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medwaste



भारत सरकार
Government of India



Issue Date: 24/10/2015



सत्येन्द्र कुमार
Satyendra Kumar
जन्म तिथि/DOB: 07/05/1984
पुल्ल/ MALE

8347 1145 8732

VID : 9184 5897 632 4725

मेरा आधार, मेरी पहचान

100/80

आयकर विभाग

INCOME TAX DEPARTMENT

SATYENDRA KUMAR

RAMSOORAT YADAV

07/05/1984

Permanent Account Number

CSFPK5191R

Satyendra

Signature



भारत सरकार

GOVT. OF INDIA



15/10/2012

102

71

ID: 171

SATYENDRA KUMAR
Male 40Years

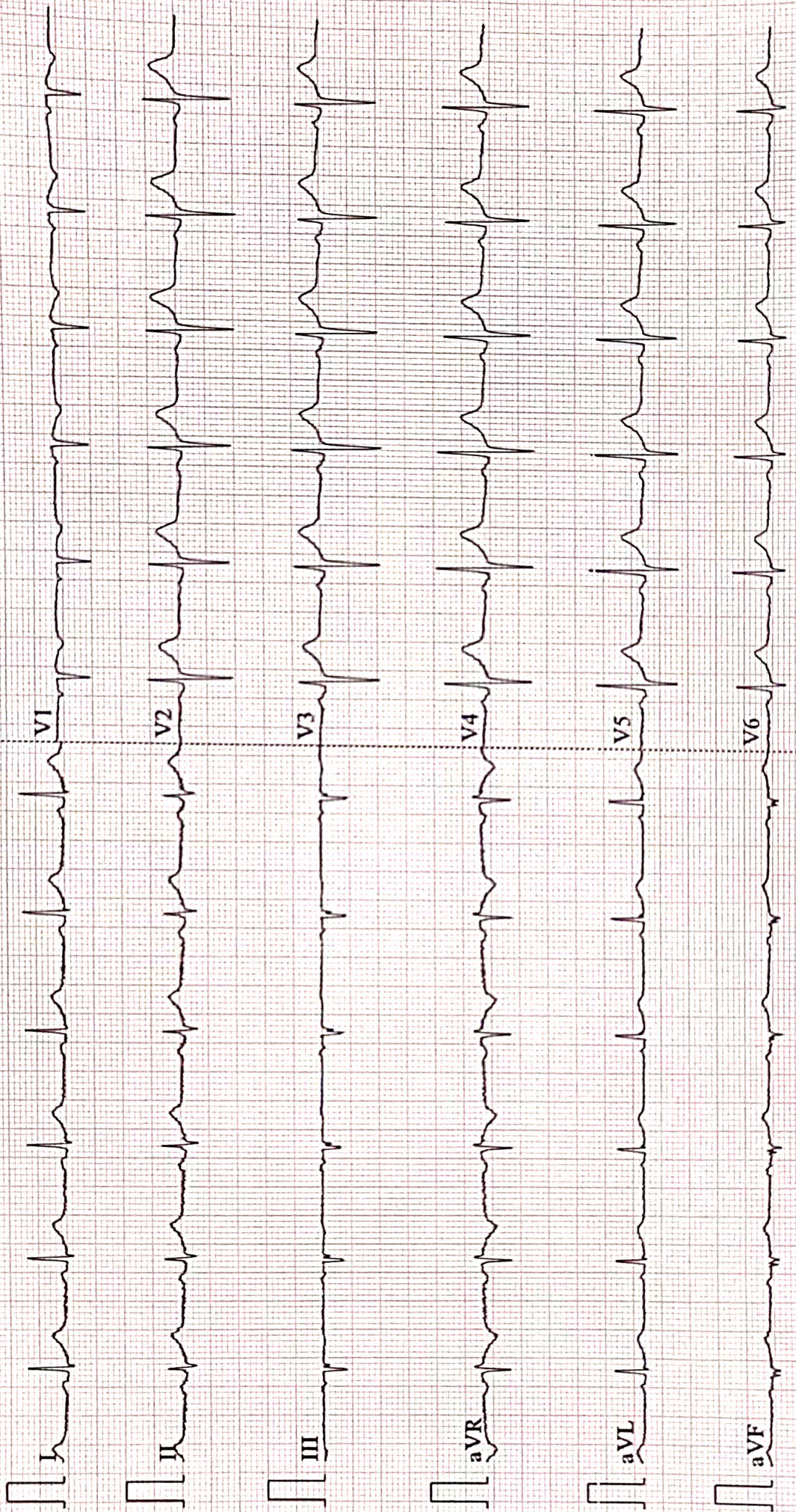
22-05-2024 11:53:36 AM

HR	: 75	bpm
P	: 94	ms
PR	: 141	ms
QRS	: 71	ms
QT/QTc	: 352/394	ms
P/QRS/T	: 21/-7/26	°
RV5/SV1	: 0.908/0.601	mV

Diagnosis Information:

Sinus Rhythm
Abnormal Q Wave(III,aVF,V1)
Possible Inferior Myocardial Infarction

Ref-Phys. 
Report Confirmed by:



Patient Name	SATYENDRA KUMAR	Date	22-05-2024
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



AAROGYAM DIAGNOSTICS**PATNA****2772 / MR. SATYENDRA KUMAR / 40 Yrs / M / 162 Cms / 71 Kg Date: 22-May-2024 Technician : ARUN****Report****(GEM212170906)(R)Kardic by Allengers**

Stage	Time	Duration	Belt Speed (mph)	Elevation	METs	Rate	% THR Achieved	BP	RPP	PVC	Comments
Supine	00:06	0:01	00.0	00.0	01.0	98	54 %	100/80	098	00	
Standing	00:17	0:01	00.0	00.0	01.0	106	59 %	100/80	105	00	
HV	00:26	0:01	00.0	00.0	01.0	101	56 %	100/80	101	00	
Warm Up	00:34	0:01	01.0	00.0	01.0	099	55 %	100/80	099	00	
ExStart	00:55	0:06	01.7	10.0	01.1	109	61 %	100/80	109	00	
BRUCE/ Stage 1	03:55	3:00	01.7	10.0	04.7	142	79 %	105/85	149	00	
BRUCE/ Stage 2	06:55	3:00	02.5	12.0	07.1	161	89 %	110/90	177	00	
PeakEx	08:12	1:17	03.4	14.0	08.4	181	101 %	110/90	199	00	
Recovery	09:11	1:00	01.1	00.0	01.2	159	88 %	105/85	166	00	
Recovery	10:11	2:00	01.1	00.0	01.0	142	79 %	100/80	142	00	
Recovery	11:33	3:21	01.1	00.0	01.0	134	74 %	100/80	134	00	

Findings :

Exercise Time : 07:18
Max HR Attained : 181 bpm 101% of Target 180
Max BP Attained : (Sys) 110/90
Max WorkLoad Attained : 8.4 Fair response to induced stress
Max ST Dep Lead & Value : V1 & -0.9 mm in Supine mm
Test End Reasons : Test Complete

Report :

