

KISHOR BHARTI

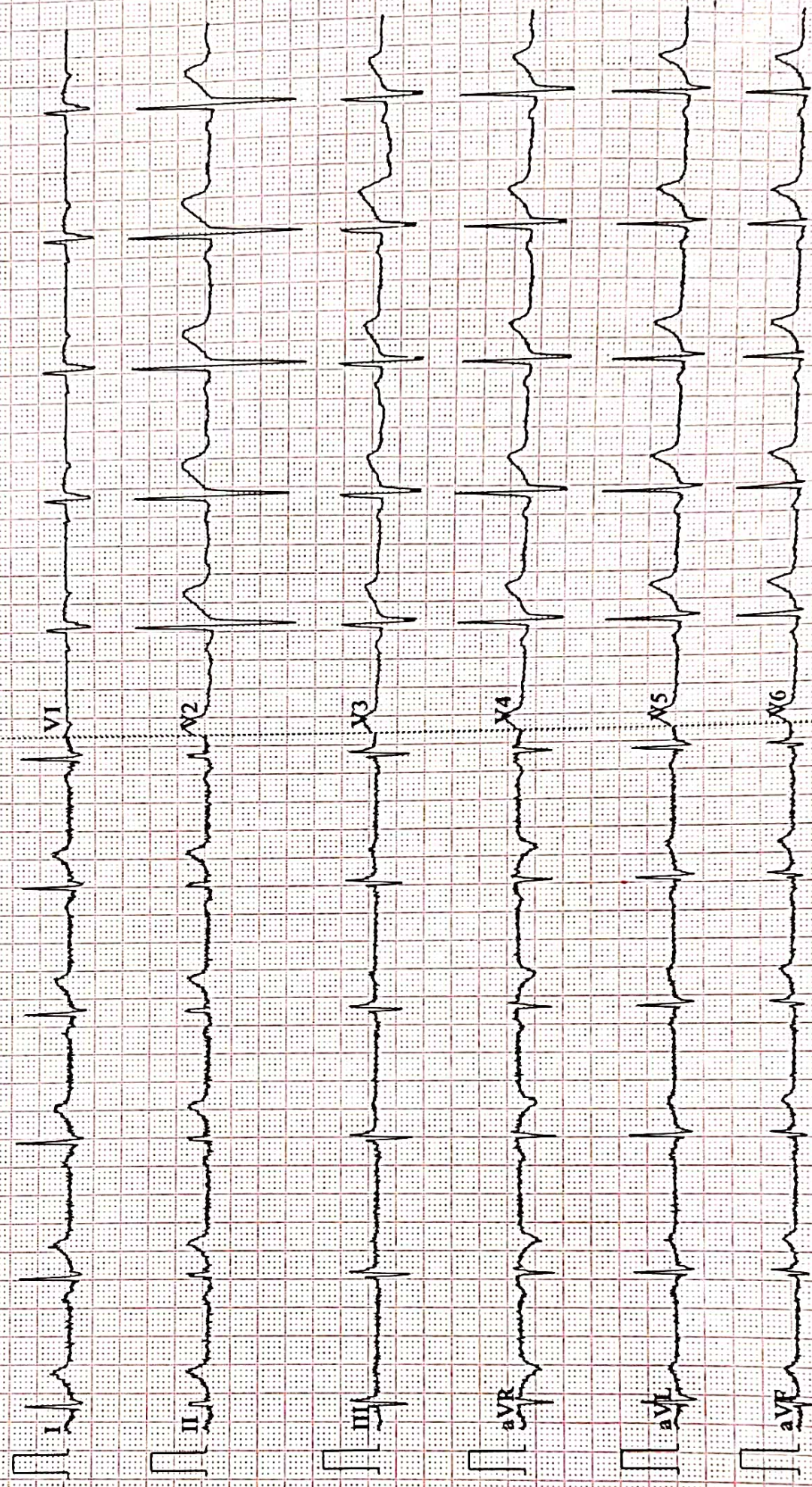
Male 39Years

Diagnosis Information:

Sinus Rhythm  
Prolonged P-wave

HR : 65 bpm  
 P : 116 ms  
 PR : 169 ms  
 QRS : 88 ms  
 QT/QTc : 385/400 ms  
 P/QRS/T : 3/37/39 °  
 RV5/SV1 : 1.286/0.473 mV

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 :- Kishor Bharti  
Refd by :- BoB


Age/Sex:-39Yrs/M  
Date :-13/02/22

Thanks for referral.

**REPORT OF USG OF WHOLE ABDOMEN**

- Liver** :- Mild Enlarged in size ( 17.6cm) 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 (12.4cm) 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 10.3 x 5.1 cm and Left Kidney measures 10.5x4.2cm.
- Ureters** :- Ureters are normal.
- U. Bladder**:- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Prostate** :- Normal in size (25cc) & 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 Liver*

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

**AAROGYAM DIAGNOSTICS**

Patna

**Report**

(GEM212170906)(R)Kardic by Allengers

1147 / MR. KISHOR BHARTI / 39 Yrs / M / 178 Cms / 84 Kg Date: 13-Feb-2022 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	67	37 %	120/80	080	00	
Standing	00:07	0:01	00.0	00.0	01.0	68	38 %	120/80	081	00	
HV	00:11	0:01	00.0	00.0	01.0	076	42 %	120/80	091	00	
Warm Up	00:20	0:01	01.0	00.0	01.0	070	39 %	120/80	084	00	
ExStart	01:38	0:06	01.7	10.0	01.1	094	52 %	120/80	112	00	
BRUCE/ Stage 1	04:38	3:00	01.7	10.0	04.7	119	66 %	125/85	148	00	
BRUCE/ Stage 2	07:38	3:00	02.5	12.0	07.1	149	82 %	130/90	193	00	
BRUCE/ Stage 3	10:38	3:00	03.4	14.0	10.2	170	94 %	135/95	229	00	
PeakEx	10:43	0:07	01.1	00.0	10.3	170	94 %	135/95	229	00	
Recovery	11:42	1:00	01.1	00.0	04.3	156	86 %	130/90	202	00	
Recovery	12:42	2:00	01.1	00.0	01.0	137	76 %	125/85	171	00	
Recovery	14:19	3:36	01.1	00.0	01.0	129	71 %	120/80	154	00	

**Findings :**

Exercise Time : 09:06  
Max HR Attained : 186 bpm 103% of Target 181  
Max BP Attained : (Sys) 135/95  
Max WorkLoad Attained : 10.3 Good response to induced stress  
Max ST Dep Lead & Value : V1 & -1.6 mm in PeakEx mm  
Test End Reasons : Test Complete

