



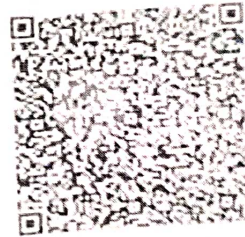
भारत सरकार
GOVERNMENT OF INDIA



गगन कुमार
Gagan Kumar

जन्म वर्ष / Year of Birth : 1980

पुरुष / Male



98749443 4062

आधार — आम आदमी का अधिकार



GAGAN KUMAR
Male 44Years

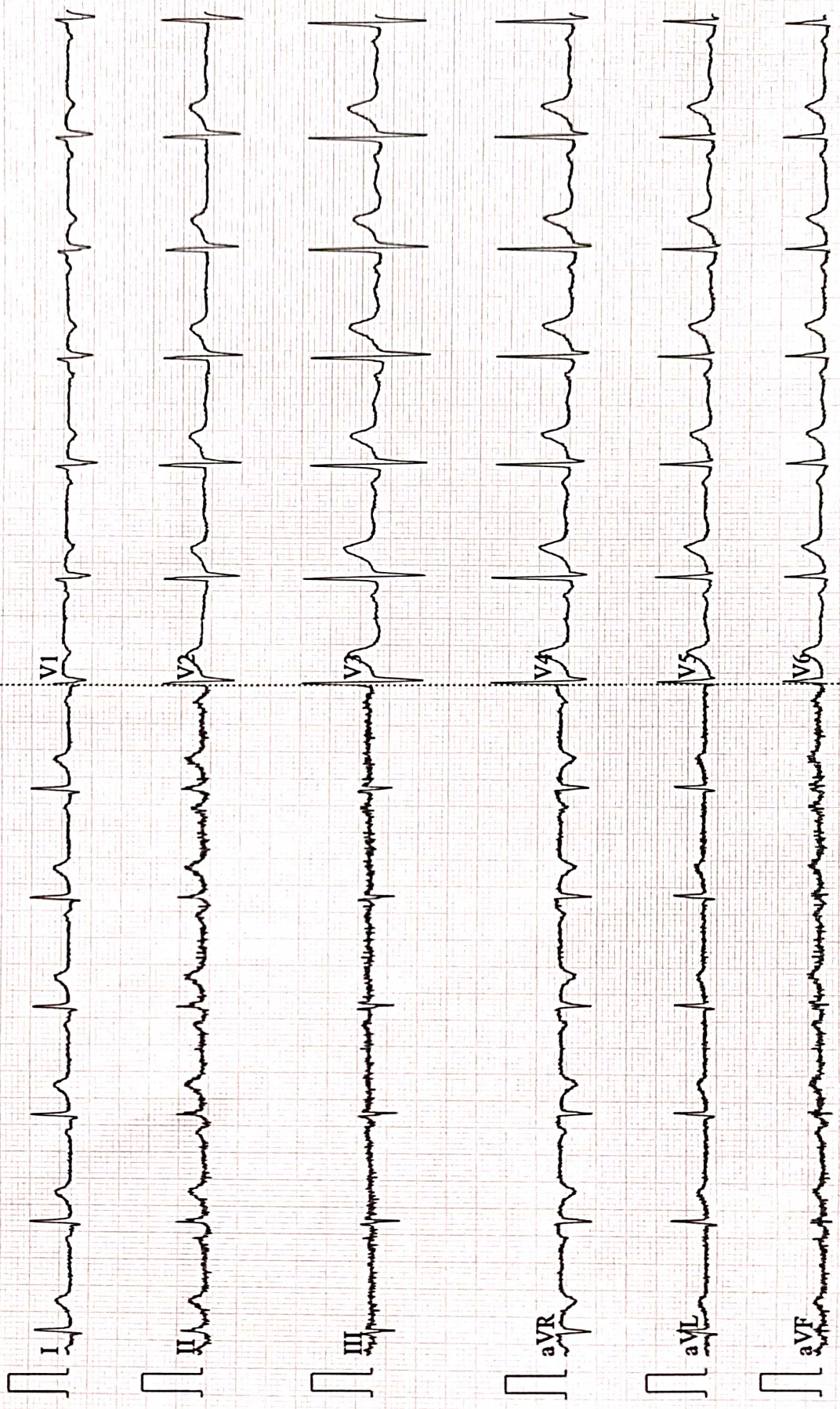
Diagnosis Information:

Sinus Rhythm
Normal ECG

HR : 73 bpm
P : 107 ms
PR : 163 ms
QRS : 81 ms
QT/QTc : 349/387 ms
P/QRS/T : 59/10/35 °
RV5/SV1 : 0.876/0.423 mV

DR. RAMAN
MBBS, MD
Ref-Phys. No. -33940

Report confirmed by:



Patient Name	GAGAN KUMAR	Date	24-08-2024
Age/Sex	44/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

3061 / MR. GAGAN KUMAR / 44 Yrs / M / 176 Cms / 93 Kg Date: 24-Aug-2024 Technician : ARUN

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	79	45 %	120/80	094	00	
Standing	00:11	0:01	00.0	00.0	01.0	81	46 %	120/80	097	00	
HV	00:16	0:01	00.0	00.0	01.0	081	46 %	120/80	097	00	
Warm Up	00:26	0:01	01.0	00.0	01.0	083	47 %	120/80	099	00	
ExStart	00:42	0:06	01.7	10.0	01.1	083	47 %	120/80	099	00	
BRUCE/ Stage 1	03:42	3:00	01.7	10.0	04.7	115	65 %	120/80	138	00	
BRUCE/ Stage 2	06:42	3:00	02.5	12.0	07.1	153	87 %	130/90	198	00	
PeakEx	08:21	1:39	03.4	14.0	08.8	166	94 %	135/95	224	00	
Recovery	09:20	1:00	01.1	00.0	01.2	165	94 %	135/95	222	00	
Recovery	10:20	2:00	01.1	00.0	01.0	124	70 %	130/90	161	00	
Recovery	11:47	3:26	01.1	00.0	01.0	122	69 %	125/85	152	00	

Findings :