AAROGYAM DIAGNOSTICS

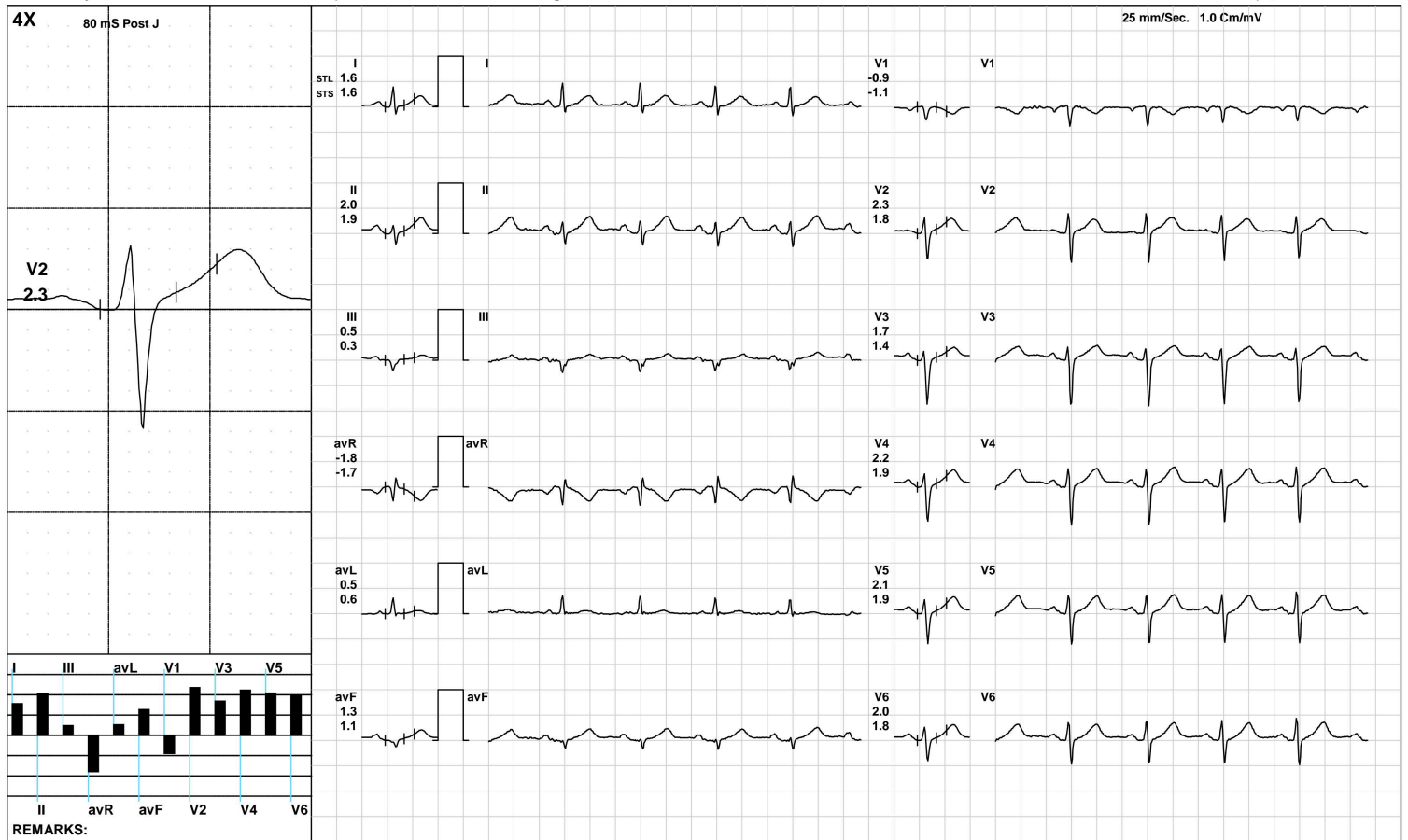
2772 / MR. SATYENDRA KUMAR / 40 Yrs / M / 162 Cms / 71 Kg / HR : 98

Supine



Date: 22-May-2024 12:18:40 PM METS: 1.0/ 98 bpm 54% of THR BP: 100/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:06 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTICS

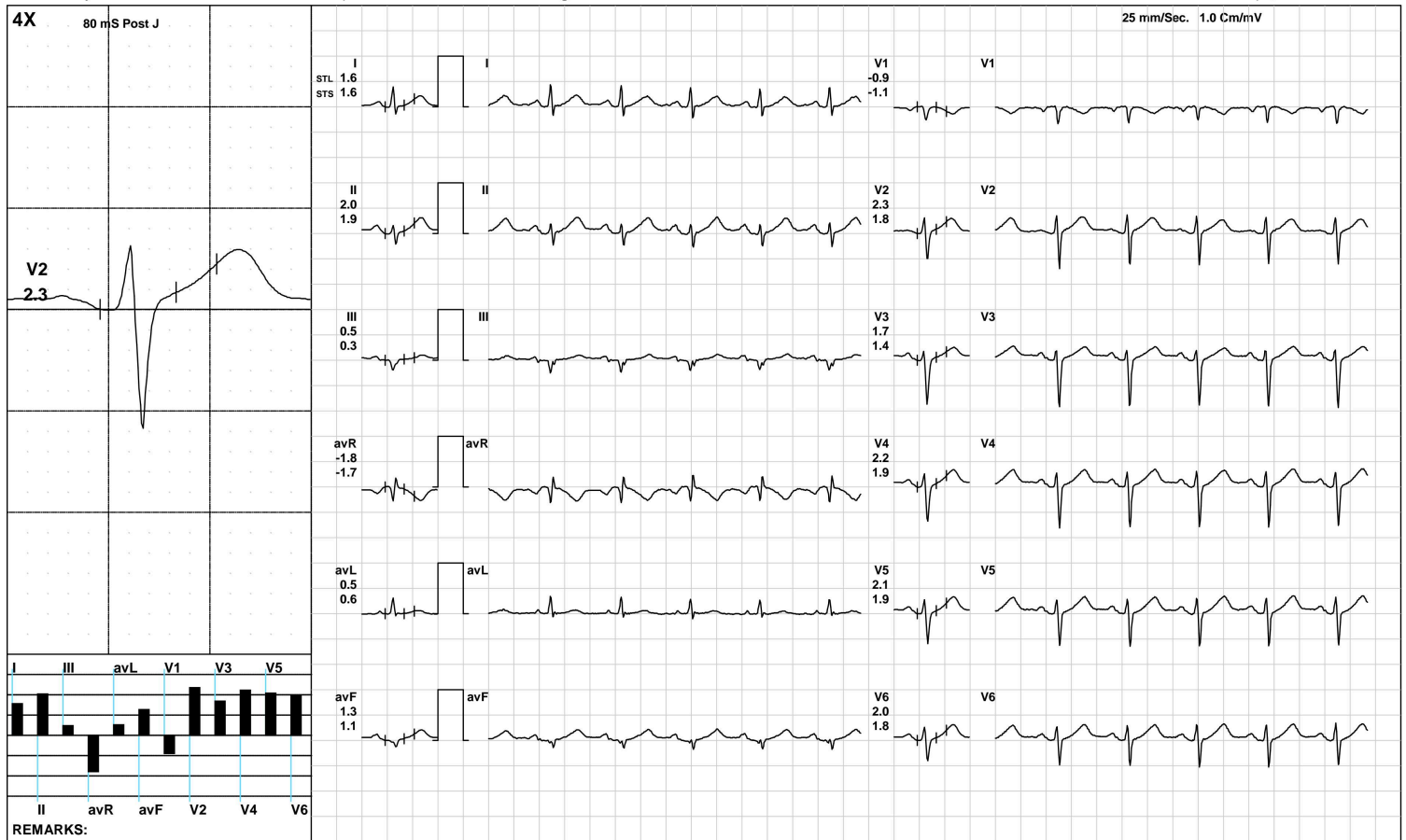
Standing



2772 / MR. SATYENDRA KUMAR / 40 Yrs / M / 162 Cms / 71 Kg / HR : 106

Date: 22-May-2024 12:18:40 PM METS: 1.0/ 106 bpm 58% of THR BP: 100/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:17 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTICS

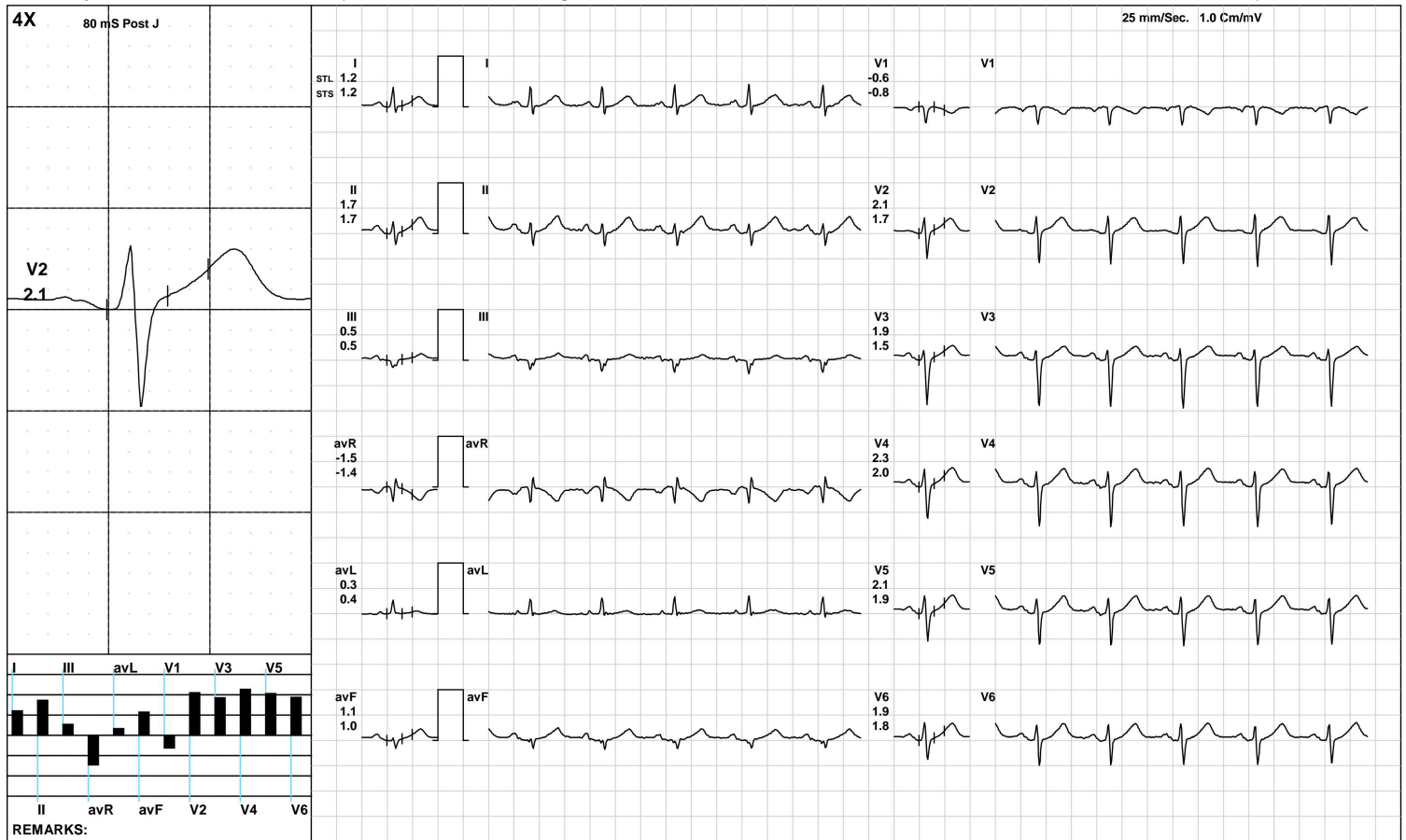
HV



2772 / MR. SATYENDRA KUMAR / 40 Yrs / M / 162 Cms / 71 Kg / HR : 101

Date: 22-May-2024 12:18:40 PM METS: 1.0/ 101 bpm 56% of THR BP: 100/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:26 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTICS

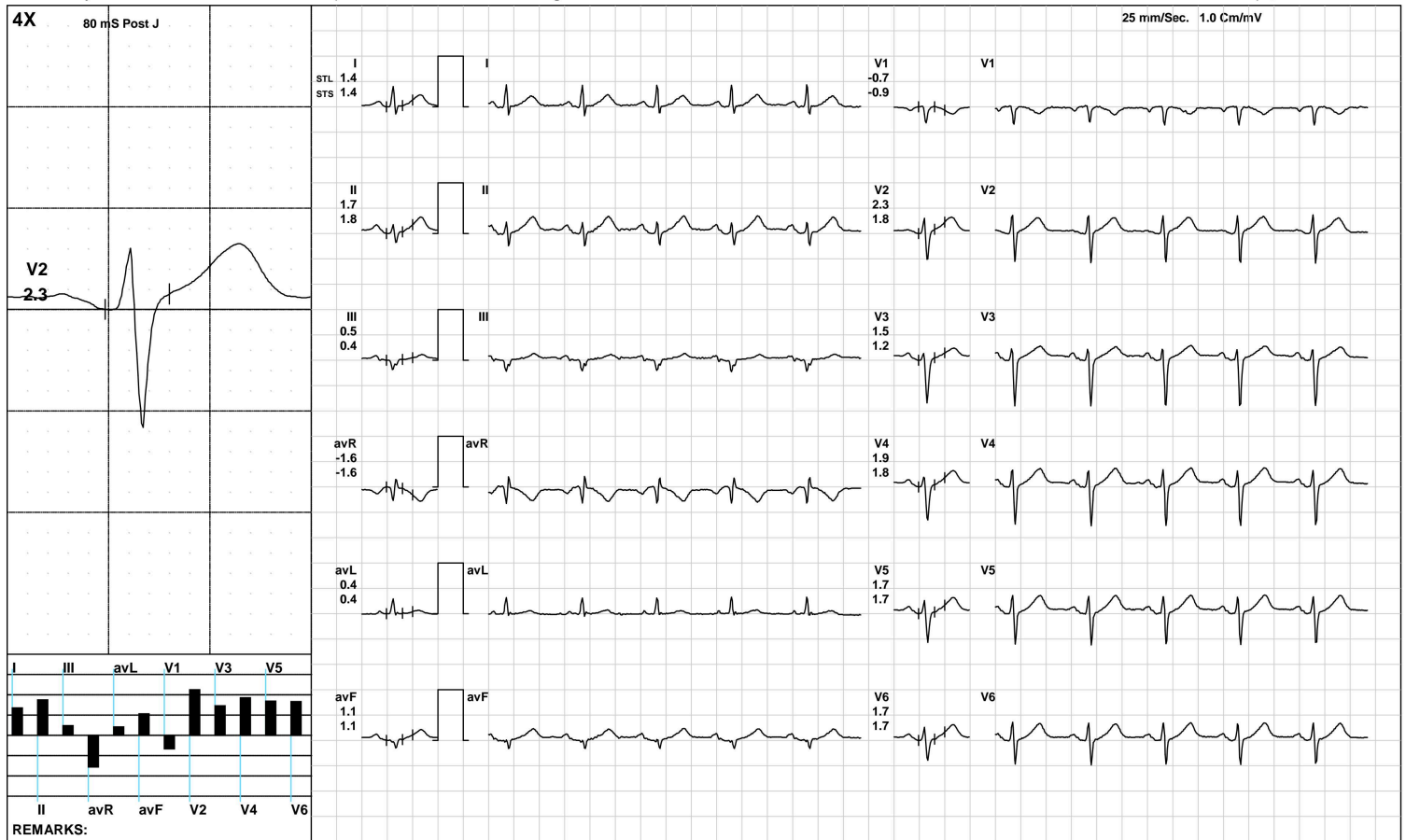
Warm Up



2772 / MR. SATYENDRA KUMAR / 40 Yrs / M / 162 Cms / 71 Kg / HR : 99

Date: 22-May-2024 12:18:40 PM METS: 1.0/ 99 bpm 55% of THR BP: 100/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:34 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTICS

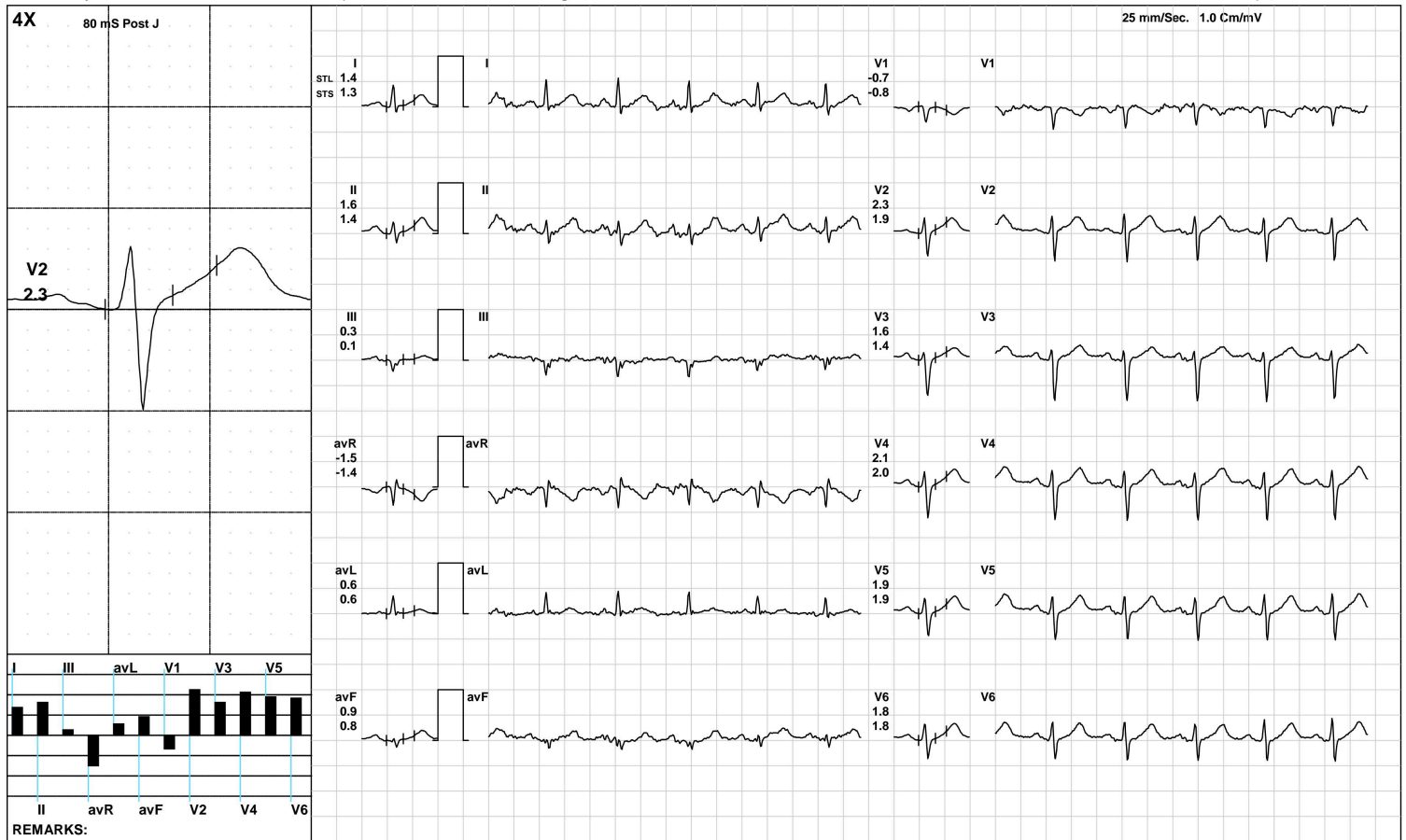
ExStart



2772 / MR. SATYENDRA KUMAR / 40 Yrs / M / 162 Cms / 71 Kg / HR : 109

Date: 22-May-2024 12:18:40 PM METS: 1.1/ 109 bpm 60% of THR BP: 100/80 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

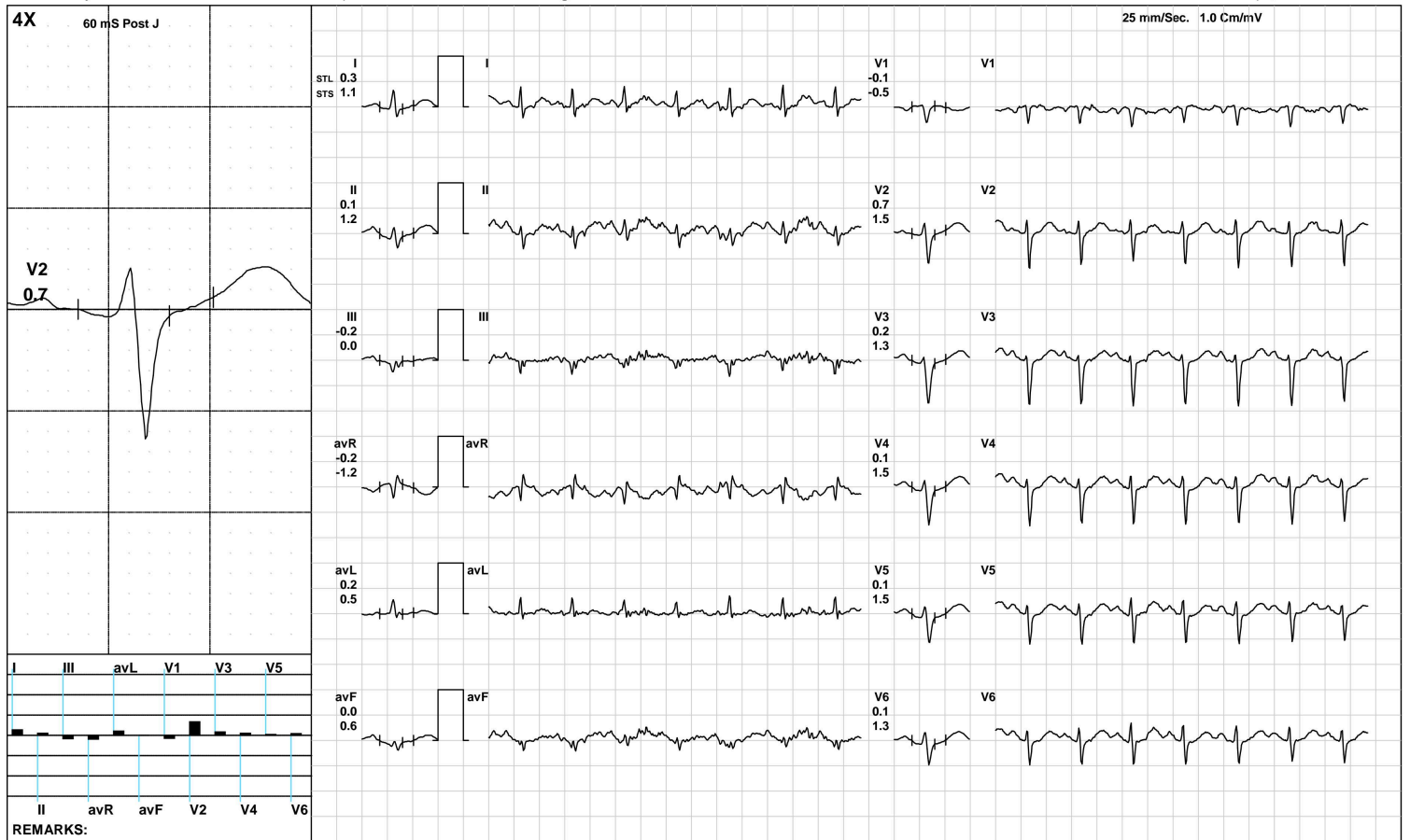
BRUCE/:Stage 1(3:00)



2772 / MR. SATYENDRA KUMAR / 40 Yrs / M / 162 Cms / 71 Kg / HR : 142

Date: 22-May-2024 12:18:40 PM METS: 4.7/ 142 bpm 78% of THR BP: 105/85 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

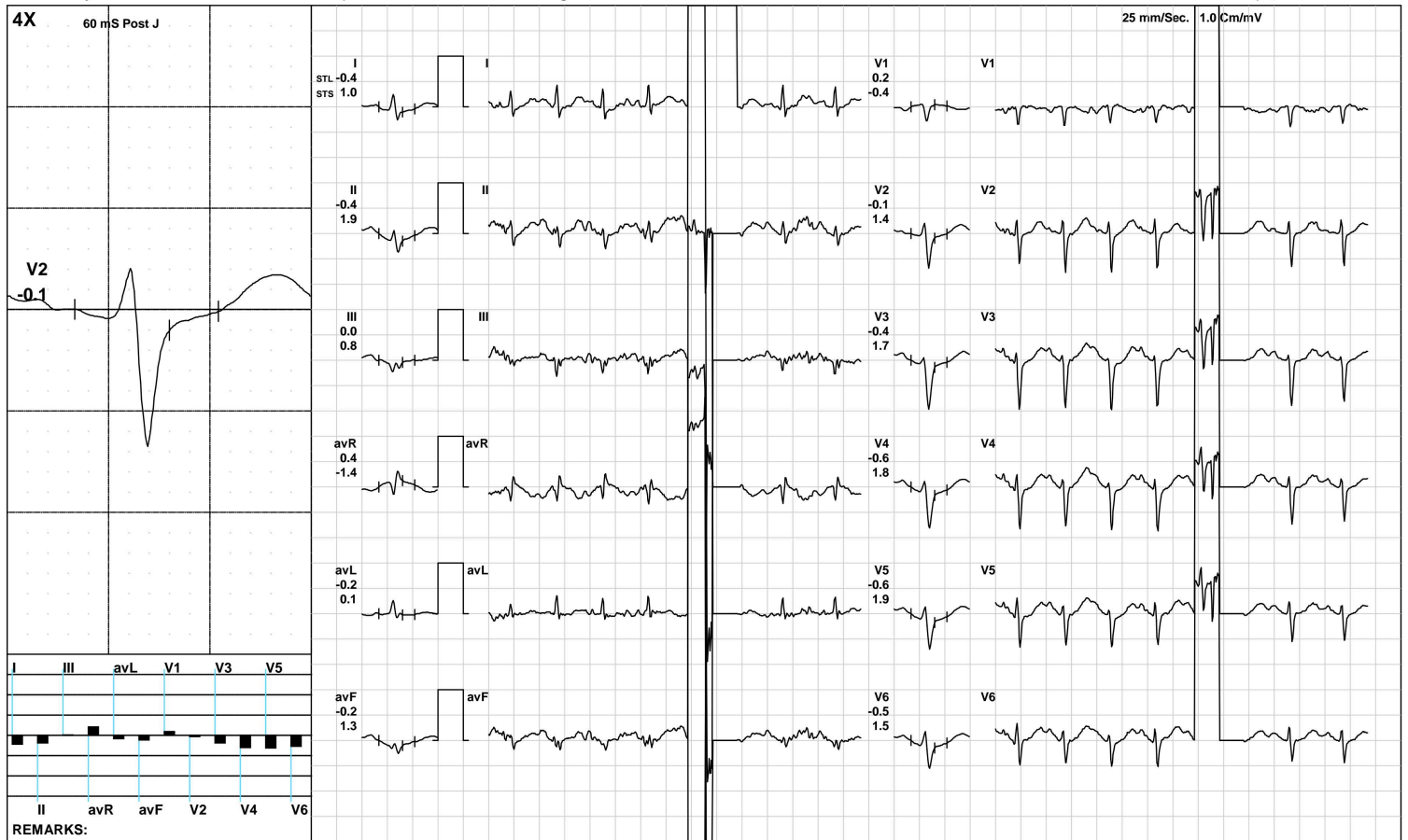
BRUCE/Stage 2(3:00)



