



भारत सरकार  
GOVERNMENT OF INDIA



अविनाश कुमार  
Abinash Kumar  
जन्म तिथि/ DOB: 17/12/1983  
पुन्य / MALE



5447 4842 5119



Bl

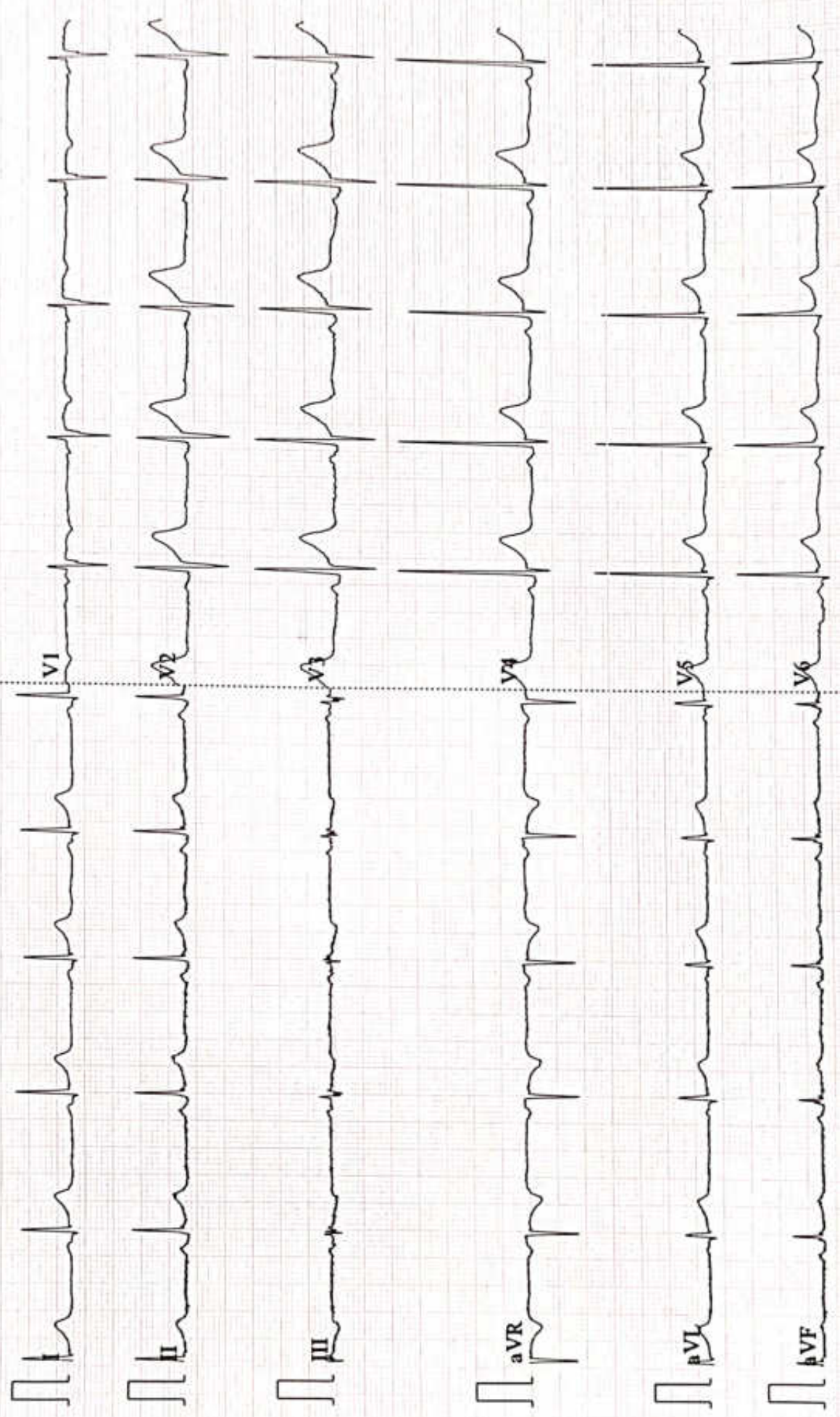
10 08 2024 07:50:02 AM

ABINASH KUMAR  
Male 40Years

Diagnosis Information:  
Sinus Rhythm  
\*\*\*Normal ECG\*\*\*

HR : 61 bpm  
P : 95 ms  
PR : 143 ms  
QRS : 80 ms  
QT/QTc : 374/379 ms  
P/QRS/T : 51/35/15 °  
RV5/SV1 : 1.990/0.761 mV

DR. RAMAN  
Ref-10995, MD  
Report No-33940  
Confirmed by:



Patient Name	ABINASH KUMAR	Date	18-08-2024
Age/Sex	40/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*



## Report



(GEM212170906)(R)Kardic by Allengers

3038 / ABINASH KUMAR / 40 Yrs / M / 169 Cms / 69 Kg Date: 18-Aug-2024 Technician : MD SAQUIB NEHAL

Stage	Time	Duration	Belt Speed (mph)	Elevation	METs	Rate	% THR Achieved	BP	RPP	PVC	Comments
Supine	00:07	0:01	00.0	00.0	01.0	57	32 %	120/80	068	00	
Standing	00:11	0:01	00.0	00.0	01.0	56	31 %	120/80	067	00	
HV	00:15	0:01	00.0	00.0	01.0	056	31 %	120/80	067	00	
Warm Up	00:19	0:01	01.0	00.0	01.0	059	33 %	120/80	070	00	
ExStart	00:47	0:06	01.7	10.0	01.1	088	49 %	120/80	105	00	
BRUCE/ Stage 1	03:47	3:00	01.7	10.0	04.7	112	62 %	125/85	140	00	
BRUCE/ Stage 2	06:47	3:00	02.5	12.0	07.1	127	71 %	130/90	165	00	
BRUCE/ Stage 3	09:47	3:00	03.4	14.0	10.2	148	82 %	135/95	199	00	
PeakEx	09:56	0:09	04.2	16.0	10.4	149	83 %	135/95	201	00	
Recovery	10:55	1:00	01.1	00.0	04.3	116	64 %	130/90	150	00	
Recovery	11:55	2:00	01.1	00.0	01.0	093	52 %	125/85	116	00	
Recovery	13:12	3:16	01.1	00.0	01.0	091	51 %	120/80	109	00	