Exercise Time : 07:40
Max HR Attained : 183 bpm 104% of Target 176
Max BP Attained : (Sys) 135/95
Max WorkLoad Attained : 8.8 Fair response to induced stress
Max ST Dep Lead & Value : II & -0.9 mm in Recovery mm
Test End Reasons : Test Complete

Report :

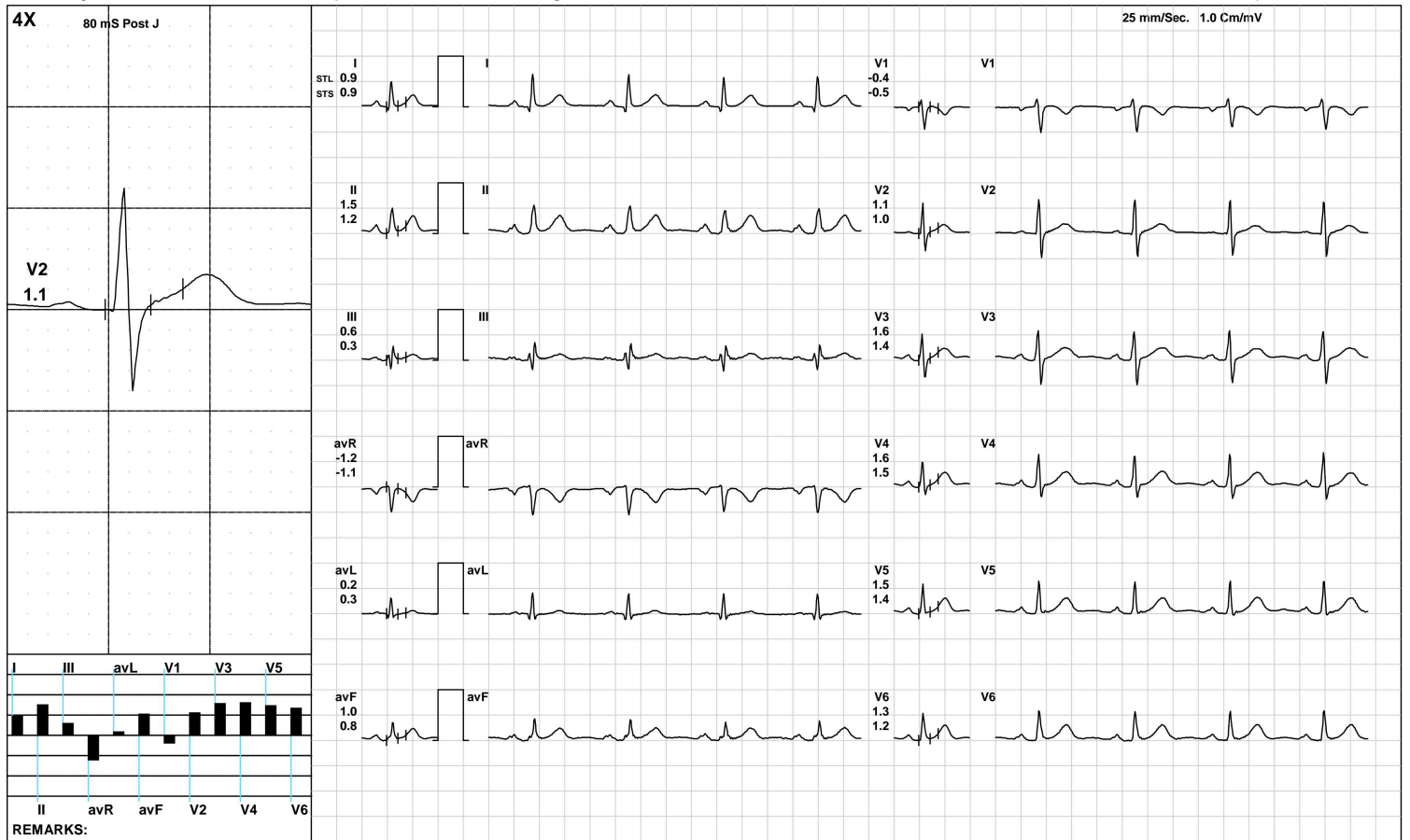
3061 / MR. GAGAN KUMAR / 44 Yrs / M / 176 Cms / 93 Kg / HR : 79

Supine



Date: 24-Aug-2024 01:54:19 PM METS: 1.0/ 79 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%



(GEM212170906)(R)Kardic by Allengers

Standing



3061 / MR. GAGAN KUMAR / 44 Yrs / M / 176 Cms / 93 Kg / HR : 81

Date: 24-Aug-2024 01:54:19 PM METS: 1.0/ 81 bpm 46% 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