2772 / MR. SATYENDRA KUMAR / 40 Yrs / M / 162 Cms / 71 Kg / HR : 161

Date: 22-May-2024 12:18:40 PM METS: 7.1/ 161 bpm 89% of THR BP: 110/90 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

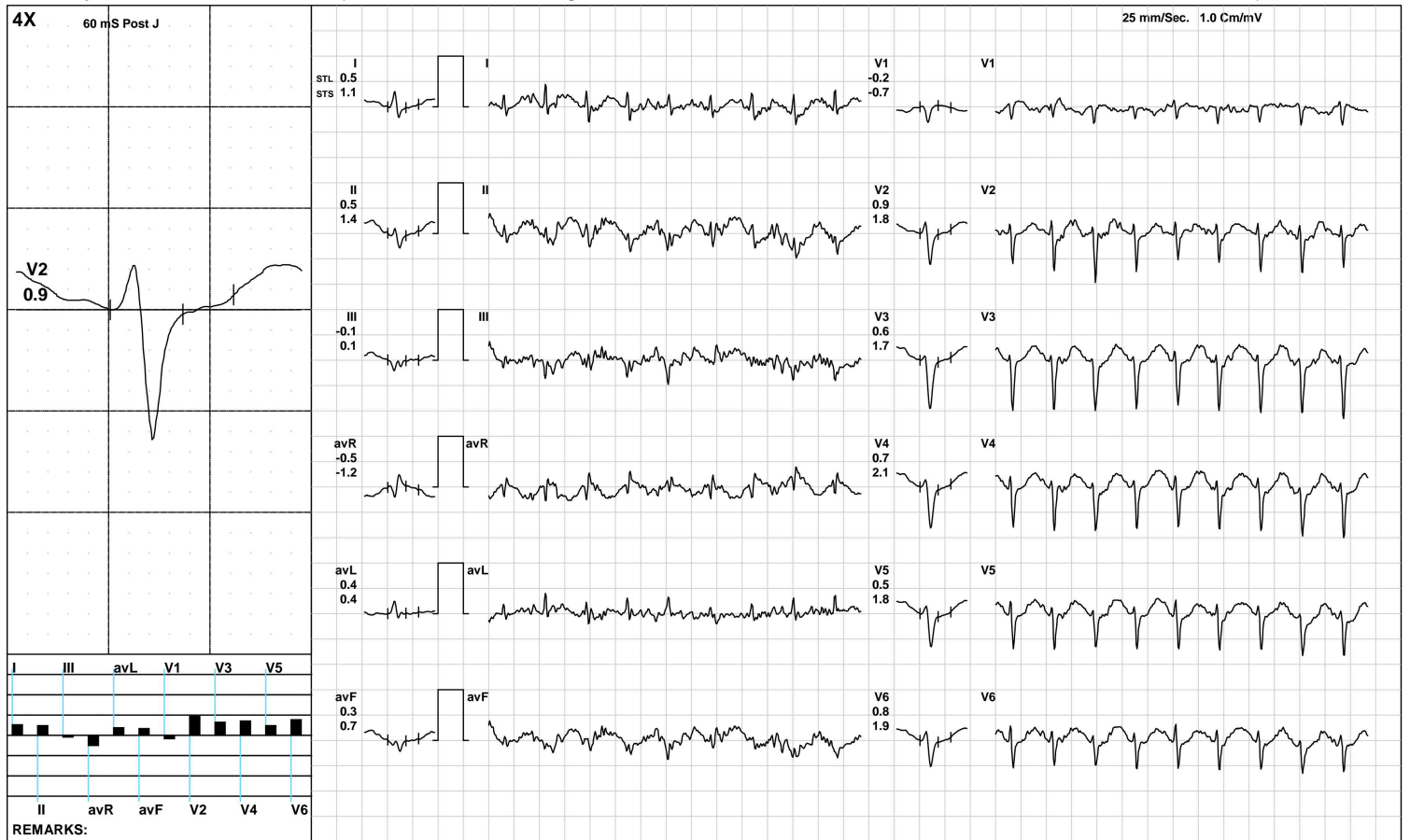
2772 / MR. SATYENDRA KUMAR / 40 Yrs / M / 162 Cms / 71 Kg / HR : 181

PeakEx



Date: 22-May-2024 12:18:40 PM METS: 8.4/ 181 bpm 100% of THR BP: 110/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:17 3.4 mph, 14.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTICS

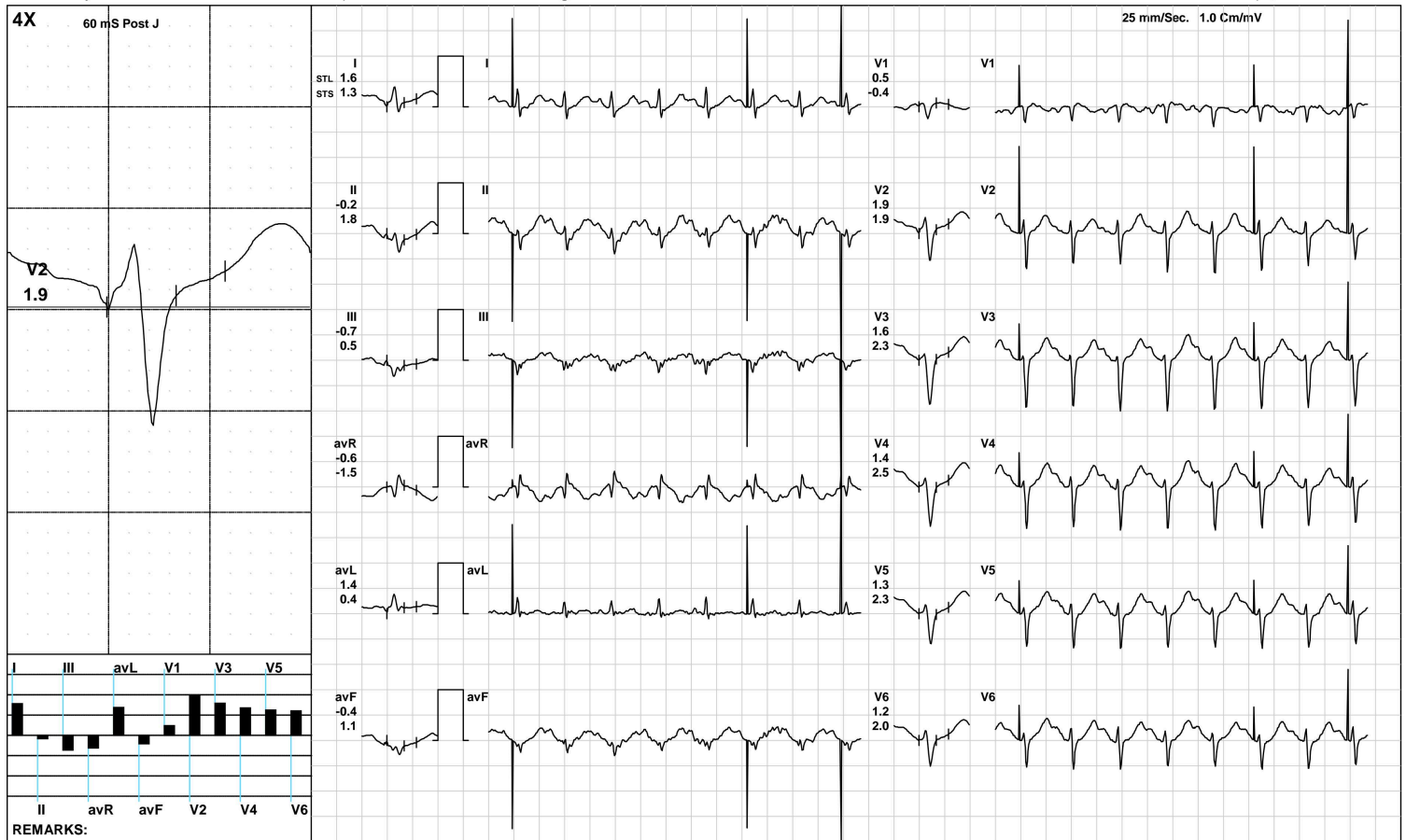
2772 / MR. SATYENDRA KUMAR / 40 Yrs / M / 162 Cms / 71 Kg / HR : 159

