of Birth : 1994
पुंस्व / Male

7060 8636 5012



आधार - आम आदमी का अधिकार



ID: 235

PALLAW KUMAR
Male 30Years

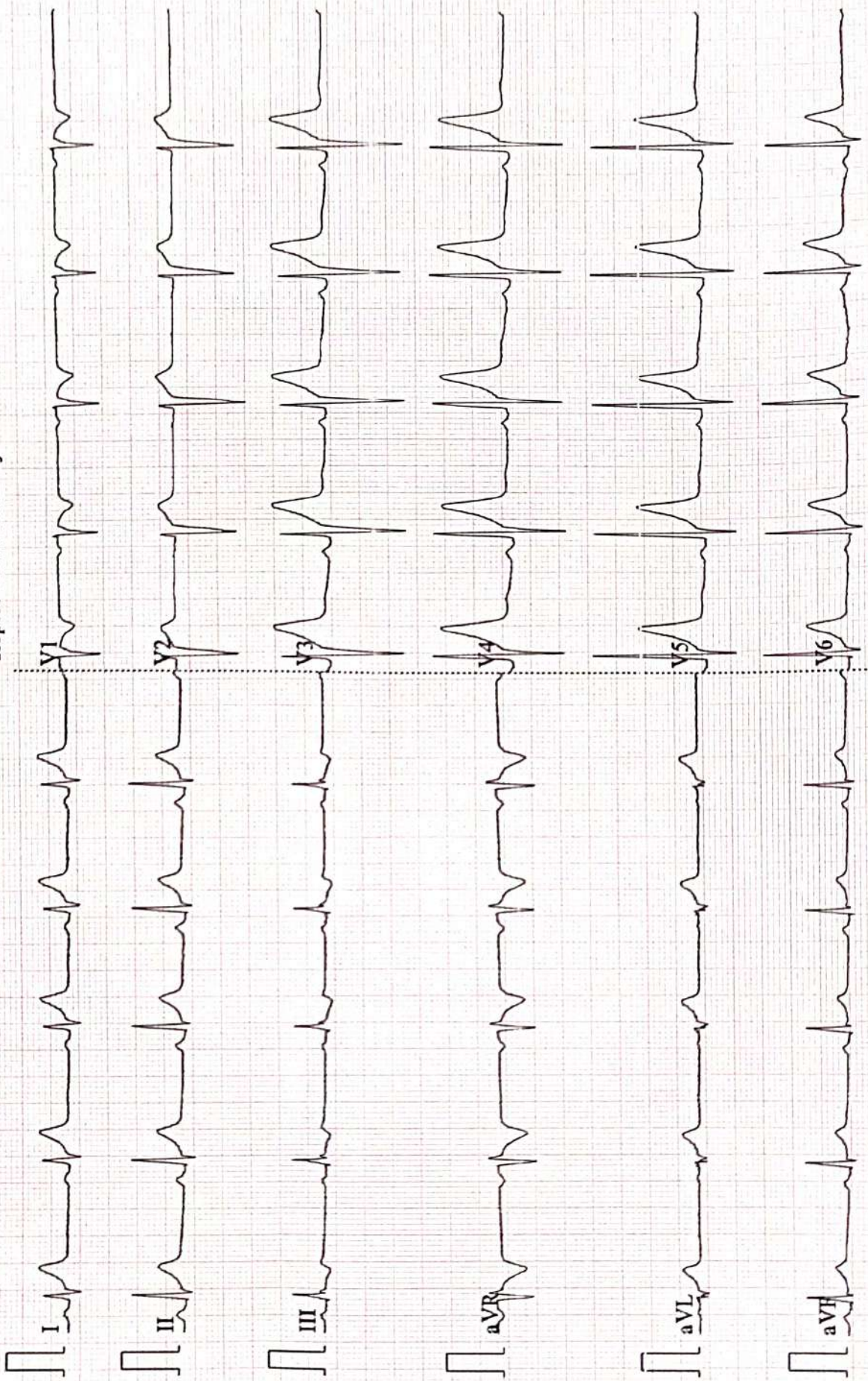
21-09-2024 10:23:07 AM

HR : 62 bpm
P : 102 ms
PR : 155 ms
QRS : 92 ms
QT/QTc : 347/353 ms
P/QRS/T : 55/71/28 °
RV5/SV1 : 1.947/0.717 mV

Diagnosis Information:
Sinus Arrhythmia
Slight ST Elevation(V4,V5)
Biphasic T Wave(III)

DR. ~~SR~~MAN

Ref-Phys. MD
Reg. No. 3394
Rep Confirmed by:



Patient Name	PALLAW KUMAR	Date	21-09-2024
Age/Sex	30/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 :- Mr. PallawKumar
Refd by :- CORP.

Age/Sex:-30Yrs/M
Date :-21/09/24

Thanks for referral.

REPORT OF USG OF WHOLE ABDOMEN

- Liver** :- Normal in size (13.0cm)with normal 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(8.1cm) 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 9.3cm and Left Kidney measures 9.5cm.
- Ureters** :- Ureters are not dilated.
- U. Bladder**:- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Prostate** :- Normal in size (17.7cc)& echotexture.
- Others** :- No ascites or abdominal adenopathy is seen.
No free subphrenic / basal pleural space collection is seen.

IMPRESSION:- *Normal Scan.*

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

Report



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTICS.

3173 / PALLAW KUMAR / 30 Yrs / M / 174 Cms / 73 Kg Date: 21-Sep-2024 Technician : MD SAQUIB NEHAL

Stage	Time	Duration	Belt Speed (mph)	Elevation	METs	Rate	% THR Achieved	BP	RPP	PVC	Comments
Supine	00:05	0:01	00.0	00.0	01.0	65	34 %	120/80	078	00	
Standing	00:11	0:01	00.0	00.0	01.0	64	34 %	120/80	076	00	
HV	00:16	0:01	00.0	00.0	01.0	071	37 %	120/80	085	00	
Warm Up	00:22	0:01	01.0	00.0	01.0	068	36 %	120/80	081	00	
ExStart	00:32	0:06	01.7	10.0	01.1	067	35 %	120/80	080	00	
BRUCE/ Stage 1	03:32	3:00	01.7	10.0	04.7	105	55 %	125/85	131	00	
BRUCE/ Stage 2	06:32	3:00	02.5	12.0	07.1	133	70 %	130/90	172	00	
BRUCE/ Stage 3	09:32	3:00	03.4	14.0	10.2	164	86 %	135/95	221	00	
PeakEx	09:42	0:10	04.2	16.0	10.4	162	85 %	135/95	218	00	
Recovery	10:41	1:00	01.1	00.0	04.3	138	73 %	130/90	179	00	
Recovery	11:41	2:00	01.1	00.0	01.0	126	66 %	125/85	157	00	
Recovery	12:51	3:09	01.1	00.0	01.0	118	62 %	120/80	141	00	

Findings :

Exercise Time : 09:11
Max HR Attained : 164 bpm 86% of Target 190
Max BP Attained : (Sys) 135/95
Max WorkLoad Attained : 10.4 Good response to induced stress
Max ST Dep Lead & Value : V1 & -0.9 mm in Warm Up mm
Test End Reasons : Test Complete

Report :

