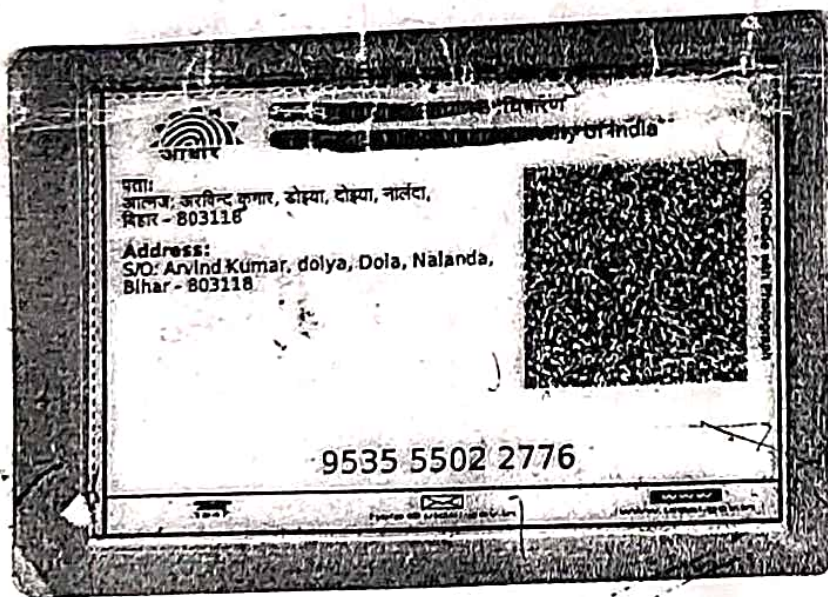


Kadam





BPL-12

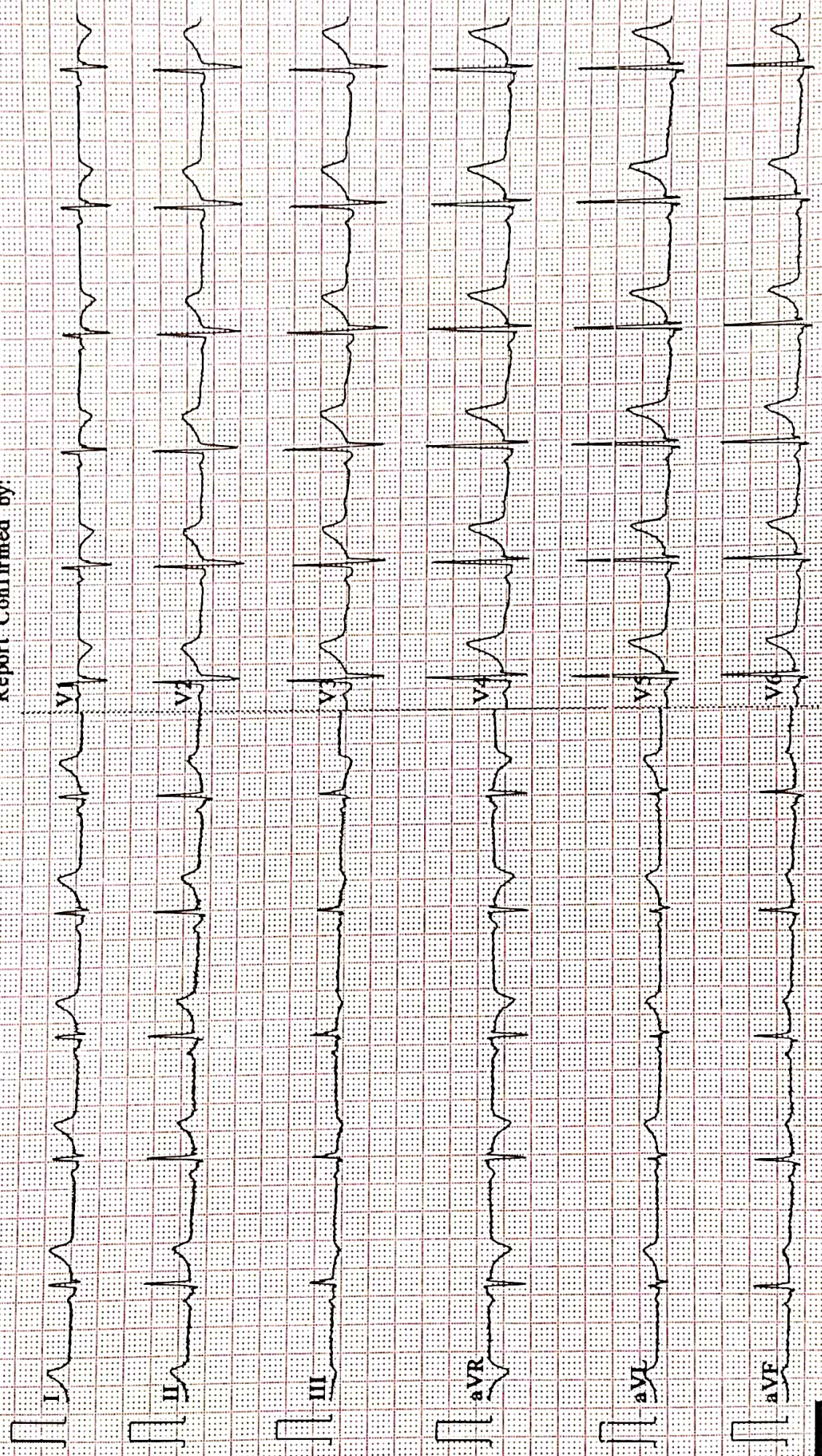
ID: 118  
PANKAJ KUMAR  
Male 39Years

09-08-2022 11:44:45 AM

HR : 68 bpm  
P : 94 ms  
PR : 128 ms  
QRS : 81 ms  
QT/QTc : 367/391 ms  
P/QRS/T : 48/58/20 °  
RV5/SV1 : 1.79/0.55 mV

Diagnosis Information:  
Sinus Rhythm  
Slight ST Elevation (V4, V5)

Ref - Phys :  
Report Confirmed by:







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

Name :- Pankaj Kumar

Age/Sex:39Yrs/M

Refd by :- BOB

Date :-09/08/22

Thanks for referral.

## REPORT OF USG OF WHOLE ABDOMEN

- Liver** :- Normal in size (13.3cm)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 (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 9.8cm.
- U. Bladder**:- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Prostate** :- Normal in size (17cc) & echotexture.
- Others** :- No ascites or abdominal adenopathy is seen.  
No free subphrenic / basal pleural space collection is seen.

