



भारत सरकार

GOVERNMENT OF INDIA

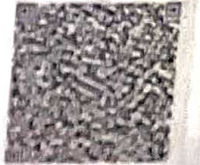


विवेकानन्द सिन्हा

Bibekanand Sinha

जन्म तारीख/DOB:13/02/1978

पुरुष Male



6073 4109 3007

आधार - आम आदमी का अधिकार

ID: 125

28-10-2023 11:43:33 AM ⁸⁹¹-12

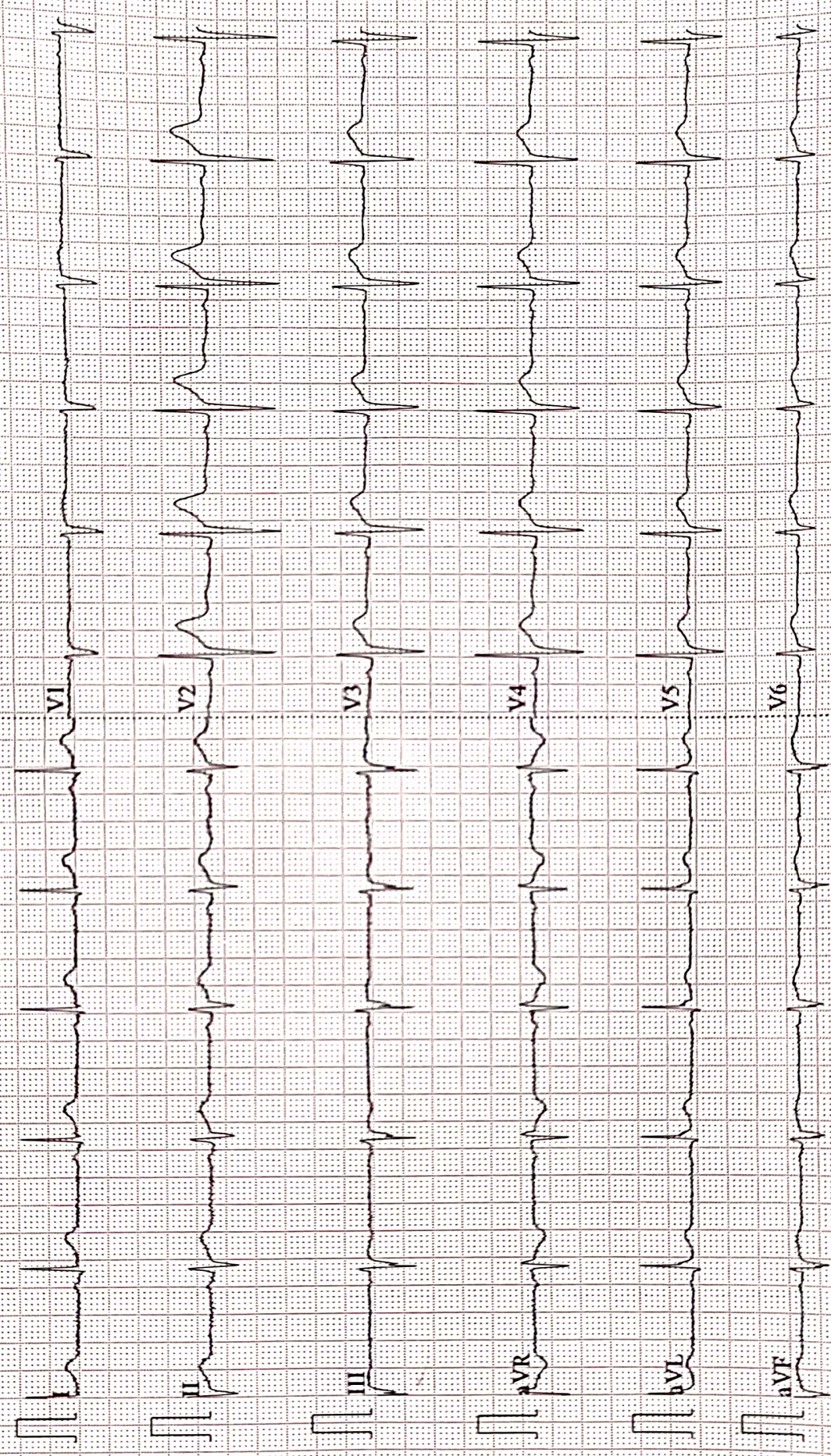
Bibekanda Sinha
Male 45 Years

Diagnosis Information:

Sinus Rhythm
Normal ECG

HR : 66 bpm
P : 91 ms
PR : 151 ms
QRS : 96 ms
QT/QTc : 356/375 ms
P/QRS/T : 71-11/24 °
RV5/SV1 : 0.87/40.5/14 mV

Ref-Phys. :
Report Confirmed by:





Name :- Bibekanand Sinha
Refd by :- Corp.

Age/Sex :- 45Yrs/M
Date :-28/10/23

Thanks for referral.

REPORT OF USG OF WHOLE ABDOMEN

- Liver** :- Mild enlarged in size(14.6cm) with slightly 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** :- Mild enlarged in size(12.2cm)with normal echotexture. No focal lesion is seen. No evidence of varices is noticed.
- Kidneys** :- Right kidney is normal in size & position. **There is small cortical cyst of measuring size 2.2cm x 1.8cm seen in mid/lower pole.** No evidence of calculus or hydronephrosis is seen.
Left kidney is 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 10.5cm and Left Kidney measures 10.6cm.
- Ureters** :- Ureters are not dilated.
- U. Bladder:-** It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Prostate** :- Normal in size (18.4cc)& echotexture.
- Others** :- No ascites or abdominal adenopathy is seen.
No free subphrenic / basal pleural space collection is seen.

IMPRESSION:- *Mild Hepatosplenomegaly with Mild Fatty Liver.
Right Renal Small Cortical Cyst. (Bosniak Type I).
Otherwise Normal Scan.*

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

AAROGYAM DIAGNOSTICS
PATNA

Report



(GEM212170906)(R)Kardic by Allengers

2298 / BIBEKANAND SINHA / 45 Yrs / M / 168 Cms / 75 Kg Date: 28-Oct-2023 Technician : RESHMA ALI

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	46 %	120/80	096	00	
Standing	00:09	0:01	00.0	00.0	01.0	75	43 %	120/80	090	00	
HV	00:17	0:01	00.0	00.0	01.0	083	47 %	120/80	099	00	
Warm Up	00:24	0:01	01.0	00.0	01.0	083	47 %	120/80	099	00	
ExStart	00:41	0:06	01.7	10.0	01.1	104	59 %	120/80	124	00	
BRUCE/ Stage 1	03:41	3:00	01.7	10.0	04.7	128	73 %	120/80	153	00	
BRUCE/ Stage 2	06:41	3:00	02.5	12.0	07.1	144	82 %	125/85	180	00	
BRUCE/ Stage 3	09:41	3:00	03.4	14.0	10.2	175	100 %	130/90	227	00	
PeakEx	09:44	3:00	03.4	14.0	10.3	175	100 %	130/90	227	00	
Recovery	10:43	1:00	01.1	00.0	04.3	149	85 %	125/85	186	00	
Recovery	11:43	2:00	01.1	00.0	01.0	134	77 %	120/80	160	00	
Recovery	12:28	2:44	01.1	00.0	01.0	133	76 %	120/80	159	00	

Findings :

Exercise Time : 09:04
Max HR Attained : 175 bpm 100% of Target 175
Max BP Attained : (Sys) 130/90
Max WorkLoad Attained : 10.3 Good response to induced stress
Max ST Dep Lead & Value : avL & -1.0 mm in Recovery mm
Test End Reasons : Test Complete

Report :