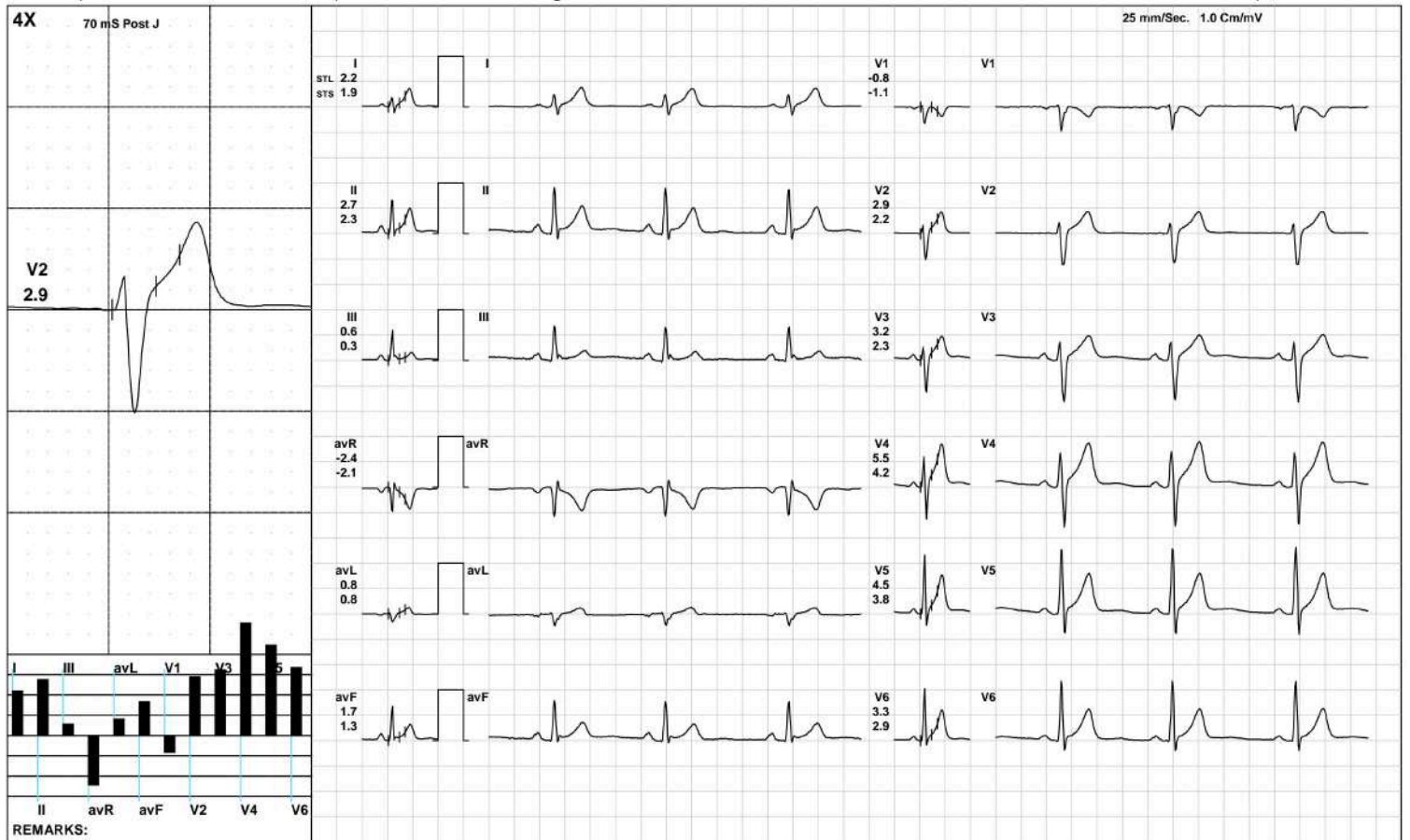
3173 / PALLAW KUMAR / 30 Yrs / M / 174 Cms / 73 Kg / HR : 65

Supine



Date: 21-Sep-2024 11:13:45 AM METS: 1.0/ 65 bpm 34% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:05 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

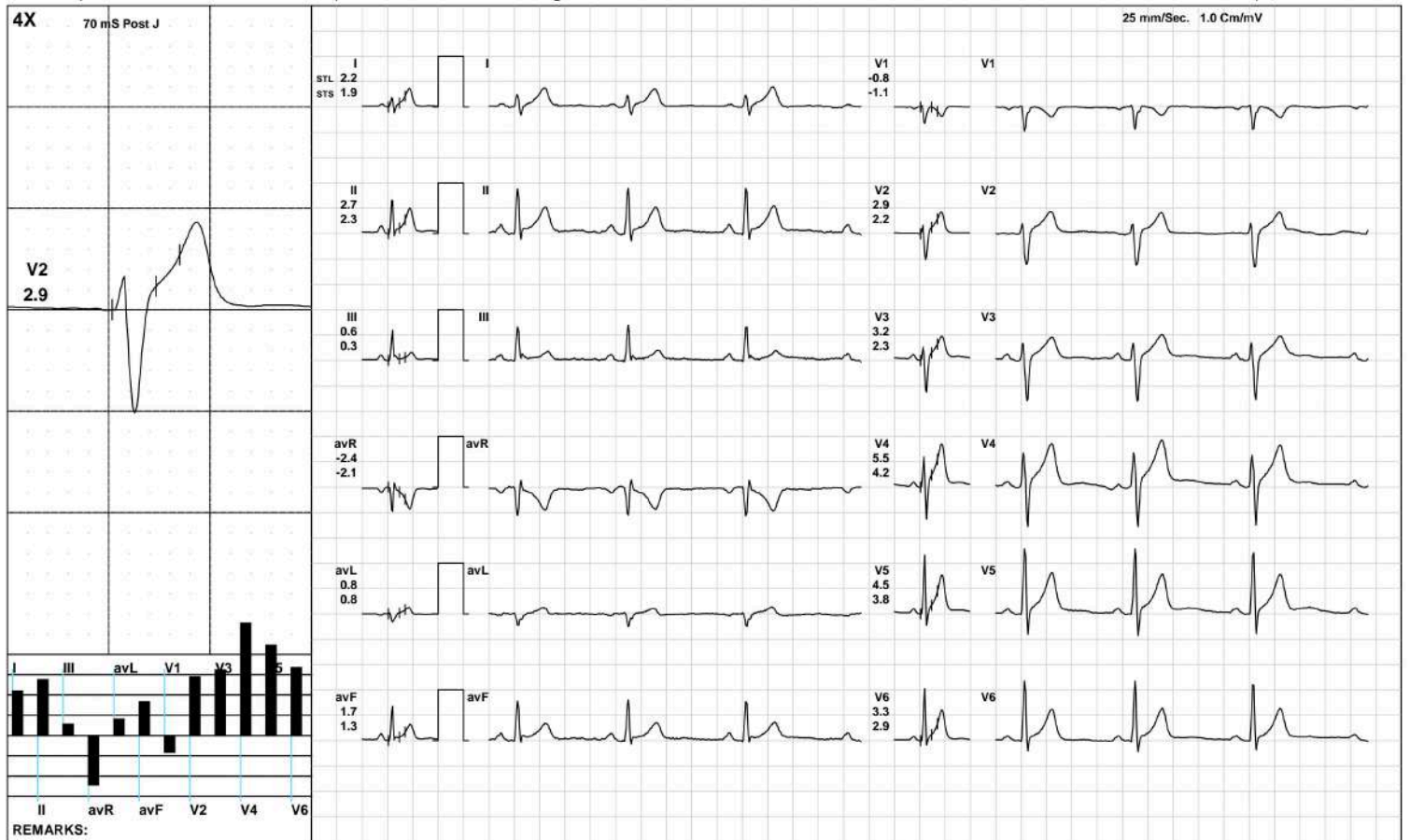
3173 / PALLAW KUMAR / 30 Yrs / M / 174 Cms / 73 Kg / HR : 64

