

2008



बैंक ऑफ बड़ोदा
Bank of Baroda

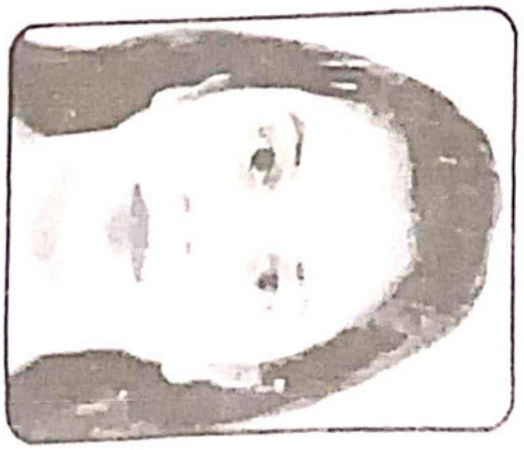


नाम : सौम्या अपराजिता

Name : Somya Aprajita

कर्मचारी कूट.क्र. : 90६६9६

E C. No. : 106619



[Handwritten Signature]

१३/०५/१९९०

५०-३१५४

Somya Aprajita

सौम्या अपराजिता

धारा के तलाश

Somya Aprajita

ID: 199

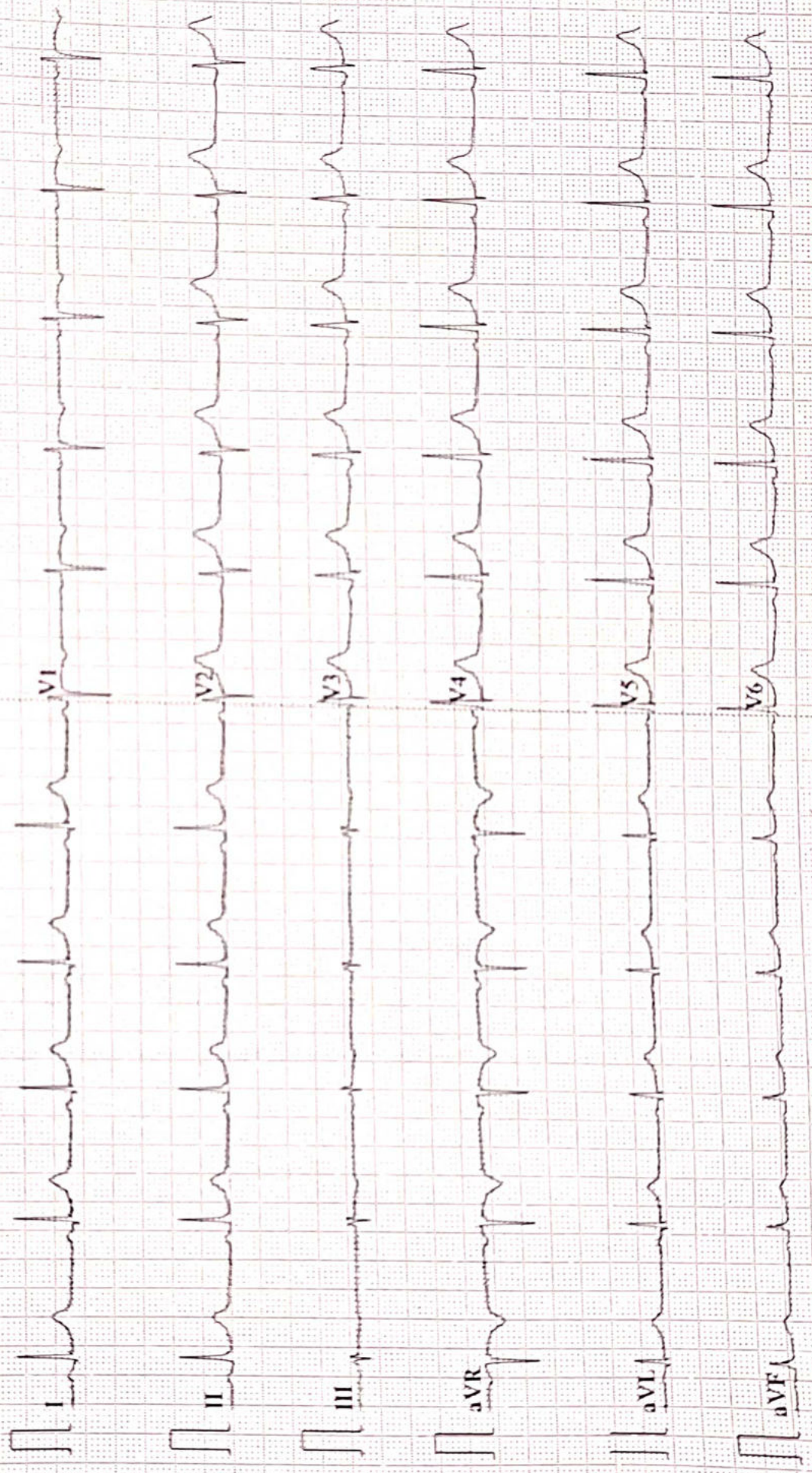
SOMYA APRAJITA
Female 31Years

30-11-2022 11:21:27 AM

HR : 64 bpm
P : 103 ms
PR : 145 ms
QRS : 78 ms
QT/QTc : 401/416 ms
P/QRS/T : 48/35/23 °
RV5/SV1 : 1.163/0.788 mV

Diagnosis Information:
Sinus Rhythm
Normal ECG

Ref-Phys. :
Report Confirmed by:



Aarogyam Diagnostics

Patna-20

1625 / MRS.SOMYA APRAJITA / 31 Yrs / F / 155 Cms / 83 Kg Date: 30-Nov-2022 Technician : RESHMA ALI

Report

(GEM212170906)(R)Kardic by Allengers

Stage	Time	Duration	Belt Speed (mph)	Elevation	METs	Rate	% THR Achieved	BP	RPP	PVC	Comments
Supine	00:05	0:01	00.0	00.0	01.0	89	47 %	110/70	097	00	
Standing	00:16	0:01	00.0	00.0	01.0	85	45 %	110/70	093	00	
HV	00:26	0:01	00.0	00.0	01.0	077	41 %	110/70	084	00	