AAROGYAM DIAGNOSTICS

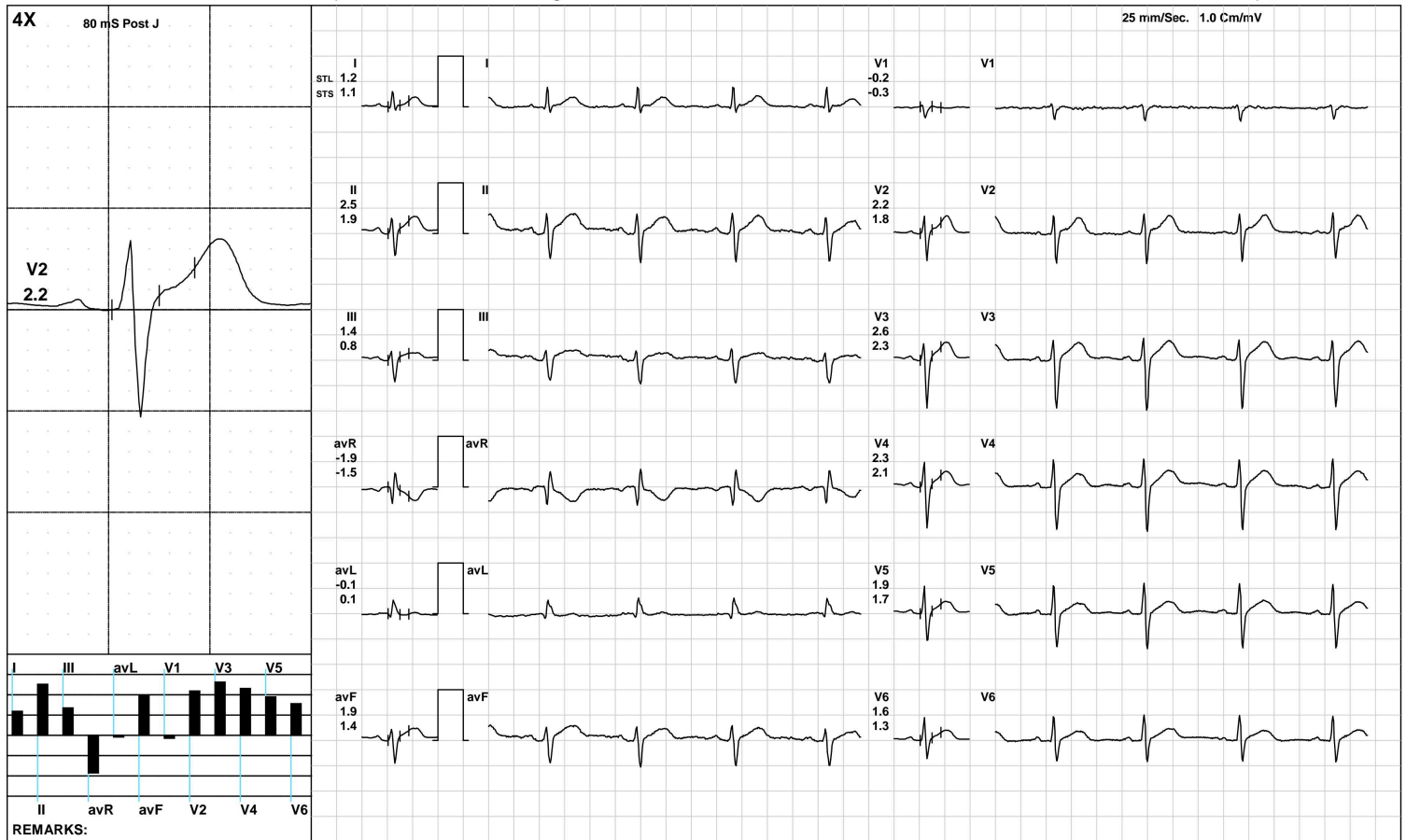
2298 / BIBEKANAND SINHA / 45 Yrs / M / 168 Cms / 75 Kg / HR : 80

Supine



Date: 28-Oct-2023 12:57:26 PM METS: 1.0/ 80 bpm 45% 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%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTICS

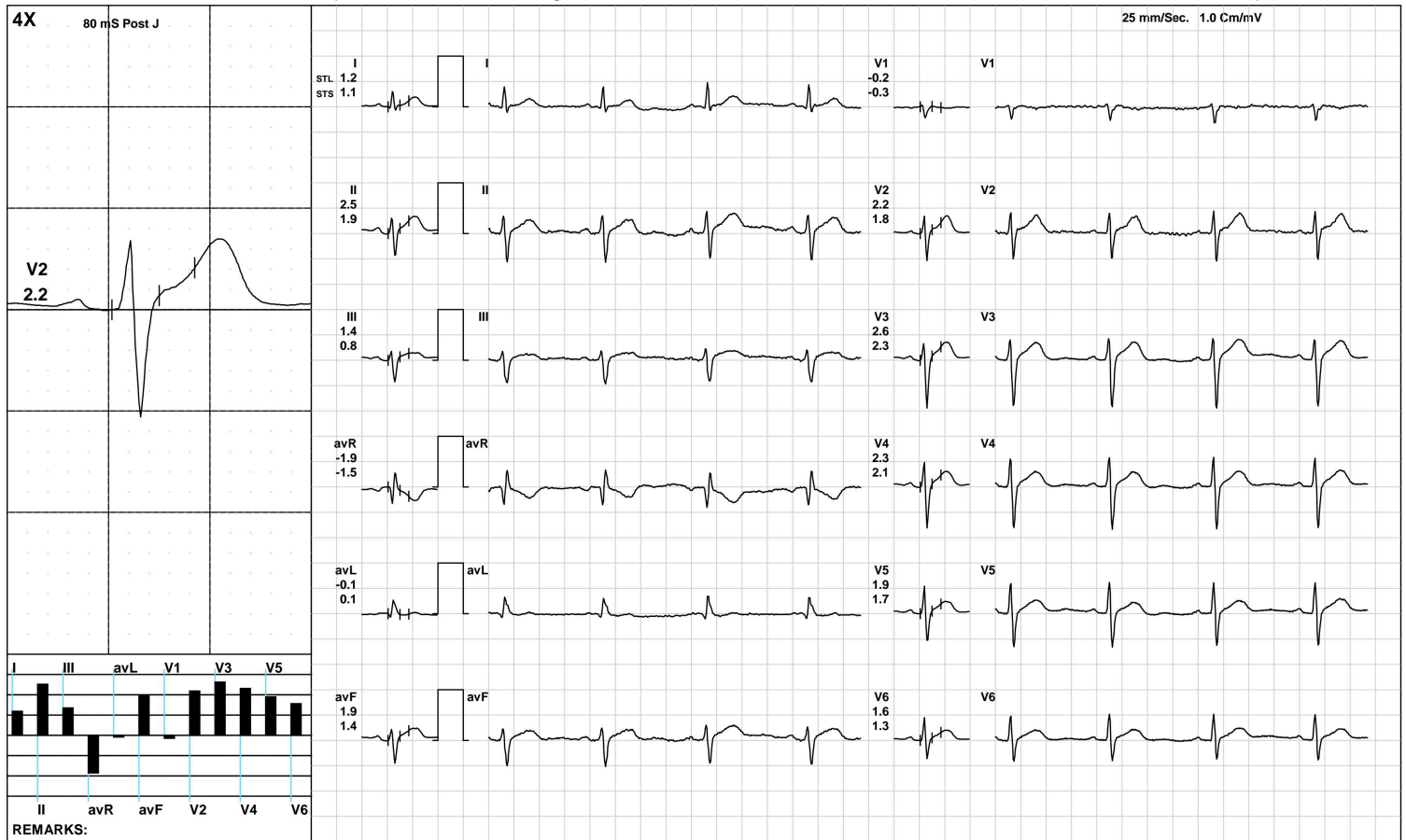
Standing



2298 / BIBEKANAND SINHA / 45 Yrs / M / 168 Cms / 75 Kg / HR : 75

Date: 28-Oct-2023 12:57:26 PM METS: 1.0/ 75 bpm 42% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:09 0.0 mph, 0.0%