**Report :**

Doctor : Doctor Name

**AAROGYAM DIAGNOSTICS**

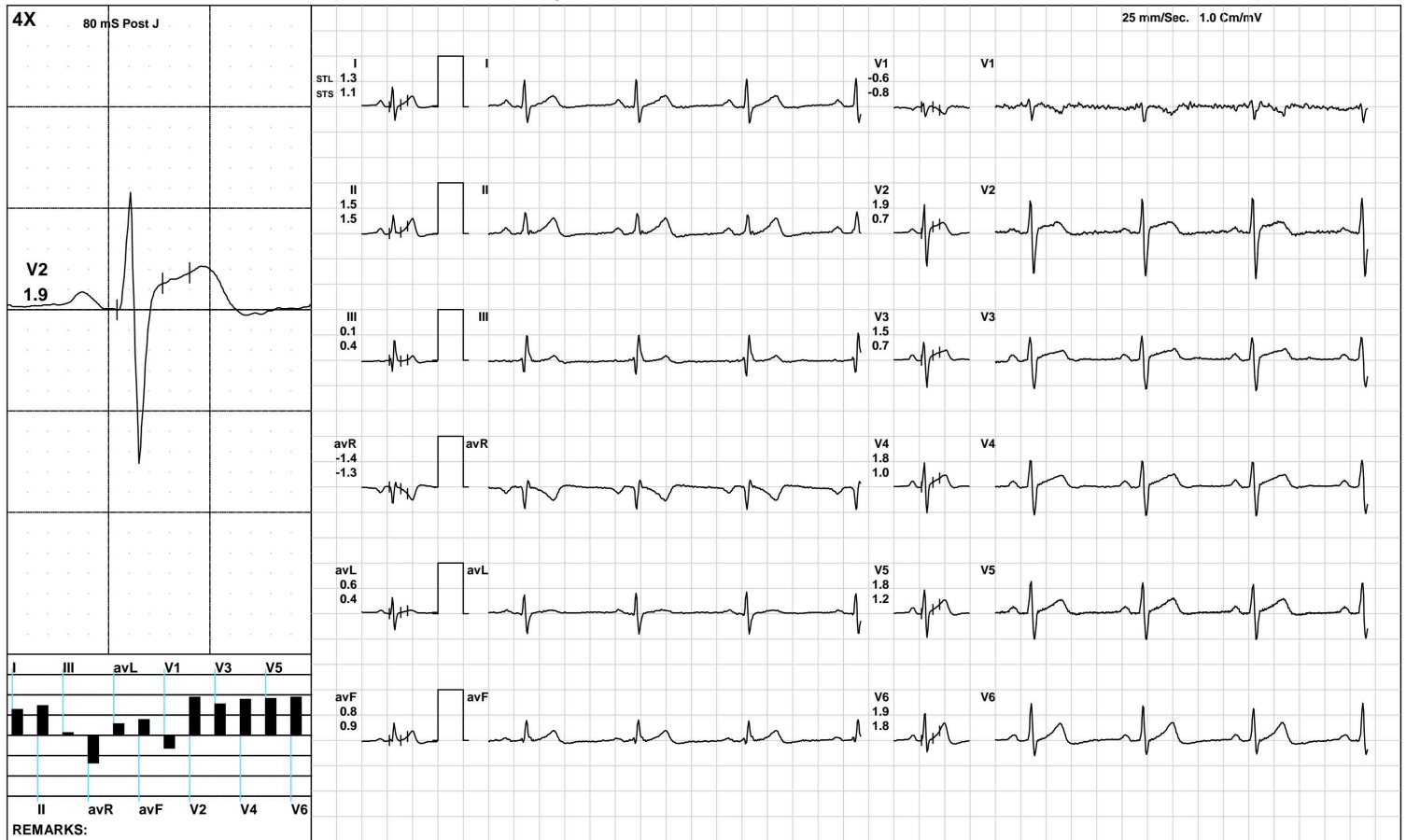
Supine



1147 / MR. KISHOR BHARTI / 39 Yrs / M / 178 Cms / 84 Kg / HR : 67

Date: 13-Feb-2022 01:43:13 PM METS: 1.0/ 67 bpm 37% of THR BP: 120/80 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

**AAROGYAM DIAGNOSTICS**

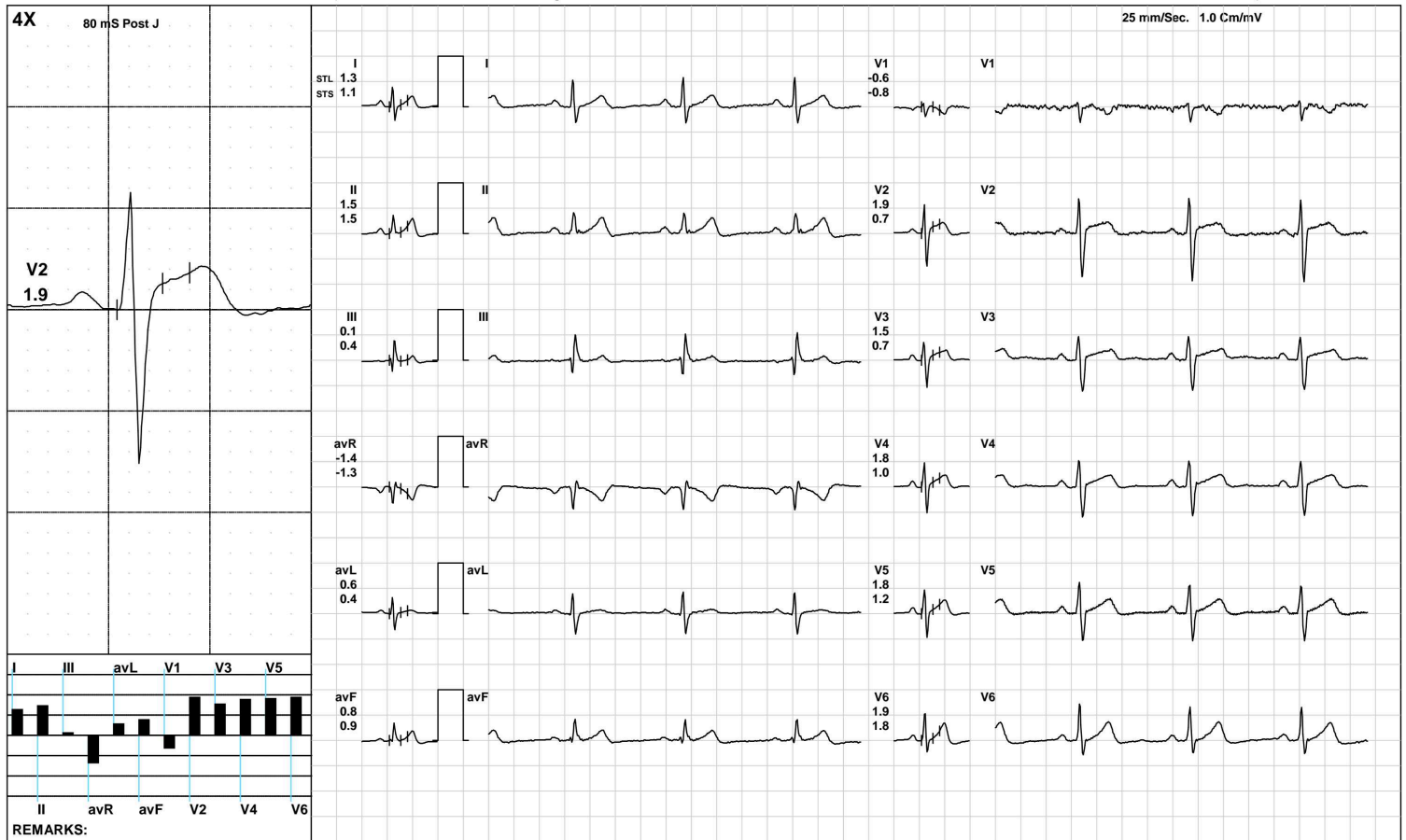
Standing



1147 / MR. KISHOR BHARTI / 39 Yrs / M / 178 Cms / 84 Kg / HR : 68

Date: 13-Feb-2022 01:43:13 PM METS: 1.0/ 68 bpm 37% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:07 0.0 mph, 0.0%