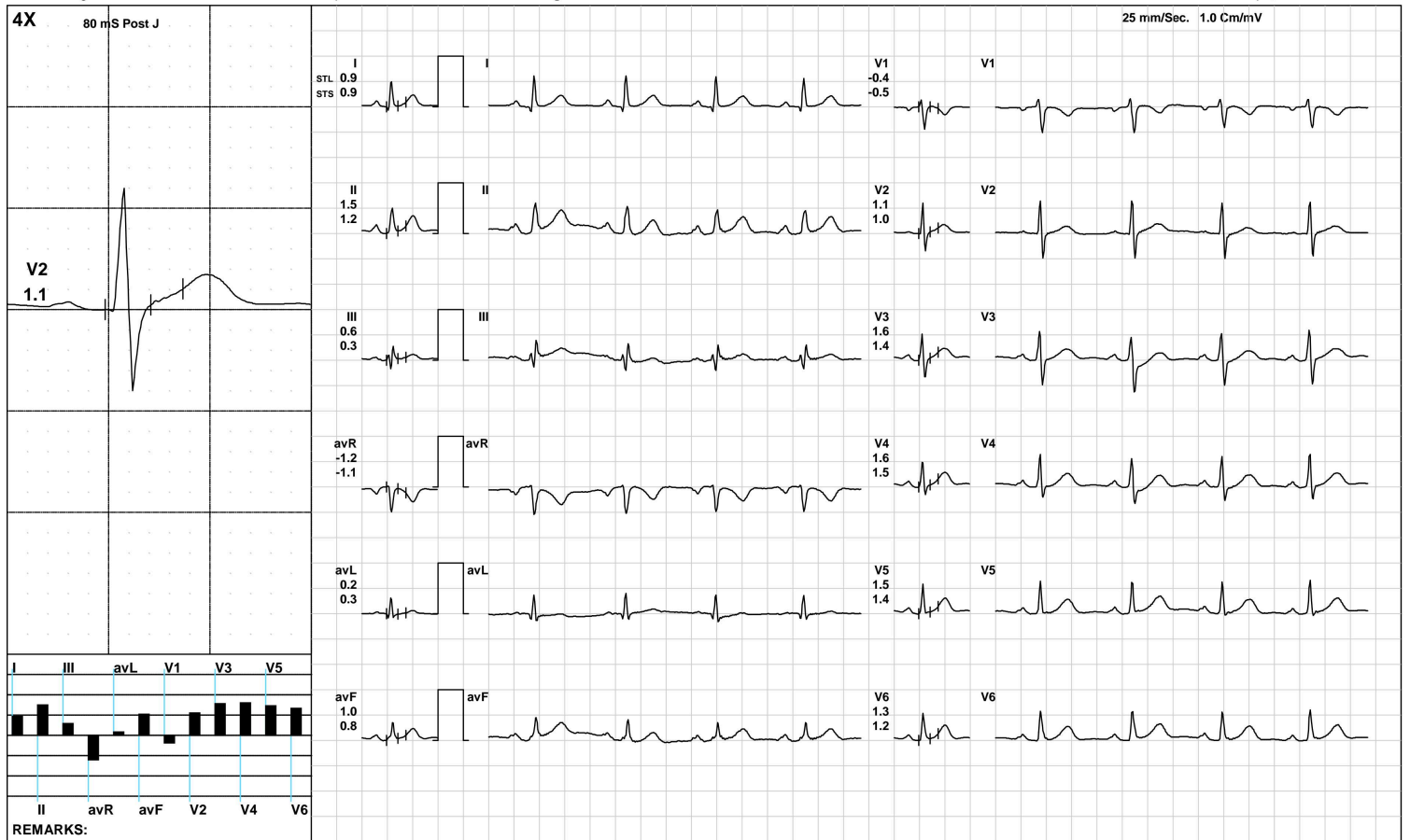
3061 / MR. GAGAN KUMAR / 44 Yrs / M / 176 Cms / 93 Kg / HR : 81

HV



Date: 24-Aug-2024 01:54:19 PM METS: 1.0/ 81 bpm 46% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:16 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

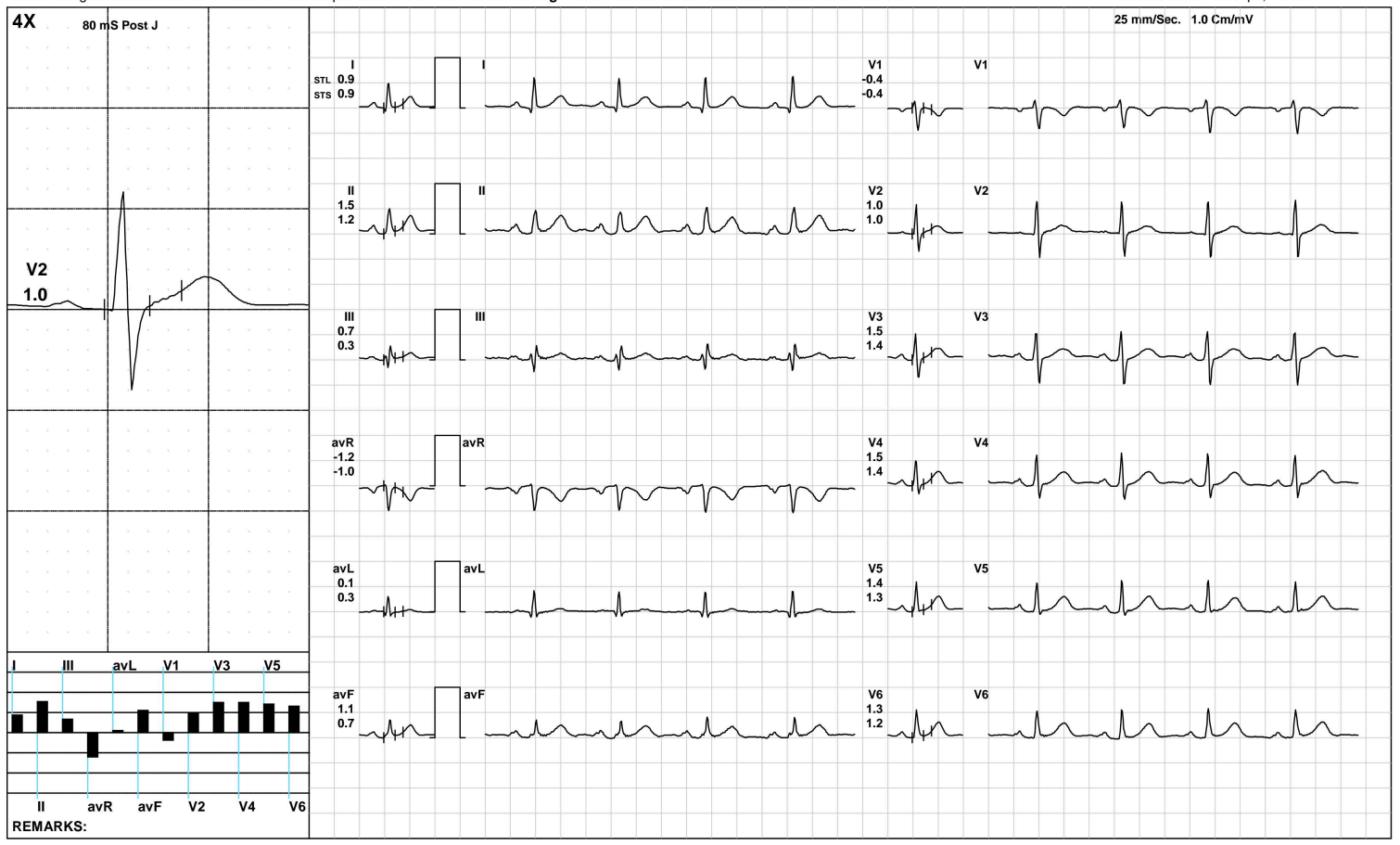
Warm Up



3061 / MR. GAGAN KUMAR / 44 Yrs / M / 176 Cms / 93 Kg / HR : 83

Date: 24-Aug-2024 01:54:19 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: 00:26 1.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