AAROGYAM DIAGNOSTICS

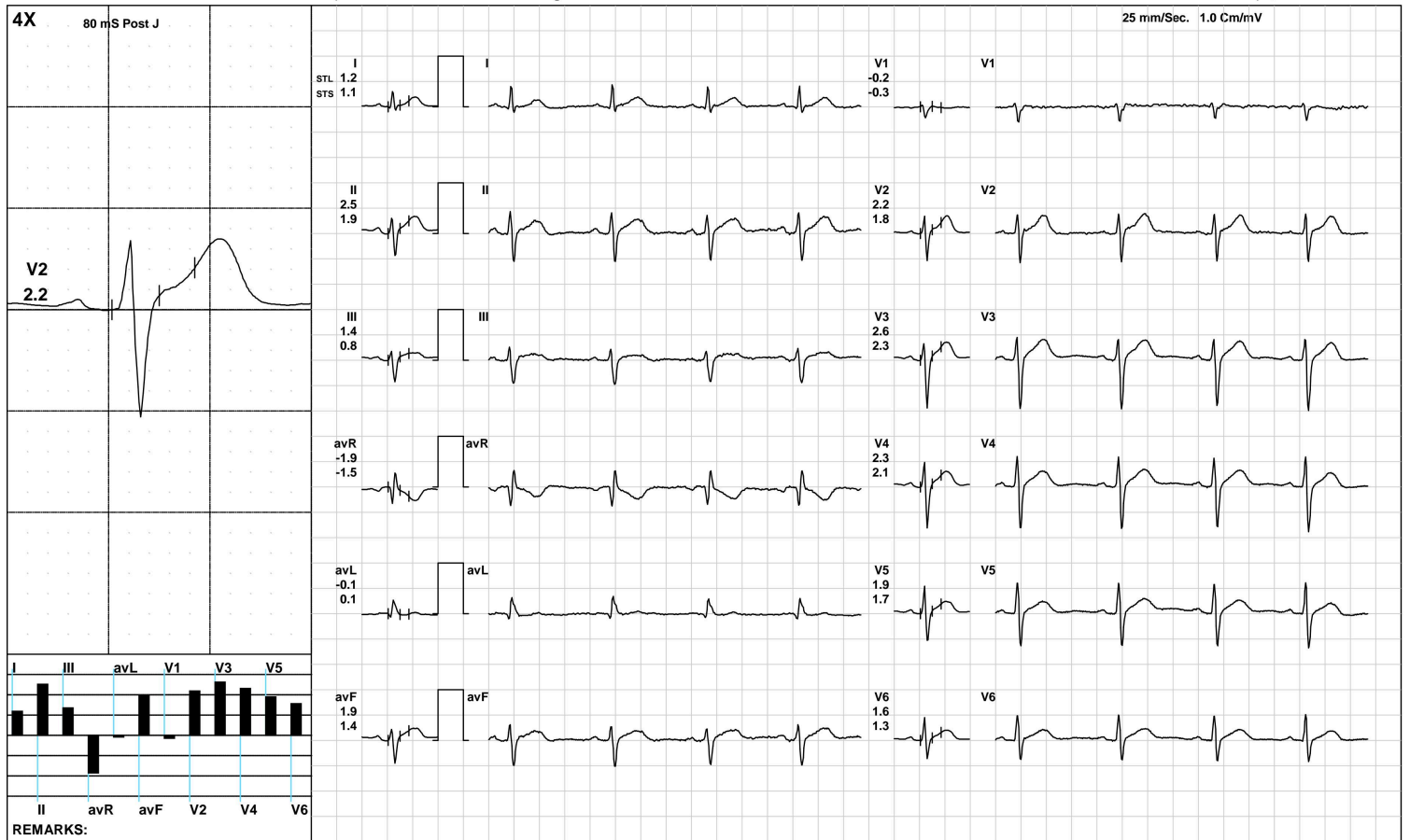
HV



2298 / BIBEKANAND SINHA / 45 Yrs / M / 168 Cms / 75 Kg / HR : 83

Date: 28-Oct-2023 12:57:26 PM METS: 1.0/ 83 bpm 47% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:17 0.0 mph, 0.0%



AAROGYAM DIAGNOSTICS

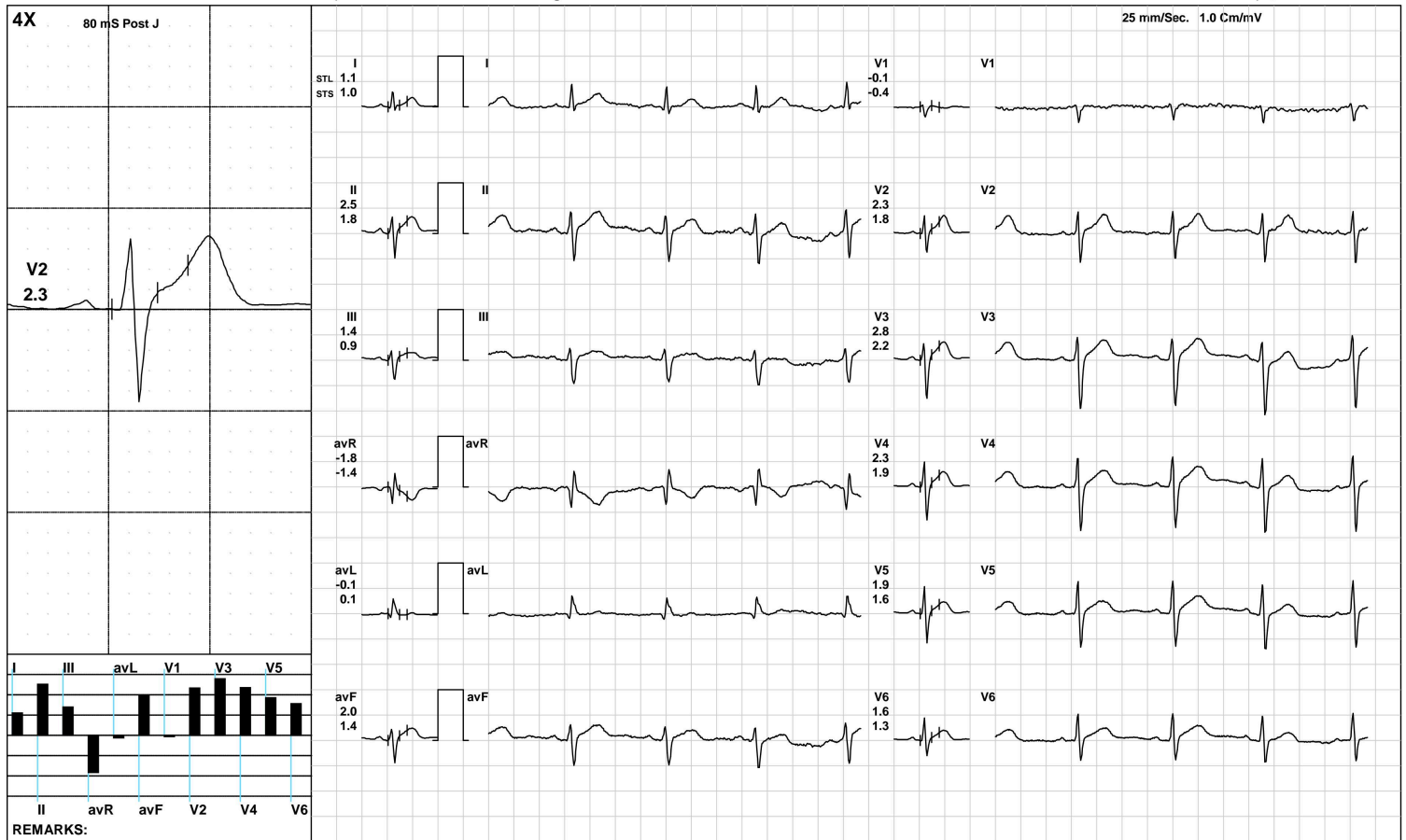
Warm Up



2298 / BIBEKANAND SINHA / 45 Yrs / M / 168 Cms / 75 Kg / HR : 83

Date: 28-Oct-2023 12:57:26 PM METS: 1.0/ 83 bpm 47% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:24 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTICS

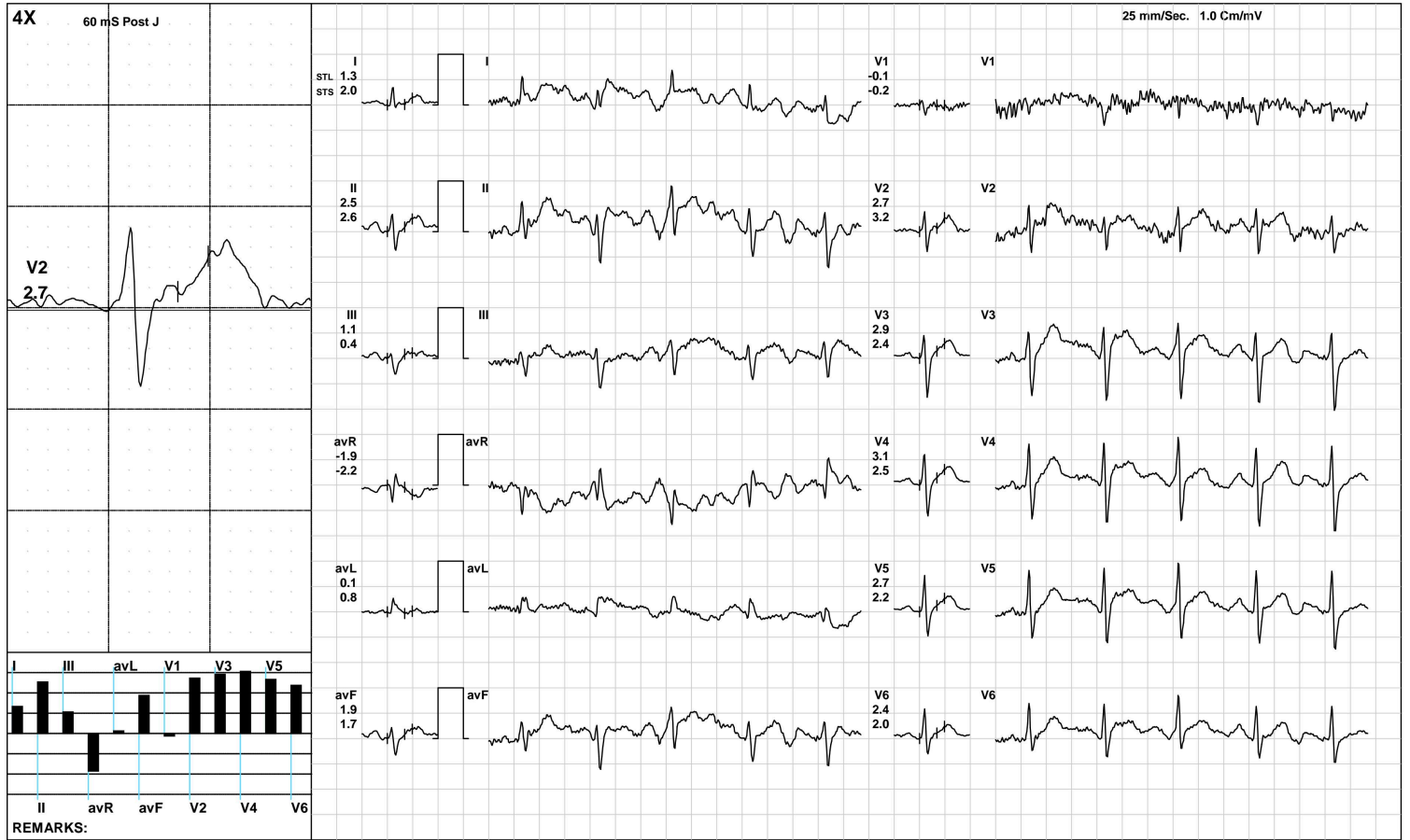
ExStart



2298 / BIBEKANAND SINHA / 45 Yrs / M / 168 Cms / 75 Kg / HR : 104

Date: 28-Oct-2023 12:57:26 PM METS: 1.1/ 104 bpm 59% 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)



2298 / BIBEKANAND SINHA / 45 Yrs / M / 168 Cms / 75 Kg / HR : 128

Date: 28-Oct-2023 12:57:26 PM METS: 4.7/ 128 bpm 73% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 03:00 1.7 mph, 10.0%



AAROGYAM DIAGNOSTICS

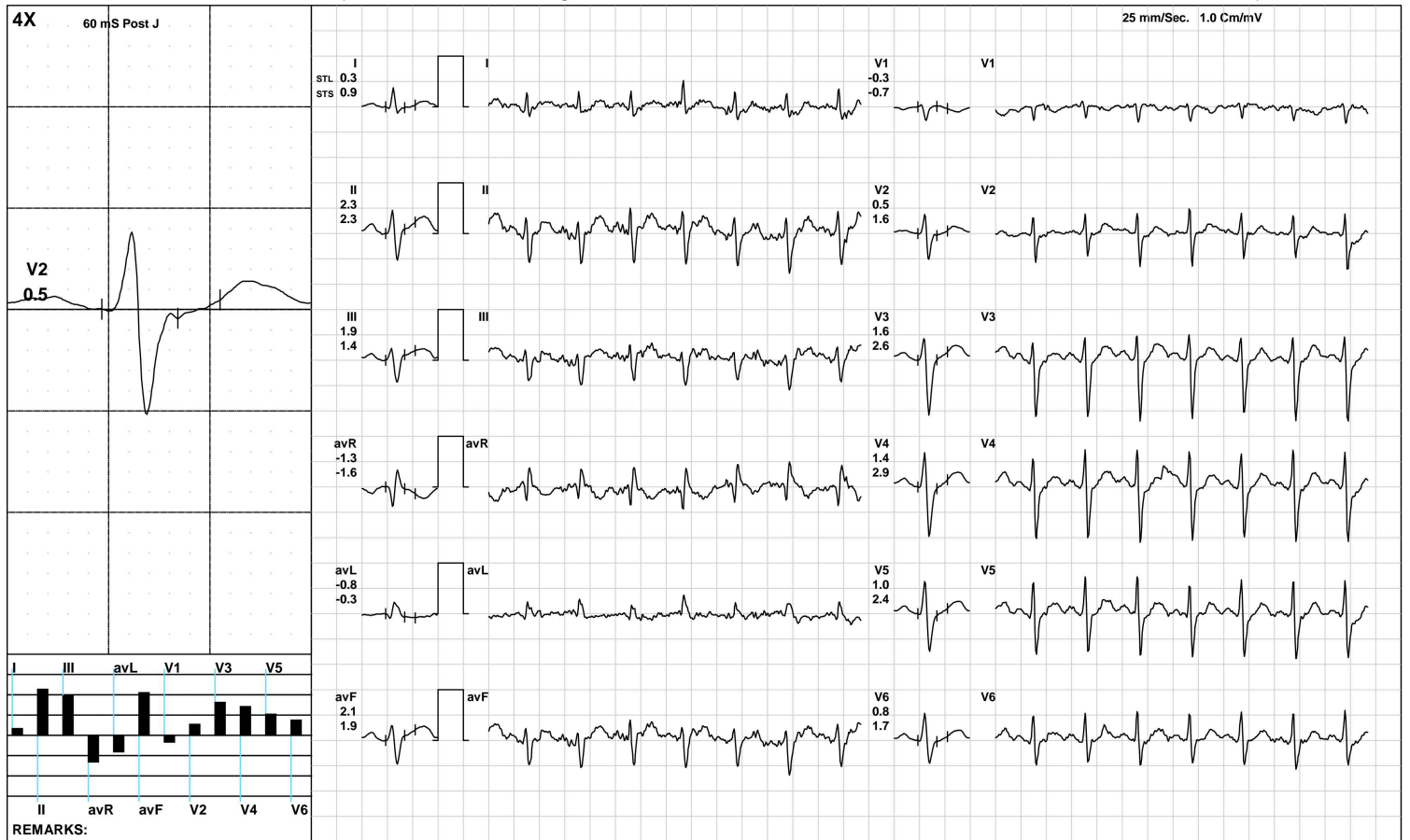
BRUCE/:Stage 2(3:00)



2298 / BIBEKANAND SINHA / 45 Yrs / M / 168 Cms / 75 Kg / HR : 144

Date: 28-Oct-2023 12:57:26 PM METS: 7.1/ 144 bpm 82% of THR BP: 125/85 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