**IMPRESSION:-** Normal scan of whole Abdomen.

*Dr. U. Kumar*  
**MBBS, MD (Radio-Diagnosis)**  
**Consultant Radiologist**

**AAROGYAM DIAGNOSTICS**  
**PATNA**

**Report**



(GEM212170906)(R)Kardic by Allengers

1438 / MR. PANKAJ KUMAR / 39 Yrs / M / 161 Cms / 67 Kg Date: 09-Aug-2022

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	80	44 %	120/80	096	00	
Standing	00:11	0:01	00.0	00.0	01.0	83	46 %	120/80	099	00	
HV	00:19	0:01	00.0	00.0	01.0	084	46 %	120/80	100	00	
Warm Up	00:39	0:01	01.0	00.0	01.0	084	46 %	120/80	100	00	
ExStart	01:06	0:06	01.7	10.0	01.1	121	67 %	120/80	145	00	
BRUCE/ Stage 1	04:06	3:00	01.7	10.0	04.7	131	72 %	125/85	163	00	
BRUCE/ Stage 2	07:06	3:00	02.5	12.0	07.1	135	75 %	130/90	175	00	
PeakEx	09:34	2:28	03.4	14.0	09.7	166	92 %	135/95	224	00	
Recovery	10:33	1:00	01.1	00.0	01.2	136	75 %	130/90	176	00	
Recovery	11:33	2:00	01.1	00.0	01.0	121	67 %	125/85	151	00	
Recovery	13:09	3:35	01.1	00.0	01.0	114	63 %	120/80	136	00	

**Findings :**

Exercise Time : 08:29  
 Max HR Attained : 195 bpm 108% of Target 181  
 Max BP Attained : (Sys) 135/95  
 Max WorkLoad Attained : 9.7 Good response to induced stress  
 Max ST Dep Lead & Value : V1 & -1.1 mm in Stage 1 mm  
 Test End Reasons : Test Complete, Test Complete, Test Complete, Test Complete, Test Complete, Test Complete, Test Compl

**Report :**



**AAROGYAM DIAGNOSTICS**

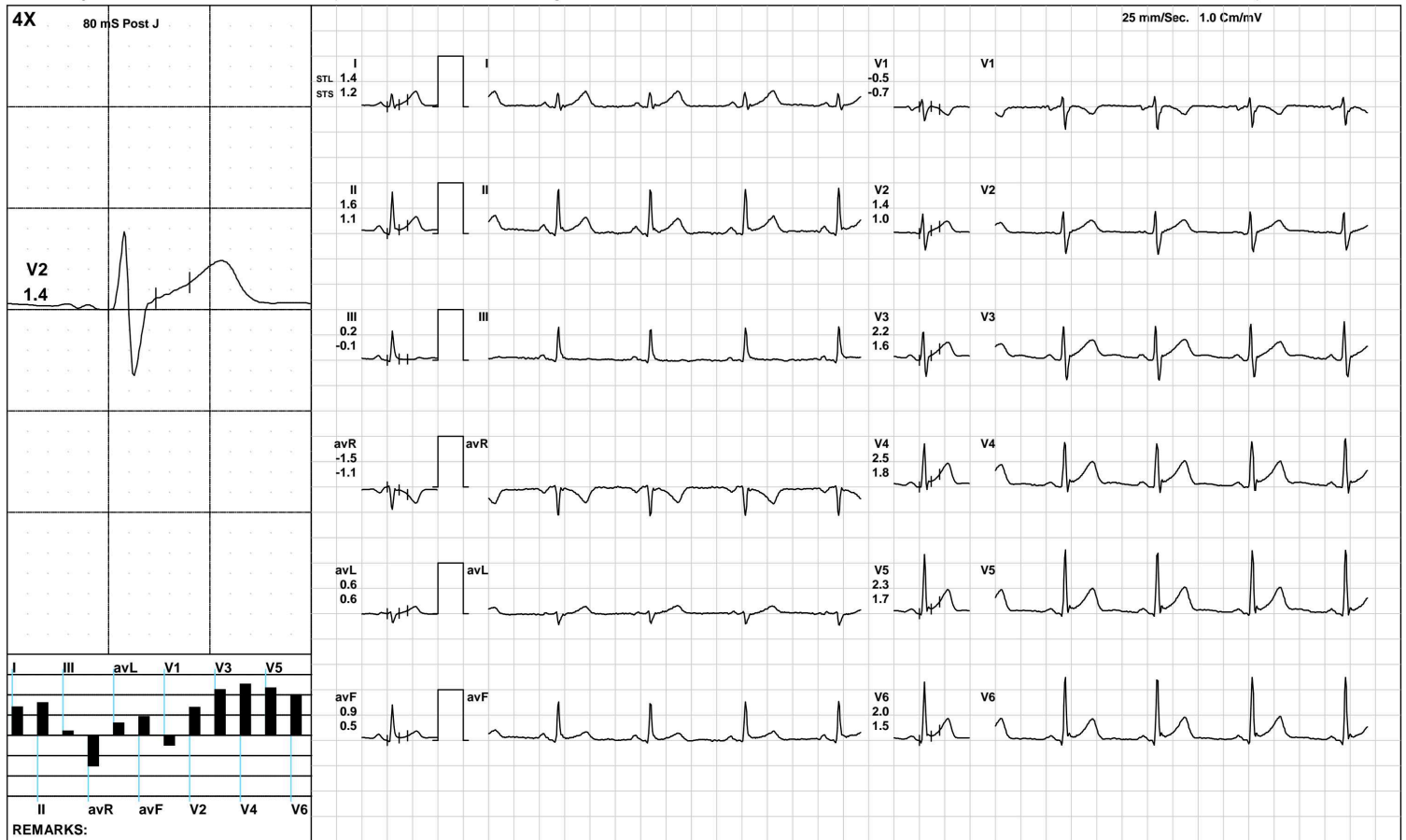
1438 / MR. PANKAJ KUMAR / 39 Yrs / M / 161 Cms / 67 Kg / HR : 80

Supine



Date: 09-Aug-2022 05:26:54 PM METS: 1.0/ 80 bpm 44% 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 DIAGNOSTICS**

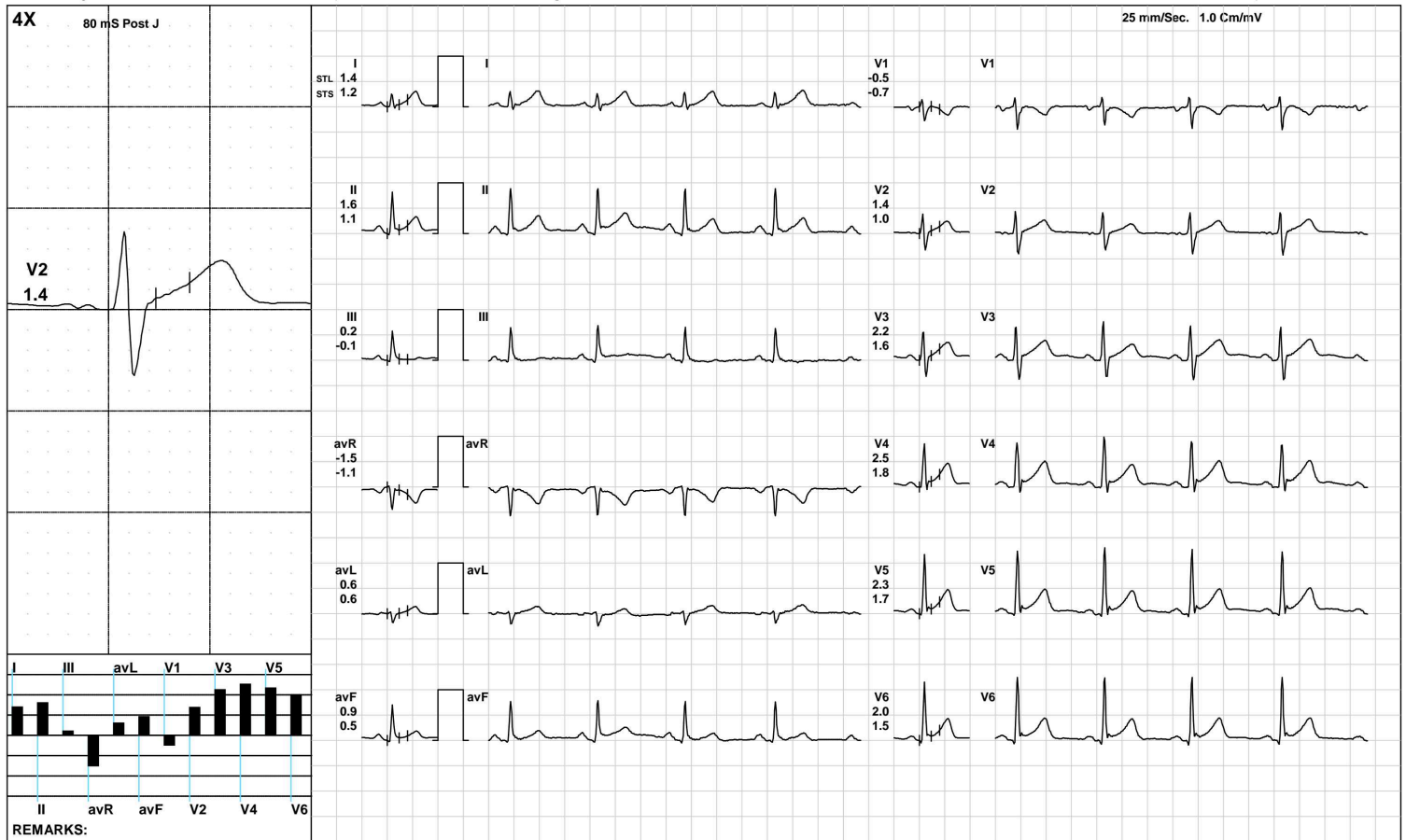
1438 / MR. PANKAJ KUMAR / 39 Yrs / M / 161 Cms / 67 Kg / HR : 83