Recovery(1:00)



Date: 22-May-2024 12:18:40 PM METS: 1.2/ 159 bpm 88% of THR BP: 105/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:18 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTICS

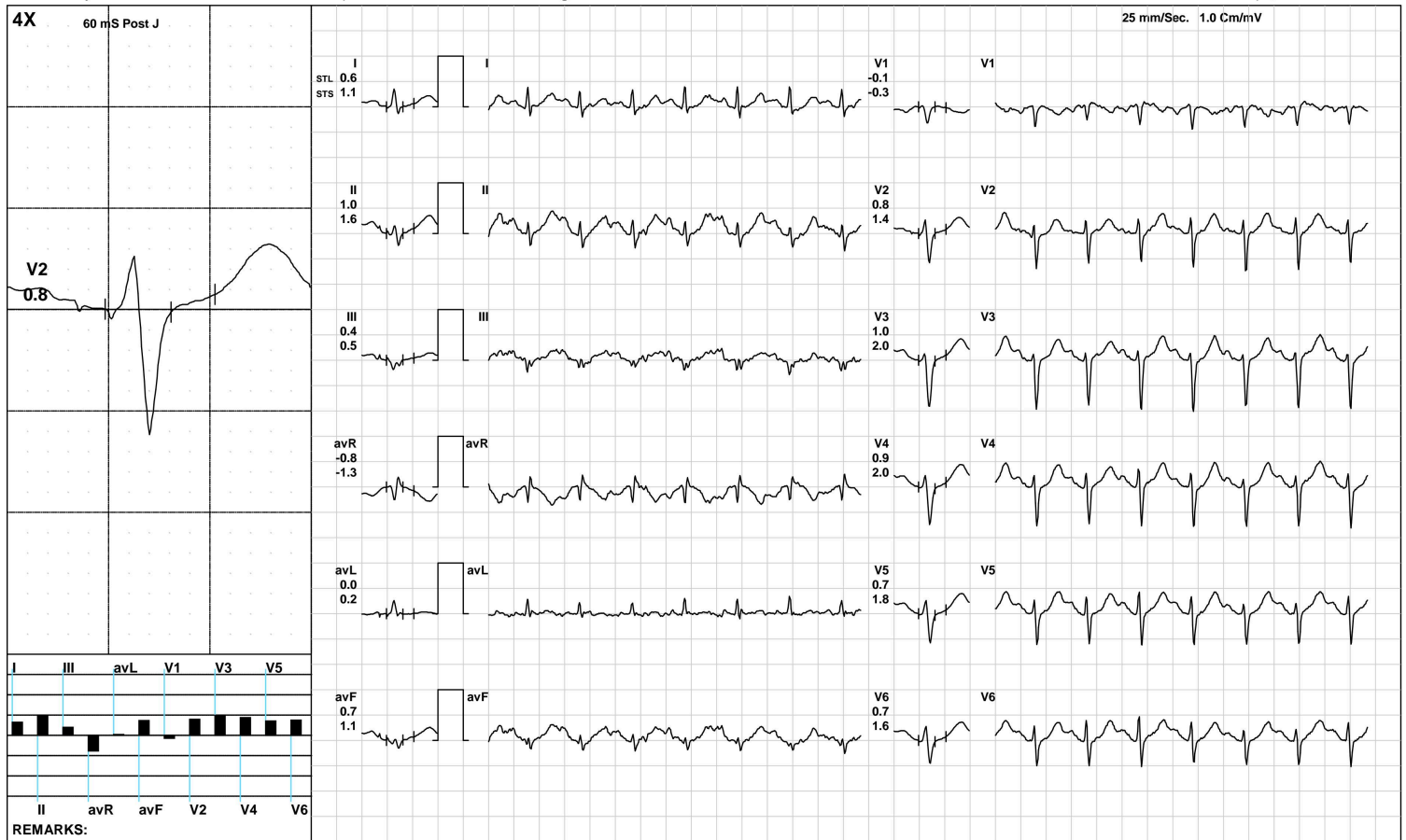
2772 / MR. SATYENDRA KUMAR / 40 Yrs / M / 162 Cms / 71 Kg / HR : 142

Recovery(2:00)



Date: 22-May-2024 12:18:40 PM METS: 1.0/ 142 bpm 78% of THR BP: 100/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:18 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTICS

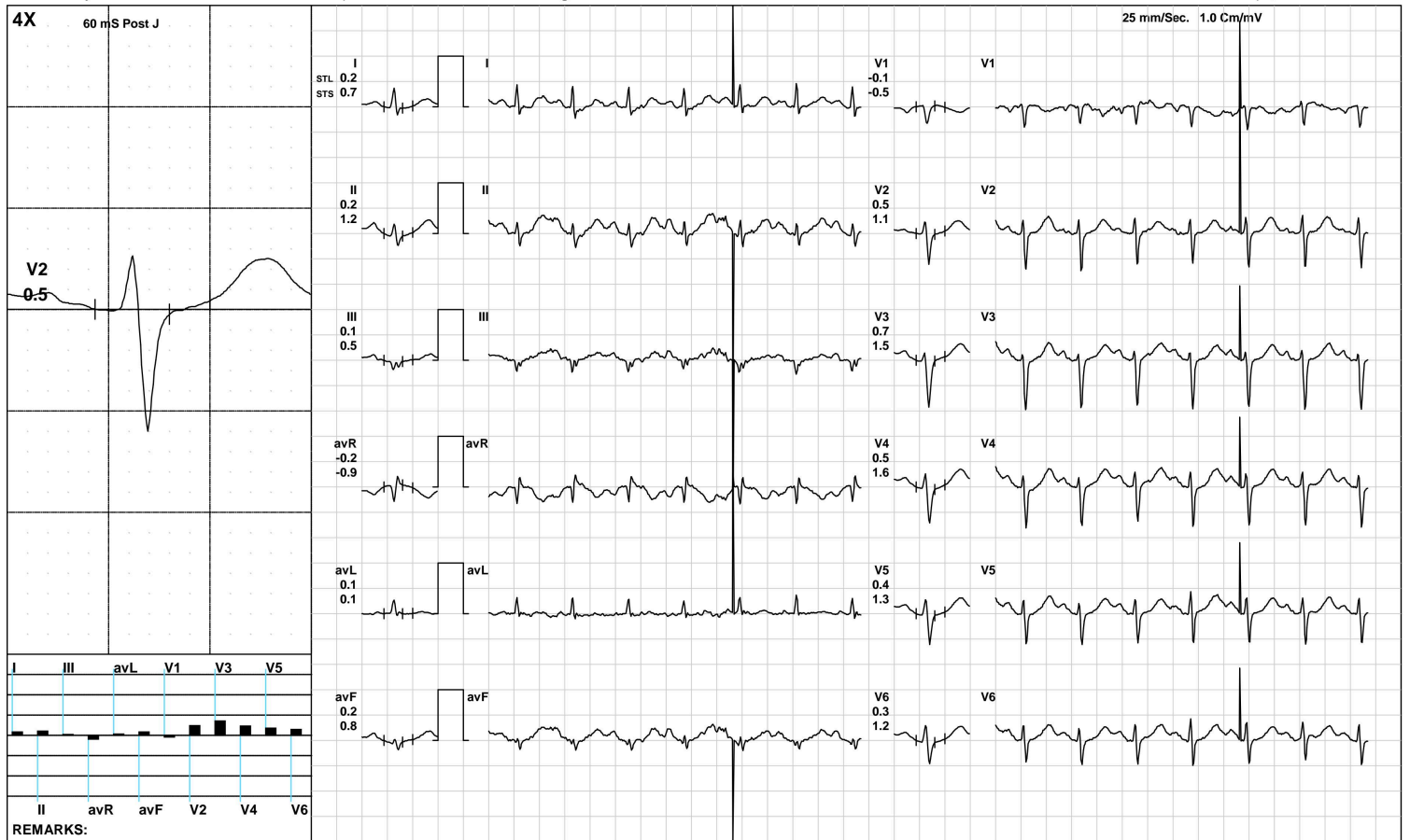
2772 / MR. SATYENDRA KUMAR / 40 Yrs / M / 162 Cms / 71 Kg / HR : 134