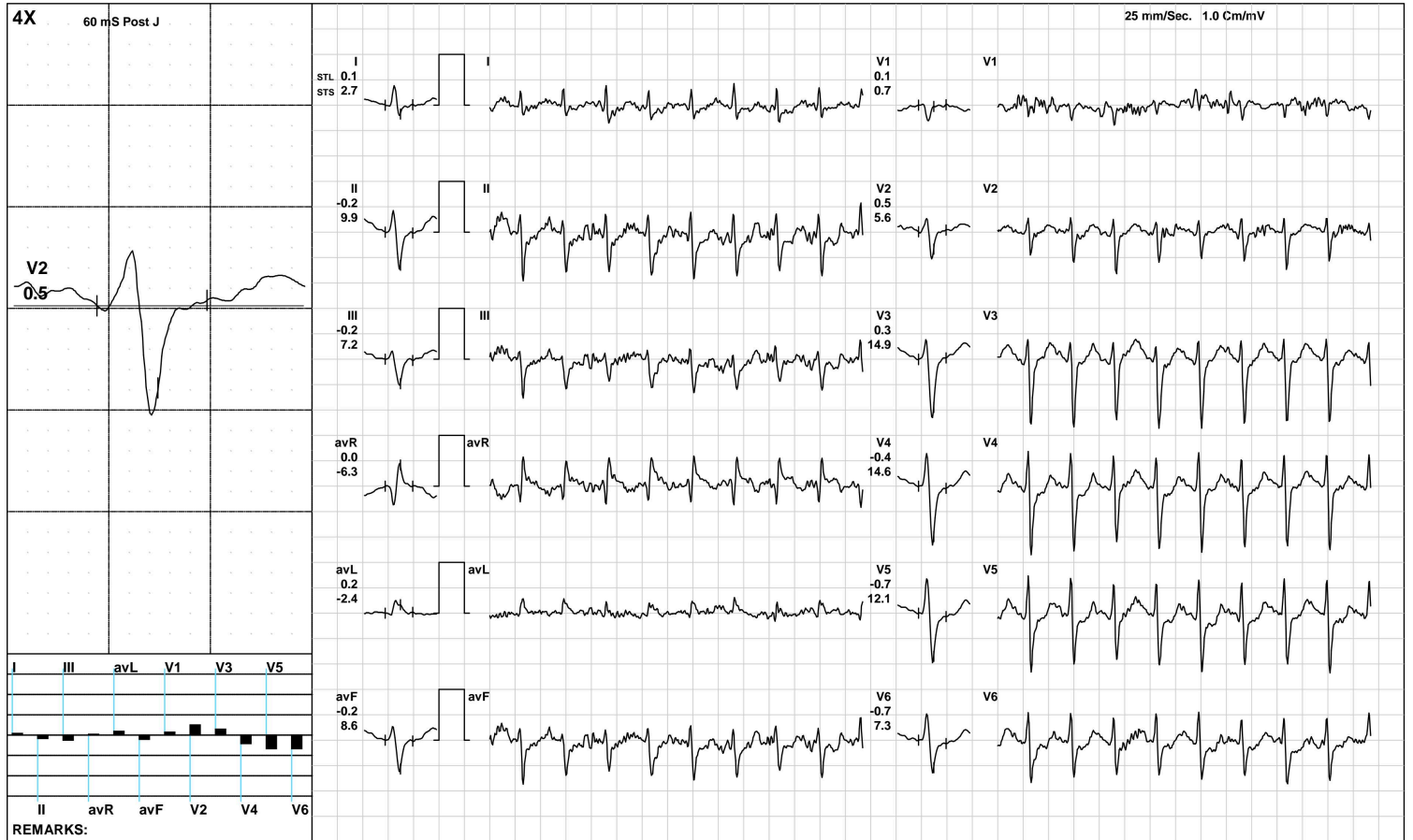
BRUCE/:Stage 3(3:00)



2298 / BIBEKANAND SINHA / 45 Yrs / M / 168 Cms / 75 Kg / HR : 175

Date: 28-Oct-2023 12:57:26 PM METS: 10.2/ 175 bpm 100% of THR BP: 130/90 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

AAROGYAM DIAGNOSTICS

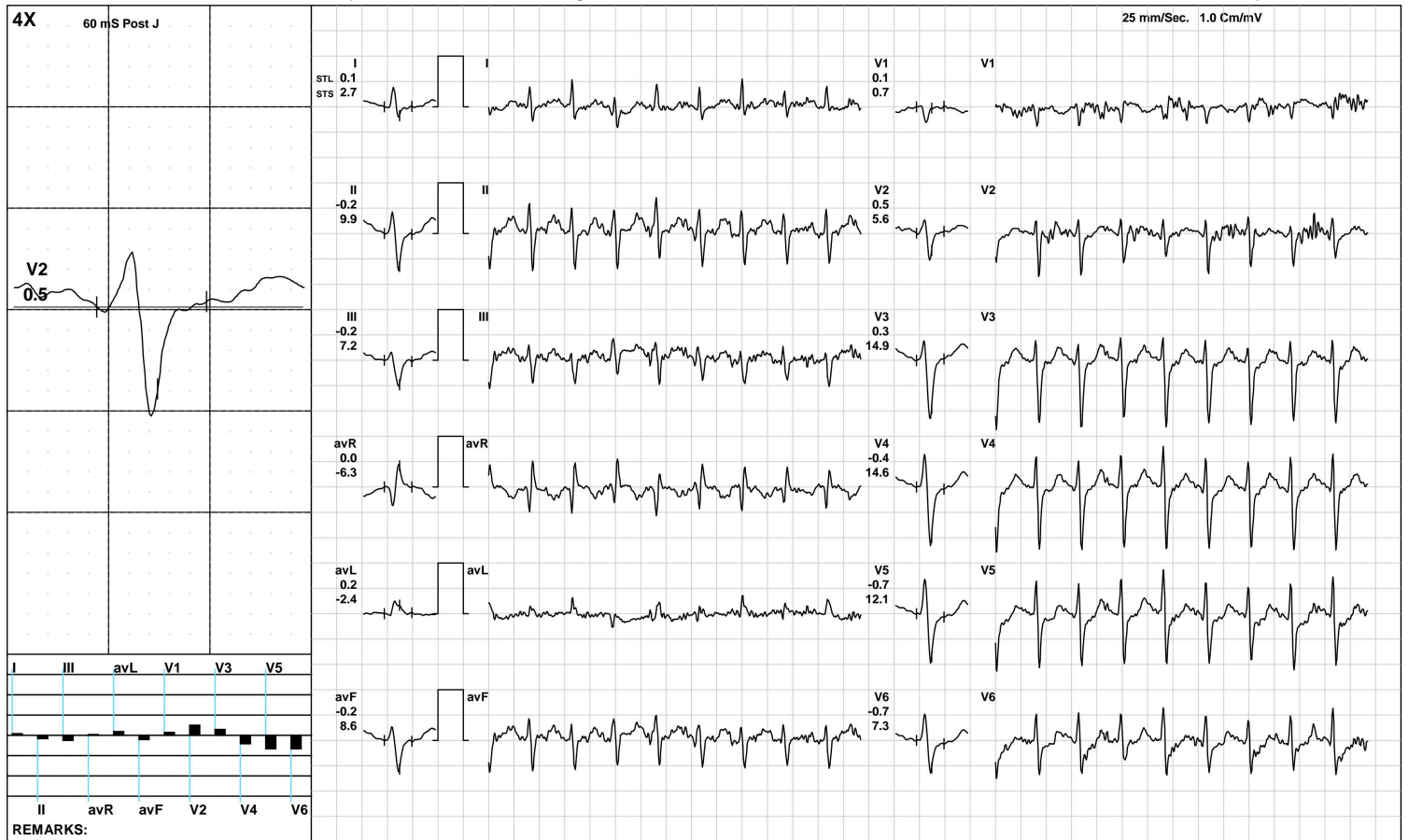
PeakEx



2298 / BIBEKANAND SINHA / 45 Yrs / M / 168 Cms / 75 Kg / HR : 175

Date: 28-Oct-2023 12:57:26 PM METS: 10.3/ 175 bpm 100% of THR BP: 130/90 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