### Findings :

Exercise Time : 09:10  
 Max HR Attained : 149 bpm 83% of Target 180  
 Max BP Attained : (Sys) 135/95  
 Max WorkLoad Attained : 10.4 Good response to induced stress  
 Max ST Dep Lead & Value : III & -1.0 mm in PeakEx mm  
 Test End Reasons : Test Complete, Test Complete

### Report :

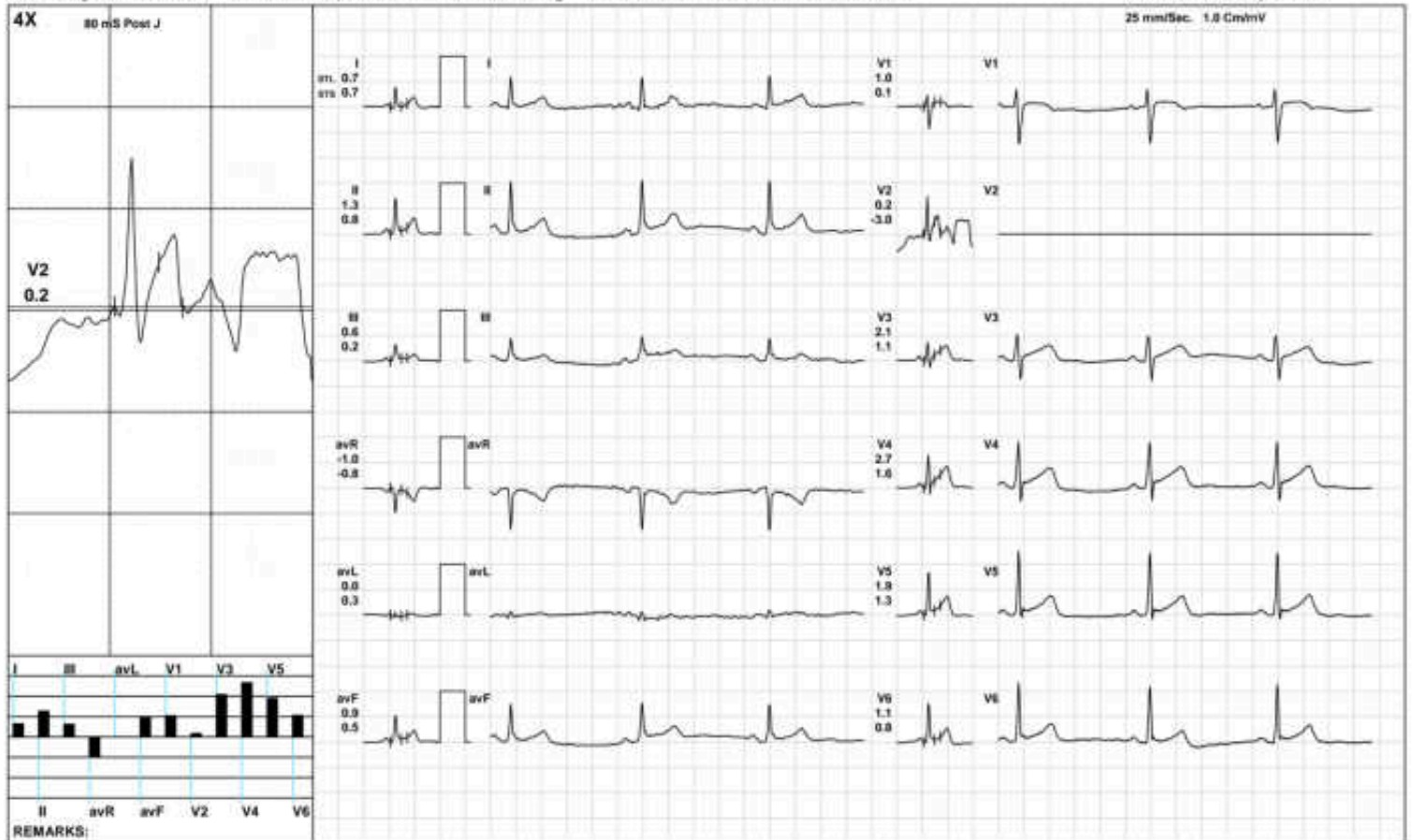
Supine



3038 / ABINASH KUMAR / 40 Yrs / M / 169 Cms / 69 Kg / HR : 57

Date: 18-Aug-2024 10:09:06 AM METS: 1.0/ 57 bpm 31% 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%