**AAROGYAM DIAGNOSTICS**

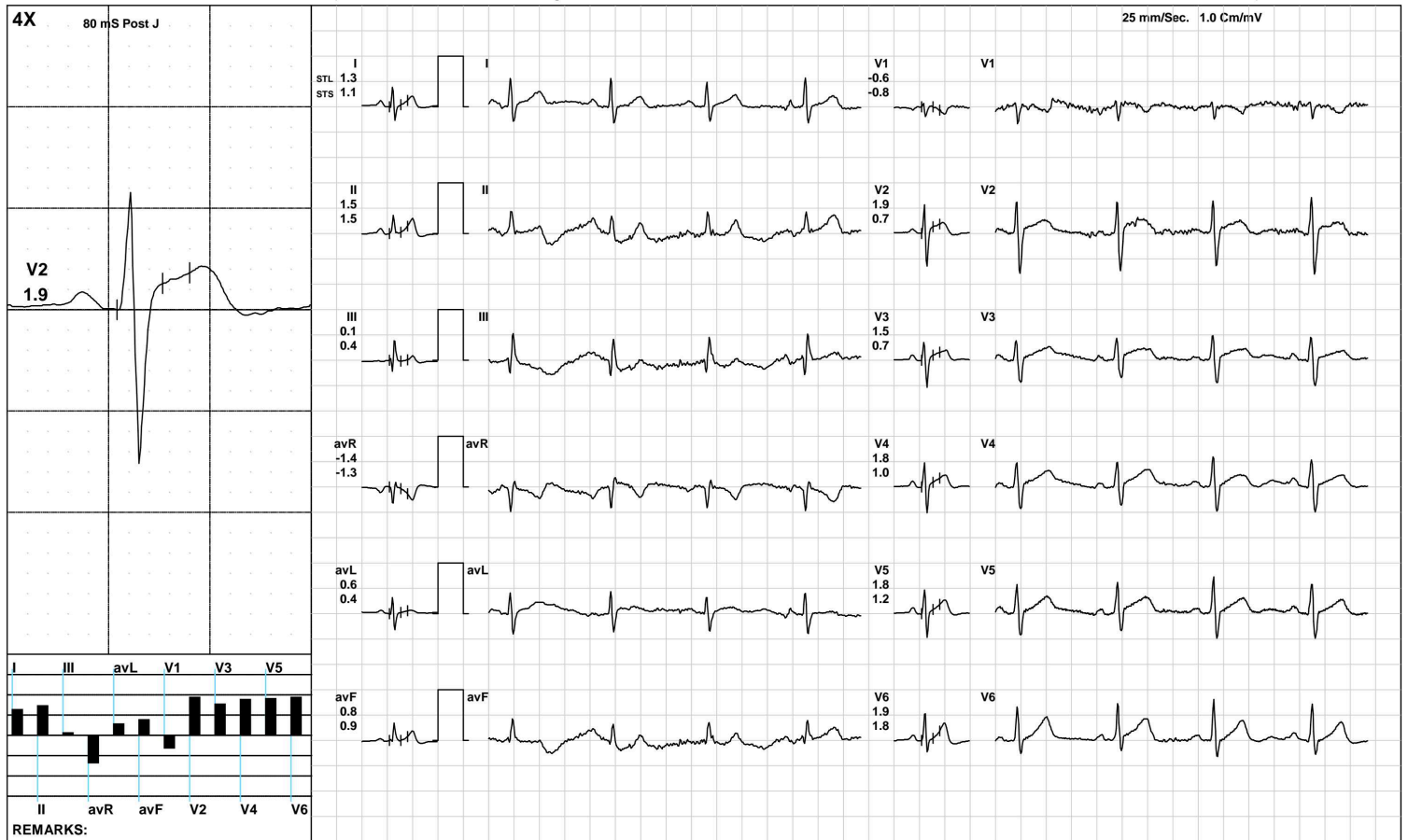
HV



1147 / MR. KISHOR BHARTI / 39 Yrs / M / 178 Cms / 84 Kg / HR : 76

Date: 13-Feb-2022 01:43:13 PM METS: 1.0/ 76 bpm 41% 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 DIAGNOSTICS**