Standing



Date: 21-Sep-2024 11:13:45 AM METS: 1.0/ 64 bpm 33% 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%

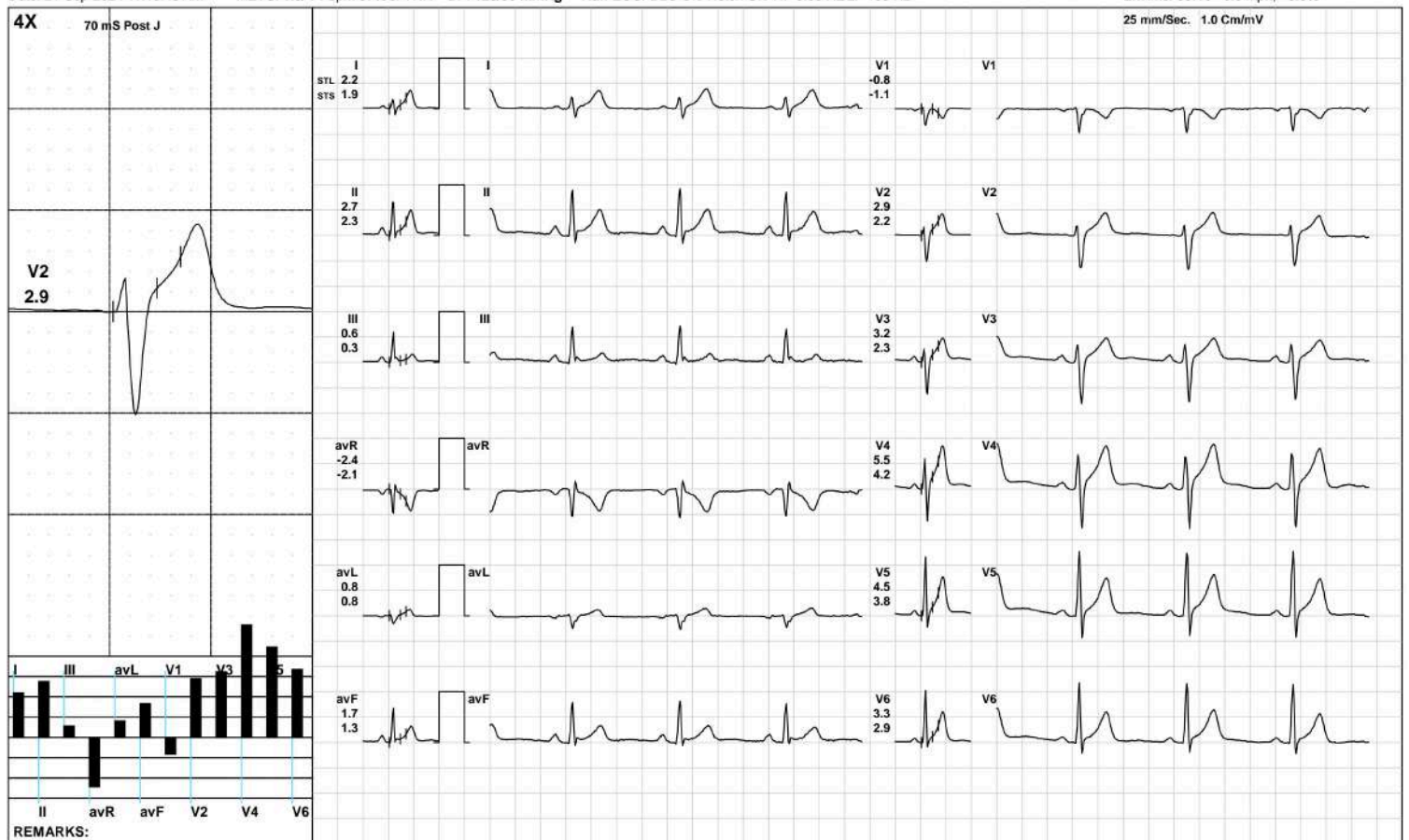


(GEM212170906)(R)Kardic by Allengers

3173 / PALLAW KUMAR / 30 Yrs / M / 174 Cms / 73 Kg / HR : 71

Date: 21-Sep-2024 11:13:45 AM METS: 1.0/ 71 bpm 37% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:16 0.0 mph, 0.0%



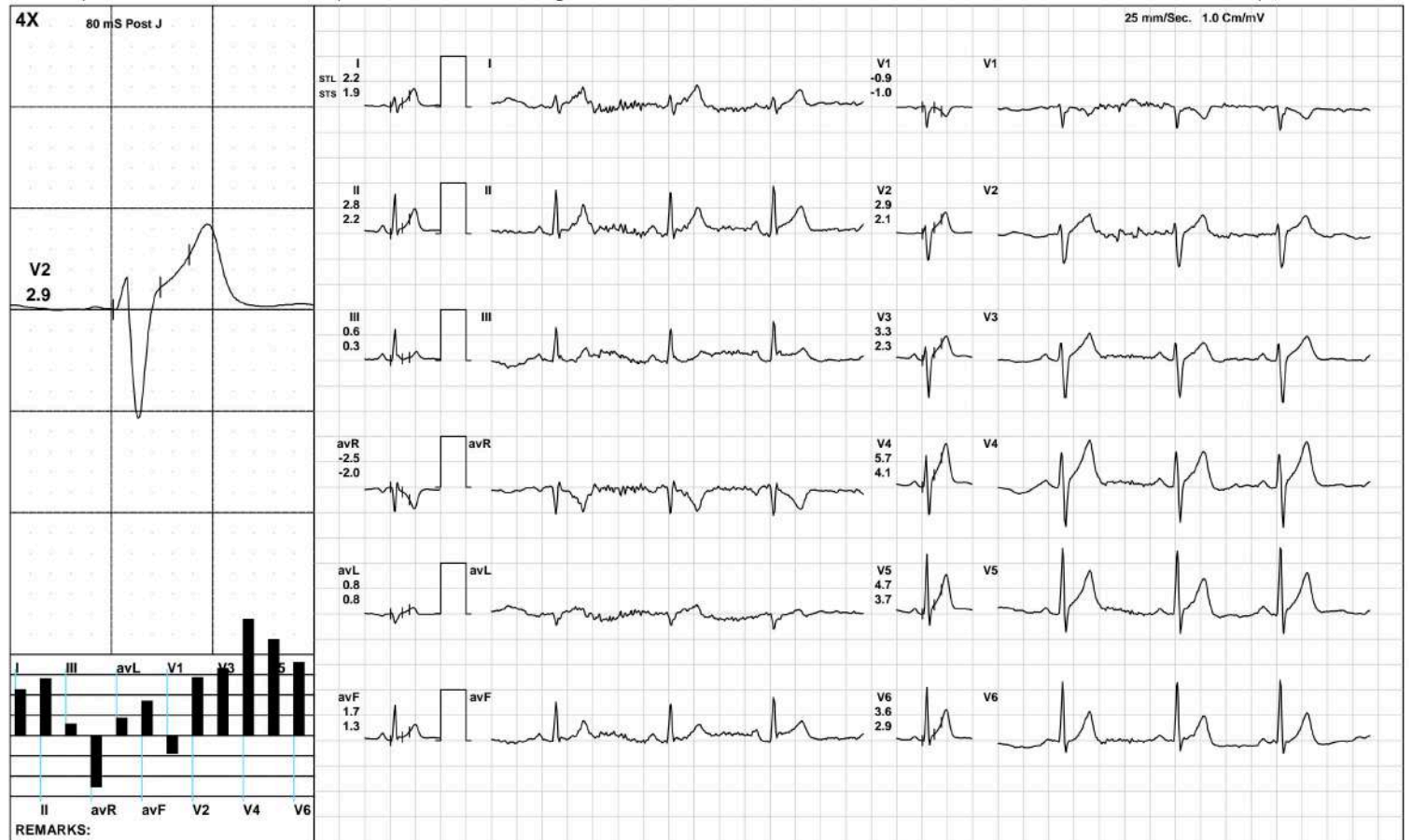
Warm Up



3173 / PALLAW KUMAR / 30 Yrs / M / 174 Cms / 73 Kg / HR : 68

Date: 21-Sep-2024 11:13:45 AM METS: 1.0/ 68 bpm 35% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:22 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