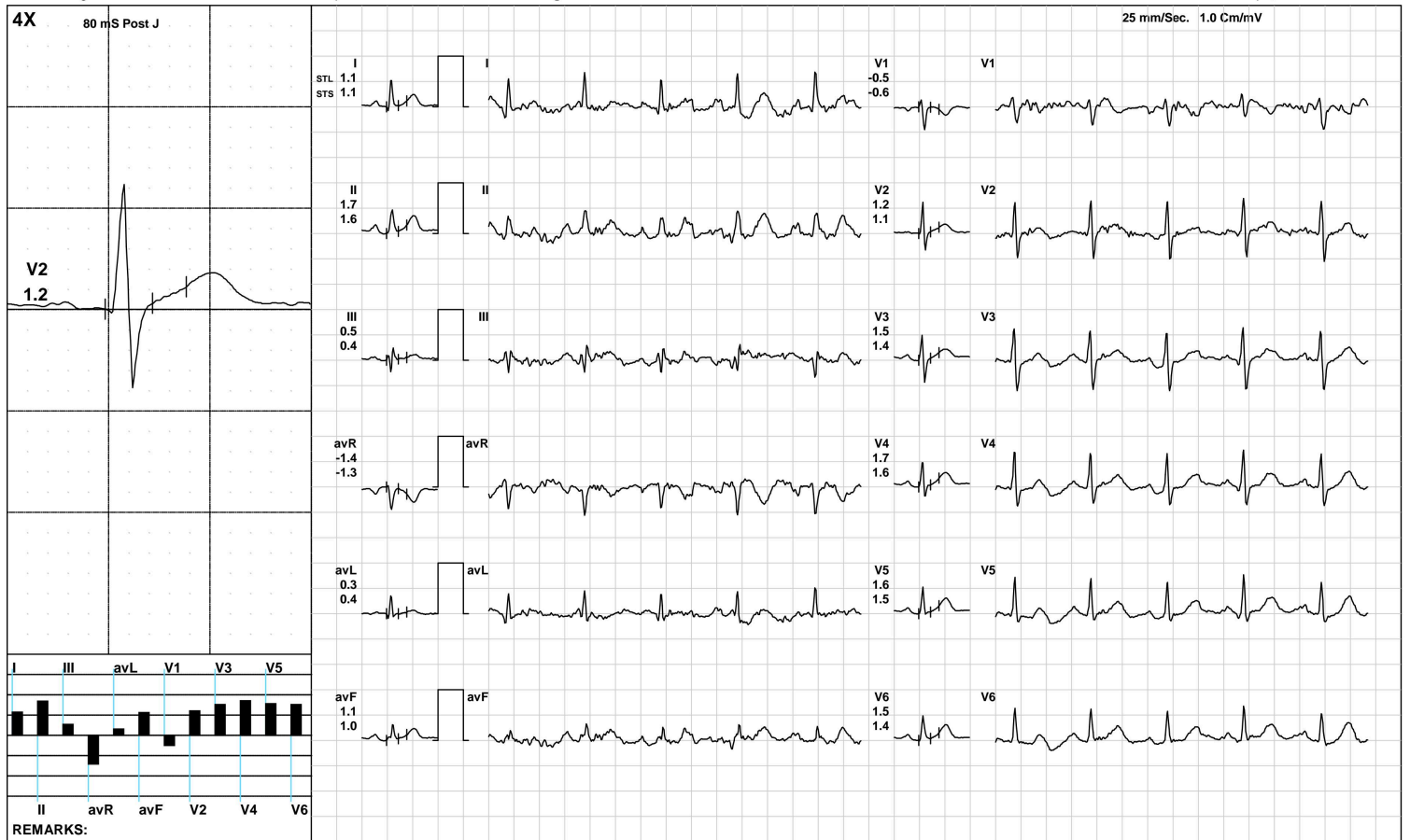
3061 / MR. GAGAN KUMAR / 44 Yrs / M / 176 Cms / 93 Kg / HR : 83

ExStart



Date: 24-Aug-2024 01:54:19 PM METS: 1.1/ 83 bpm 47% 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