(GEM212170900)(R)Kardic by Allengers

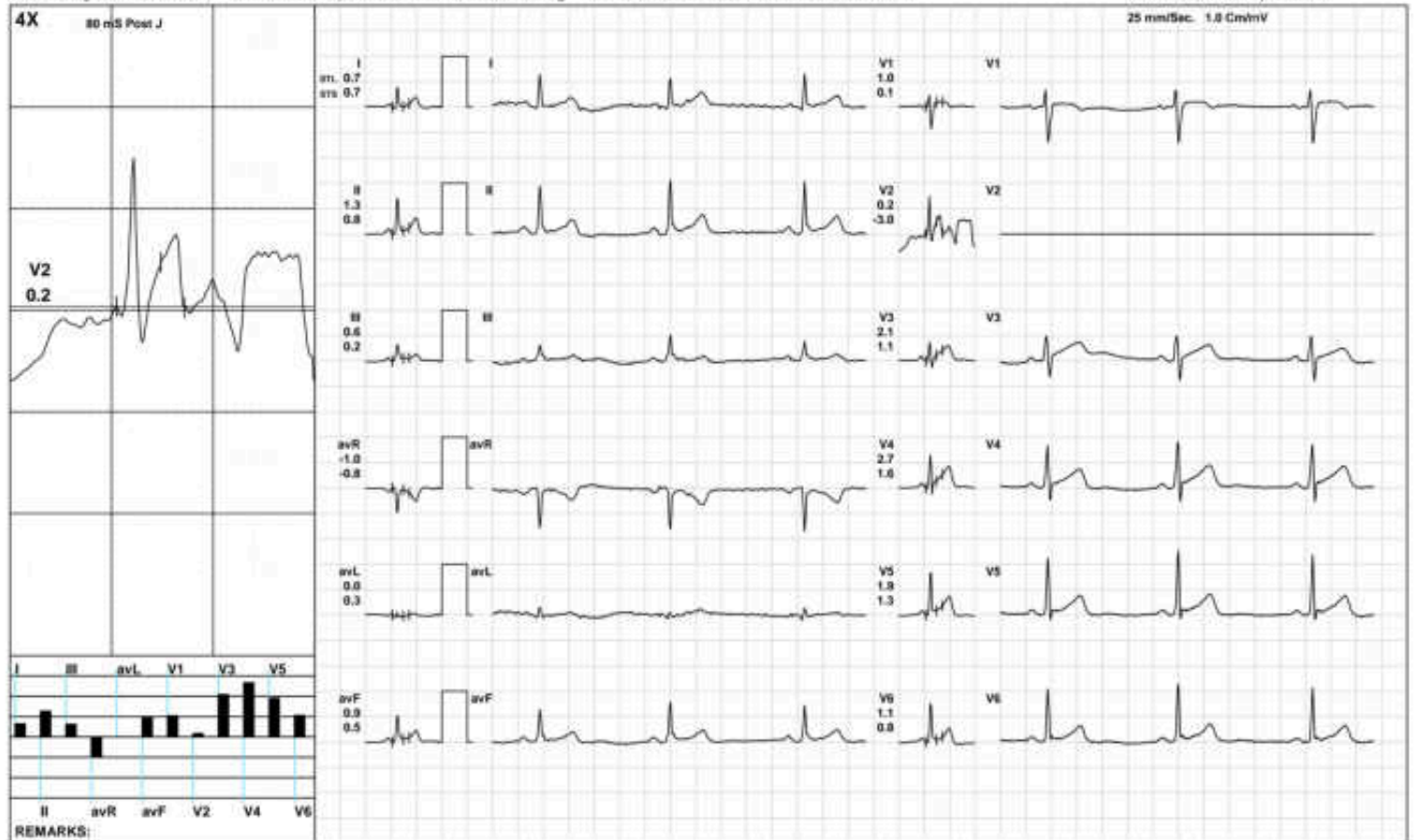
Standing



3038 / ABINASH KUMAR / 40 Yrs / M / 169 Cms / 69 Kg / HR : 56

Date: 18-Aug-2024 10:09:06 AM METS: 1.0/ 56 bpm 31% 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%



(GEM212170000)(R)Kardic by Allengers

3038 / ABINASH KUMAR / 40 Yrs / M / 169 Cms / 69 Kg / HR : 56

Date: 18-Aug-2024 10:09:06 AM METS: 1.0/ 56 bpm 31% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:15 0.0 mph 0.0%



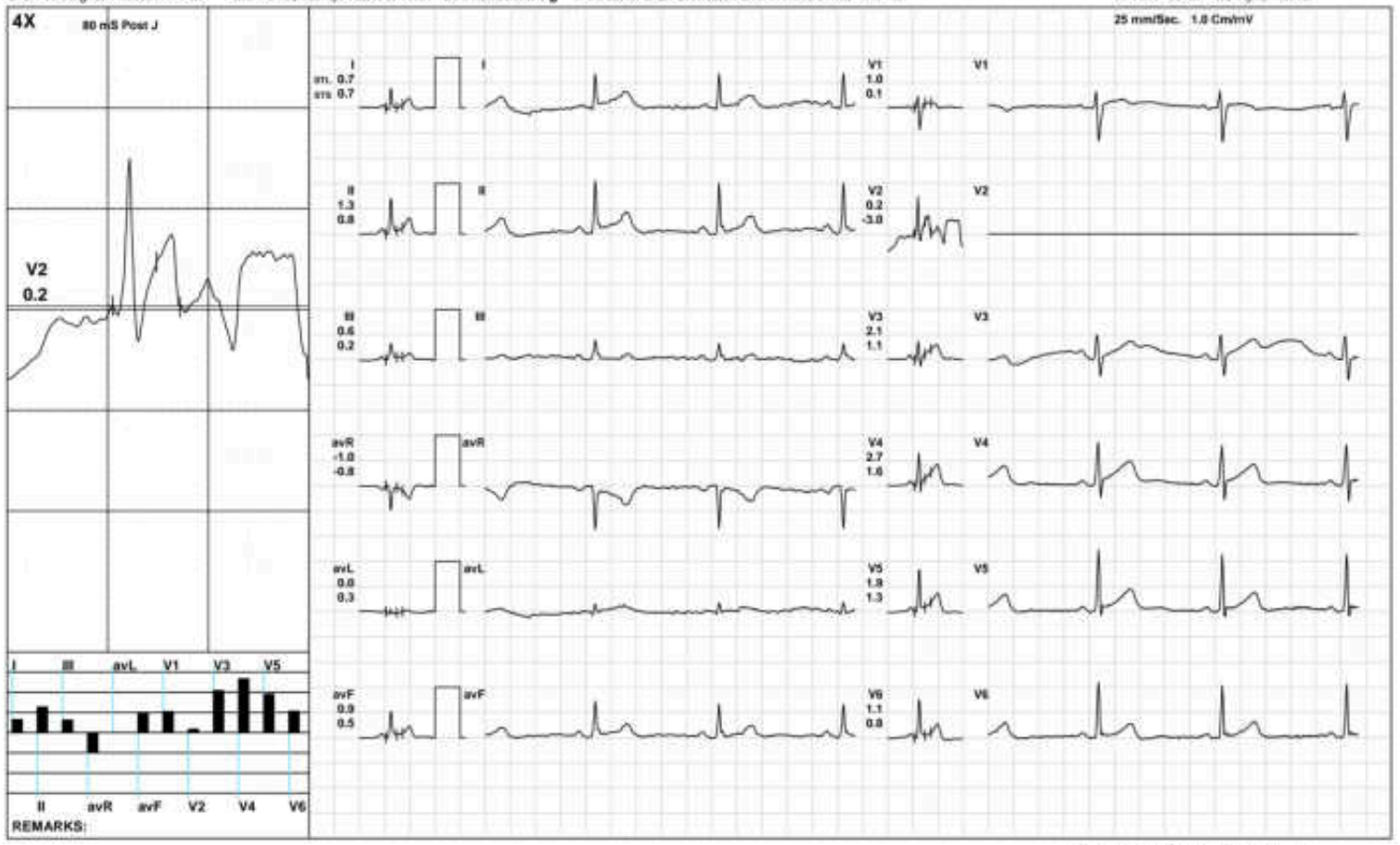
Warm Up



3038 / ABINASH KUMAR / 40 Yrs / M / 169 Cms / 69 Kg / HR : 59

Date: 18-Aug-2024 10:09:06 AM METS: 1.0/ 59 bpm 32% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:19 1.0 mph 0.0%