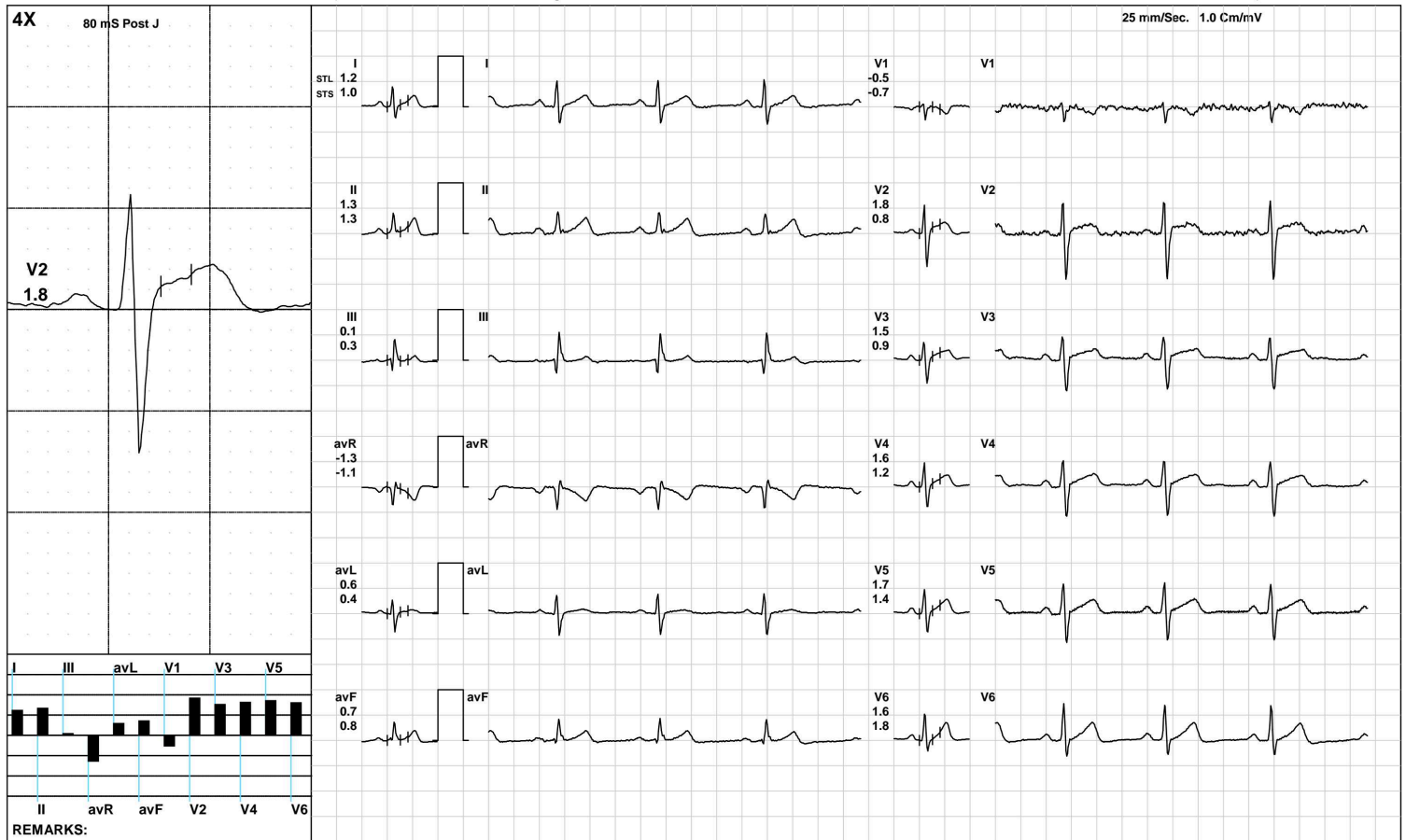
Warm Up



1147 / MR. KISHOR BHARTI / 39 Yrs / M / 178 Cms / 84 Kg / HR : 70

Date: 13-Feb-2022 01:43:13 PM METS: 1.0/ 70 bpm 38% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:20 1.0 mph, 0.0%



**AAROGYAM DIAGNOSTICS**

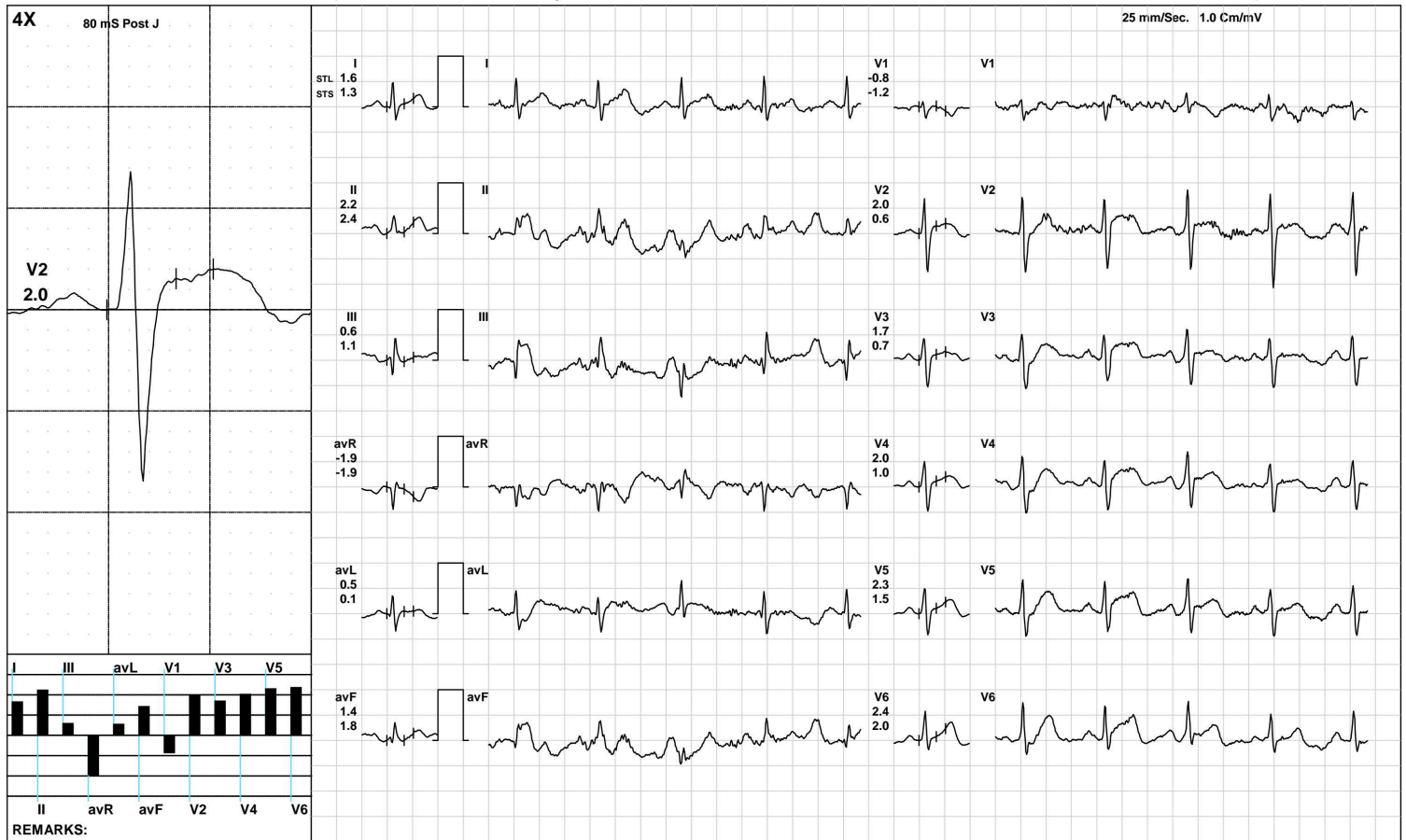
ExStart



1147 / MR. KISHOR BHARTI / 39 Yrs / M / 178 Cms / 84 Kg / HR : 94

Date: 13-Feb-2022 01:43:13 PM METS: 1.1/ 94 bpm 51% 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**