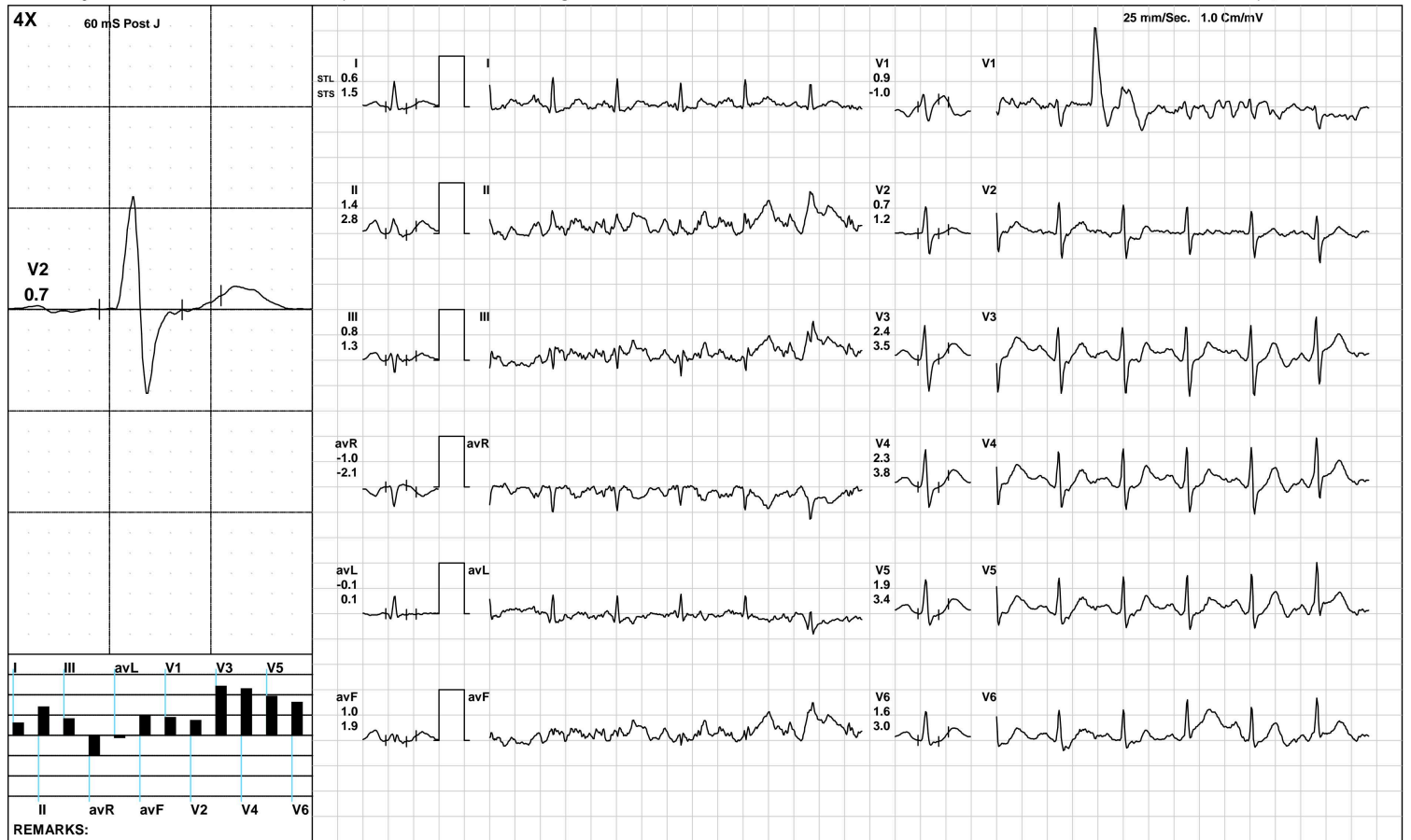
BRUCE: Stage 1(3:00)



3061 / MR. GAGAN KUMAR / 44 Yrs / M / 176 Cms / 93 Kg / HR : 115

Date: 24-Aug-2024 01:54:19 PM METS: 4.7/ 115 bpm 65% 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%



(GEM212170906)(R)Kardic by Allengers

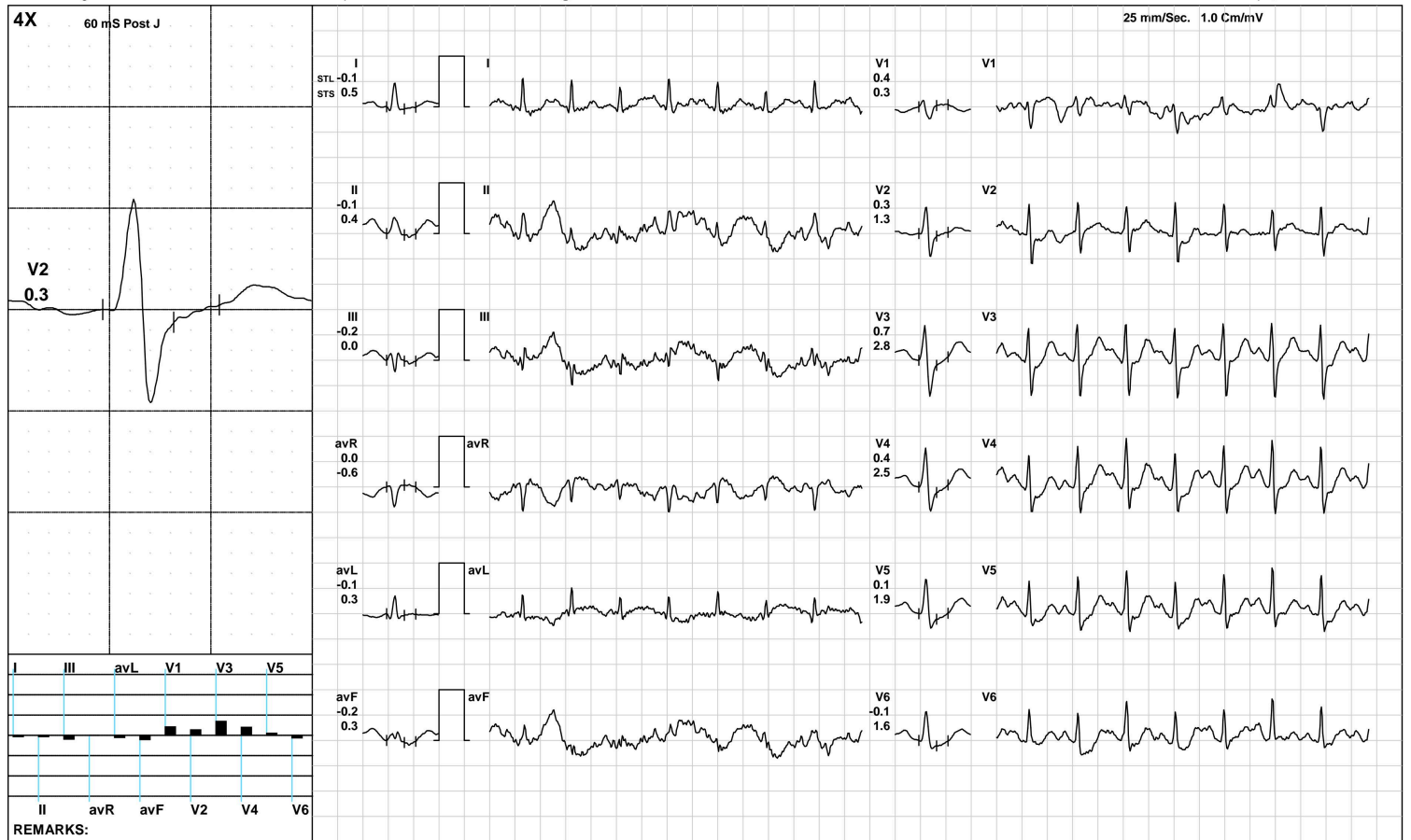
BRUCE/:Stage 2(3:00)