Warm Up	00:41	0:02	01.7	10.0	01.0	088	47 %	110/70	096	00	
ExStart	00:45	0:06	01.7	10.0	01.1	088	47 %	110/70	096	00	
BRUCE/ Stage 1	03:45	3:00	01.7	10.0	04.7	134	71 %	115/75	154	00	
BRUCE/ Stage 2	06:45	3:00	02.5	12.0	07.1	164	87 %	120/80	196	00	
PeakEx	07:00	0:15	03.4	14.0	07.4	168	89 %	120/80	201	00	
Recovery	07:59	1:00	01.1	00.0	01.2	146	77 %	115/75	167	00	
Recovery	08:59	2:00	01.1	00.0	01.0	128	68 %	110/70	140	00	
Recovery	10:02	3:02	01.1	00.0	01.0	120	63 %	110/70	132	00	

Findings :

Exercise Time : 06:16
Max HR Attained : 168 bpm 89% of Target 189
Max BP Attained : (Sys) 120/80
Max WorkLoad Attained : 7.4 Fair response to induced stress
Max ST Dep Lead & Value : III & -0.4 mm in PeakEx mm
Test End Reasons : Test Complete, Test Complete, Test Complete, Fatigue

Report :

Aarogyam Diagnostics

1625 / MRS.SOMYA APRAJITA / 31 Yrs / F / 155 Cms / 83 Kg / HR : 89

Supine



Date: 30-Nov-2022 11:44:55 AM METS: 1.0/ 89 bpm 47% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:05 0.0 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