(GEM212170900)(R)Kardic by Allergers



ExStart



3038 / ABINASH KUMAR / 40 Yrs / M / 169 Cms / 69 Kg / HR : 88

Date: 18-Aug-2024 10:09:06 AM METS: 1.1/ 88 bpm 48% 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%



(GEM212170900)(R)Kardic by Allergers

BRUCE/Stage 1(3:00)



3038 / ABINASH KUMAR / 40 Yrs / M / 169 Cms / 69 Kg / HR : 112

Date: 18-Aug-2024 10:09:06 AM METS: 4.7/ 112 bpm 62% of THR BP: 125/85 mmHg Raw ECG/ BLC On/ Natch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 03:00 1.7 mph 10.0%



(GEM212170900)(R)Kardic by Allengers

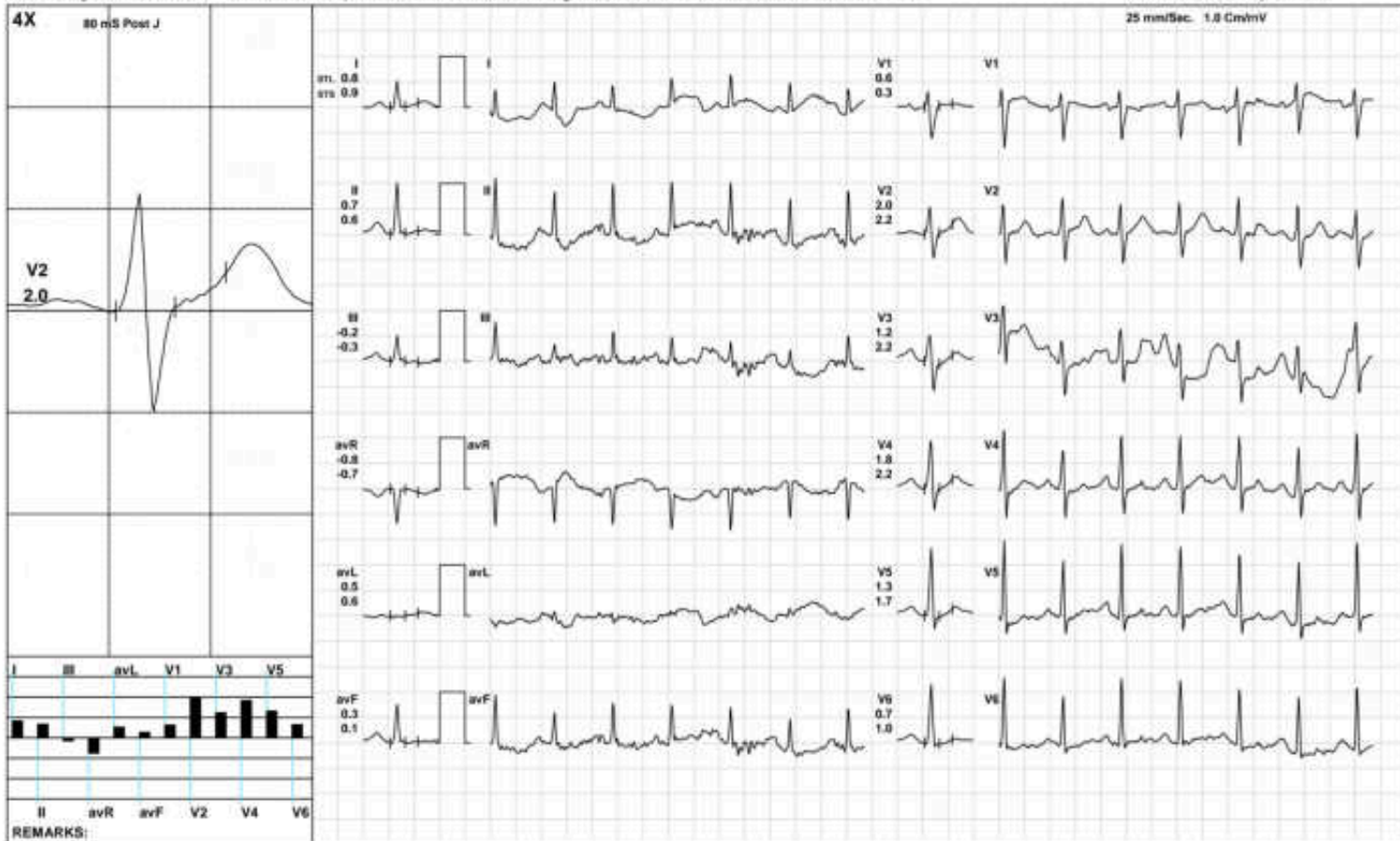
BRUCE/Stage 2(3:00)



3038 / ABINASH KUMAR / 40 Yrs / M / 169 Cms / 69 Kg / HR : 127

Date: 18-Aug-2024 10:09:06 AM METS: 7.1/ 127 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%



(GEM21217000)(R)Kardic by Allergis

BRUCE/Stage 3(3:00)



3038 / ABINASH KUMAR / 40 Yrs / M / 169 Cms / 69 Kg / HR : 148

Date: 18-Aug-2024 10:09:06 AM METS: 10.2/ 148 bpm 82% of THR BP: 135/95 mmHg Raw ECG/ BLC On/ Natch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:00 3.4 mph 14.0%