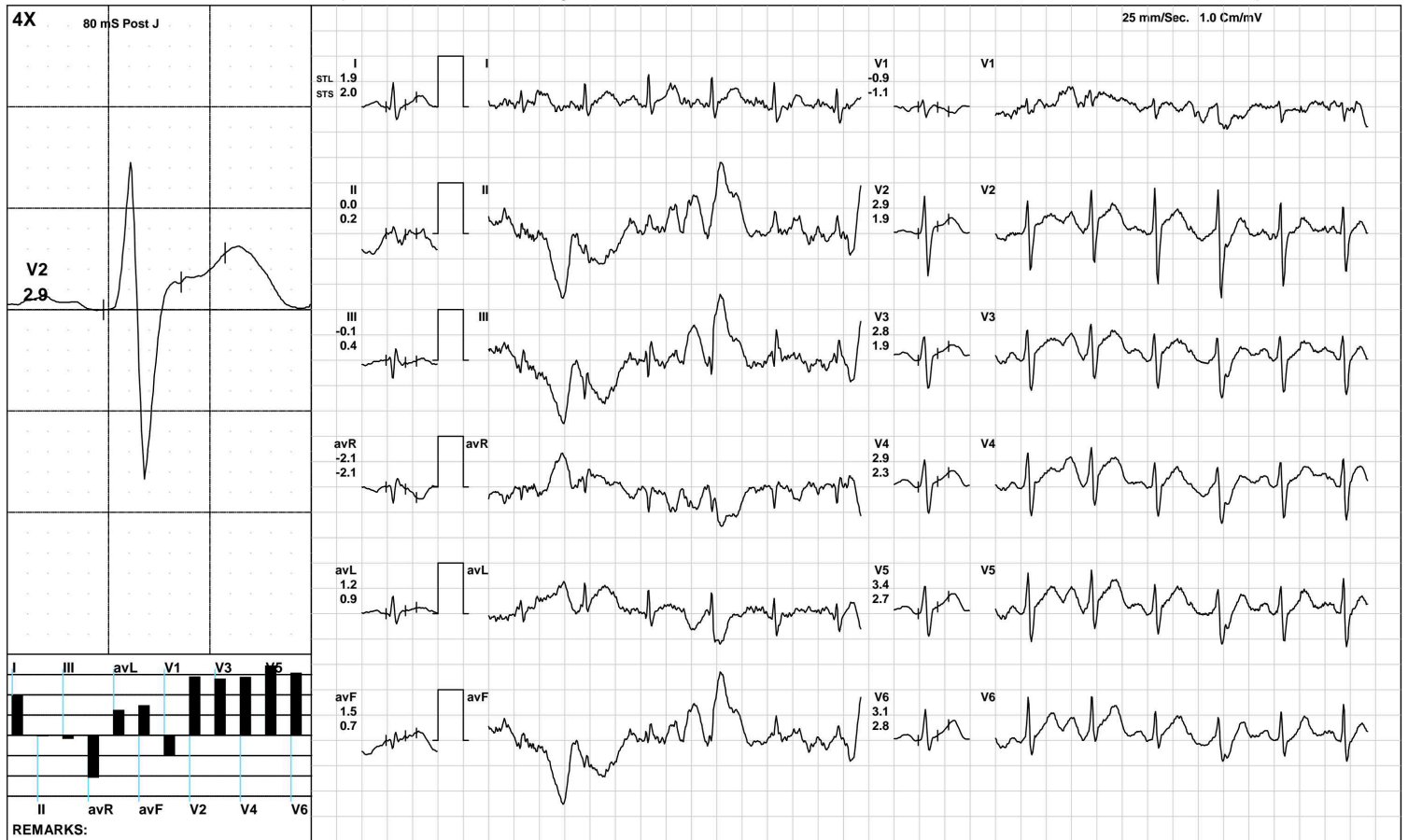
**BRUCE/Stage 1(3:00)**



1147 / MR. KISHOR BHARTI / 39 Yrs / M / 178 Cms / 84 Kg / HR : 119

Date: 13-Feb-2022 01:43:13 PM METS: 4.7/ 119 bpm 65% 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

**AAROGYAM DIAGNOSTICS**

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



1147 / MR. KISHOR BHARTI / 39 Yrs / M / 178 Cms / 84 Kg / HR : 149

Date: 13-Feb-2022 01:43:13 PM METS: 7.1/ 149 bpm 82% 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

**AAROGYAM DIAGNOSTICS**

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



1147 / MR. KISHOR BHARTI / 39 Yrs / M / 178 Cms / 84 Kg / HR : 170

Date: 13-Feb-2022 01:43:13 PM METS: 10.2/ 170 bpm 93% 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%



**AAROGYAM DIAGNOSTICS**

PeakEx



1147 / MR. KISHOR BHARTI / 39 Yrs / M / 178 Cms / 84 Kg / HR : 170

Date: 13-Feb-2022 01:43:13 PM METS: 10.3/ 170 bpm 93% of THR BP: 135/95 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:06 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

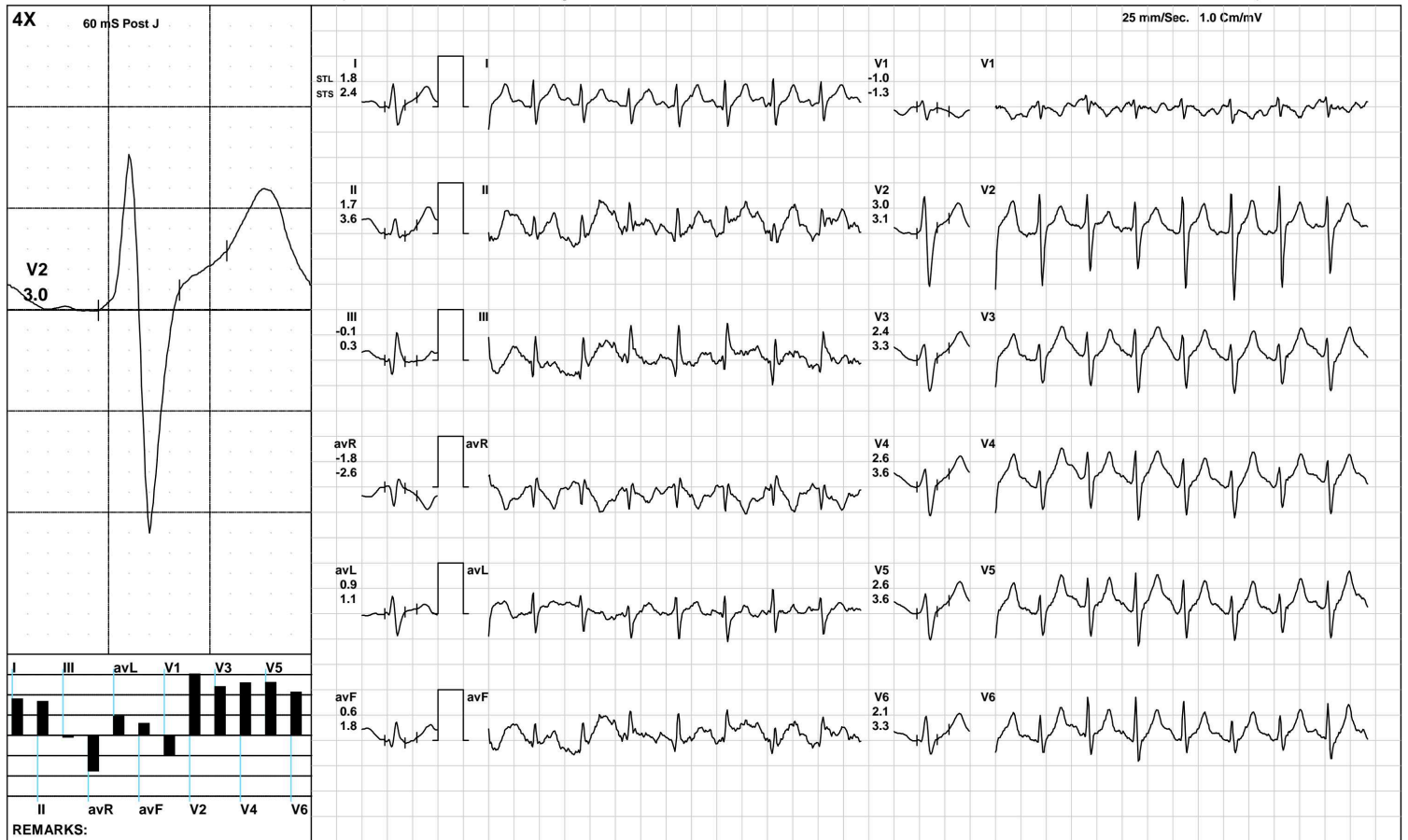
Recovery(1:00)