Aarogyam Diagnostics

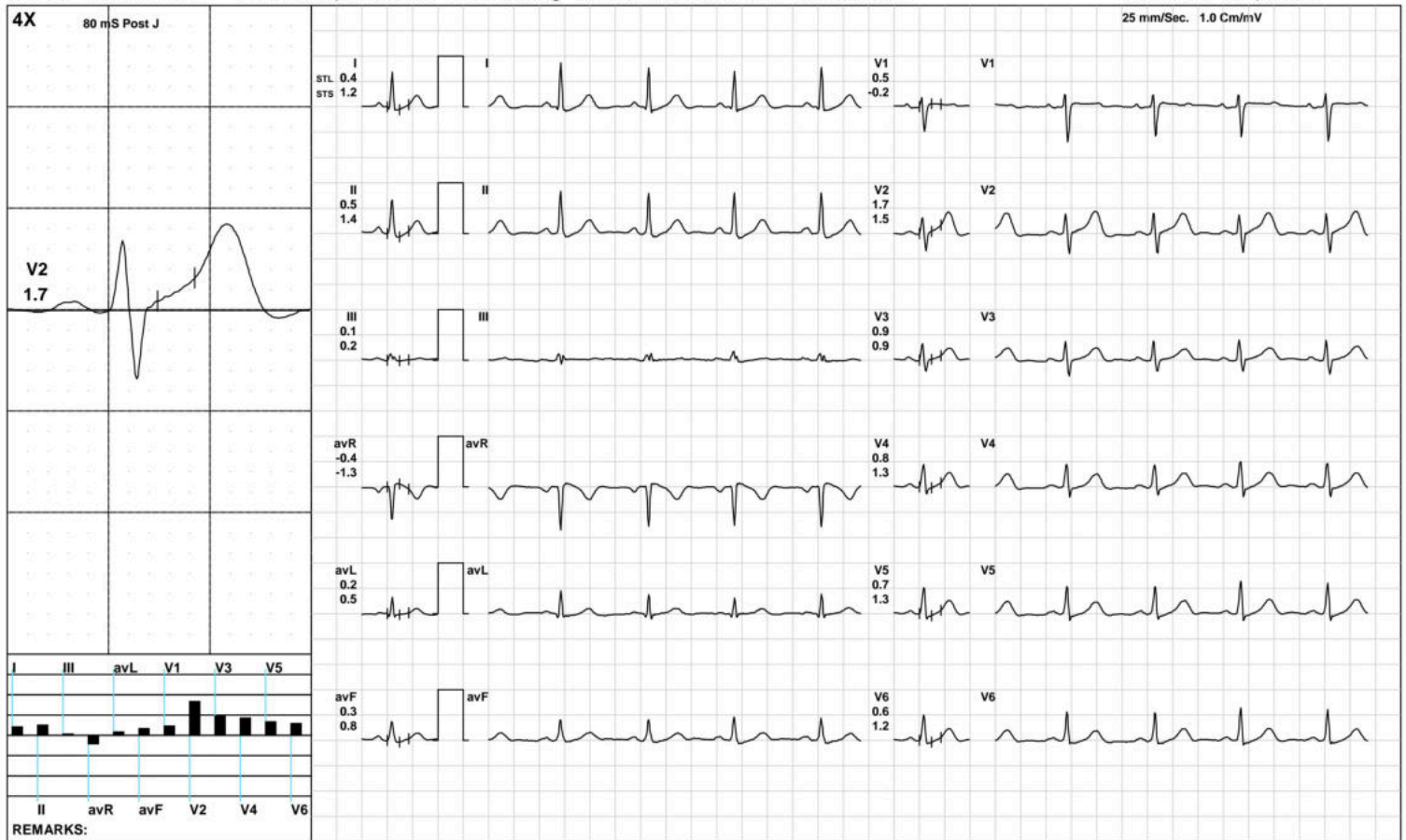
1625 / MRS.SOMYA APRAJITA / 31 Yrs / F / 155 Cms / 83 Kg / HR : 85

Standing



Date: 30-Nov-2022 11:44:55 AM METS: 1.0/ 85 bpm 44% of THR BP: 110/70 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