AAROGYAM DIAGNOSTICS

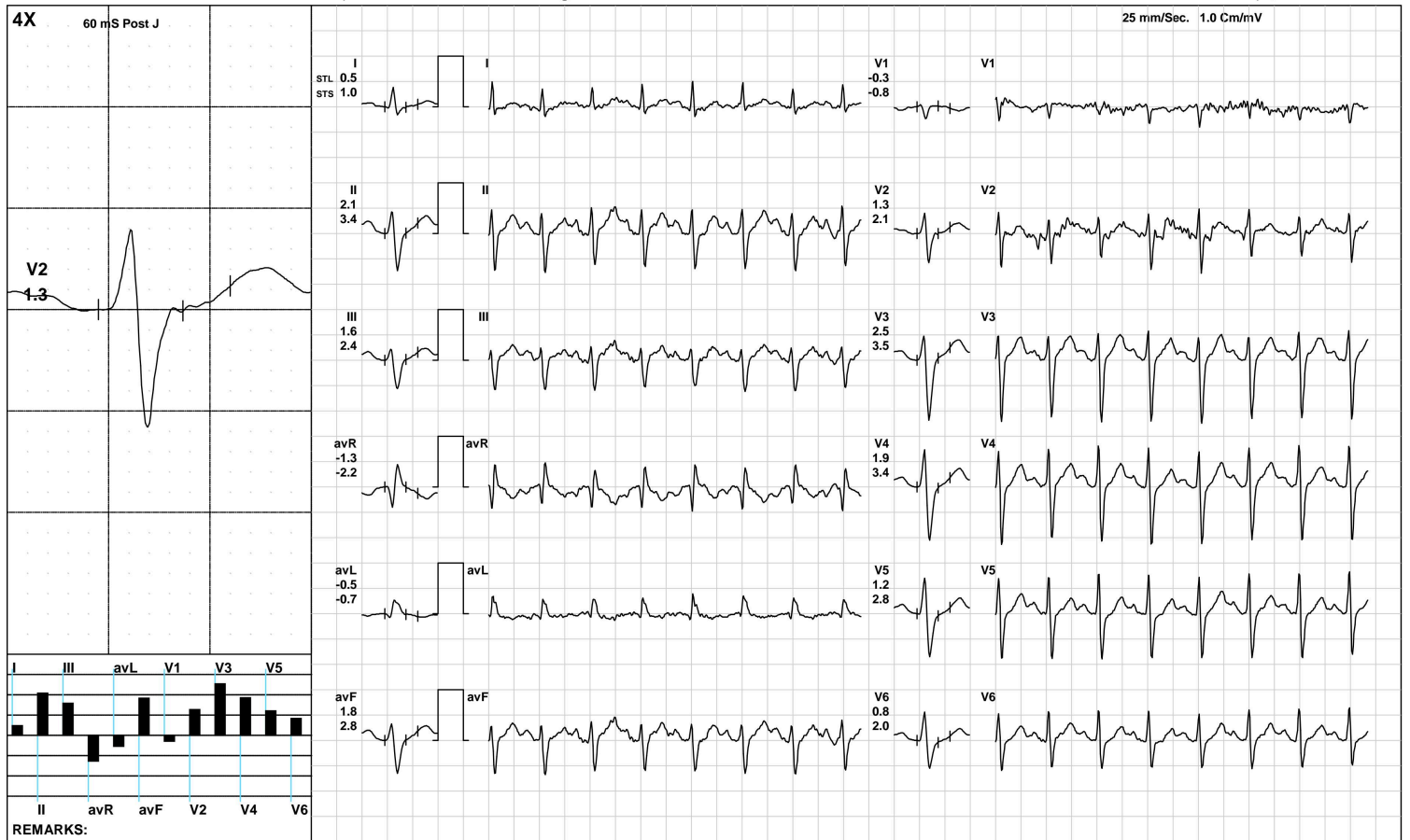
Recovery(1:00)



2298 / BIBEKANAND SINHA / 45 Yrs / M / 168 Cms / 75 Kg / HR : 149

Date: 28-Oct-2023 12:57:26 PM METS: 4.3/ 149 bpm 85% of THR BP: 125/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:04 1.1 mph, 0.0%



AAROGYAM DIAGNOSTICS

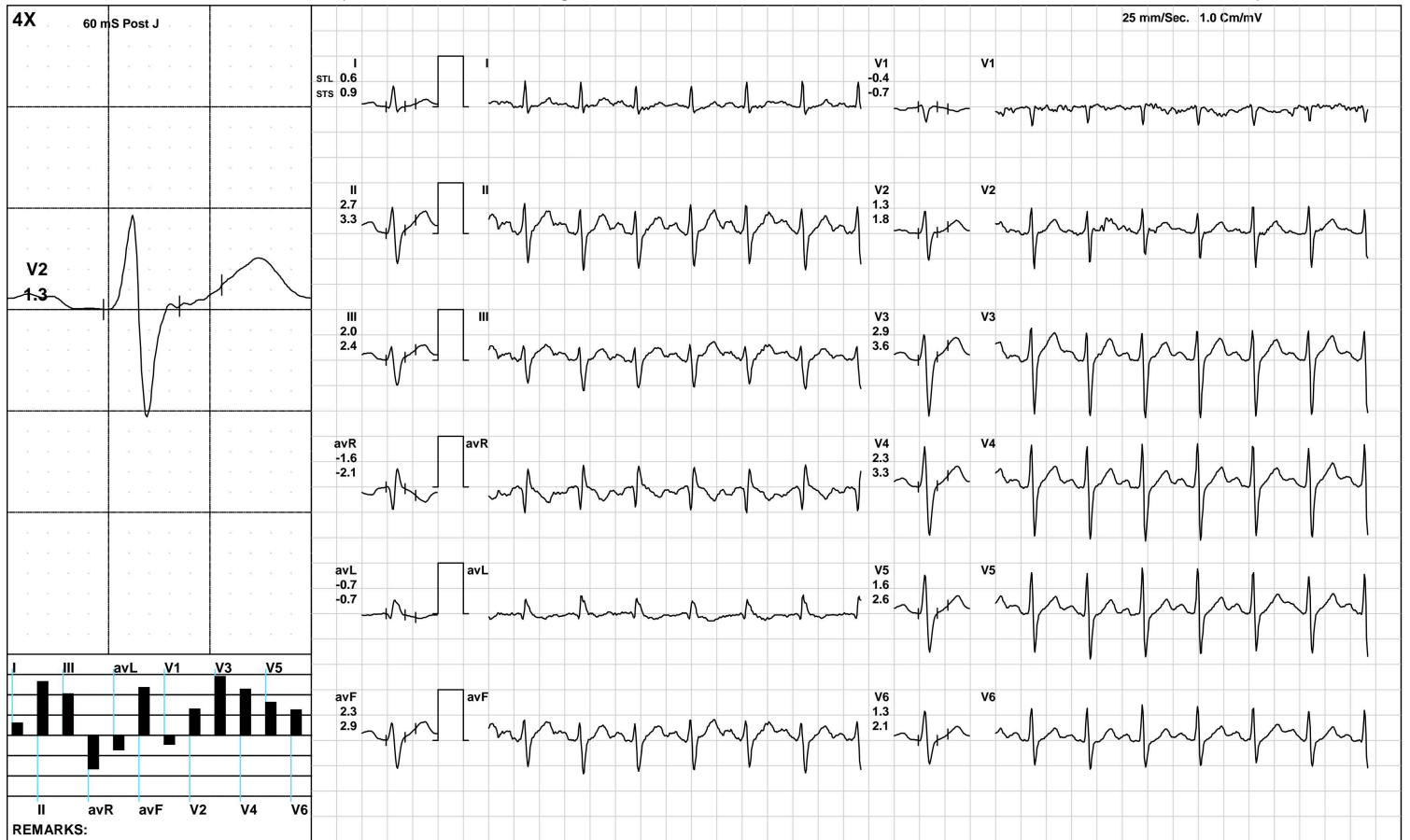
Recovery(2:00)