(GEM21217000)(R)Kardic by Allergers



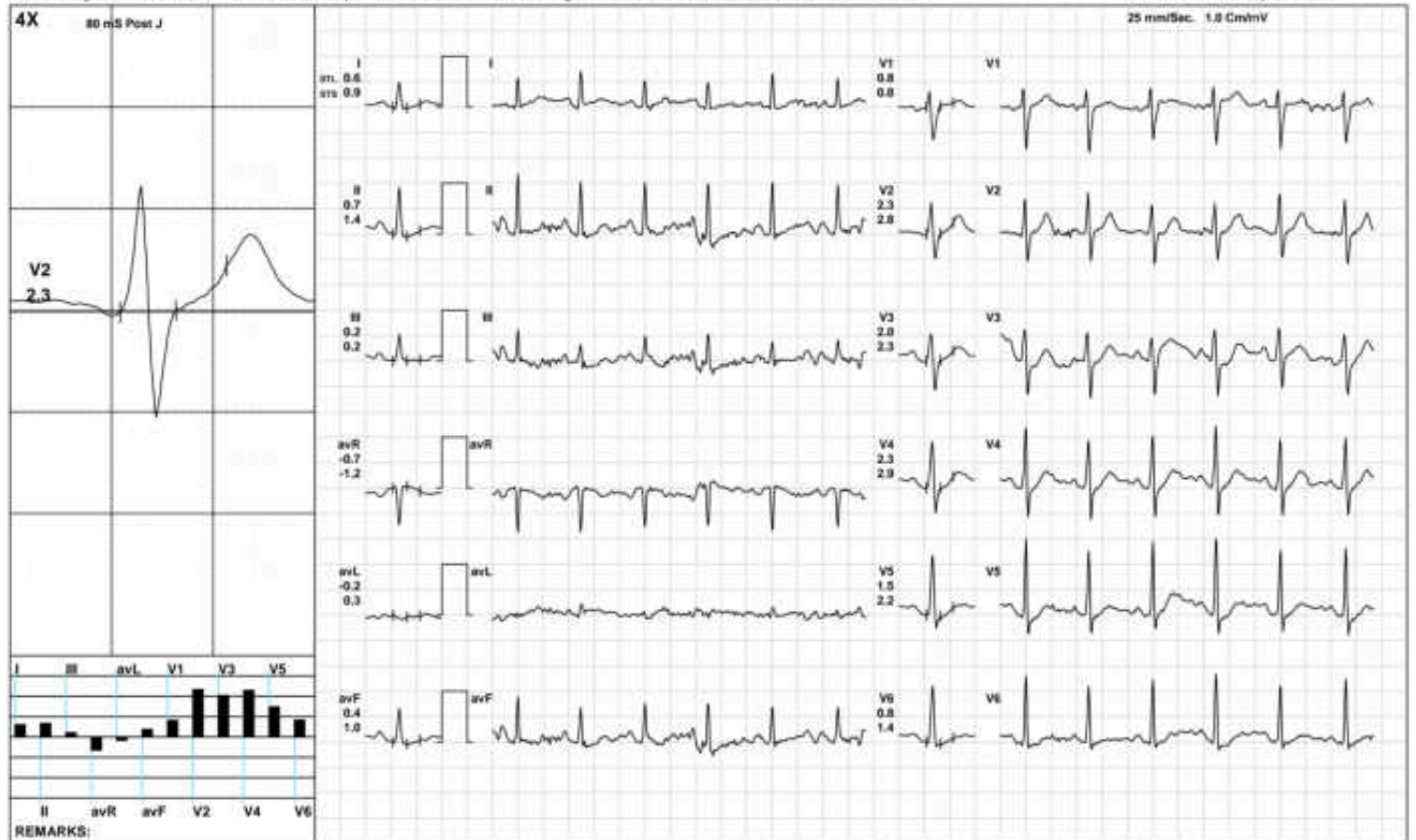
Recovery(1:00)



3038 / ABINASH KUMAR / 40 Yrs / M / 169 Cms / 69 Kg / HR : 116

Date: 18-Aug-2024 10:09:06 AM METS: 4.3/ 116 bpm 64% of THR BP: 130/90 mmHg Raw ECG/ BLC On/ Natch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:10 1.1 mph 0.0%



(GEM212170900)(R)Kardic by Allengers

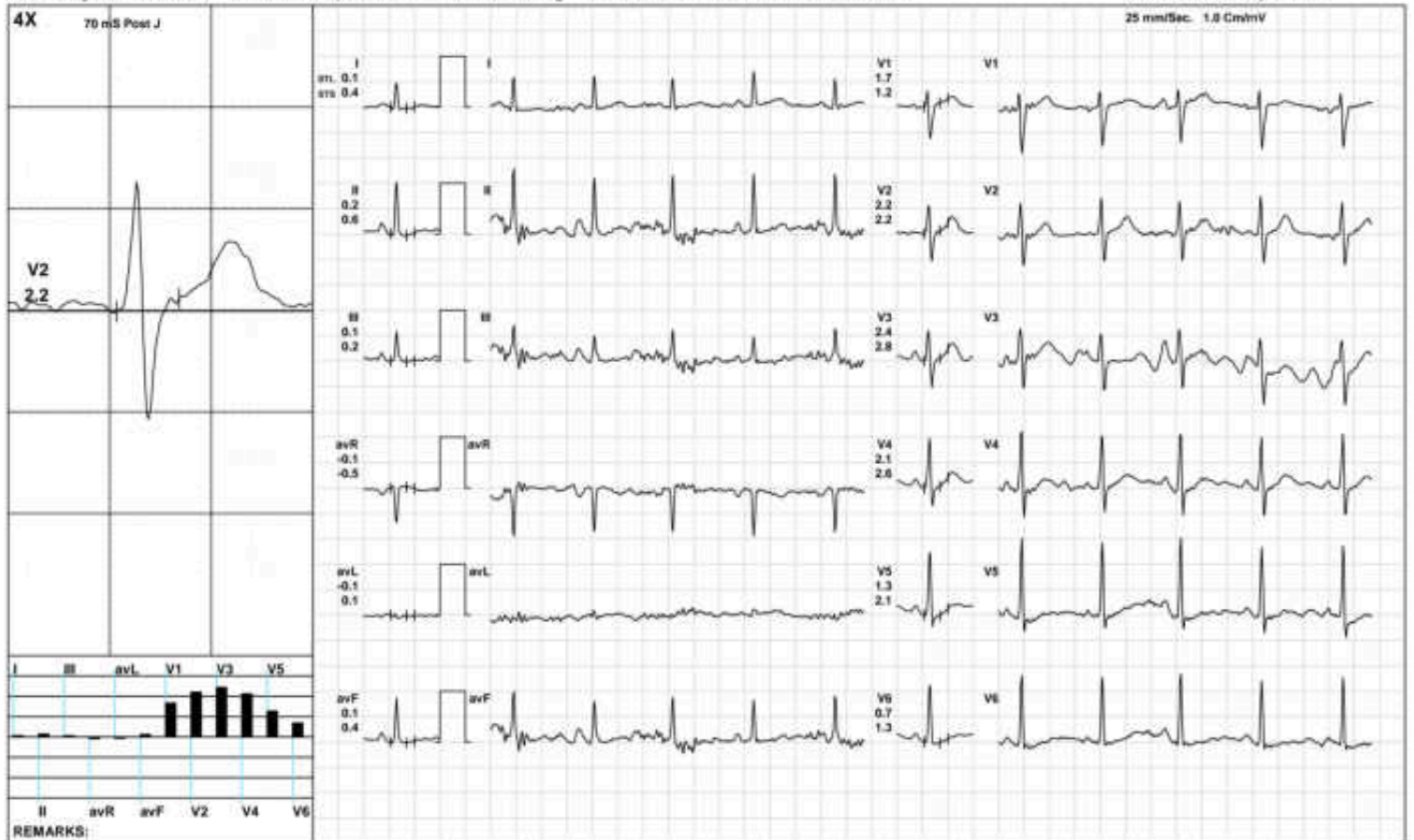
Recovery(2:00)