Aarogyam Diagnostics

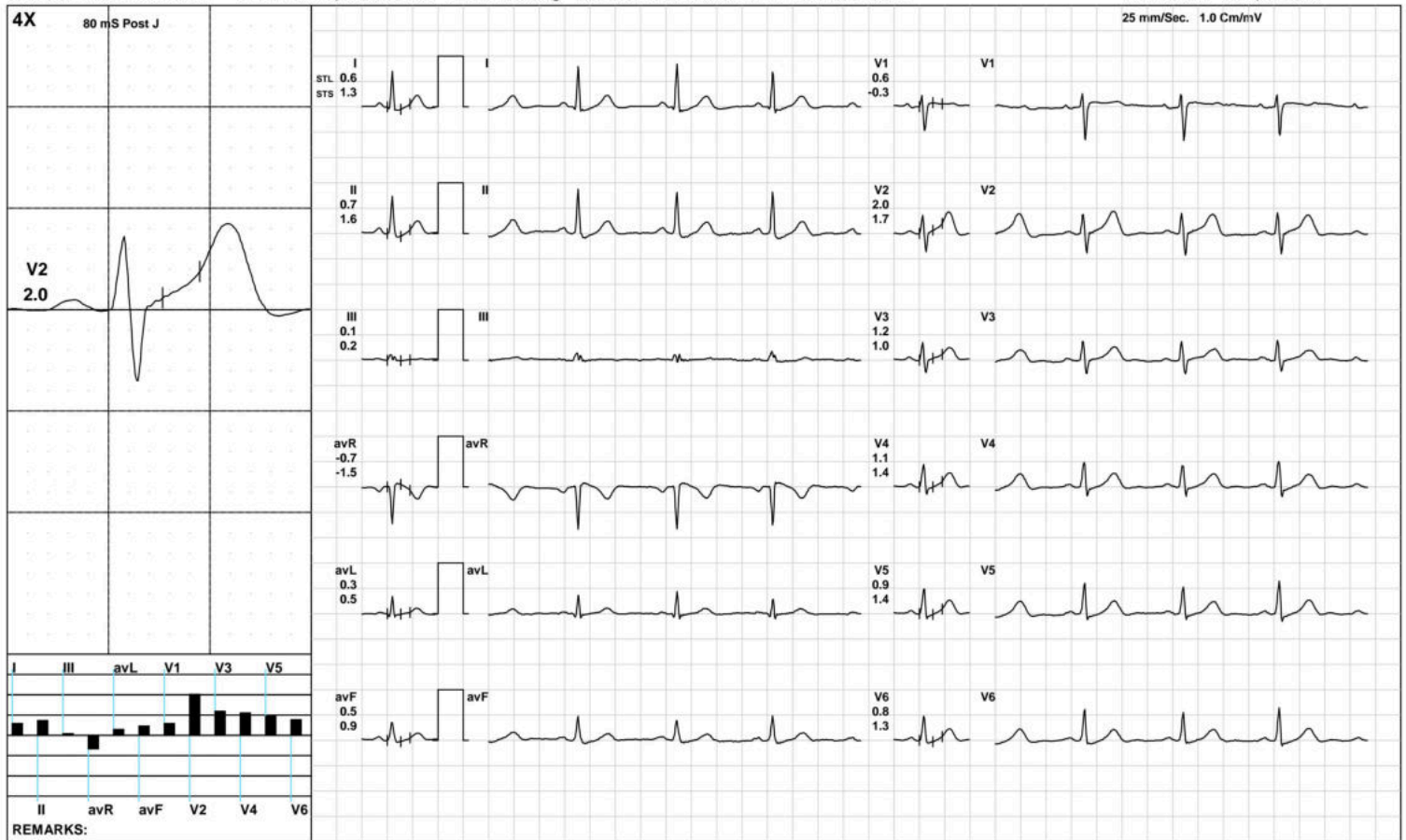
HV



1625 / MRS.SOMYA APRAJITA / 31 Yrs / F / 155 Cms / 83 Kg / HR : 77

Date: 30-Nov-2022 11:44:55 AM METS: 1.0/ 77 bpm 40% of THR BP: 110/70 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