2298 / BIBEKANAND SINHA / 45 Yrs / M / 168 Cms / 75 Kg / HR : 134

Date: 28-Oct-2023 12:57:26 PM METS: 1.0/ 134 bpm 76% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:04 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTICS

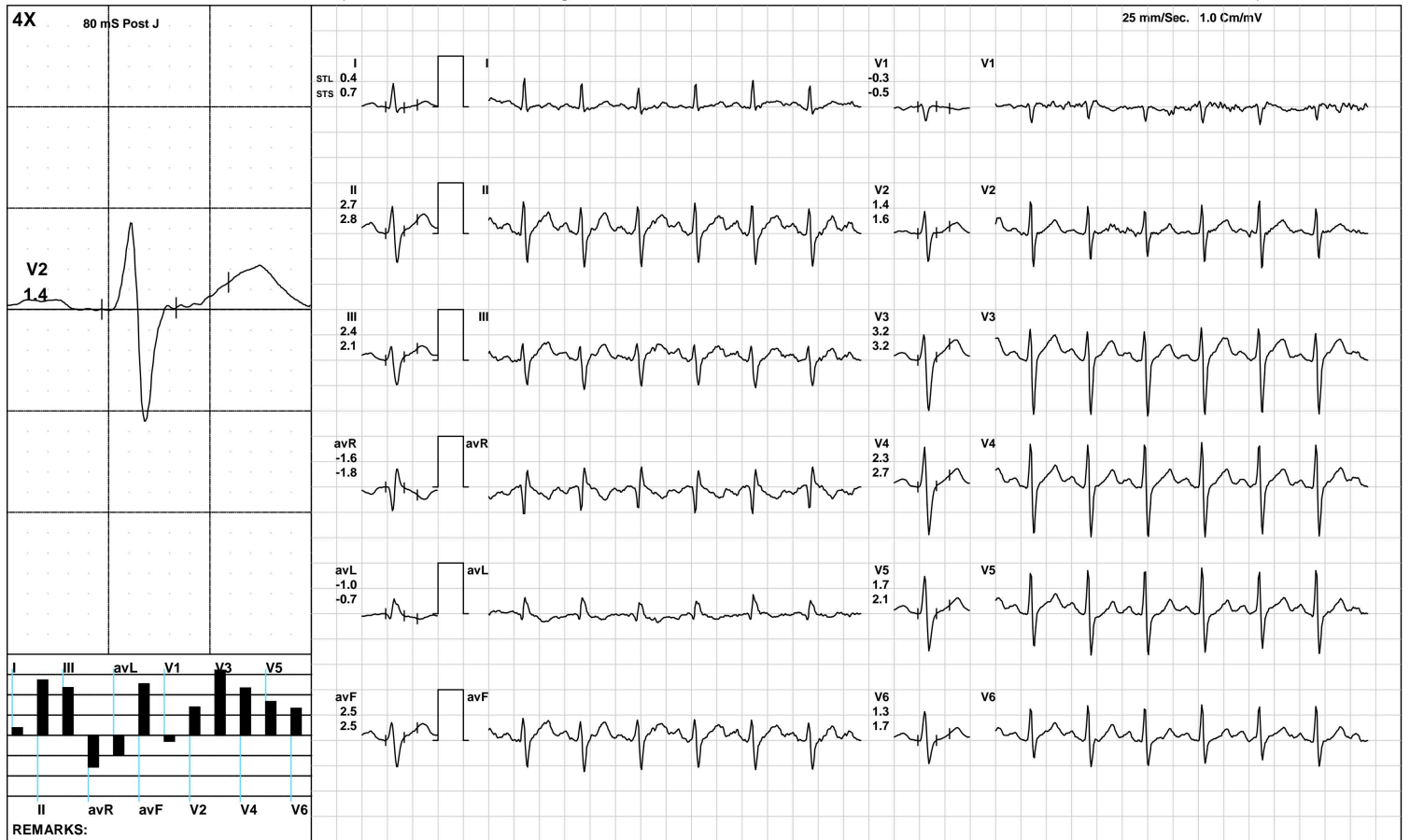
Recovery(2:44)



2298 / BIBEKANAND SINHA / 45 Yrs / M / 168 Cms / 75 Kg / HR : 133

Date: 28-Oct-2023 12:57:26 PM METS: 1.0/ 133 bpm 76% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 09:04 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTICS

ST Measurements



2298 / BIBEKANAND SINHA / 45 Yrs / M / 168 Cms / 75 Kg / HR : 80

Date: 28-Oct-2023 12:57:26 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	1.2	2.5	1.4	-1.9	-0.1	1.9	-0.2	2.2	2.6	2.3	1.9	1.6	1.1	1.9	0.8	-1.5	0.1	1.4	-0.3	1.8	2.3	2.1	1.7	1.3	
80 @mS Standing	1.2	2.5	1.4	-1.9	-0.1	1.9	-0.2	2.2	2.6	2.3	1.9	1.6	1.1	1.9	0.8	-1.5	0.1	1.4	-0.3	1.8	2.3	2.1	1.7	1.3	
HV	1.2	2.5	1.4	-1.9	-0.1	1.9	-0.2	2.2	2.6	2.3	1.9	1.6	1.1	1.9	0.8	-1.5	0.1	1.4	-0.3	1.8	2.3	2.1	1.7	1.3	
Warm Up	1.1	2.5	1.4	-1.8	-0.1	2.0	-0.1	2.3	2.8	2.3	1.9	1.6	1.0	1.8	0.9	-1.4	0.1	1.4	-0.4	1.8	2.2	1.9	1.6	1.3	
ExStart	1.2	2.5	1.3	-1.8	0.0	1.9	-0.2	2.3	2.7	2.4	2.0	1.6	1.0	1.8	0.8	-1.4	0.1	1.3	-0.4	1.8	2.2	2.0	1.6	1.3	
Stage 1	1.1	2.9	1.7	-2.0	-0.3	2.3	-0.1	1.6	2.6	2.4	2.2	1.9	1.2	2.7	1.5	-1.9	-0.2	2.1	-0.8	1.1	2.4	2.7	2.1	1.7	
Stage 2	0.2	1.8	1.7	-1.0	-0.7	1.7	-0.6	0.4	1.3	1.2	0.8	0.9	0.4	2.2	1.8	-1.3	-0.7	2.0	-1.2	0.6	1.7	2.1	1.6	0.9	
Stage 3	0.1	0.1	0.1	-0.1	0.0	0.1	0.1	0.5	0.5	0.0	-0.5	-0.5	0.6	1.9	1.3	-1.3	-0.4	1.6	0.9	0.6	2.3	2.2	1.8	1.1	
PeakEx	0.1	-0.2	-0.2	0.0	0.2	-0.2	0.1	0.5	0.3	-0.4	-0.7	-0.7	2.7	9.9	7.2	-6.3	-2.4	8.6	0.7	5.6	14.9	14.6	12.1	7.3	
Recovery	0.5	2.1	1.6	-1.3	-0.5	1.8	-0.3	1.3	2.5	1.9	1.2	0.8	1.0	3.4	2.4	-2.2	-0.7	2.8	-0.8	2.1	3.5	3.4	2.8	2.0	
Recovery	0.6	2.7	2.0	-1.6	-0.7	2.3	-0.4	1.3	2.9	2.3	1.6	1.3	0.9	3.3	2.4	-2.1	-0.7	2.9	-0.7	1.8	3.6	3.3	2.6	2.1	
Recovery	0.4	2.7	2.4	-1.6	-1.0	2.5	-0.3	1.4	3.2	2.3	1.7	1.3	0.7	2.8	2.1	-1.8	-0.7	2.5	-0.5	1.6	3.2	2.7	2.1	1.7	