3038 / ABINASH KUMAR / 40 Yrs / M / 169 Cms / 69 Kg / HR : 93

Date: 18-Aug-2024 10:09:06 AM METS: 1.0/ 93 bpm 51% of THR BP: 125/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:10 1.1 mph 0.0%



(GEM21217000)(R)Kardic by Allergers

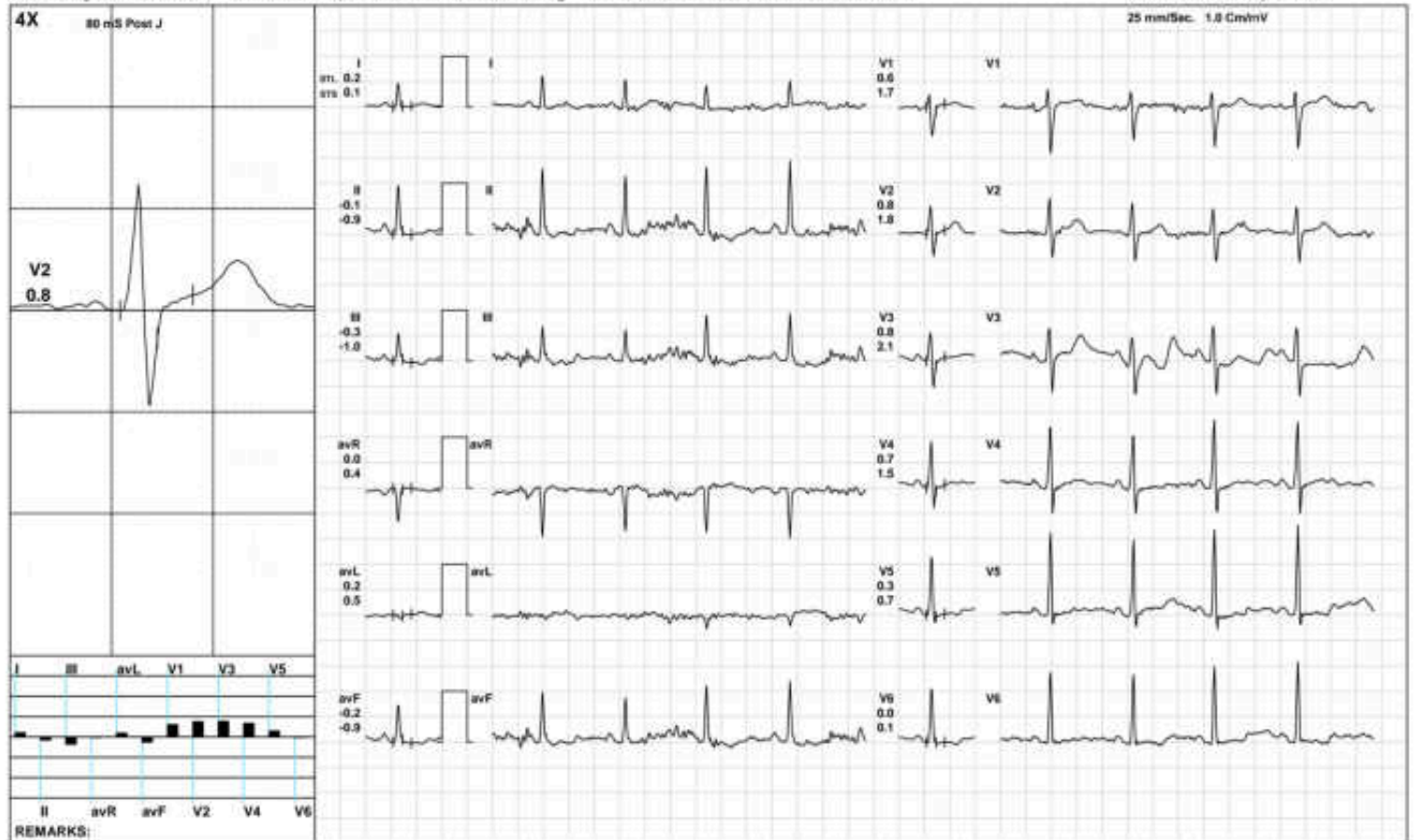
Recovery(3:16)



3038 / ABINASH KUMAR / 40 Yrs / M / 169 Cms / 69 Kg / HR : 91

Date: 18-Aug-2024 10:09:06 AM METS: 1.0/ 91 bpm 50% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:10 1.1 mph 0.0%