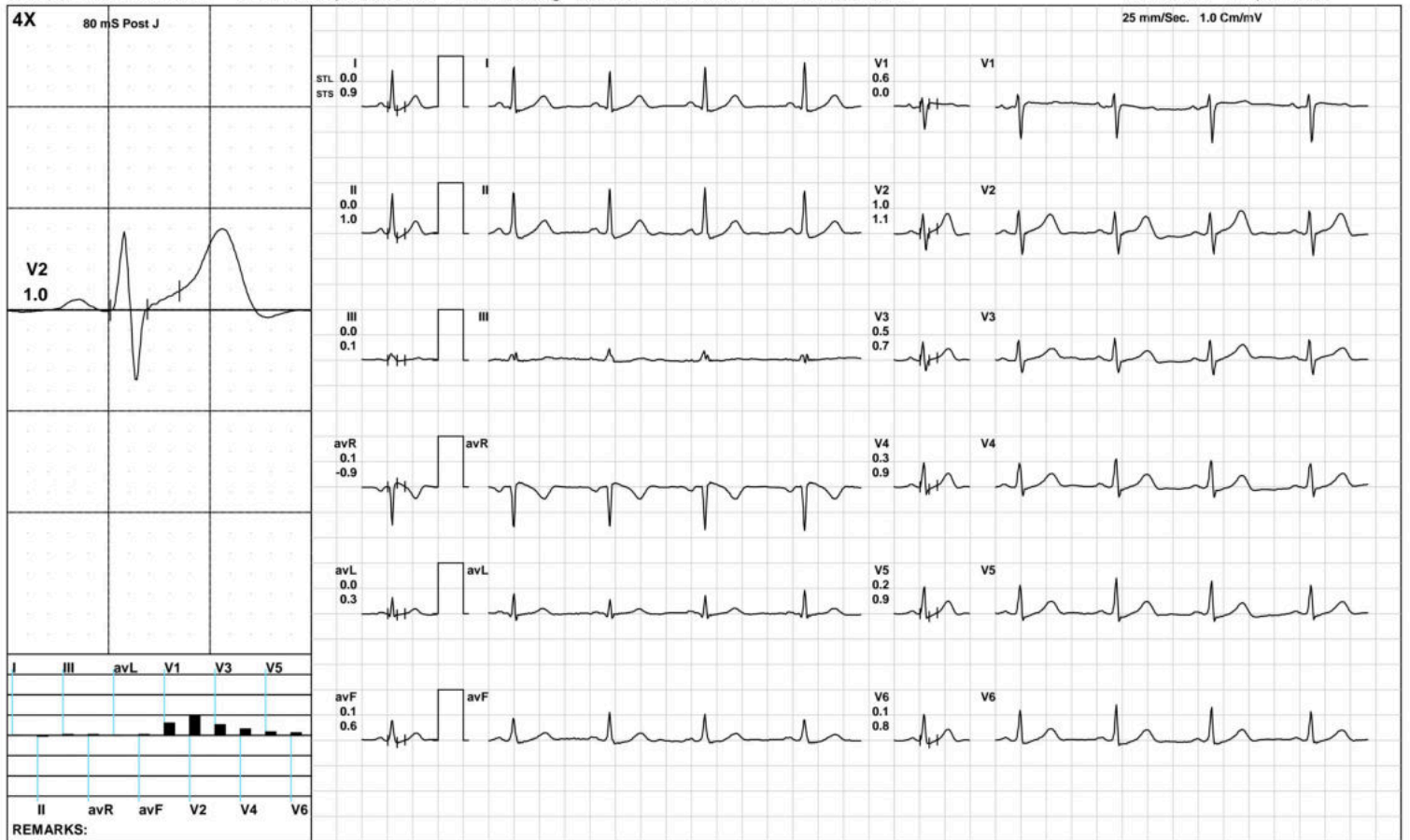
Warm Up



1625 / MRS.SOMYA APRAJITA / 31 Yrs / F / 155 Cms / 83 Kg / HR : 88

Date: 30-Nov-2022 11:44:55 AM METS: 1.0/ 88 bpm 46% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 00:02 1.7 mph, 10.0%