Standing



Date: 09-Aug-2022 05:26:54 PM METS: 1.0/ 83 bpm 45% 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



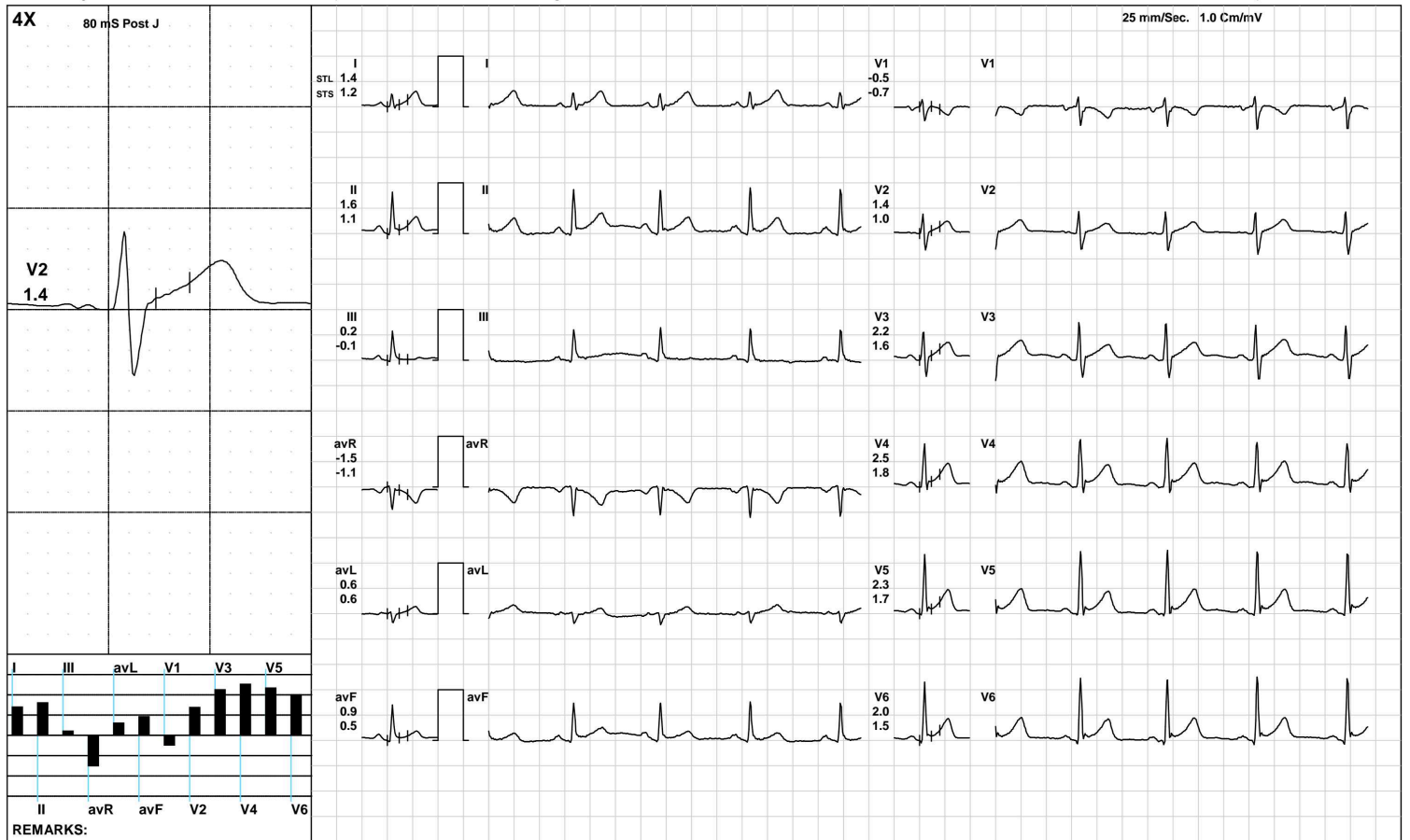
**AAROGYAM DIAGNOSTICS**



1438 / MR. PANKAJ KUMAR / 39 Yrs / M / 161 Cms / 67 Kg / HR : 84

Date: 09-Aug-2022 05:26:54 PM METS: 1.0/ 84 bpm 46% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:19 0.0 mph, 0.0%