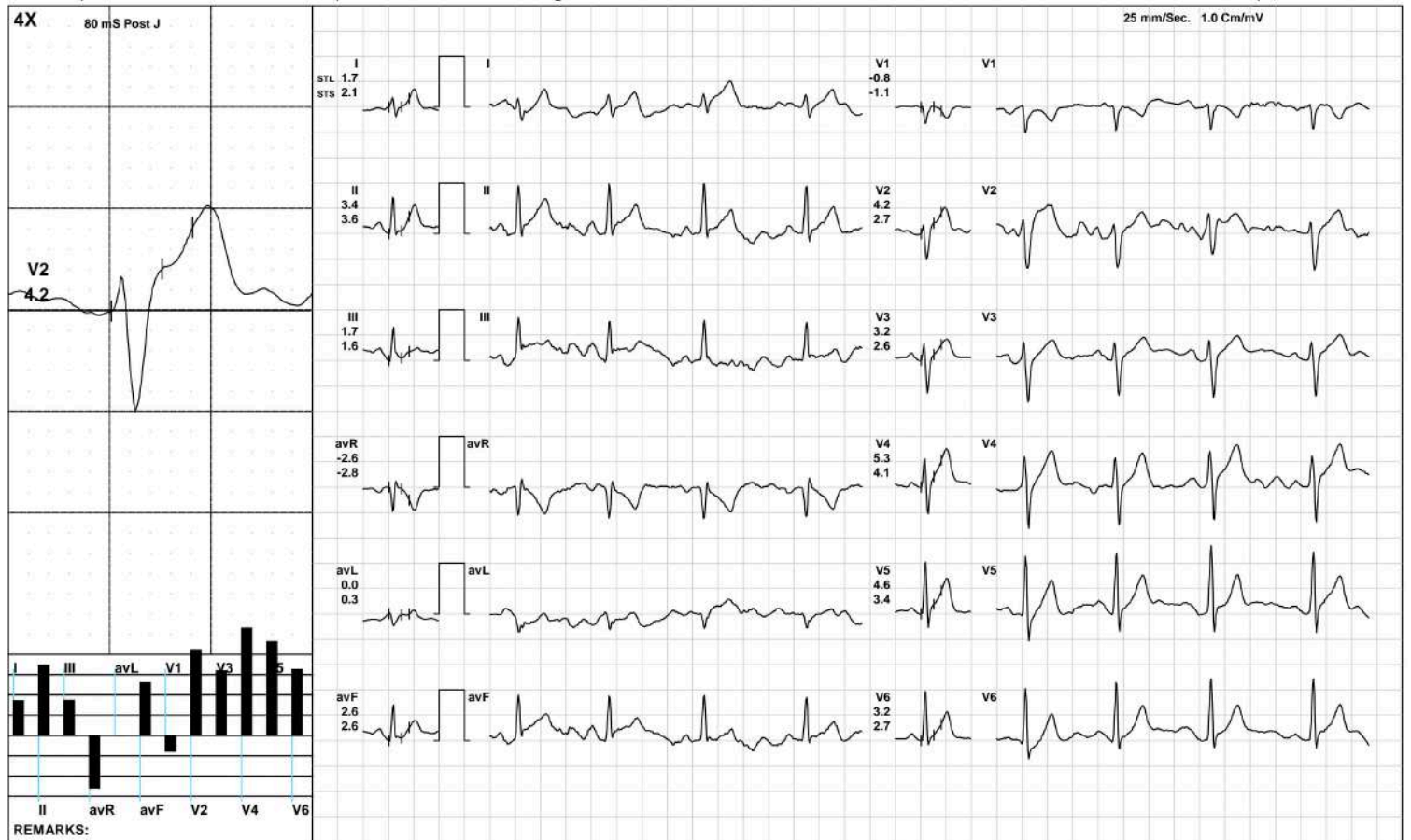
ExStart



3173 / PALLAW KUMAR / 30 Yrs / M / 174 Cms / 73 Kg / HR : 67

Date: 21-Sep-2024 11:13:45 AM METS: 1.1/ 67 bpm 35% 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

BRUCE/:Stage 1(3:00)



3173 / PALLAW KUMAR / 30 Yrs / M / 174 Cms / 73 Kg / HR : 105

Date: 21-Sep-2024 11:13:45 AM METS: 4.7/ 105 bpm 55% 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

3173 / PALLAW KUMAR / 30 Yrs / M / 174 Cms / 73 Kg / HR : 133

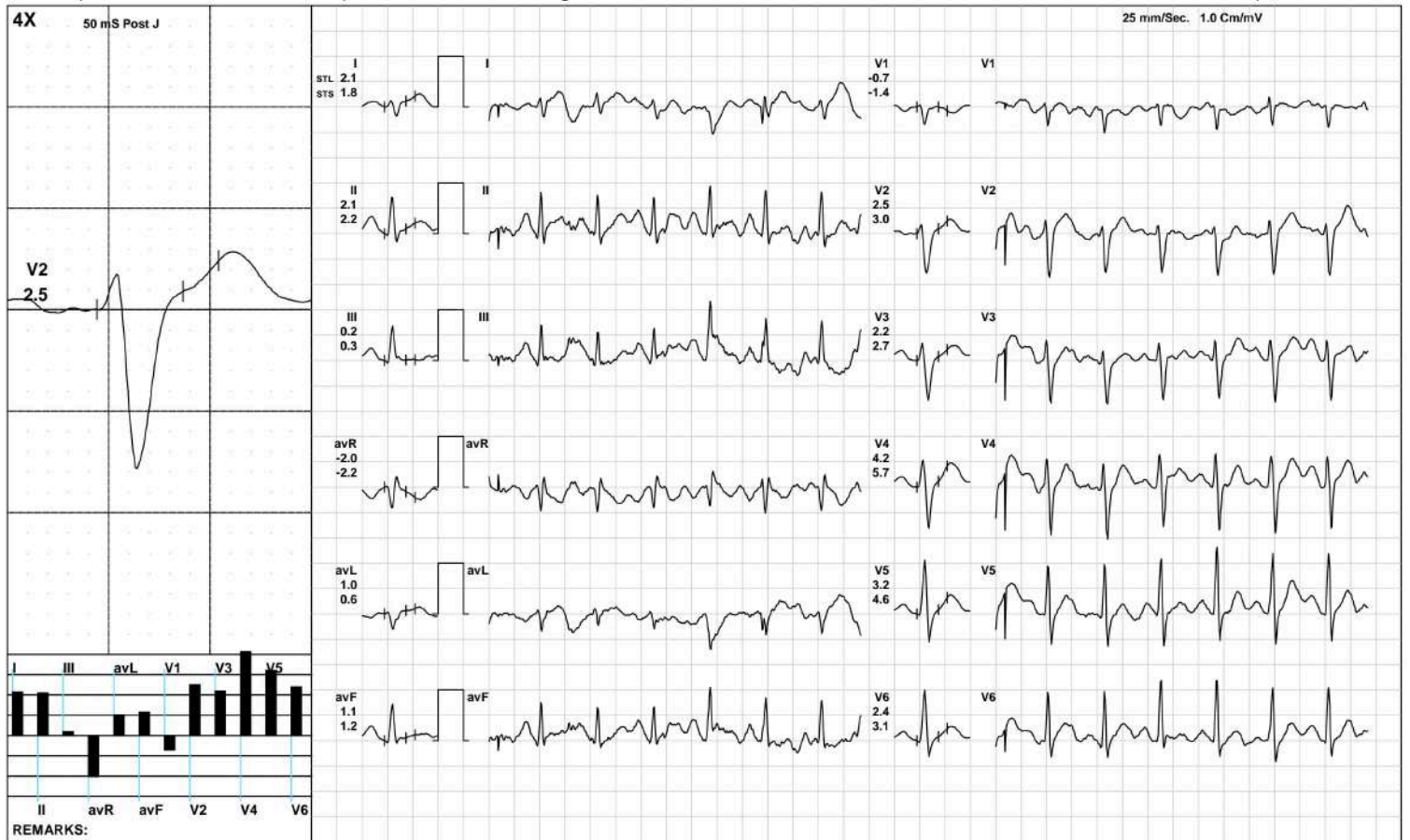
BRUCE/:Stage 2(3:00)