Recovery(3:21)



Date: 22-May-2024 12:18:40 PM METS: 1.0/ 134 bpm 74% of THR BP: 100/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:18 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

AAROGYAM DIAGNOSTICS

ST Measurements



2772 / MR. SATYENDRA KUMAR / 40 Yrs / M / 162 Cms / 71 Kg / HR : 102

Date: 22-May-2024 12:18:40 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	1.6	2.0	0.5	-1.8	0.5	1.3	-0.9	2.3	1.7	2.2	2.1	2.0	1.6	1.9	0.3	-1.7	0.6	1.1	-1.1	1.8	1.4	1.9	1.9	1.8	
60 @mS Standing	1.6	2.0	0.5	-1.8	0.5	1.3	-0.9	2.3	1.7	2.2	2.1	2.0	1.6	1.9	0.3	-1.7	0.6	1.1	-1.1	1.8	1.4	1.9	1.9	1.8	
HV	1.2	1.7	0.5	-1.5	0.3	1.1	-0.6	2.1	1.9	2.3	2.1	1.9	1.2	1.7	0.5	-1.4	0.4	1.0	-0.8	1.7	1.5	2.0	1.9	1.8	
Warm Up	1.4	1.7	0.5	-1.6	0.4	1.1	-0.7	2.3	1.5	1.9	1.7	1.7	1.4	1.8	0.4	-1.6	0.4	1.1	-0.9	1.8	1.2	1.8	1.7	1.7	
ExStart	1.4	1.6	0.3	-1.5	0.6	0.9	-0.7	2.3	1.6	2.1	1.9	1.8	1.3	1.4	0.1	-1.4	0.6	0.8	-0.8	1.9	1.4	2.0	1.9	1.8	
Stage 1	0.3	0.1	-0.2	-0.2	0.2	0.0	-0.1	0.7	0.2	0.1	0.1	0.1	1.1	1.2	0.0	-1.2	0.5	0.6	-0.5	1.5	1.3	1.5	1.5	1.3	
Stage 2	-0.4	-0.4	0.0	0.4	-0.2	-0.2	0.2	-0.1	-0.4	-0.6	-0.6	-0.5	1.0	1.9	0.8	-1.4	0.1	1.3	-0.4	1.4	1.7	1.8	1.9	1.5	
PeakEx	0.5	0.5	-0.1	-0.5	0.4	0.3	-0.2	0.9	0.6	0.7	0.5	0.8	1.1	1.4	0.1	-1.2	0.4	0.7	-0.7	1.8	1.7	2.1	1.8	1.9	
Recovery	-0.5	-0.7	-0.2	0.6	-0.2	-0.5	0.2	0.0	-0.1	-0.3	-0.5	-0.4	2.8	4.8	2.0	-3.8	0.3	3.5	0.7	6.8	11.3	11.3	10.0	7.3	
Recovery	0.5	0.9	0.4	-0.7	0.1	0.7	-0.1	1.1	1.5	1.6	1.4	1.4	1.3	1.4	0.2	-1.3	0.6	0.7	-0.4	1.8	2.3	2.5	2.3	2.0	
Recovery	0.2	0.2	0.1	-0.2	0.1	0.2	-0.1	0.5	0.7	0.5	0.4	0.3	0.7	1.2	0.5	-0.9	0.1	0.8	-0.5	1.1	1.5	1.6	1.3	1.2	

	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STI(μVs)												
Supine	10.0	13.8	3.9	-11.9	3.0	8.9	-5.5	16.0	11.8	15.5	14.4	13.7
Standing	10.0	13.8	3.9	-11.9	3.0	8.9	-5.5	16.0	11.8	15.5	14.4	13.7
HV	8.2	12.3	4.0	-10.2	2.1	8.2	-4.3	14.6	12.9	15.9	14.4	13.1
Warm Up	9.2	12.2	3.5	-10.7	2.6	7.6	-4.4	15.7	10.1	12.8	11.8	11.4
ExStart	9.0	10.7	1.9	-9.8	3.6	6.3	-4.3	14.7	10.6	13.6	12.1	11.7
Stage 1	-0.3	-1.3	-1.0	0.8	0.3	-1.0	0.3	1.4	-1.2	-1.9	-2.3	-2.0
Stage 2	-4.4	-5.2	-0.8	4.8	-1.4	-3.5	2.1	-2.5	-4.5	-6.2	-6.4	-5.7
PeakEx	0.4	0.0	0.4	-0.6	0.5	0.2	0.8	1.0	0.4	-0.5	-1.4	0.1
Recovery	-5.4	-8.3	-2.9	6.9	-1.3	-5.6	1.4	-4.9	-8.6	-10.3	-10.7	-8.3
Recovery	0.8	2.8	1.8	-1.7	-0.6	2.3	0.1	2.8	5.1	5.2	4.2	4.5
Recovery	-0.4	-0.6	-0.2	0.5	0.0	0.1	0.6	1.3	2.4	0.3	0.3	-0.2



PATNA

2772 / MR. SATYENDRA KUMAR / 40 Yrs / Male / 162 Cm / 71 Kg

Time	HR	PR Int	QRS Wid	QRS Axis	QTC	P(μV)	R(μV)	S(μV)	T(μV)	Min. J Leads for	Min. Post RR Var	VEB	Missed Beats
(Min.)	(bpm)	(mS)	(mS)	(Deg.)	(mS)	(Max)	(Max)	(Min)	(Max)	(μV) (L & PJ)	(μV) (%)	(Counts)	(Counts)
00 : 30	105	198	82	-18	469	173	519	-886	377	-16 V1	-45	0.00	0
01 : 00	124	136	60	-24	364	173	431	-815	361	-35 V1	-14	0.00	0
01 : 30	136	142	60	-38	377	194	366	-855	198	-22 V1	-4	0.00	0
02 : 00	141	150	62	-20	361	185	376	-870	251	-17 V1	-4	0.00	0
02 : 30	138	148	58	-18	344	210	397	-874	296	-33 V1	-3	0.00	0
03 : 00	140	142	64	-16	346	216	373	-843	312	-8 V1	-14	0.00	0
03 : 30	141	100	62	-43	339	203	355	-880	270	-16 V1	-10	0.00	0
04 : 00	149	128	62	-4	368	215	363	-894	241	-218 V5	-11	0.00	0
04 : 30	155	132	62	-55	326	207	340	-926	218	-242 V4	-20	0.00	0
05 : 00	157	126	62	-39	337	215	362	-926	258	1 avL	-6	0.00	0
05 : 30	157	126	62	-39	337	215	362	-926	258	1 avL	-6	0.00	0
06 : 00	159	114	62	-36	381	244	360	-941	284	-264 V4	-37	0.00	0
06 : 30	161	116	62	-62	351	222	322	-938	258	3 avL	-20	0.00	0
07 : 00	169	116	62	-34	351	223	321	-979	219	-247 V5	-32	0.00	0
07 : 30	178	98	62	-61	384	225	322	-975	255	-188 V3	-37	0.00	0
08 : 00	181	132	26	-66	215	267	277	-1027	-323	-646 V5	-70	0.00	0
08 : 30	167	134	26	143	318	280	296	-1011	-1005	26 V5	-50	0.00	0
09 : 00	155	130	6	-11	137	292	333	-957	-970	-2 V5	-87	0.00	0
09 : 30	146	142	6	-48	132	254	332	-977	-991	-12 V6	-110	0.00	0
10 : 00	143	134	80	90	336	271	379	-952	-981	-14 V4	-353	0.00	0
10 : 30	136	148	58	190	356	267	385	-990	417	-3 avL	-13	0.00	0
11 : 00	137	162	64	0	347	252	385	-966	394	34 avL	-9	0.00	0



ISO 9001 : 2015

AAROGYAM DIAGNOSTICS

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

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Near Malahi Pakari Chowk, Kankarbagh, Patna-20
9065875700
info@aarogyamdiagnostics.com
www.aarogyamdiagnostics.com

Name :- Satyendra Kumar
Pt's ID :- 18/40232
Refd by :- CORP

Age/Sex:- 40 Yrs/M
Date :-22/05/24

Thanks for referral.