**AAROGYAM DIAGNOSTICS**

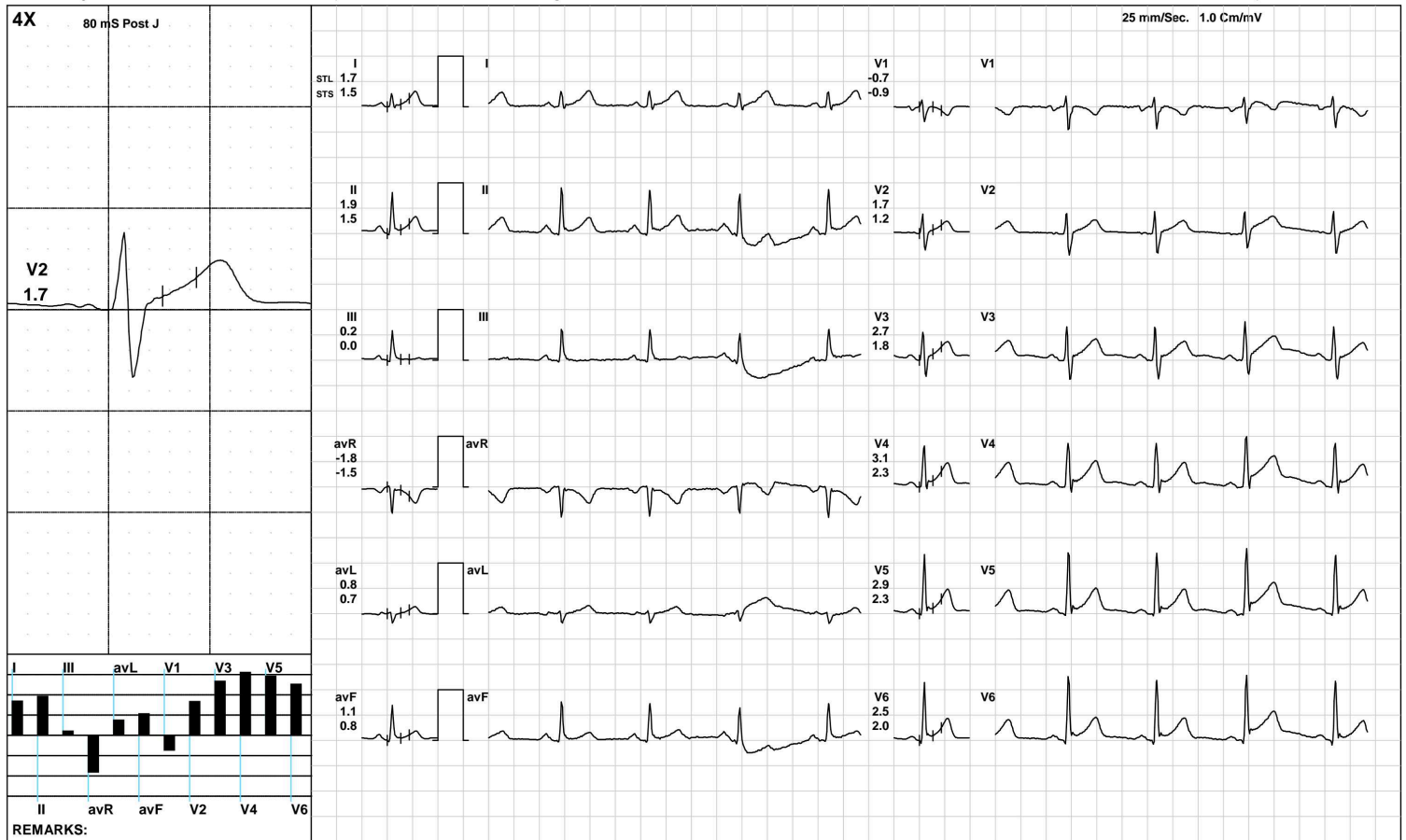
Warm Up



1438 / MR. PANKAJ KUMAR / 39 Yrs / M / 161 Cms / 67 Kg / HR : 84

Date: 09-Aug-2022 05:26:54 PM METS: 1.0/ 84 bpm 46% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:39 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers



**AAROGYAM DIAGNOSTICS**

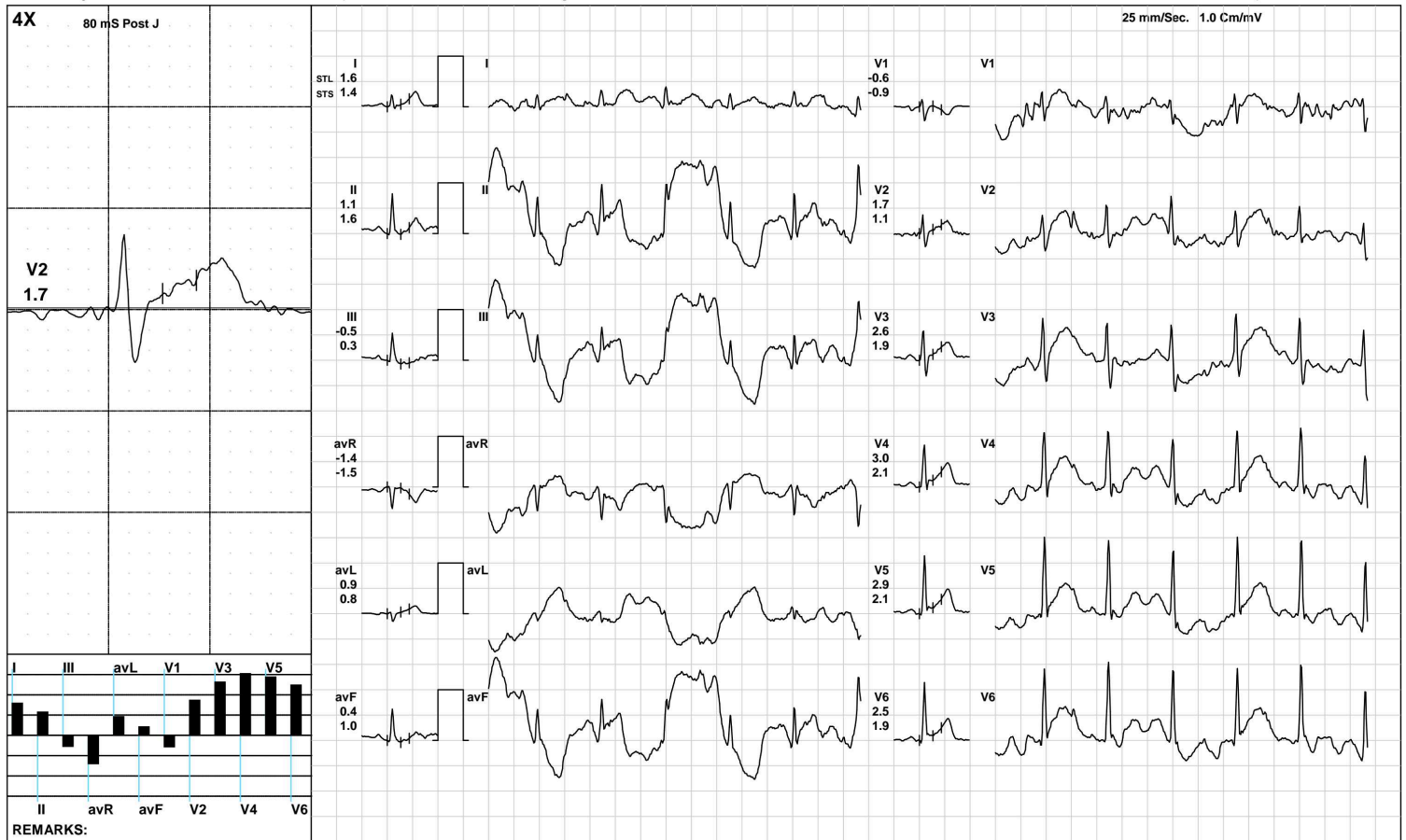
ExStart



1438 / MR. PANKAJ KUMAR / 39 Yrs / M / 161 Cms / 67 Kg / HR : 121

Date: 09-Aug-2022 05:26:54 PM METS: 1.1/ 121 bpm 66% 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 DIAGNOSTICS**

**BRUCE/Stage 1(3:00)**



1438 / MR. PANKAJ KUMAR / 39 Yrs / M / 161 Cms / 67 Kg / HR : 131

Date: 09-Aug-2022 05:26:54 PM METS: 4.7/ 131 bpm 72% 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%