(GEM212170000)(R)Kardic by Allergers



ST Measurements



3038 / ABINASH KUMAR / 40 Yrs / M / 169 Cms / 69 Kg / HR : 56

Date: 18-Aug-2024 10:09:06 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	0.7	1.3	0.6	-1.0	0.0	0.9	1.0	0.2	2.1	2.7	1.9	1.1	0.7	0.8	0.2	-0.8	0.3	0.5	0.1	-3.0	1.1	1.6	1.3	0.8	
80 @mS Standing	0.7	1.3	0.6	-1.0	0.0	0.9	1.0	0.2	2.1	2.7	1.9	1.1	0.7	0.8	0.2	-0.8	0.3	0.5	0.1	-3.0	1.1	1.6	1.3	0.8	
HV	0.7	1.3	0.6	-1.0	0.0	0.9	1.0	0.2	2.1	2.7	1.9	1.1	0.7	0.8	0.2	-0.8	0.3	0.5	0.1	-3.0	1.1	1.6	1.3	0.8	
Warm Up	0.7	1.3	0.6	-1.0	0.0	0.9	1.0	0.2	2.1	2.7	1.9	1.1	0.7	0.8	0.2	-0.8	0.3	0.5	0.1	-3.0	1.1	1.6	1.3	0.8	
ExStart	1.0	1.9	0.8	-1.4	0.0	1.3	1.0	4.1	2.6	2.7	2.0	1.5	0.9	0.5	-0.4	-0.7	0.8	0.1	0.0	0.7	1.1	1.4	1.2	0.7	
Stage 1	0.3	-0.3	-0.6	0.0	0.3	-0.4	1.4	2.2	-0.1	1.5	0.4	0.1	1.8	2.4	0.5	-2.1	0.6	1.5	0.5	3.3	1.3	3.3	2.6	1.7	
Stage 2	0.8	0.7	-0.2	-0.8	0.5	0.3	0.6	2.0	1.2	1.8	1.3	0.7	0.9	0.6	-0.3	-0.7	0.6	0.1	0.3	2.2	2.2	2.2	1.7	1.0	
Stage 3	0.1	-0.7	-0.9	0.3	0.3	-0.7	0.6	0.7	0.9	0.6	0.1	-0.2	0.9	1.1	0.3	-1.0	0.1	0.6	-0.3	2.1	2.2	2.2	1.8	1.5	
PeakEx	0.7	-0.1	-1.0	-0.3	0.4	-0.5	0.4	2.0	-0.6	0.5	-0.1	-0.4	1.2	0.6	-0.7	-0.9	0.9	0.1	0.5	5.5	2.1	2.5	1.9	1.0	
Recovery	0.6	0.7	0.2	-0.7	-0.2	0.4	0.8	2.3	2.0	2.3	1.5	0.8	0.9	1.4	0.2	-1.2	0.3	1.0	0.8	2.8	2.3	2.9	2.2	1.4	
Recovery	0.1	0.2	0.1	-0.1	-0.1	0.1	1.7	2.2	2.4	2.1	1.3	0.7	0.4	0.6	0.2	-0.5	0.1	0.4	1.2	2.2	2.8	2.6	2.1	1.3	
Recovery	0.2	-0.1	-0.3	0.0	0.2	-0.2	0.6	0.8	0.8	0.7	0.3	0.0	0.1	-0.9	-1.0	0.4	0.5	-0.9	1.7	1.8	2.1	1.5	0.7	0.1	

		I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STI( $\mu$ Vs)	Supine	7.4	13.7	6.4	-10.6	0.5	10.0	5.6	9.7	16.8	22.7	17.6	11.1
	Standing	7.4	13.7	6.4	-10.6	0.5	10.0	5.6	9.7	16.8	22.7	17.6	11.1
	HV	7.4	13.7	6.4	-10.6	0.5	10.0	5.6	9.7	16.8	22.7	17.6	11.1
	Warm Up	7.4	13.7	6.4	-10.6	0.5	10.0	5.6	9.7	16.8	22.7	17.6	11.1
	ExStart	10.2	19.0	8.3	-14.4	0.2	13.3	8.0	38.0	23.3	24.8	19.1	15.5
	Stage 1	-0.1	-3.6	-3.9	1.8	1.4	-3.5	6.6	8.7	-1.4	4.7	0.1	-0.7
	Stage 2	4.1	3.1	-1.0	-3.7	2.6	1.1	4.4	10.3	4.2	8.3	5.5	2.1
	Stage 3	-1.3	-6.7	-6.6	4.0	1.3	-6.1	4.6	0.8	1.7	-0.5	-2.8	-3.4
	PeakEx	1.9	-1.3	-4.3	-0.3	-0.2	-3.0	1.2	3.4	-7.3	-1.3	-4.2	-4.3
	Recovery	2.2	1.3	1.2	-1.8	-2.0	0.2	5.1	10.7	9.9	9.7	5.2	2.3
	Recovery	0.0	1.2	0.8	-0.5	-0.9	1.2	10.3	13.5	14.0	12.5	7.2	3.6
	Recovery	1.7	-0.1	-1.8	-0.9	1.1	-0.9	3.5	6.1	3.8	4.3	1.1	-0.7

## Median Measurement Summary



3038 / ABINASH KUMAR / 40 Yrs / Male / 169 Cm / 69 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 & P.J)	Min. Post JRR Var (μV)	(%)	VEB (Counts)	Missed Beats (Counts)
00:30	85	298	49	64	404	-379	1464	-652	658	-105	avL	-70	0.00	0	0
01:00	97	138	48	66	450	216	1448	-778	372	-14	I	-81	0.00	0	0
01:30	109	110	58	58	267	-281	1392	-838	526	114	II	-2	0.00	0	0
02:00	109	44	38	58	235	-281	1362	-838	526	114	V2	-2	0.00	0	0
02:30	111	44	38	125	235	-3576	3630	-734	1428	-91	avL	-93	0.00	0	0
03:00	113	192	56	125	434	-3576	3630	-734	1428	-91	II	-93	0.00	0	0
03:30	112	194	56	58	281	-3281	1348	-1779	-448	-63	avL	-15	0.00	0	0
04:00	116	130	58	62	428	267	1385	-728	324	-74	avL	-31	0.00	0	0
04:30	122	150	82	59	287	256	1347	-774	329	68	II	-39	0.00	0	0
05:00	124	184	56	57	422	255	1317	-734	339	60	II	-33	0.00	0	0
05:30	126	180	46	54	292	251	1313	-697	339	28	II	-30	0.00	0	0
06:00	122	180	56	57	289	259	1371	-750	315	14	II	-40	0.00	0	0
06:30	128	178	46	63	289	255	1334	-706	328	-654	V3	-93	0.00	0	0
07:00	132	150	76	55	389	289	1293	-765	287	-251	V3	-113	0.00	0	0
07:30	138	132	46	53	436	243	1279	-712	-328	-673	V3	-104	0.00	0	0
08:00	139	144	48	57	302	238	1165	-722	316	-290	V3	-157	0.00	0	0
08:30	144	156	62	60	298	286	1276	-737	280	-185	V5	-85	0.00	0	0
09:00	146	154	66	53	326	370	1251	-769	317	-308	I	-167	0.00	0	0
09:30	148	148	62	55	382	321	1284	-775	366	-159	I	-161	0.00	0	0
10:00	142	140	60	65	153	287	1384	-738	377	-161	V5	-146	0.00	0	0
10:30	125	130	58	53	420	273	1324	-783	390	-63	V5	-48	0.00	0	0
11:00	103	196	72	62	420	262	1427	-846	376	75	avF	-11	0.00	0	0
11:30	93	248	46	65	372	276	1474	-894	422	-35	V5	-47	0.00	0	0
12:00	89	134	66	63	441	253	1501	-881	317	-6	V5	-42	0.00	0	0
12:30	86	270	60	62	391	227	1525	-838	259	-140	V5	-37	0.00	0	0



ISO 9001 : 2015

**AAROGYAM DIAGNOSTICS**

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

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9065875700  
info@aarogyamdiagnostics.com  
www.aarogyamdiagnostics.com

Name :- Abinash Kumar  
Refd by :- Dr. Corp

Age/Sex:-40Yrs/M  
Date:-18/08/2024

Thanks for referral.