1147 / MR. KISHOR BHARTI / 39 Yrs / M / 178 Cms / 84 Kg / HR : 156

Date: 13-Feb-2022 01:43:13 PM METS: 4.3/ 156 bpm 86% of THR BP: 130/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:06 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

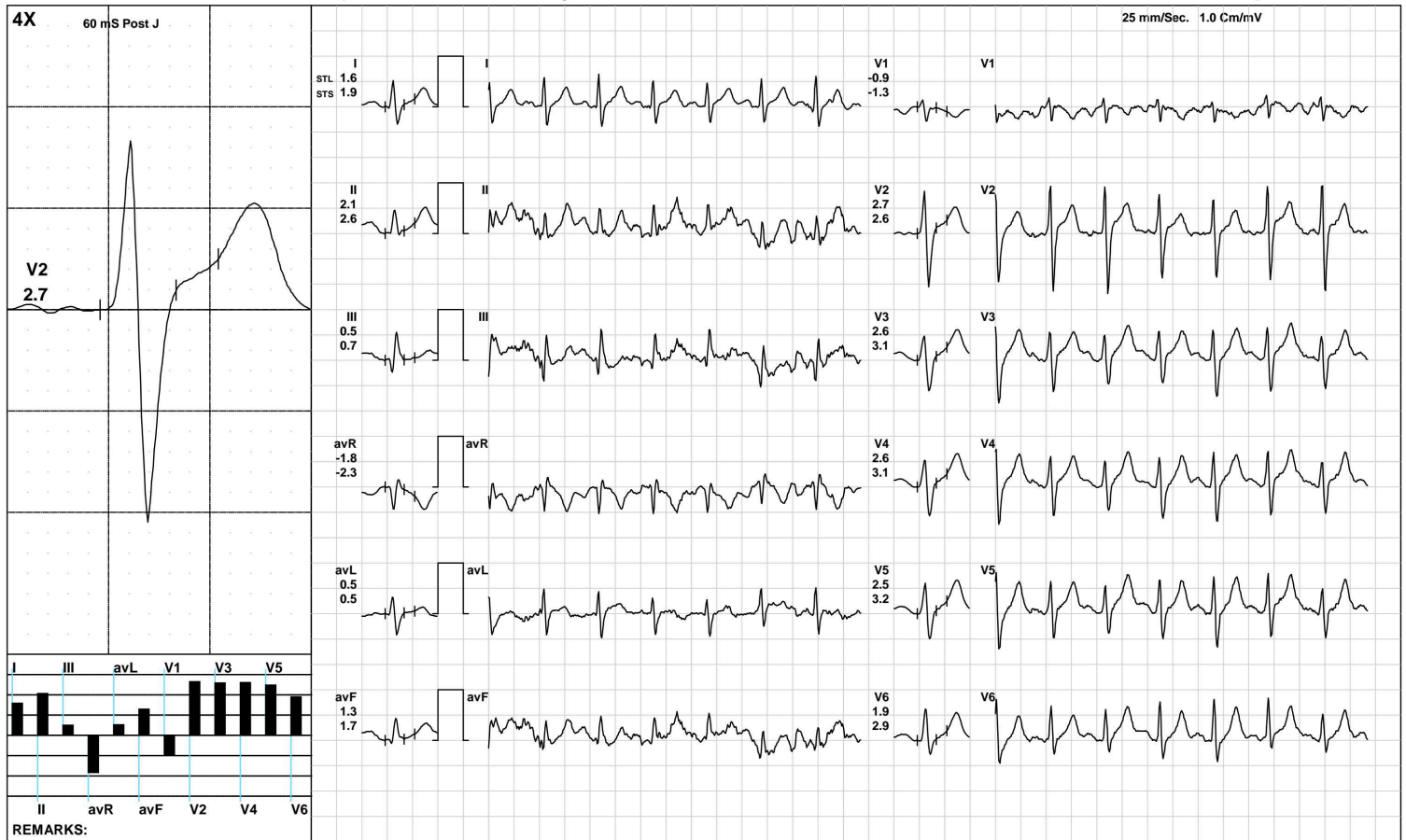
Recovery(2:00)



1147 / MR. KISHOR BHARTI / 39 Yrs / M / 178 Cms / 84 Kg / HR : 137

Date: 13-Feb-2022 01:43:13 PM METS: 1.0/ 137 bpm 75% of THR BP: 125/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:06 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