**AAROGYAM DIAGNOSTICS**

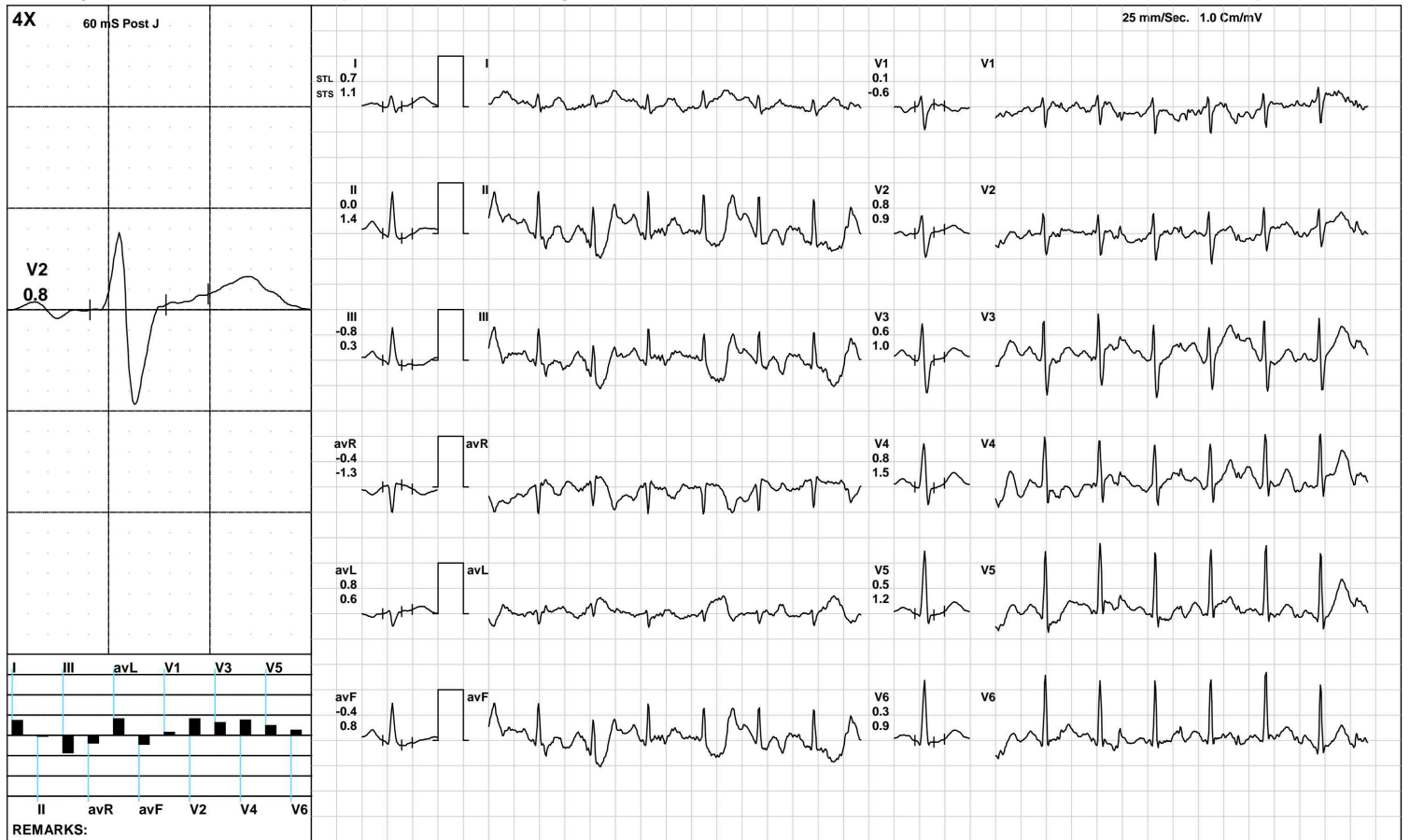
**BRUCE/Stage 2(3:00)**



1438 / MR. PANKAJ KUMAR / 39 Yrs / M / 161 Cms / 67 Kg / HR : 135

Date: 09-Aug-2022 05:26:54 PM METS: 7.1/ 135 bpm 74% 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 DIAGNOSTICS**

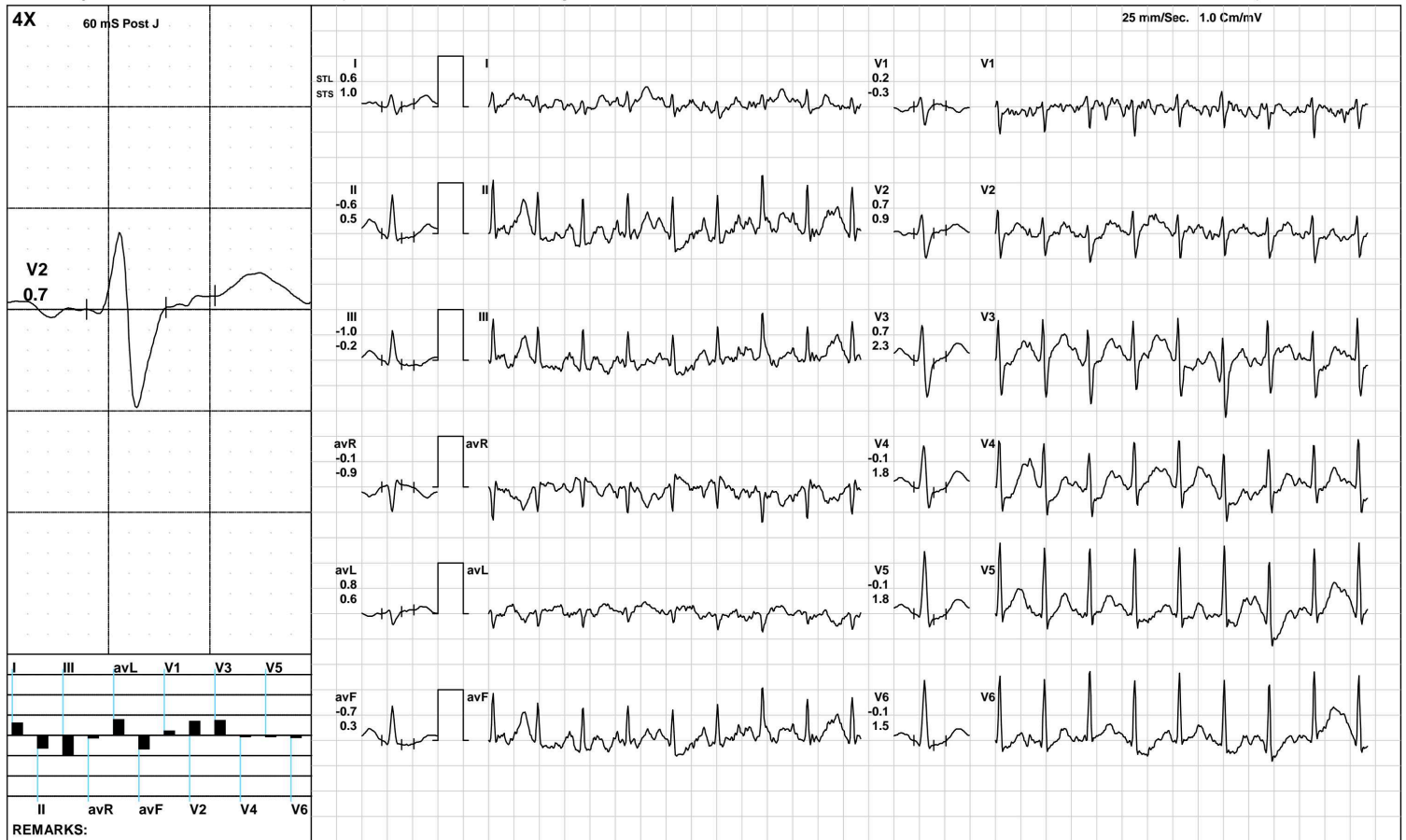
**PeakEx**



1438 / MR. PANKAJ KUMAR / 39 Yrs / M / 161 Cms / 67 Kg / HR : 166

Date: 09-Aug-2022 05:26:54 PM METS: 9.7/ 166 bpm 91% of THR BP: 135/95 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:28 3.4 mph, 14.0%