REPORT OF USG OF WHOLE ABDOMEN

- Liver** :- Mild enlarged in size(14.9cm) 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 9.7cm and Left Kidney measures 9.9cm.
- Ureters** :- Ureters are normal.
- U. Bladder**:- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Prostate** :- Normal in size (12.3cc) & echotexture.
- Others** :- No ascites or abdominal adenopathy is seen.
No free subphrenic / basal pleural space collection is seen.

IMPRESSION:- *Mild Hepatomegaly.
Otherwise Normal Scan.*

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



MC-2024

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: U85195GJ2009PLC057059



40504100398

TEST REPORT

Reg.No : 40504100398	Reg.Date : 23-May-2024 15:22	Collection : 23-May-2024 15:22
Name : MR. SATYENDRA KUMAR		Received : 23-May-2024 15:22
Age : 40 Years	Sex : Male	Report : 23-May-2024 16:40
Referred By : AAROGYAM DIAGNOSTICS @ PATNA		Dispatch : 23-May-2024 17:00
Referral Dr : □	Status : Final	Location : 41 - PATNA

Test Name	Results	Units	Bio. Ref. Interval
THYROID FUNCTION TEST			
T3 (triiodothyronine), Total <small>C/MIA</small>	1.07	ng/mL	0.70 - 2.04
T4 (Thyroxine), Total <small>C/MIA</small>	8.49	µg/dL	4.6 - 10.5
TSH (Thyroid stimulating hormone) <small>C/MIA</small>	2.274	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. Vidhi Patel

M.D BIOCHEMISTRY
Reg. No.:-G-34739



ISO 9001 : 2015
AAROGYAM DIAGNOSTICS
 (A UNIT OF CULPAM HEALTH CARE PVT. LTD.)

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 Near Malahi Pakari Chowk, Kankarbagh, Patna – 20
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Date	22/05/2024	Srl No.	10	Patient Id	2405220010
Name	Mr. SATYENDRA KUMAR	Age	40 Yrs.	Sex	M
Ref. By	Dr.MEDIWHEEL				

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
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Date	22/05/2024	Srl No. 10	Patient Id 2405220010
Name	Mr. SATYENDRA KUMAR	Age 40 Yrs.	Sex M
Ref. By	Dr.MEDIWHEEL		

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	14.0	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTE COUNT (TLC)	6,300	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	62	%	40 - 75
LYMPHOCYTE	33	%	20 - 45
EOSINOPHIL	01	%	01 - 06
MONOCYTE	04	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	12	mm/1st hr.	0 - 15
R B C COUNT	4.78	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	43.1	%	40 - 54
M C V	90.17	fl.	80 - 100
M C H	29.29	Picogram	27.0 - 31.0
M C H C	32.5	gm/dl	33 - 37
PLATELET COUNT	2.13	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"O"		
RH TYPING	POSITIVE		

**** End Of Report ****

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Date 22/05/2024	Srl No. 10	Patient Id 2405220010
Name Mr. SATYENDRA KUMAR	Age 40 Yrs.	Sex M
Ref. By Dr.MEDIWHEEL		

Test Name	Value	Unit	Normal Value
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BIOCHEMISTRY

BLOOD SUGAR FASTING	91.2	mg/dl	70 - 110
SERUM CREATININE	1.50	mg%	0.7 - 1.4
BLOOD UREA	24.9	mg /dl	15.0 - 45.0
BLOOD UREA NITROGEN (BUN)	11.636	mg%	6.0 - 20.0
SERUM URIC ACID	4.9	mg%	3.4 - 7.0
<u>LIVER FUNCTION TEST (LFT)</u>			
BILIRUBIN TOTAL	0.71	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.28	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.43	mg/dl	0.00 - 0.70
TOTAL PROTEIN	7.01	gm/dl	6.6 - 8.3
ALBUMIN	4.21	gm/dl	3.4 - 5.2
GLOBULIN	2.8	gm/dl	2.3 - 3.5
A/G RATIO	1.504		
SGOT	28.7	IU/L	5 - 40
SGPT	33.5	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	78.1	U/L	40.0 - 130.0
GAMMA GT	26.2	IU/L	8.0 - 71.0

LFT INTERPRET

LIPID PROFILE

TRIGLYCERIDES	165.2	mg/dL	25.0 - 165.0
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Date	22/05/2024	Srl No. 10	Patient Id 2405220010
Name	Mr. SATYENDRA KUMAR	Age 40 Yrs.	Sex M
Ref. By	Dr.MEDIWHEEL		

Test Name	Value	Unit	Normal Value
TOTAL CHOLESTEROL	145.9	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	77.0	mg/dL	35.1 - 88.0
V L D L	33.04	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	35.86	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	1.895		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	0.466		0.00 - 3.55

SEROLOGY

TOTAL PSA	0.58	ng/ml
Chemiluminescence		

INTERPRETATION :

Expected Values :

99%	:	of Healthy males	0.0-4.0 ng/ml
80%	:	of Benign prostatic hypertrophy	0.0-4.0 ng/ml
81%	:	of Prostatic Carcinomas	Above 4.0 ng/ml

PSA is reliable tumour marker for already diagnosed prostatic carcinomas. It is uniquely associated only with prostatic tissue, and therefore is specific for it. Baseline levels measured prior to therapeutic intervention and followed later by serial periodical measurements will predict the outcome of therapy. It also helps in early discovery of recurrences, relapses and metastases.

RECOMMENDED TESTING INTERVALS :

First Determination	:	Preoperatively (Baseline)
Second Determination	:	2-4 days Postoperatively
Third Determination	:	Before discharge from hospital
Follow-up Determinations	:	
If levels are high/show rising trend	:	Monthly
If levels are normal	:	Every 3 monthly initially, later annually.



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In general, tumor marker levels are directly proportional to the tumour mass and the stage of the cancer. However, it is the rate of change of the tumor marker level which is more important, rather than its absolute value.

A 50% change may be considered clinically significant. It must be emphasised that **PSA** may also be elevated in benign prostatic hypertrophy and inflammatory conditions of the surrounding genitourinary tract. Therefore, this parameter should never be used as a screening test for diagnosing prostatic carcinomas but only as an aid in follow up studies.

URINE ROUTINE

QUANTITY	20	ml.
COLOUR	PALE YELLOW	
TRANSPARENCY	CLEAR	
SPECIFIC GRAVITY	1.015	
PH	6.0	
ALBUMIN	NIL	
SUGAR	NIL	

MICROSCOPIC EXAMINATION

PUS CELLS	1-2	/HPF
RBC'S	NIL	/HPF
CASTS	NIL	
CRYSTALS	NIL	
EPITHELIAL CELLS	2-3	/HPF
BACTERIA	NIL	
OTHERS	NIL	



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Name Mr. SATYENDRA KUMAR	Age 40 Yrs.	Sex M
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STOOL EXAMINATION

STOOL ROUTINE & MICROSCOPY

PHYSICAL EXAMINATION

COLOUR/ APPEARANCE	BROWNISH
CONSISTENCY	SEMI-FORMED
PUS	NIL
MUCUS	NIL
BLOOD	NIL

CHEMICAL REACTION

REACTION	ACIDIC
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MICROSCOPY EXAMINATION

PUS CELLS	/HPF
RBC'S	NIL
OVA	NIL
CYST	NIL
BACTERIA	NIL
OTHERS	NIL

BLOOD SUGAR PP	114.2	mg/dl	80 - 160
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