3061 / MR. GAGAN KUMAR / 44 Yrs / M / 176 Cms / 93 Kg / HR : 153

Date: 24-Aug-2024 01:54:19 PM METS: 7.1/ 153 bpm 86% 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

3061 / MR. GAGAN KUMAR / 44 Yrs / M / 176 Cms / 93 Kg / HR : 166

PeakEx



Date: 24-Aug-2024 01:54:19 PM

METS: 8.8/ 166 bpm 94% of THR BP: 135/95 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:39 3.4 mph, 14.0%



(GEM212170906)(R)Kardic by Allengers

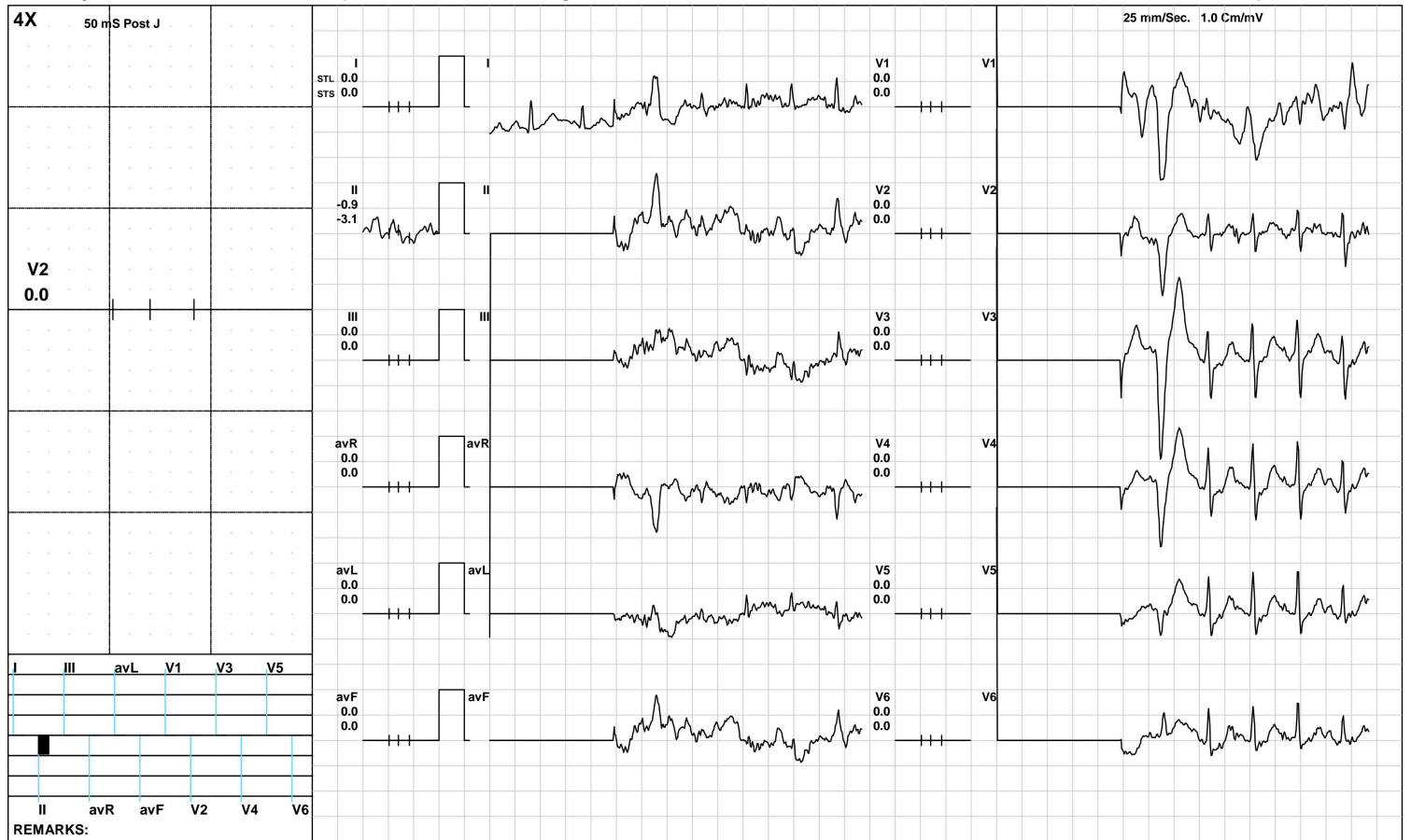
Recovery(1:00)



3061 / MR. GAGAN KUMAR / 44 Yrs / M / 176 Cms / 93 Kg / HR : 165

Date: 24-Aug-2024 01:54:19 PM METS: 1.2/ 165 bpm 93% of THR BP: 135/95 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:40 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

Recovery(2:00)



3061 / MR. GAGAN KUMAR / 44 Yrs / M / 176 Cms / 93 Kg / HR : 124

Date: 24-Aug-2024 01:54:19 PM METS: 1.0/ 124 bpm 70% of THR BP: 130/90 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:40 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

Recovery(3:26)



3061 / MR. GAGAN KUMAR / 44 Yrs / M / 176 Cms / 93 Kg / HR : 122

Date: 24-Aug-2024 01:54:19 PM METS: 1.0/ 122 bpm 69% of THR BP: 125/85 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 07:40 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