(GEM212170906)(R)Kardic by Allengers



**AAROGYAM DIAGNOSTICS**

Recovery(1:00)



1438 / MR. PANKAJ KUMAR / 39 Yrs / M / 161 Cms / 67 Kg / HR : 136

Date: 09-Aug-2022 05:26:54 PM METS: 1.2/ 136 bpm 75% of THR BP: 130/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:29 1.1 mph, 0.0%



**AAROGYAM DIAGNOSTICS**

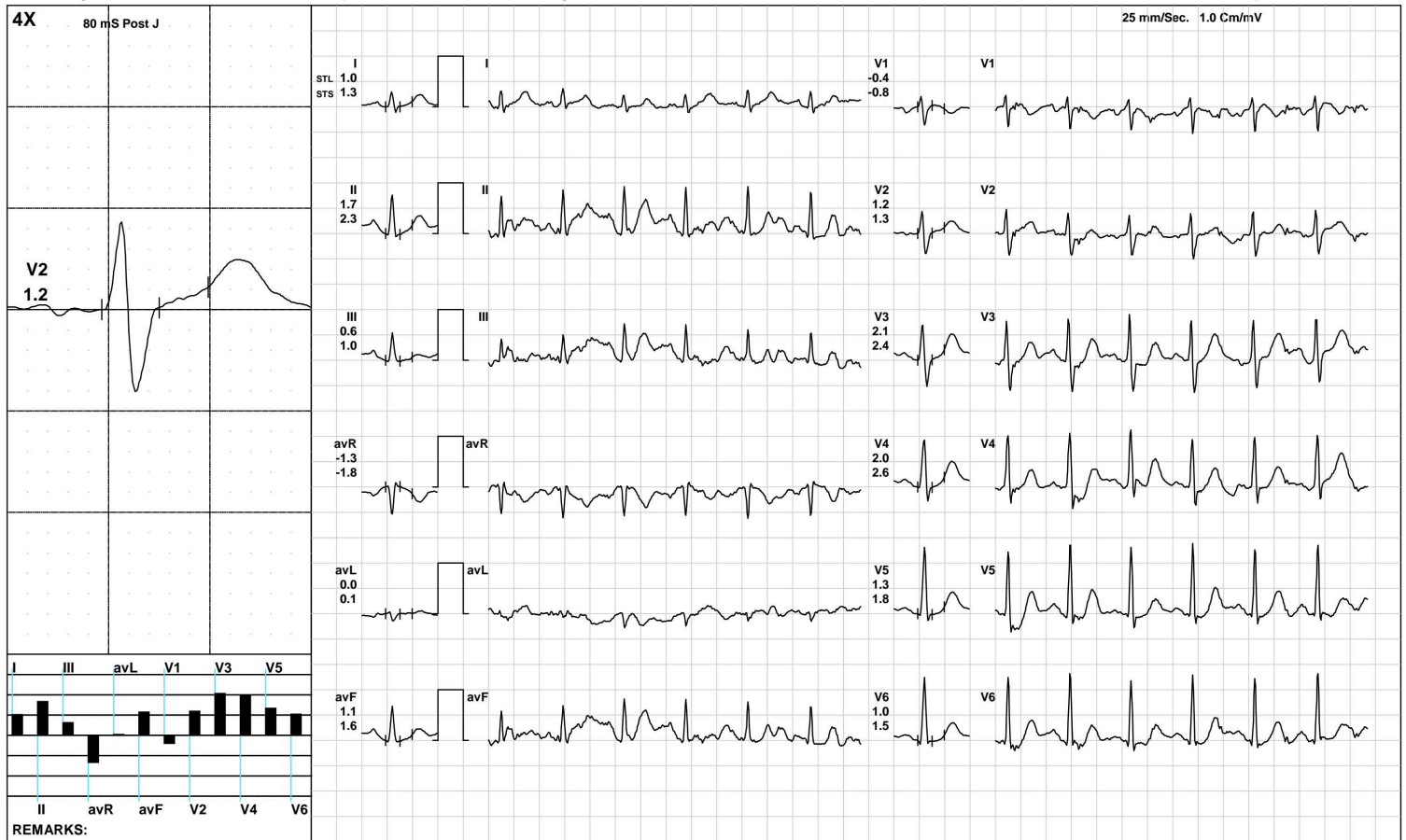
Recovery(2:00)



1438 / MR. PANKAJ KUMAR / 39 Yrs / M / 161 Cms / 67 Kg / HR : 121

Date: 09-Aug-2022 05:26:54 PM METS: 1.0/ 121 bpm 66% of THR BP: 125/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:29 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers



**AAROGYAM DIAGNOSTICS**

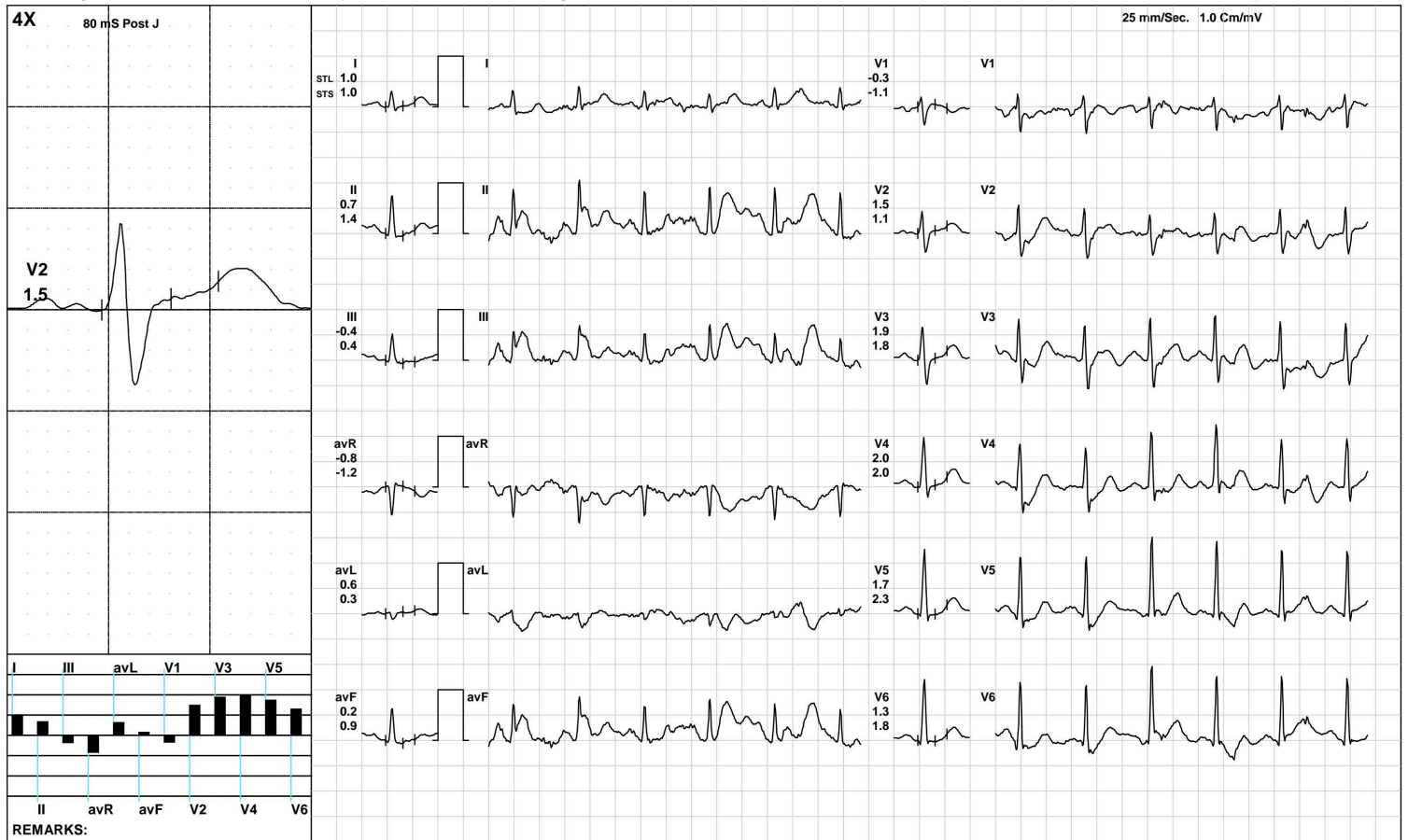
**Recovery(3:35)**



1438 / MR. PANKAJ KUMAR / 39 Yrs / M / 161 Cms / 67 Kg / HR : 114

Date: 09-Aug-2022 05:26:54 PM METS: 1.0/ 114 bpm 62% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 08:29 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

**ST Measurements**



1438 / MR. PANKAJ KUMAR / 39 Yrs / M / 161 Cms / 67 Kg / HR : 84

Date: 09-Aug-2022 05:26:54 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	1.4	1.6	0.2	-1.5	0.6	0.9	-0.5	1.4	2.2	2.5	2.3	2.0	1.2	1.1	-0.1	-1.1	0.6	0.5	-0.7	1.0	1.6	1.8	1.7	1.5	
80 @mS Standing	1.4	1.6	0.2	-1.5	0.6	0.9	-0.5	1.4	2.2	2.5	2.3	2.0	1.2	1.1	-0.1	-1.1	0.6	0.5	-0.7	1.0	1.6	1.8	1.7	1.5	
HV	1.4	1.6	0.2	-1.5	0.6	0.9	-0.5	1.4	2.2	2.5	2.3	2.0	1.2	1.1	-0.1	-1.1	0.6	0.5	-0.7	1.0	1.6	1.8	1.7	1.5	
Warm Up	1.7	1.9	0.2	-1.8	0.8	1.1	-0.7	1.7	2.7	3.1	2.9	2.5	1.5	1.5	0.0	-1.5	0.7	0.8	-0.9	1.2	1.8	2.3	2.3	2.0	
ExStart	1.6	1.1	-0.5	-1.4	0.9	0.4	-0.6	1.7	2.6	3.0	2.9	2.5	1.4	1.6	0.3	-1.5	0.8	1.0	-0.9	1.1	1.9	2.1	2.1	1.9	
Stage 1	1.3	1.3	0.0	-1.3	0.5	0.7	-1.1	0.8	2.2	1.3	1.1	1.1	1.5	1.7	0.2	-1.6	0.8	0.9	-0.9	1.2	2.5	2.7	2.3	2.0	
Stage 2	0.7	0.0	-0.8	-0.4	0.8	-0.4	0.1	0.8	0.6	0.8	0.5	0.3	1.1	1.4	0.3	-1.3	0.6	0.8	-0.6	0.9	1.0	1.5	1.2	0.9	
PeakEx	0.6	-0.6	-1.0	-0.1	0.8	-0.7	0.2	0.7	0.7	-0.1	-0.1	-0.1	1.0	0.5	-0.2	-0.9	0.6	0.3	-0.3	0.9	2.3	1.8	1.8	1.5	
Recovery	1.2	0.8	-0.4	-1.0	0.9	0.2	-0.2	1.3	2.5	1.9	1.9	1.3	1.7	1.9	0.2	-1.8	0.7	1.0	-0.9	1.6	3.5	3.3	3.3	2.7	
Recovery	1.0	1.7	0.6	-1.3	0.0	1.1	-0.4	1.2	2.1	2.0	1.3	1.0	1.3	2.3	1.0	-1.8	0.1	1.6	-0.8	1.3	2.4	2.6	1.8	1.5	
Recovery	1.0	0.7	-0.4	-0.8	0.6	0.2	-0.3	1.5	1.9	2.0	1.7	1.3	1.0	1.4	0.4	-1.2	0.3	0.9	-1.1	1.1	1.8	2.0	2.3	1.8	

	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STI(μVs)												
Supine	12.5	14.0	1.7	-13.2	5.4	7.9	-4.9	11.7	18.0	21.4	20.5	17.9
Standing	12.5	14.0	1.7	-13.2	5.4	7.9	-4.9	11.7	18.0	21.4	20.5	17.9
HV	12.5	14.0	1.7	-13.2	5.4	7.9	-4.9	11.7	18.0	21.4	20.5	17.9
Warm Up	14.1	16.1	2.0	-15.1	6.1	9.1	-6.3	13.0	20.6	24.7	23.8	20.9
ExStart	13.2	10.7	-3.3	-12.3	7.5	4.5	-5.4	13.3	19.9	24.7	24.0	20.6
Stage 1	5.7	4.4	-1.4	-4.9	2.1	1.4	-5.1	1.9	9.9	1.6	0.6	1.3
Stage 2	2.2	-3.0	-5.6	0.2	3.8	-4.2	2.0	3.3	2.1	1.6	0.6	-0.4
PeakEx	1.6	-4.8	-5.8	1.2	3.7	-5.0	2.4	2.6	0.7	-3.9	-4.0	-3.8
Recovery	4.0	0.9	-3.1	-2.4	3.8	-1.1	0.8	4.9	8.7	5.0	5.1	2.9
Recovery	5.8	8.3	2.5	-7.1	0.6	5.5	-0.9	7.2	11.7	10.2	6.5	4.8
Recovery	5.8	3.7	-2.2	-4.8	3.6	0.8	-0.8	9.0	10.5	11.1	8.0	6.0