**AAROGYAM DIAGNOSTICS**

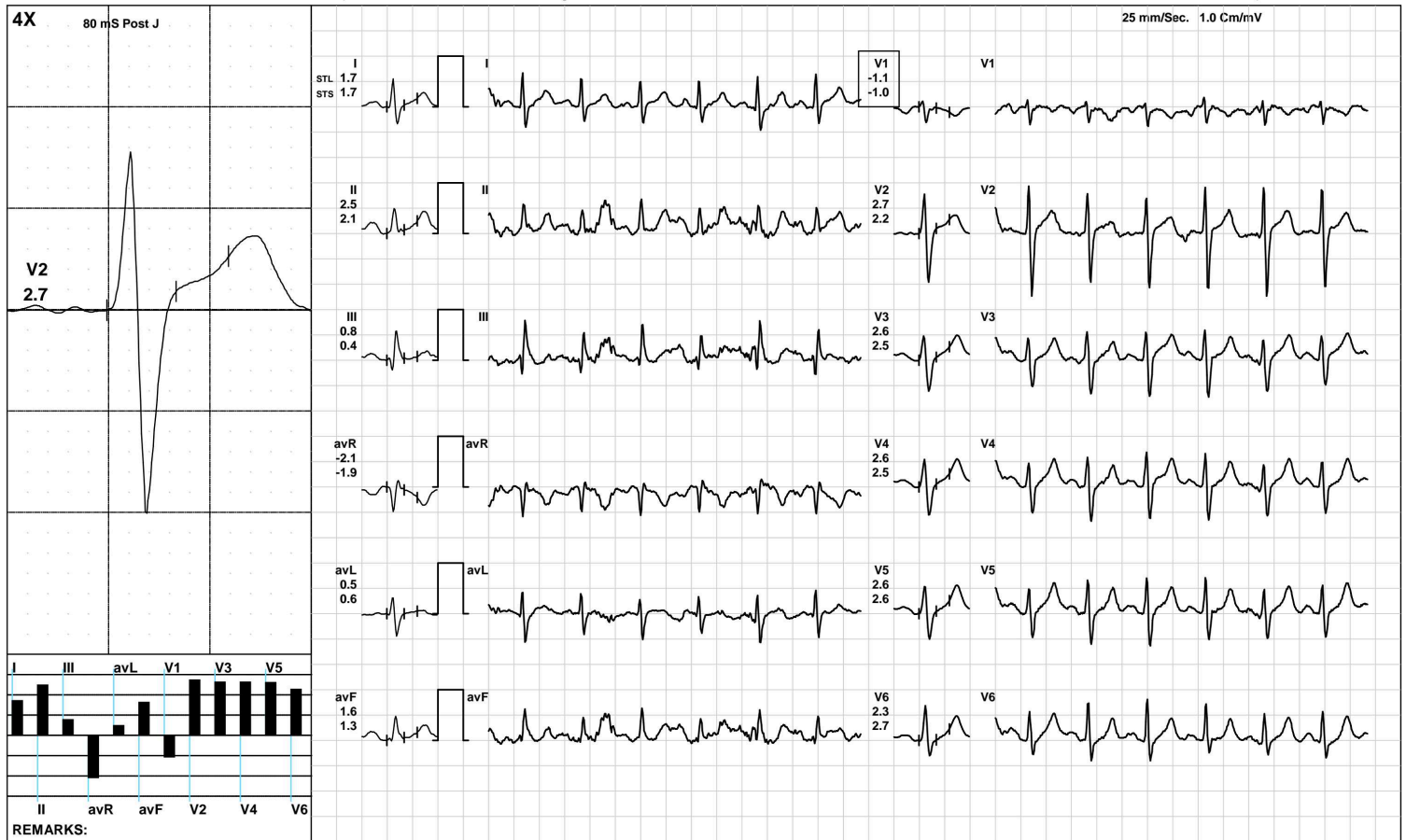
Recovery(3:36)



1147 / MR. KISHOR BHARTI / 39 Yrs / M / 178 Cms / 84 Kg / HR : 129

Date: 13-Feb-2022 01:43:13 PM METS: 1.0/ 129 bpm 71% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:06 1.1 mph, 0.0%



**AAROGYAM DIAGNOSTICS**

**ST Measurements**



1147 / MR. KISHOR BHARTI / 39 Yrs / M / 178 Cms / 84 Kg / HR : 74

Date: 13-Feb-2022 01:43:13 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	1.3	1.5	0.1	-1.4	0.6	0.8	-0.6	1.9	1.5	1.8	1.8	1.9	1.1	1.5	0.4	-1.3	0.4	0.9	-0.8	0.7	0.7	1.0	1.2	1.8	
80 @mS Standing	1.3	1.5	0.1	-1.4	0.6	0.8	-0.6	1.9	1.5	1.8	1.8	1.9	1.1	1.5	0.4	-1.3	0.4	0.9	-0.8	0.7	0.7	1.0	1.2	1.8	
HV	1.3	1.5	0.1	-1.4	0.6	0.8	-0.6	1.9	1.5	1.8	1.8	1.9	1.1	1.5	0.4	-1.3	0.4	0.9	-0.8	0.7	0.7	1.0	1.2	1.8	
Warm Up	1.3	1.5	0.1	-1.4	0.6	0.8	-0.6	1.9	1.5	1.8	1.8	1.9	1.1	1.5	0.4	-1.3	0.4	0.9	-0.8	0.7	0.7	1.0	1.2	1.8	
ExStart	1.6	2.2	0.6	-1.9	0.5	1.4	-0.8	2.0	1.7	2.0	2.3	2.4	1.3	2.4	1.1	-1.9	0.1	1.8	-1.2	0.6	0.7	1.0	1.5	2.0	
Stage 1	1.9	0.0	-0.1	-2.1	1.2	1.5	-0.9	2.9	2.8	2.9	3.4	3.1	2.0	0.2	0.4	-2.1	0.9	0.7	-1.1	1.9	1.9	2.3	2.7	2.8	
Stage 2	1.5	5.0	1.8	-2.7	-0.9	1.5	-1.2	1.3	0.8	1.0	1.1	0.8	2.1	-1.1	2.7	-3.0	0.2	5.0	-2.0	1.6	1.6	1.6	2.3	2.3	
Stage 3	1.2	1.6	0.5	-1.3	0.4	1.1	-0.8	1.7	1.4	0.9	1.2	1.0	2.0	-3.9	-5.9	-0.6	2.5	-4.6	0.0	3.3	3.9	3.4	3.9	3.7	
PeakEx	1.1	3.7	2.5	-2.0	-0.3	2.5	-1.6	0.6	-0.1	0.0	-0.1	0.1	2.8	5.1	0.6	-3.4	1.3	3.4	-0.6	3.9	3.3	3.4	3.4	2.4	
Recovery	1.8	1.7	-0.1	-1.8	0.9	0.6	-1.0	3.0	2.4	2.6	2.6	2.1	2.4	3.6	0.3	-2.6	1.1	1.8	-1.3	3.1	3.3	3.6	3.6	3.3	
Recovery	1.6	2.1	0.5	-1.8	0.5	1.3	-0.9	2.7	2.6	2.6	2.5	1.9	1.9	2.6	0.7	-2.3	0.5	1.7	-1.3	2.6	3.1	3.1	3.2	2.9	
Recovery	1.7	2.5	0.8	-2.1	0.5	1.6	-1.1	2.7	2.6	2.6	2.6	2.3	1.7	2.1	0.4	-1.9	0.6	1.3	-1.0	2.2	2.5	2.5	2.6	2.7	
					I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6									



		<b>I</b>	<b>II</b>	<b>III</b>	<b>avR</b>	<b>avL</b>	<b>avF</b>	<b>V1</b>	<b>V2</b>	<b>V3</b>	<b>V4</b>	<b>V5</b>	<b>V6</b>
STI( $\mu$ Vs)	Supine	9.5	11.5	1.6	-10.5	3.9	6.4	-5.1	12.7	12.1	13.6	14.2	14.3
	Standing	9.5	11.5	1.6	-10.5	3.9	6.4	-5.1	12.7	12.1	13.6	14.2	14.3
	HV	9.5	11.5	1.6	-10.5	3.9	6.4	-5.1	12.7	12.1	13.6	14.2	14.3
	Warm Up	9.5	11.5	1.6	-10.5	3.9	6.4	-5.1	12.7	12.1	13.6	14.2	14.3
	ExStart	12.1	15.4	3.4	-13.7	4.4	9.4	-6.2	13.9	11.4	14.2	16.4	17.5
	Stage 1	10.0	0.8	-1.9	-10.4	7.1	8.9	-4.7	17.3	17.2	17.2	20.6	18.1
	Stage 2	5.2	33.2	6.4	-11.5	-6.6	0.7	-3.1	4.8	1.6	2.4	2.8	0.3
	Stage 3	3.5	16.7	14.7	-6.7	-1.8	14.6	-5.0	3.6	0.8	-1.5	-0.7	-1.4
	PeakEx	3.0	16.0	14.6	-7.1	-3.7	9.7	-8.1	-0.4	-4.7	-4.1	-5.2	-3.8
	Recovery	6.7	2.6	-1.7	-5.9	4.3	-0.6	-3.3	12.5	8.7	9.2	9.3	6.8
	Recovery	6.6	8.2	1.7	-7.3	2.4	5.0	-3.6	11.8	10.7	10.9	10.1	7.0
	Recovery	9.5	13.7	4.2	-11.5	2.6	9.0	-5.7	15.8	14.7	14.7	14.1	11.3