Date: 21-Sep-2024 11:13:45 AM

METS: 7.1/ 133 bpm 70% 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%



(GEM212170906)(R)Kardic by Allengers

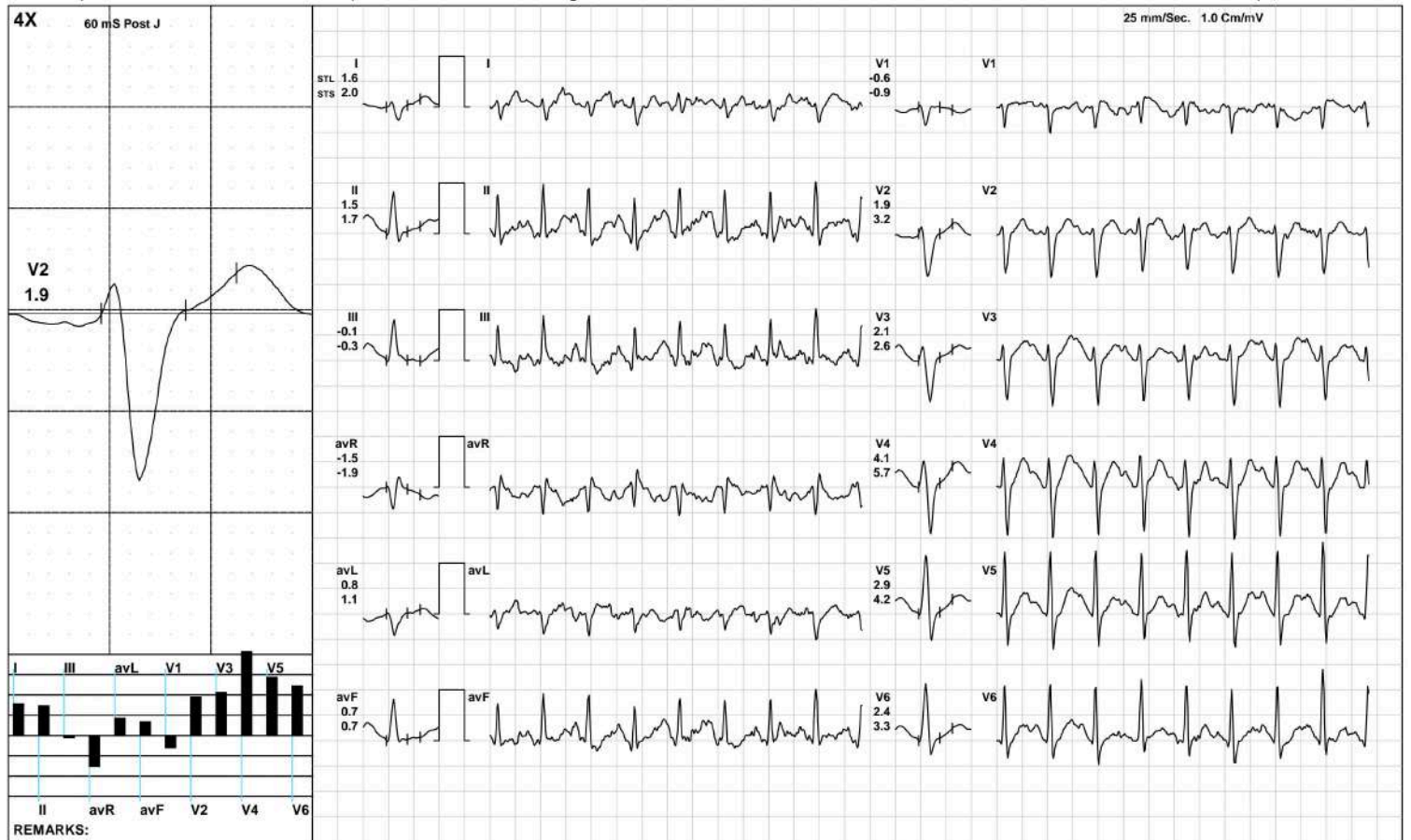
BRUCE:/Stage 3(3:00)



3173 / PALLAW KUMAR / 30 Yrs / M / 174 Cms / 73 Kg / HR : 164

Date: 21-Sep-2024 11:13:45 AM METS: 10.2/ 164 bpm 86% of THR BP: 135/95 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:00 3.4 mph, 14.0%