PATNA

1438 / MR. PANKAJ KUMAR / 39 Yrs / Male / 161 Cm / 67 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 J (μV)	JRR Var (%)	VEB (Counts)	Missed Beats (Counts)
00 : 30	84	244	60	75	428	152	1211	-571	482	55	III	-38	0.00	0	0
01 : 00	122	110	58	77	357	235	1349	-565	380	-131	V1	-56	0.00	0	0
01 : 30	133	124	76	75	448	402	1285	-561	408	-45	avL	-81	0.00	0	0
02 : 00	138	138	72	60	452	410	1241	-625	505	-112	V3	-84	0.00	0	0
02 : 30	140	138	78	64	305	393	1247	-706	-428	-289	avF	-407	0.00	0	0
03 : 00	129	140	76	74	436	334	1326	-616	430	-180	avF	-123	0.00	0	0
03 : 30	132	140	70	78	438	332	1281	-658	453	-38	III	-116	0.00	0	0
04 : 00	132	144	70	79	436	349	1248	-669	469	-45	III	-97	0.00	0	0
04 : 30	130	92	70	78	441	297	1285	-669	333	2	V1	-91	0.00	0	0
05 : 00	135	132	72	78	322	325	1250	-615	340	-107	III	-122	0.00	0	0
05 : 30	132	138	68	80	444	270	1261	-655	393	-132	III	-185	0.00	0	0
06 : 00	135	136	76	78	451	318	1229	-622	331	-80	III	-86	0.00	0	0
06 : 30	138	128	78	82	456	238	1265	-654	300	-80	III	-103	0.00	0	0
07 : 00	138	132	68	81	436	311	1299	-687	394	-122	III	-195	0.00	0	0
07 : 30	153	120	76	81	436	279	1263	-724	257	-150	V3	-90	0.00	0	0
08 : 00	155	116	68	82	430	293	1236	-725	294	-115	III	-125	0.00	0	0
08 : 30	164	106	68	84	431	320	1273	-730	310	-134	III	-133	0.00	0	0
09 : 00	161	98	76	86	431	311	1274	-746	369	-157	V6	-79	0.00	0	0
09 : 30	163	104	68	83	348	301	1226	-756	436	-112	III	-112	0.00	0	0
10 : 00	142	120	78	79	441	399	1161	-651	487	-21	III	-44	0.00	0	0
10 : 30	134	134	70	77	311	299	1270	-623	571	-175	V5	-24	0.00	0	0
11 : 00	122	140	58	74	325	310	1342	-585	546	-32	V1	-20	0.00	0	0
11 : 30	119	126	78	76	442	292	1345	-587	504	1	V1	-59	0.00	0	0
12 : 00	117	160	78	72	452	311	1310	-596	441	14	V1	-48	0.00	0	0
12 : 30	116	142	82	72	338	240	1310	-576	395	28	V1	-34	0.00	0	0





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 9264278360, 9065875700, 8789391403  
 info@aarogyamdiagnostics.com  
 www.aarogyamdiagnostics.com

Date	09/08/2022	Srl No.	11	Patient Id	2208090011
Name	Mr. PANKAJ KUMAR	Age	39 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
-----------	-------	------	--------------

### HAEMATOLOGY

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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<b>Date</b>	<b>09/08/2022</b>	<b>Srl No. 11</b>	<b>Patient Id 2208090011</b>
<b>Name</b>	<b>Mr. PANKAJ KUMAR</b>	<b>Age 39 Yrs.</b>	<b>Sex M</b>
<b>Ref. By Dr.BOB</b>			

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	13.6	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTE COUNT (TLC)	7,500	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	63	%	40 - 75
LYMPHOCYTE	31	%	20 - 45
EOSINOPHIL	02	%	01 - 06
MONOCYTE	04	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	14	mm/1st hr.	0 - 15
R B C COUNT	4.56	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	40.8	%	40 - 54
M C V	89.47	fl.	80 - 100
M C H	29.82	Picogram	27.0 - 31.0
M C H C	33.3	gm/dl	33 - 37
PLATELET COUNT	2.39	Lakh/cmm	1.50 - 4.00

\*\*\*\* End Of Report \*\*\*\*

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



ISO 9001 : 2015

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<b>Date</b>	<b>09/08/2022</b>	<b>Srl No. 11</b>	<b>Patient Id 2208090011</b>
<b>Name</b>	<b>Mr. PANKAJ KUMAR</b>	<b>Age 39 Yrs.</b>	<b>Sex M</b>
<b>Ref. By Dr.BOB</b>			

Test Name	Value	Unit	Normal Value
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## BIOCHEMISTRY

BLOOD SUGAR FASTING	85.9	mg/dl	70 - 110
SERUM CREATININE	0.88	mg%	0.7 - 1.4
BLOOD UREA	22.6	mg /dl	15.0 - 45.0
SERUM URIC ACID	4.3	mg%	3.4 - 7.0
<b><u>LIVER FUNCTION TEST (LFT)</u></b>			
BILIRUBIN TOTAL	0.58	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.16	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.42	mg/dl	0.00 - 0.70
TOTAL PROTEIN	6.8	gm/dl	6.6 - 8.3
ALBUMIN	3.7	gm/dl	3.4 - 5.2
GLOBULIN	3.1	gm/dl	2.3 - 3.5
A/G RATIO	<b>1.194</b>		
SGOT	33.5	IU/L	5 - 40
SGPT	36.7	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	80.4	U/L	40.0 - 130.0
GAMMA GT	25.1	IU/L	8.0 - 71.0

### **LFT INTERPRET**

## **LIPID PROFILE**

TRIGLYCERIDES	<b>241.7</b>	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	155.6	mg/dL	29.0 - 199.0





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<b>Ref. By</b>	<b>Dr.BOB</b>				

Test Name	Value	Unit	Normal Value
H D L CHOLESTEROL DIRECT	84.8	mg/dL	35.1 - 88.0
V L D L	<b>48.34</b>	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	<b>22.46</b>	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	1.835		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	0.265		0.00 - 3.55
<b>THYROID PROFILE</b>			
T3	0.876	ng/ml	0.60 - 1.81
T4	7.59	ug/dl	4.5 - 10.9
Chemiluminescence			
TSH	1.14	uIU/ml	
Chemiluminescence			
<b>REFERENCE RANGE</b>			
<b>PAEDIATRIC AGE GROUP</b>			
0-3 DAYS	1-20	ulu/ ml	
3-30 DAYS	0.5 - 6.5	ulu/ml	
1 MONTH -5 MONTHS	0.5 - 6.0	ulu/ml	
6 MONTHS- 18 YEARS	0.5 - 4.5	ulu/ml	
<b>ADULTS</b>	0.39 - 6.16	ulu/ml	

**Note:** TSH levels are subject to circadian variation, rising several hours before the onset of sleep, reaching peak levels between 11 pm to 6 am. Nadir concentrations are observed during the afternoon. Diurnal variation in TSH level approximates  $\pm 50\%$ , hence time of the day has influence on the measured serum TSH concentration.



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Test Name	Value	Unit	Normal Value
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Assay performed on enhanced chemi luminescence 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.
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.

### URINE EXAMINATION TEST

#### PHYSICAL EXAMINATION

QUANTITY	10	ml.
COLOUR	PALE YELLOW	
TRANSPARENCY	CLEAR	
SPECIFIC GRAVITY	1.015	
PH	6.0	

#### CHEMICAL EXAMINATION

ALBUMIN	NIL
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Test Name	Value	Unit	Normal Value
SUGAR	NIL		
<b>MICROSCOPIC EXAMINATION</b>			
PUS CELLS	0-1	/HPF	
RBC'S	NIL	/HPF	
CASTS	NIL		
CRYSTALS	NIL		
EPITHELIAL CELLS	0-1	/HPF	
BACTERIA	NIL		
OTHERS	NIL		
BLOOD GROUP ABO	"AB"		
RH TYPING	POSITIVE		

\*\*\*\* End Of Report \*\*\*\*

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