**REPORT OF USG OF WHOLE ABDOMEN**

- Liver** :- Normal in size(13.1cm) 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. No e/o mass, calculus or sludge is seen.
- 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(9.3cm) 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 8.9cm 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 (11.4cc)& 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*



ISO 9001 : 2015

**AAROGYAM DIAGNOSTICS**

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<b>Date</b>	<b>18/08/2024</b>	<b>Srl No. 1</b>	<b>Patient Id 2408180001</b>
<b>Name</b>	<b>Mr. ABINASH KUMAR</b>	<b>Age 40 Yrs.</b>	<b>Sex M</b>
<b>Ref. By Dr.BOB</b>			

Test Name	Value	Unit	Normal Value
BOB			
HB A1C	6.2	%	

**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

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<b>Date</b>	<b>18/08/2024</b>	<b>Srl No. 1</b>	<b>Patient Id 2408180001</b>
<b>Name</b>	<b>Mr. ABINASH KUMAR</b>	<b>Age 40 Yrs.</b>	<b>Sex M</b>
<b>Ref. By Dr.BOB</b>			

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	14.1	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTE COUNT (TLC)	6,300	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	64	%	40 - 75
LYMPHOCYTE	30	%	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	4.87	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	43.2	%	40 - 54
M C V	88.71	fl.	80 - 100
M C H	28.95	Picogram	27.0 - 31.0
M C H C	<b>32.6</b>	gm/dl	33 - 37
PLATELET COUNT	2.14	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"A"		
RH TYPING	POSITIVE		
BLOOD SUGAR FASTING	94.9	mg/dl	70 - 110
SERUM CREATININE	1.06	mg%	0.7 - 1.4
BLOOD UREA	26.8	mg /dl	15.0 - 45.0
SERUM URIC ACID	<b>7.11</b>	mg%	3.4 - 7.0
<b><u>LIVER FUNCTION TEST (LFT)</u></b>			



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**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

<b>Date</b>	<b>18/08/2024</b>	<b>Srl No. 1</b>	<b>Patient Id 2408180001</b>
<b>Name</b>	<b>Mr. ABINASH KUMAR</b>	<b>Age 40 Yrs.</b>	<b>Sex M</b>
<b>Ref. By Dr.BOB</b>			

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	1.61	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.45	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	1.16	mg/dl	0.00 - 0.70
TOTAL PROTEIN	7.41	gm/dl	6.6 - 8.3
ALBUMIN	3.98	gm/dl	3.4 - 5.2
GLOBULIN	3.43	gm/dl	2.3 - 3.5
A/G RATIO	1.16		
SGOT	30.5	IU/L	5 - 40
SGPT	18.9	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	71.2	U/L	40.0 - 130.0
GAMMA GT	21.8	IU/L	8.0 - 71.0

**LFT INTERPRET****LIPID PROFILE**

TRIGLYCERIDES	59.7	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	166.8	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	39.8	mg/dL	35.1 - 88.0
V L D L	11.94	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	115.06	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	4.191		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	2.891		0.00 - 3.55
THYROID PROFILE			
QUANTITY	20	ml.	



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<b>Date</b>	<b>18/08/2024</b>	<b>Srl No. 1</b>	<b>Patient Id 2408180001</b>
<b>Name</b>	<b>Mr. ABINASH KUMAR</b>	<b>Age 40 Yrs.</b>	<b>Sex M</b>
<b>Ref. By Dr.BOB</b>			

Test Name	Value	Unit	Normal Value
COLOUR	PALE YELLOW		
TRANSPARENCY	CLEAR		
SPECIFIC GRAVITY	1.020		
PH	6.5		
ALBUMIN	NIL		
SUGAR	NIL		
<b>MICROSCOPIC EXAMINATION</b>			
PUS CELLS	1-2	/HPF	
RBC'S	NIL	/HPF	
CASTS	NIL		
CRYSTALS	NIL		
EPITHELIAL CELLS	1-3	/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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<b>Date</b>	<b>18/08/2024</b>	<b>Srl No.</b>	<b>1</b>	<b>Patient Id</b>	<b>2408180001</b>
<b>Name</b>	<b>Mr. ABINASH KUMAR</b>	<b>Age</b>	<b>40 Yrs.</b>	<b>Sex</b>	<b>M</b>
<b>Ref. By</b>	<b>Dr.BOB</b>				

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	18/08/2024	Srl No.	1	Patient Id	2408180001
Name	Mr. ABINASH KUMAR	Age	40 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
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## BIOCHEMISTRY

BLOOD SUGAR PP	131.0	mg/dl	80 - 160
BOB			

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

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



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: UB5195GJ2009PLC057059



40804100455

**TEST REPORT**

<b>Reg.No</b> : 40804100455	<b>Reg.Date</b> : 19-Aug-2024 13:16	<b>Collection</b> : 19-Aug-2024 13:16
<b>Name</b> : ABINASH KUMAR		<b>Received</b> : 19-Aug-2024 13:16
<b>Age</b> : 40 Years	<b>Sex</b> : Male	<b>Report</b> : 19-Aug-2024 14:43
<b>Referred By</b> : AAROGYAM DIAGNOSTICS @ PATNA		<b>Dispatch</b> : 19-Aug-2024 15:03
<b>Referral Dr</b> : □	<b>Status</b> : Final	<b>Location</b> : 41 - PATNA

Test Name	Results	Units	Bio. Ref. Interval
<b>THYROID FUNCTION TEST</b>			
T3 (triiodothyronine), Total <small>C/MIA</small>	0.93	ng/mL	0.70 - 2.04
T4 (Thyroxine), Total <small>C/MIA</small>	8.23	µg/dL	4.6 - 10.5
TSH (Thyroid stimulating hormone) <small>C/MIA</small>	H 5.391	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. Hiral Arora**  
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