(GEM212170906)(R)Kardic by Allengers

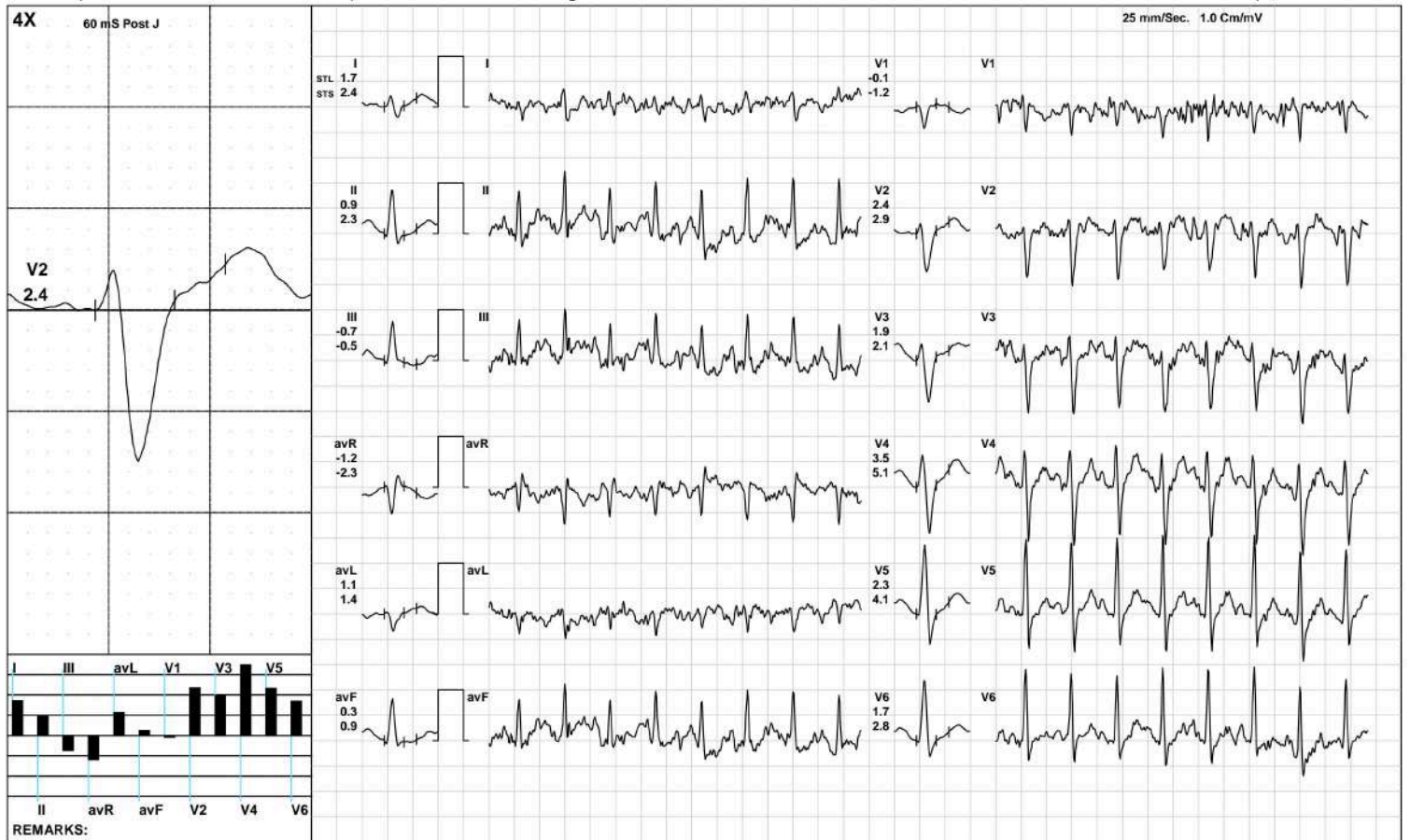
3173 / PALLAW KUMAR / 30 Yrs / M / 174 Cms / 73 Kg / HR : 162

PeakEx



Date: 21-Sep-2024 11:13:45 AM METS: 10.4/ 162 bpm 85% of THR BP: 135/95 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:10 4.2 mph, 16.0%



(GEM212170906)(R)Kardic by Allengers

3173 / PALLAW KUMAR / 30 Yrs / M / 174 Cms / 73 Kg / HR : 138

Recovery(1:00)



Date: 21-Sep-2024 11:13:45 AM

METS: 4.3/ 138 bpm 72% of THR BP: 130/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:11 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

3173 / PALLAW KUMAR / 30 Yrs / M / 174 Cms / 73 Kg / HR : 126

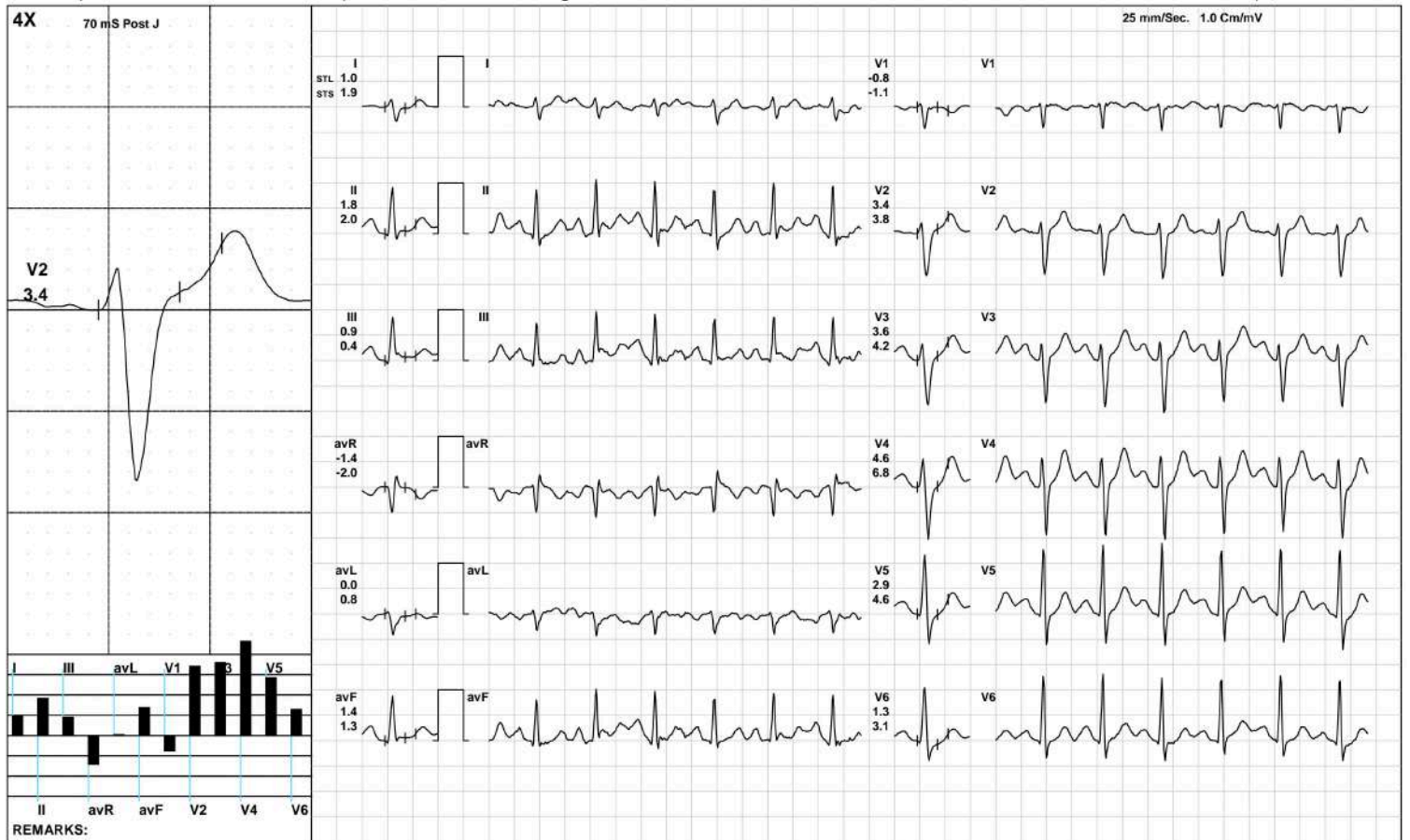
Recovery(2:00)



Date: 21-Sep-2024 11:13:45 AM

METS: 1.0/ 126 bpm 66% of THR BP: 125/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:11 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