ST Measurements



3061 / MR. GAGAN KUMAR / 44 Yrs / M / 176 Cms / 93 Kg / HR : 94

Date: 24-Aug-2024 01:54:19 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	0.9	1.5	0.6	-1.2	0.2	1.0	-0.4	1.1	1.6	1.6	1.5	1.3	0.9	1.2	0.3	-1.1	0.3	0.8	-0.5	1.0	1.4	1.5	1.4	1.2	
80 @mS Standing	0.9	1.5	0.6	-1.2	0.2	1.0	-0.4	1.1	1.6	1.6	1.5	1.3	0.9	1.2	0.3	-1.1	0.3	0.8	-0.5	1.0	1.4	1.5	1.4	1.2	
HV	0.9	1.5	0.6	-1.2	0.2	1.0	-0.4	1.1	1.6	1.6	1.5	1.3	0.9	1.2	0.3	-1.1	0.3	0.8	-0.5	1.0	1.4	1.5	1.4	1.2	
Warm Up	0.9	1.5	0.7	-1.2	0.1	1.1	-0.4	1.0	1.5	1.5	1.4	1.3	0.9	1.2	0.3	-1.0	0.3	0.7	-0.4	1.0	1.4	1.4	1.3	1.2	
ExStart	1.1	1.7	0.5	-1.4	0.3	1.1	-0.5	1.2	1.5	1.7	1.6	1.5	1.1	1.6	0.4	-1.3	0.4	1.0	-0.6	1.1	1.4	1.6	1.5	1.4	
Stage 1	0.6	1.4	0.8	-1.0	-0.1	1.0	0.9	0.7	2.4	2.3	1.9	1.6	1.5	2.8	1.3	-2.1	0.1	1.9	-1.0	1.2	3.5	3.8	3.4	3.0	
Stage 2	-0.1	-0.1	-0.2	0.0	-0.1	-0.2	0.4	0.3	0.7	0.4	0.1	-0.1	0.5	0.4	0.0	-0.6	0.3	0.3	0.3	1.3	2.8	2.5	1.9	1.6	
PeakEx	-0.2	-0.5	0.0	0.3	-0.3	0.3	0.5	0.5	1.0	0.4	-0.1	-0.3	0.2	1.4	0.2	-1.2	0.2	1.2	0.6	1.5	3.7	3.3	2.5	1.8	
Recovery	0.0	-0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Recovery	0.9	2.4	1.6	-1.6	-0.3	2.0	-0.2	1.6	4.0	3.5	2.7	2.1	1.8	4.1	2.4	-2.9	-0.3	3.2	-1.1	1.9	6.0	5.6	4.6	3.7	
Recovery	0.8	2.5	1.7	-1.6	-0.4	2.0	-0.5	1.1	3.3	3.0	2.4	2.0	1.3	3.5	2.2	-2.4	-0.4	2.9	-1.0	0.9	3.9	3.8	3.3	2.8	

	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6	
STI(μVs)													
Supine		9.2	14.5	5.4	-11.8	1.9	10.0	-4.8	8.9	12.3	13.6	13.3	12.7
Standing		9.2	14.5	5.4	-11.8	1.9	10.0	-4.8	8.9	12.3	13.6	13.3	12.7
HV		9.2	14.5	5.4	-11.8	1.9	10.0	-4.8	8.9	12.3	13.6	13.3	12.7
Warm Up		8.7	14.9	6.2	-11.8	1.3	10.6	-4.8	8.2	11.9	13.0	13.1	12.5
ExStart		10.1	15.0	5.0	-12.5	2.6	10.0	-5.5	9.5	11.5	13.7	13.4	13.3
Stage 1		1.5	4.0	2.6	-2.7	-0.5	2.5	8.4	2.6	9.1	8.0	6.3	5.2
Stage 2		-1.2	-2.2	-2.2	1.4	-0.8	-3.0	2.5	-0.4	-0.9	-2.3	-3.3	-4.1
PeakEx		-1.5	-5.8	-2.3	4.0	-1.7	-1.1	2.2	0.1	-1.3	-3.5	-5.5	-5.7
Recovery		0.0	-3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Recovery		2.1	7.8	5.8	-4.9	-1.8	6.9	0.4	5.5	13.9	11.3	8.0	6.0
Recovery		2.4	9.8	7.4	-6.1	-2.5	8.5	-1.4	5.2	15.0	12.8	9.8	7.8

Median Measurement Summary



3061 / MR. GAGAN KUMAR / 44 Yrs / Male / 176 Cm / 93 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	83	132	72	31	434	192	659	-517	361	-36	V1	-9	0.00	0	0
01:00	83	188	54	31	347	192	659	-517	361	-36	avL	-9	0.00	0	0
01:30	116	278	46	17	362	-240	765	-590	291	-46	avL	-62	0.00	0	0
02:00	121	150	74	20	475	225	723	-618	260	-46	avL	-62	0.00	0	0
02:30	122	158	74	22	468	-268	757	-606	323	-140	V1	-131	0.00	0	0
03:00	125	130	76	12	473	245	747	-617	345	2	V1	-99	0.00	0	0
03:30	123	148	74	15	314	298	754	-648	323	-124	V1	-51	0.00	0	0
04:00	133	146	74	20	322	306	760	-682	361	-121	V6	-55	0.00	0	0
04:30	142	138	70	17	335	284	779	-714	292	-61	II	-70	0.00	0	0
05:00	145	76	68	19	339	203	721	-748	302	-61	II	-187	0.00	0	0
05:30	149	128	72	-11	347	267	774	-720	320	-83	avF	-112	0.00	0	0
06:00	152	114	74	12	435	473	743	-740	516	-156	V6	-82	0.00	0	0
06:30	153	106	74	11	455	277	773	-721	352	-208	V6	-97	0.00	0	0
07:00	156	118	74	-10	429	252	782	-744	377	-59	II	-90	0.00	0	0
07:30	163	110	70	1	347	305	736	-766	339	-271	V5	-126	0.00	0	0
08:00	168	102	72	3	342	271	734	-734	348	-151	avF	-138	0.00	0	0
08:30	165	104	76	2	342	248	0	-764	-764	-658	II	-515	0.00	0	0
09:00	165	160	48	2	196	0	0	-764	-764	-658	II	-515	0.00	0	0
09:30	165	160	48	2	196	0	0	-764	-764	-658	V6	-515	0.00	0	0
10:00	132	140	100	19	314	293	794	-764	-764	-20	avL	-30	0.00	0	0
10:30	127	148	72	13	442	271	802	-673	560	-28	avL	-23	0.00	0	0
11:00	126	152	74	20	442	278	801	-634	501	-38	avL	-23	0.00	0	0
11:30	124	152	72	17	451	264	805	-634	460	-37	avL	-28	0.00	0	0



Name :- Gagan Kumar
Refd by :- Corp

Age/Sex:- 44Yrs/M
Date :- 24/08/24

Thanks for referral.