Patna

1147 / MR. KISHOR BHARTI / 39 Yrs / Male / 178 Cm / 84 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	92	250	72	1	419	210	717	-838	423	-70	V1	-30	0.00	0	0
01 : 00	90	222	68	42	414	-218	739	-896	415	-48	V1	-7	0.00	0	0
01 : 30	98	138	92	-18	399	159	791	-856	417	-82	III	-132	0.00	0	0
02 : 00	99	208	70	-23	387	-296	727	-917	-632	45	III	-350	0.00	0	0
02 : 30	108	194	90	-30	445	316	756	-866	794	-126	III	-224	0.00	0	0
03 : 00	110	146	90	20	366	355	680	-911	514	36	V1	-26	0.00	0	0
03 : 30	112	170	90	-22	455	260	744	-879	426	21	V1	-45	0.00	0	0
04 : 00	114	164	88	-30	442	-382	762	-874	461	46	V1	-41	0.00	0	0
04 : 30	123	106	86	-34	440	-927	693	-922	-912	-268	III	-632	0.00	0	0
05 : 00	127	144	54	-12	263	-574	673	-1209	-1254	-334	II	-429	0.00	0	0
05 : 30	134	78	90	-36	406	344	800	-928	454	-184	avF	-127	0.00	0	0
06 : 00	135	138	70	-35	445	435	735	-1008	477	-170	II	-176	0.00	0	0
06 : 30	141	140	90	60	379	562	793	-1055	544	-87	V1	-123	0.00	0	0
07 : 00	145	130	68	-9	356	510	786	-1070	642	-257	avL	-129	0.00	0	0
07 : 30	152	120	88	-64	364	384	670	-1025	516	-256	avF	-445	0.00	0	0
08 : 00	158	118	88	-80	204	-468	910	-1016	-1538	-1267	III	-1461	0.00	0	0
08 : 30	159	120	88	-84	244	-485	759	-1202	-1538	-1276	II	-782	0.00	0	0
09 : 00	161	114	70	-82	406	564	862	-1138	-1271	-106	V1	-111	0.00	0	0
09 : 30	167	112	66	-79	230	-436	718	-992	-712	-638	II	-520	0.00	0	0
10 : 00	170	110	78	86	352	345	719	-1052	507	-306	II	-419	0.00	0	0
10 : 30	170	108	68	78	361	356	668	-1048	458	-54	V1	-78	0.00	0	0
11 : 00	170	114	88	80	349	302	736	-1113	591	-34	V1	-98	0.00	0	0
11 : 30	152	112	88	73	354	282	776	-1184	682	-24	V1	-97	0.00	0	0
12 : 00	142	124	88	72	338	275	796	-1098	694	-24	V1	-94	0.00	0	0
12 : 30	138	138	92	61	341	227	852	-1060	688	-10	V1	-64	0.00	0	0



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)	Var (%)	VEB (Counts)	Missed Beats (Counts)
13:00	133	130	90	65	358	219	854	-1046	653	7	V1	-46	0.00	0	0
13:30	130	150	92	12	340	213	814	-1018	594	14	V1	-56	0.00	0	0



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

Date	13/02/2022	Srl No.	12	Patient Id	2202130012
Name	Mr. KISHOR BHARTI	Age	39 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
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### HAEMATOLOGY

HB A1C	5.4	%	
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#### 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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 (A UNIT OF CULPAM HEALTH CARE PVT. LTD.)

F- 41, P.C. Colony, Opp. Madhuban Complex,  
 Near Malahi Pakari Chowk, Kankarbagh, Patna - 20  
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<b>Date</b>	<b>13/02/2022</b>	<b>Srl No. 12</b>	<b>Patient Id 2202130012</b>
<b>Name</b>	<b>Mr. KISHOR BHARTI</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)	13.0	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTE COUNT (TLC)	7,200	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	61	%	40 - 75
LYMPHOCYTE	34	%	20 - 45
EOSINOPHIL	02	%	01 - 06
MONOCYTE	03	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	10	mm/1st hr.	0 - 15
R B C COUNT	4.25	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	39	%	40 - 54
M C V	91.76	fl.	80 - 100
M C H	30.59	Picogram	27.0 - 31.0
M C H C	33.3	gm/dl	33 - 37
PLATELET COUNT	2.69	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"O"		
RH TYPING	POSITIVE		

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

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



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Test Name	Value	Unit	Normal Value
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### BIOCHEMISTRY

SERUM CREATININE	0.83	mg%	0.7 - 1.4
BLOOD UREA	20.7	mg /dl	15.0 - 45.0
SERUM URIC ACID	3.8	mg%	3.4 - 7.0
<b><u>LIVER FUNCTION TEST (LFT)</u></b>			
BILIRUBIN TOTAL	0.68	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.23	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.45	mg/dl	0.00 - 0.70
TOTAL PROTEIN	7.0	gm/dl	6.6 - 8.3
ALBUMIN	3.8	gm/dl	3.4 - 5.2
GLOBULIN	3.2	gm/dl	2.3 - 3.5
A/G RATIO	<b>1.188</b>		
SGOT	<b>52.7</b>	IU/L	5 - 40
SGPT	<b>69.2</b>	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	109.2	U/L	40.0 - 130.0
GAMMA GT	25.4	IU/L	8.0 - 71.0

### **LFT INTERPRET**

### **LIPID PROFILE**

TRIGLYCERIDES	81.6	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	178.9	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	45.2	mg/dL	35.1 - 88.0



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Test Name	Value	Unit	Normal Value
V L D L	16.32	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	117.38	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.958		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	2.597		0.00 - 3.55
<b>THYROID PROFILE</b>			
T3	0.88	ng/ml	0.60 - 1.81
T4 Chemiluminescence	9.71	ug/dl	4.5 - 10.9
TSH Chemiluminescence	0.96	uIU/ml	

**REFERENCE RANGE**

PAEDIATRIC AGE GROUP

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

ADULTS 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.

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



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Test Name	Value	Unit	Normal Value
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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	15	ml.
COLOUR	PALE YELLOW	
TRANSPARENCY	CLEAR	
SPECIFIC GRAVITY	1.030	
PH	6.0	

#### CHEMICAL EXAMINATION

ALBUMIN	NIL
SUGAR	NIL





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

Test Name	Value	Unit	Normal Value
<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 SUGAR RANDOM HEXOKINASE	142.7	mg/dl	80 - 170

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

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