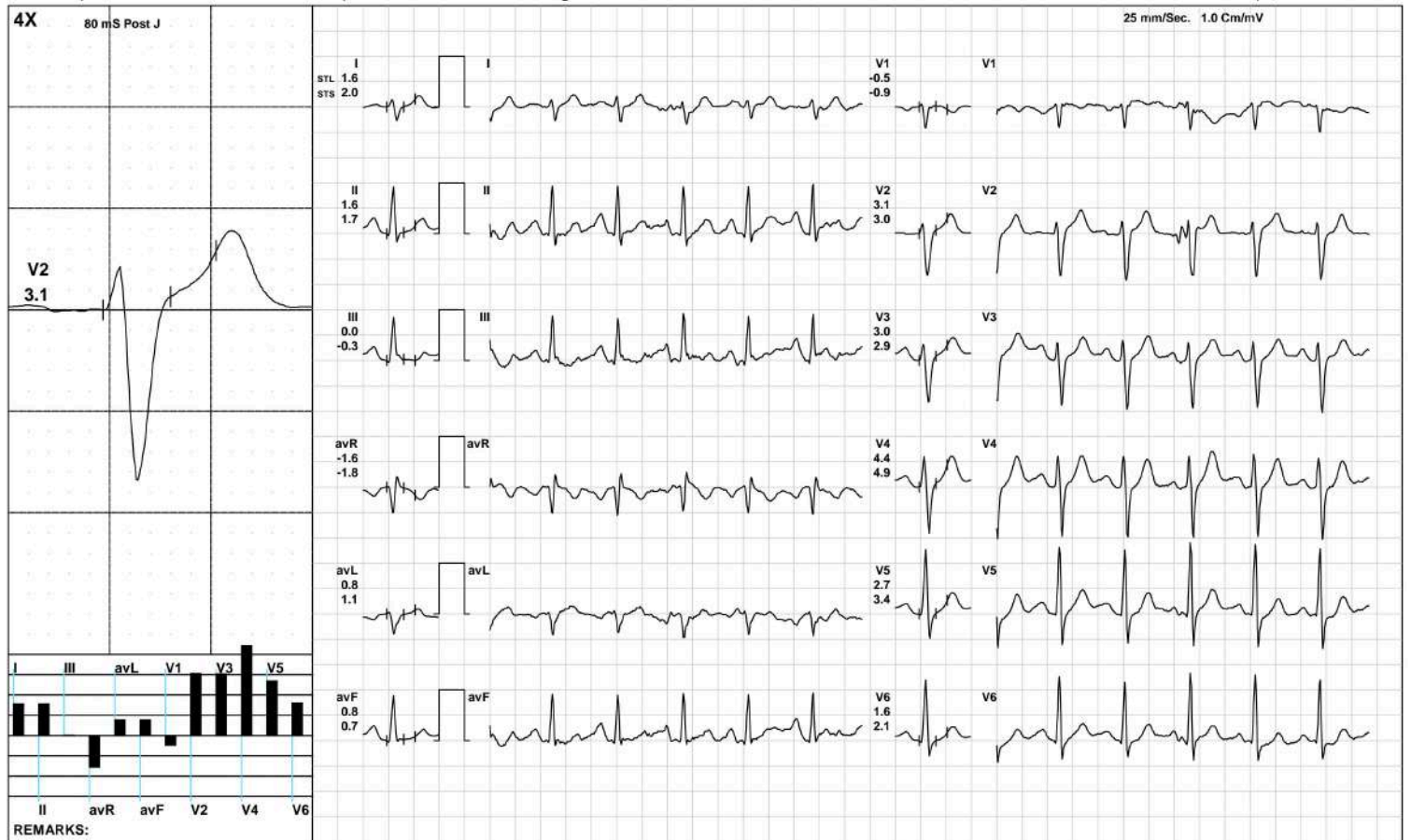
Recovery(3:09)



3173 / PALLAW KUMAR / 30 Yrs / M / 174 Cms / 73 Kg / HR : 118

Date: 21-Sep-2024 11:13:45 AM METS: 1.0/ 118 bpm 62% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:11 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

ST Measurements



3173 / PALLAW KUMAR / 30 Yrs / M / 174 Cms / 73 Kg / HR : 71

Date: 21-Sep-2024 11:13:45 AM

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	2.2	2.7	0.6	-2.4	0.8	1.7	-0.8	2.9	3.2	5.5	4.5	3.3	1.9	2.3	0.3	-2.1	0.8	1.3	-1.1	2.2	2.3	4.2	3.8	2.9	
80 @mS Standing	2.2	2.7	0.6	-2.4	0.8	1.7	-0.8	2.9	3.2	5.5	4.5	3.3	1.9	2.3	0.3	-2.1	0.8	1.3	-1.1	2.2	2.3	4.2	3.8	2.9	
HV	2.2	2.7	0.6	-2.4	0.8	1.7	-0.8	2.9	3.2	5.5	4.5	3.3	1.9	2.3	0.3	-2.1	0.8	1.3	-1.1	2.2	2.3	4.2	3.8	2.9	
Warm Up	2.2	2.8	0.6	-2.5	0.8	1.7	-0.9	2.9	3.3	5.7	4.7	3.6	1.9	2.2	0.3	-2.0	0.8	1.3	-1.0	2.1	2.3	4.1	3.7	2.9	
ExStart	1.7	3.4	1.7	-2.6	0.0	2.6	-0.8	4.2	3.2	5.3	4.6	3.2	2.1	3.6	1.6	-2.8	0.3	2.6	-1.1	2.7	2.6	4.1	3.4	2.7	
Stage 1	2.2	2.5	0.3	-2.4	1.0	1.4	-0.8	3.2	3.3	5.5	4.6	3.6	2.6	2.4	0.0	-2.5	1.3	1.1	-1.2	3.4	2.8	5.3	4.4	3.5	
Stage 2	2.1	2.1	0.2	-2.0	1.0	1.1	-0.7	2.5	2.2	4.2	3.2	2.4	1.8	2.2	0.3	-2.2	0.6	1.2	-1.4	3.0	2.7	5.7	4.6	3.1	
Stage 3	1.6	1.5	-0.1	-1.5	0.8	0.7	-0.6	1.9	2.1	4.1	2.9	2.4	2.0	1.7	-0.3	-1.9	1.1	0.7	-0.9	3.2	2.6	5.7	4.2	3.3	
PeakEx	1.7	0.9	-0.7	-1.2	1.1	0.3	-0.1	2.4	1.9	3.5	2.3	1.7	2.4	2.3	-0.5	-2.3	1.4	0.9	-1.2	2.9	2.1	5.1	4.1	2.8	
Recovery	1.8	1.8	0.1	-1.8	0.8	1.0	-0.5	2.9	3.4	5.2	3.6	2.3	2.6	2.9	0.2	-2.7	1.2	1.6	-1.4	3.3	4.0	6.9	5.3	3.7	
Recovery	1.2	2.0	0.8	-1.6	0.2	1.4	-0.8	3.1	3.5	5.2	3.2	2.0	1.6	2.0	0.4	-1.8	0.6	1.2	-1.2	3.2	3.7	5.9	4.1	2.8	
Recovery	1.6	1.4	-0.3	-1.5	0.9	0.6	-0.8	3.1	3.1	4.5	2.9	1.8	2.0	2.0	-0.1	-2.0	1.0	1.0	-1.2	3.2	3.1	5.3	3.6	2.4	
					I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6									

		I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STI(μ Vs)	Supine	15.5	21.9	6.4	-18.6	4.6	14.1	-6.4	19.4	23.5	39.8	33.9	25.6
	Standing	15.5	21.9	6.4	-18.6	4.6	14.1	-6.4	19.4	23.5	39.8	33.9	25.6
	HV	15.5	21.9	6.4	-18.6	4.6	14.1	-6.4	19.4	23.5	39.8	33.9	25.6
	Warm Up	17.2	23.8	6.7	-20.5	5.3	15.3	-7.1	20.9	25.9	44.2	38.1	29.2
	ExStart	14.3	27.3	12.9	-20.7	0.8	20.1	-8.0	28.8	23.8	41.6	36.8	27.7
	Stage 1	11.5	14.5	2.9	-13.0	4.4	8.8	-3.9	16.9	19.7	30.6	26.4	20.1
	Stage 2	8.8	8.5	0.9	-7.9	4.4	4.8	-1.8	9.2	7.9	14.6	11.1	8.7
	Stage 3	5.0	5.4	0.4	-5.2	2.3	2.9	-1.4	4.6	7.3	12.7	8.3	7.9
	PeakEx	5.2	0.1	-4.2	-1.8	4.2	-1.3	2.2	8.1	8.0	11.0	5.6	4.6
	Recovery	5.5	5.9	0.4	-5.7	2.5	3.2	-0.2	10.7	13.3	18.5	11.5	6.8
	Recovery	5.3	10.6	5.3	-7.9	0.1	7.9	-2.7	15.1	18.8	25.0	14.5	8.5
	Recovery	7.4	6.7	-0.7	-7.0	4.0	3.0	-3.2	14.9	16.1	21.0	13.8	8.2

Median Measurement Summary



AAROGYAM DIAGNOSTICS.