		I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STI(μ Vs)	Supine	9.0	18.8	9.9	-13.9	-0.4	14.3	-0.9	17.2	19.5	16.8	13.8	11.4
	Standing	9.0	18.8	9.9	-13.9	-0.4	14.3	-0.9	17.2	19.5	16.8	13.8	11.4
	HV	9.0	18.8	9.9	-13.9	-0.4	14.3	-0.9	17.2	19.5	16.8	13.8	11.4
	Warm Up	9.0	19.5	10.5	-14.2	-0.7	15.0	-0.6	18.4	20.9	17.3	13.7	11.6
	ExStart	9.3	18.7	9.4	-14.0	-0.1	14.1	-0.7	18.5	20.8	18.1	14.7	12.3
	Stage 1	5.3	14.1	8.8	-9.7	-1.7	11.5	1.5	8.2	12.3	11.2	10.8	9.0
	Stage 2	0.5	7.7	7.3	-4.2	-3.2	7.5	-1.9	0.9	5.0	3.5	2.4	4.0
	Stage 3	-1.2	-1.2	0.0	1.2	-0.6	-0.6	0.0	-0.1	-0.2	-3.2	-5.1	-4.7
	PeakEx	-2.2	-8.4	-6.1	5.3	2.5	-7.3	-1.0	-1.9	-10.2	-14.1	-13.9	-9.3
	Recovery	1.4	6.2	4.8	-3.7	-1.7	5.5	-0.1	3.1	8.2	4.8	2.2	1.3
	Recovery	2.0	10.6	8.6	-6.3	-3.3	9.6	-1.5	4.3	10.9	8.0	5.6	4.0
	Recovery	1.4	14.6	13.2	-8.0	-5.9	13.9	-0.9	6.5	16.9	12.0	8.3	6.2

Median Measurement Summary



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	94	268	66	-38	402	122	716	-936	368	126	avL	-18	0.00	0	0
01:00	107	108	68	-38	405	122	716	-936	368	126	avL	-18	0.00	0	0
01:30	119	108	68	-26	405	179	828	-974	370	142	avL	-75	0.00	0	0
02:00	122	168	74	-19	308	-2828	818	-2767	-2828	-2819	I	-2847	0.00	0	0
02:30	123	96	66	-23	441	194	770	-977	328	-52	V1	-42	0.00	0	0
03:00	128	146	70	-21	338	236	937	-991	353	50	V1	-52	0.00	0	0
03:30	127	134	66	-16	438	240	888	-970	421	127	avL	-16	0.00	0	0
04:00	134	116	68	-36	445	160	745	-1018	342	-25	V1	-41	0.00	0	0
04:30	138	146	66	-35	335	169	769	-1053	364	36	avL	-72	0.00	0	0
05:00	142	132	66	-46	331	130	709	-1061	348	99	avL	-71	0.00	0	0
05:30	138	136	70	-45	311	162	715	-1086	323	64	avL	-61	0.00	0	0
06:00	143	120	70	-47	461	171	699	-1114	321	53	avL	-68	0.00	0	0
06:30	142	114	70	-33	442	187	683	-1102	333	77	avL	-66	0.00	0	0
07:00	146	128	70	-50	346	160	709	-1124	298	94	avL	-19	0.00	0	0
07:30	158	102	70	-64	431	177	730	-1153	285	-435	V5	-35	0.00	0	0
08:00	164	110	70	-73	385	219	719	-1232	344	-318	V6	-92	0.00	0	0
08:30	167	112	68	-68	181	181	709	-1277	-280	-466	II	-162	0.00	0	0
09:00	169	106	68	-60	362	207	725	-1271	316	94	avL	-47	0.00	0	0
09:30	174	92	68	-68	377	200	720	-1234	300	-315	V6	-96	0.00	0	0
10:00	169	100	70	-68	384	223	699	-1237	327	-535	V5	-121	0.00	0	0
10:30	152	112	70	-54	351	244	758	-1182	395	106	avL	-30	0.00	0	0
11:00	145	132	70	-29	425	304	802	-1179	444	94	avL	-55	0.00	0	0
11:30	138	142	66	-32	425	234	827	-1142	443	159	avL	-52	0.00	0	0
12:00	132	148	68	-28	439	234	800	-1084	432	151	avL	-45	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	28/10/2023	Srl No.	18	Patient Id	2310280018
Name	Mr. BIBEKANANDA SINHA	Age	45 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
BOB			
HB A1C	5.6	%	

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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www.aarogyamdiagnostics.com

Date	28/10/2023	Srl No.	18	Patient Id	2310280018
Name	Mr. BIBEKANANDA SINHA	Age	45 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	13.8	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTE COUNT (TLC)	6,700	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	64	%	40 - 75
LYMPHOCYTE	30	%	20 - 45
EOSINOPHIL	01	%	01 - 06
MONOCYTE	05	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	13	mm/1st hr.	0 - 15
R B C COUNT	4.70	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	41.4	%	40 - 54
M C V	88.09	fl.	80 - 100
M C H	29.36	Picogram	27.0 - 31.0
M C H C	33.3	gm/dl	33 - 37
PLATELET COUNT	2.30	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"A"		
RH TYPING	POSITIVE		
BLOOD SUGAR FASTING	111.3	mg/dl	70 - 110
SERUM CREATININE	0.83	mg%	0.7 - 1.4
BLOOD UREA	21.0	mg /dl	15.0 - 45.0
SERUM URIC ACID	5.0	mg%	3.4 - 7.0
<u>LIVER FUNCTION TEST (LFT)</u>			



Date	28/10/2023	Srl No.	18	Patient Id	2310280018
Name	Mr. BIBEKANANDA SINHA	Age	45 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.65	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.23	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.42	mg/dl	0.00 - 0.70
TOTAL PROTEIN	7.5	gm/dl	6.6 - 8.3
ALBUMIN	4.3	gm/dl	3.4 - 5.2
GLOBULIN	3.2	gm/dl	2.3 - 3.5
A/G RATIO	1.344		
SGOT	20.2	IU/L	5 - 40
SGPT	23.4	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	77.2	U/L	40.0 - 130.0
GAMMA GT	23.9	IU/L	8.0 - 71.0

LFT INTERPRET

LIPID PROFILE

TRIGLYCERIDES	87.3	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	217.7	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	64.6	mg/dL	35.1 - 88.0
V L D L	17.46	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	135.64	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.37		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	2.1		0.00 - 3.55
THYROID PROFILE			
QUANTITY	10	ml.	



Date	28/10/2023	Srl No.	18	Patient Id	2310280018
Name	Mr. BIBEKANANDA SINHA	Age	45 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
COLOUR	PALE YELLOW		
TRANSPARENCY	CLEAR		
SPECIFIC GRAVITY	1.030		
PH	6.0		
ALBUMIN	NIL		
SUGAR	NIL		
MICROSCOPIC EXAMINATION			
PUS CELLS	1-2	/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.



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

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Date	28/10/2023	Srl No.	18	Patient Id	2310280018
Name	Mr. BIBEKANANDA SINHA	Age	45 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 ****

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



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Date	28/10/2023	Srl No.	18	Patient Id	2310280018
Name	Mr. BIBEKANANDA SINHA	Age	45 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
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BIOCHEMISTRY

BLOOD SUGAR PP	164.6	mg/dl	80 - 160
BOB			

**** End Of Report ****

Dr.R.B.RAMAN
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CONSULTANT PATHOLOGIST



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



31004100452

TEST REPORT

Reg.No : 31004100452	Reg.Date : 29-Oct-2023 13:39	Collection : 29-Oct-2023 13:39
Name : BIBEKANANDA SINHA		Received : 29-Oct-2023 13:39
Age : 45 Years	Sex : Male	Report : 29-Oct-2023 15:17
Referred By : AAROGYAM DIAGNOSTICS @ PATNA		Dispatch : 29-Oct-2023 15:38
Referral Dr : □	Status : Final	Location : 41 - PATNA

Test Name	Results	Units	Bio. Ref. Interval
THYROID FUNCTION TEST			
T3 (triiodothyronine), Total <small>CMIA</small>	1.04	ng/mL	0.70 - 2.04
T4 (Thyroxine), Total <small>CMIA</small>	7.71	µg/dL	4.6 - 10.5
TSH (Thyroid stimulating hormone) <small>CMIA</small>	2.660	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. Avani Patel

Dr. Avani Patel

M.D. Biochemistry

Reg No.- G-34103