REPORT OF USG OF WHOLE ABDOMEN

- Liver** :- Enlarged in size(15.6cm) 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 (9.6cm) 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 10.9cm and Left Kidney measures 11.2cm.
- Ureters** :- Ureters are normal.
- U. Bladder**:- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Prostate** :- Normal in size (10.8cc) and echotexture.
- Others** :- No ascites or abdominal adenopathy is seen.
No free subphrenic / basal pleural space collection is seen.

IMPRESSION:- *Hepatomegaly with Grade I Fatty Liver.
Otherwise Normal scan.*

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



ISO 9001 : 2015

AAROGYAM DIAGNOSTICS

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

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9264278360, 9065875700, 8789391403

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www.aarogyamdiagnostics.com

Date	24/08/2024	Srl No. 1	Patient Id 2408240001
Name	Mr. GAGAN KUMAR	Age 44 Yrs.	Sex M
Ref. By	Dr.MEDIWHEEL		

Test Name	Value	Unit	Normal Value
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HAEMATOLOGY

HB A1C	5.2	%	
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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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 www.aarogyamdiagnostics.com

Date	24/08/2024	Srl No. 1	Patient Id 2408240001
Name	Mr. GAGAN KUMAR	Age 44 Yrs.	Sex M
Ref. By	Dr.MEDIWHEEL		

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	13.9	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTE COUNT (TLC)	6,800	/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	4.69	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	41.7	%	40 - 54
M C V	88.91	fl.	80 - 100
M C H	29.64	Picogram	27.0 - 31.0
M C H C	33.3	gm/dl	33 - 37
PLATELET COUNT	2.44	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"O"		
RH TYPING	POSITIVE		

**** End Of Report ****

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



ISO 9001 : 2015

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Date 24/08/2024	Srl No. 1	Patient Id 2408240001
Name Mr. GAGAN KUMAR	Age 44 Yrs.	Sex M
Ref. By Dr.MEDIWHEEL		

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

BIOCHEMISTRY

BLOOD SUGAR FASTING	88.2	mg/dl	70 - 110
BLOOD SUGAR PP	126.3	mg/dl	80 - 160
SERUM CREATININE	0.91	mg%	0.7 - 1.4
BLOOD UREA	21.6	mg /dl	15.0 - 45.0
BLOOD UREA NITROGEN (BUN)	10.093	mg%	6.0 - 20.0
SERUM URIC ACID	5.2	mg%	3.4 - 7.0

LIVER FUNCTION TEST (LFT)

BILIRUBIN TOTAL	0.81	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.24	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.57	mg/dl	0.00 - 0.70
TOTAL PROTEIN	7.61	gm/dl	6.6 - 8.3
ALBUMIN	4.52	gm/dl	3.4 - 5.2
GLOBULIN	3.09	gm/dl	2.3 - 3.5
A/G RATIO	1.463		
SGOT	63.0	IU/L	5 - 40
SGPT	53.9	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	77.8	U/L	40.0 - 130.0
GAMMA GT	25.0	IU/L	8.0 - 71.0

LFT INTERPRET

LIPID PROFILE



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AAROGYAM DIAGNOSTICS

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

F- 41, P.C. Colony, Opp. Madhuban Complex,
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9264278360, 9065875700, 8789391403

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www.aarogyamdiagnostics.com

Date	24/08/2024	Srl No. 1	Patient Id 2408240001
Name	Mr. GAGAN KUMAR	Age 44 Yrs.	Sex M
Ref. By	Dr.MEDIWHEEL		

Test Name	Value	Unit	Normal Value
TRIGLYCERIDES	136.1	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	183.6	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	69.2	mg/dL	35.1 - 88.0
V L D L	27.22	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	87.18	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	2.653		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	1.26		0.00 - 3.55

SEROLOGY

TOTAL PSA	0.68	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



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Date	24/08/2024	Srl No.	1	Patient Id	2408240001
Name	Mr. GAGAN KUMAR	Age	44 Yrs.	Sex	M
Ref. By	Dr.MEDIWHEEL				

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

If levels are normal : Every 3 monthly initially, later annually.

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	0-1	/HPF
RBC'S	NIL	/HPF
CASTS	NIL	
CRYSTALS	NIL	
EPITHELIAL CELLS	1-2	/HPF
BACTERIA	NIL	



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Date	24/08/2024	Srl No.	1	Patient Id	2408240001
Name	Mr. GAGAN KUMAR	Age	44 Yrs.	Sex	M
Ref. By	Dr.MEDIWHEEL				

Test Name	Value	Unit	Normal Value
OTHERS	NIL		

**** End Of Report ****

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



MC-2024

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



40804100583

TEST REPORT

Reg.No : 40804100583	Reg.Date : 25-Aug-2024 14:24	Collection : 25-Aug-2024 14:24
Name : GAGAN KUMAR		Received : 25-Aug-2024 14:24
Age : 44 Years	Sex : Male	Report : 25-Aug-2024 15:38
Referred By : AAROGYAM DIAGNOSTICS @ PATNA		Dispatch : 25-Aug-2024 15:58
Referral Dr : □	Status : Final	Location : 41 - PATNA

Test Name	Results	Units	Bio. Ref. Interval
THYROID FUNCTION TEST			
T3 (triiodothyronine), Total <i>CMA</i>	1.42	ng/mL	0.70 - 2.04
T4 (Thyroxine), Total <i>CMA</i>	8.31	µg/dL	4.6 - 10.5
TSH (Thyroid stimulating hormone) <i>CMA</i>	H 5.711	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 -----

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