3173 / PALLAW KUMAR / 30 Yrs / Male / 174 Cm / 73 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	85	170	88	90	407	206	1242	-780	846	-7	V1	-53	0.00	0	0
01:00	82	152	90	79	418	193	1355	-808	880	-26	V1	-80	0.00	0	0
01:30	99	160	70	85	475	188	1214	-810	804	-9	V1	-91	0.00	0	0
02:00	105	196	90	85	433	217	1247	-800	751	4	V1	-79	0.00	0	0
02:30	103	200	90	85	416	209	1327	-831	706	-4	V1	-79	0.00	0	0
03:00	103	198	90	87	423	251	1283	-872	704	3	V1	-82	0.00	0	0
03:30	103	166	86	90	413	252	1226	-795	654	9	V1	-68	0.00	0	0
04:00	115	160	90	87	453	284	1319	-863	751	5	V1	-84	0.00	0	0
04:30	123	164	68	83	435	336	1170	-869	601	-7	V1	-97	0.00	0	0
05:00	130	144	92	97	449	287	1275	-897	624	8	III	-102	0.00	0	0
05:30	130	142	86	90	428	297	1282	-876	586	30	V1	-42	0.00	0	0
06:00	129	136	88	90	434	341	1179	-942	612	42	III	-120	0.00	0	0
06:30	132	136	92	96	439	332	1063	-915	555	21	V1	-72	0.00	0	0
07:00	147	132	72	90	421	298	1295	-987	502	-67	III	-96	0.00	0	0
07:30	152	110	72	86	434	354	1242	-971	490	26	III	-84	0.00	0	0
08:00	157	118	86	90	409	391	1223	-1028	542	19	III	-56	0.00	0	0
08:30	158	114	88	100	407	334	1198	-948	463	-45	III	-71	0.00	0	0
09:00	161	100	90	100	328	320	1156	-946	462	-77	III	-129	0.00	0	0
09:30	164	96	70	103	427	340	1163	-966	491	-64	III	-70	0.00	0	0
10:00	157	96	70	107	429	355	1014	-1010	513	-65	III	-63	0.00	0	0
10:30	142	110	86	102	417	368	1148	-919	673	-36	III	-40	0.00	0	0
11:00	131	134	88	96	423	386	1249	-978	764	43	V1	-31	0.00	0	0
11:30	125	148	90	99	425	350	1218	-959	763	30	V1	-70	0.00	0	0
12:00	128	156	92	97	445	389	1295	-983	728	-52	III	-86	0.00	0	0
12:30	120	152	94	95	444	335	1338	-1003	635	-16	III	-55	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	21/09/2024	Srl No.	11	Patient Id	2409210011
Name	Mr. PALLAW KUMAR	Age	30 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

AAROGYAM DIAGNOSTICS

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

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www.aarogyamdiagnostics.com

Date	21/09/2024	Srl No. 11	Patient Id 2409210011
Name	Mr. PALLAW KUMAR	Age 30 Yrs.	Sex M
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	13.6	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTE COUNT (TLC)	6,400	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	62	%	40 - 75
LYMPHOCYTE	31	%	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	4.54	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	40.8	%	40 - 54
M C V	89.87	fl.	80 - 100
M C H	29.96	Picogram	27.0 - 31.0
M C H C	33.3	gm/dl	33 - 37
PLATELET COUNT	2.42	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"A"		
RH TYPING	POSITIVE		
BLOOD SUGAR FASTING	84.1	mg/dl	70 - 110
SERUM CREATININE	1.12	mg%	0.7 - 1.4
BLOOD UREA	23.1	mg /dl	15.0 - 45.0
SERUM URIC ACID	4.72	mg%	3.4 - 7.0

LIVER FUNCTION TEST (LFT)



Date	21/09/2024	Srl No. 11	Patient Id 2409210011
Name	Mr. PALLAW KUMAR	Age 30 Yrs.	Sex M
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.68	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.25	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.43	mg/dl	0.00 - 0.70
TOTAL PROTEIN	7.49	gm/dl	6.6 - 8.3
ALBUMIN	4.61	gm/dl	3.4 - 5.2
GLOBULIN	2.88	gm/dl	2.3 - 3.5
A/G RATIO	1.601		
SGOT	37.8	IU/L	5 - 40
SGPT	46.9	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	71.7	U/L	40.0 - 130.0
GAMMA GT	25.0	IU/L	8.0 - 71.0

LFT INTERPRET

LIPID PROFILE

TRIGLYCERIDES	86.3	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	217.8	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	58.9	mg/dL	35.1 - 88.0
V L D L	17.26	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	141.64	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.698		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	2.405		0.00 - 3.55
THYROID PROFILE			
QUANTITY	15	ml.	



Date	21/09/2024	Srl No. 11	Patient Id 2409210011
Name	Mr. PALLAW KUMAR	Age 30 Yrs.	Sex M
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
COLOUR	PALE YELLOW		
TRANSPARENCY	CLEAR		
SPECIFIC GRAVITY	1.025		
PH	6.0		
ALBUMIN	NIL		
SUGAR	NIL		
MICROSCOPIC EXAMINATION			
PUS CELLS	0-1	/HPF	
RBC'S	NIL	/HPF	
CASTS	NIL		
CRYSTALS	NIL		
EPITHELIAL CELLS	0-1	/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.



ISO 9001 : 2015

AAROGYAM DIAGNOSTICS

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

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www.aarogyamdiagnostics.com

Date 21/09/2024	Srl No. 11	Patient Id 2409210011
Name Mr. PALLAW KUMAR	Age 30 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 ****

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MBBS, MD
CONSULTANT PATHOLOGIST



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 Regd. Of- ce : 5th Floor, Doctor House, Nr. Parimal Garden, Ahmedabad-380006 Gujarat
 CIN: U85195GJ2009PLC057059



40904100594

TEST REPORT

Reg.No : 40904100594	Reg.Date : 22-Sep-2024 15:10	Collection : 22-Sep-2024 15:10
Name : PALLAW KUMAR		Received : 22-Sep-2024 15:10
Age : 30 Years	Sex : Male	Report : 22-Sep-2024 16:08
Referred By : AAROGYAM DIAGNOSTICS @ PATNA		Dispatch : 22-Sep-2024 16:28
Referral Dr : □	Status : Final	Location : 41 - PATNA

Test Name	Results	Units	Bio. Ref. Interval
THYROID FUNCTION TEST			
T3 (triiodothyronine), Total <small>CMIA</small>	0.93	ng/mL	0.70 - 2.04
T4 (Thyroxine), Total <small>CMIA</small>	7.24	µg/dL	4.6 - 10.5
TSH (Thyroid stimulating hormone) <small>CMIA</small>	1.758	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)