(GEM212170906)(R)Kardic by Allengers

Aarogyam Diagnostics

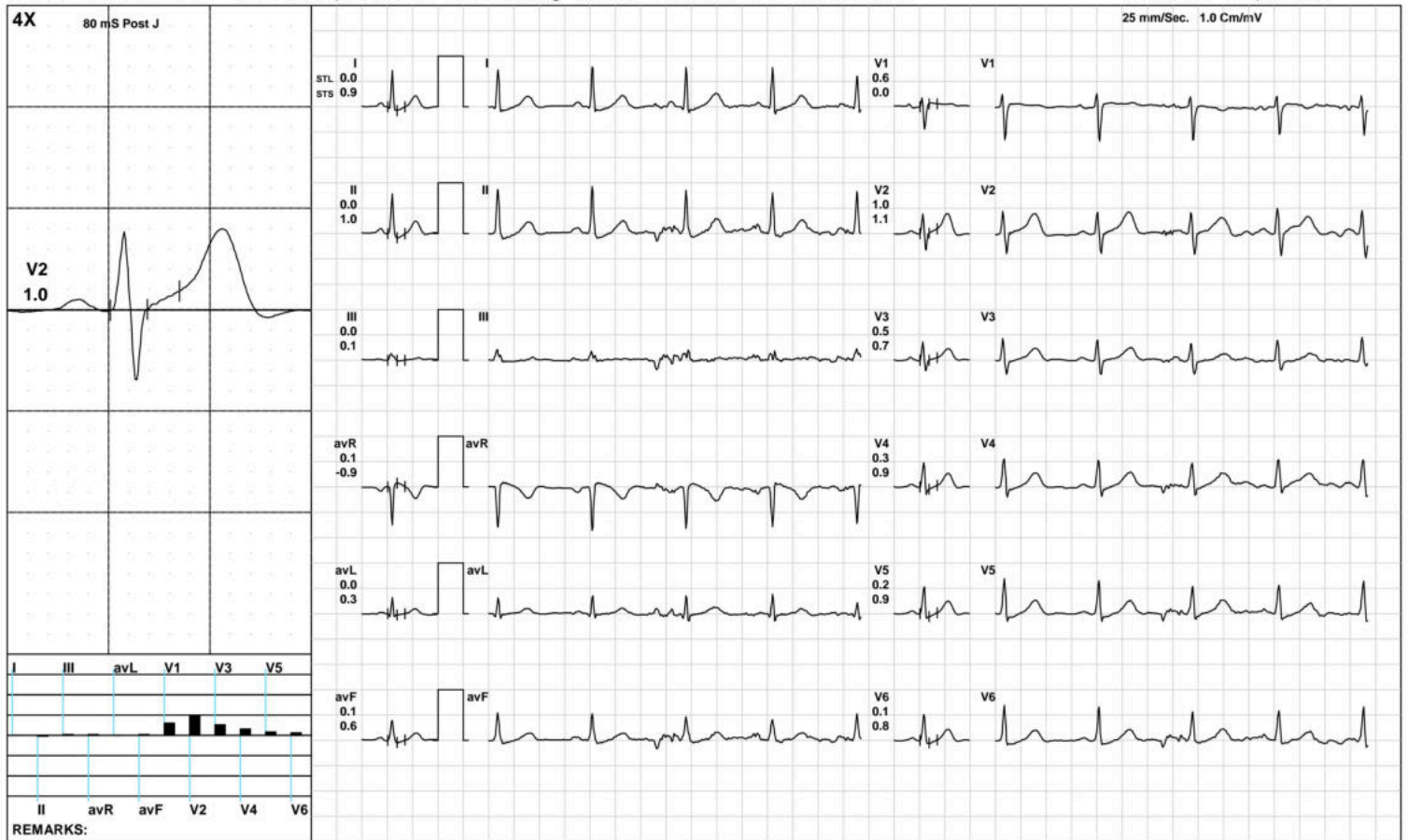
ExStart



1625 / MRS.SOMYA APRAJITA / 31 Yrs / F / 155 Cms / 83 Kg / HR : 88

Date: 30-Nov-2022 11:44:55 AM METS: 1.1/ 88 bpm 46% of THR BP: 110/70 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

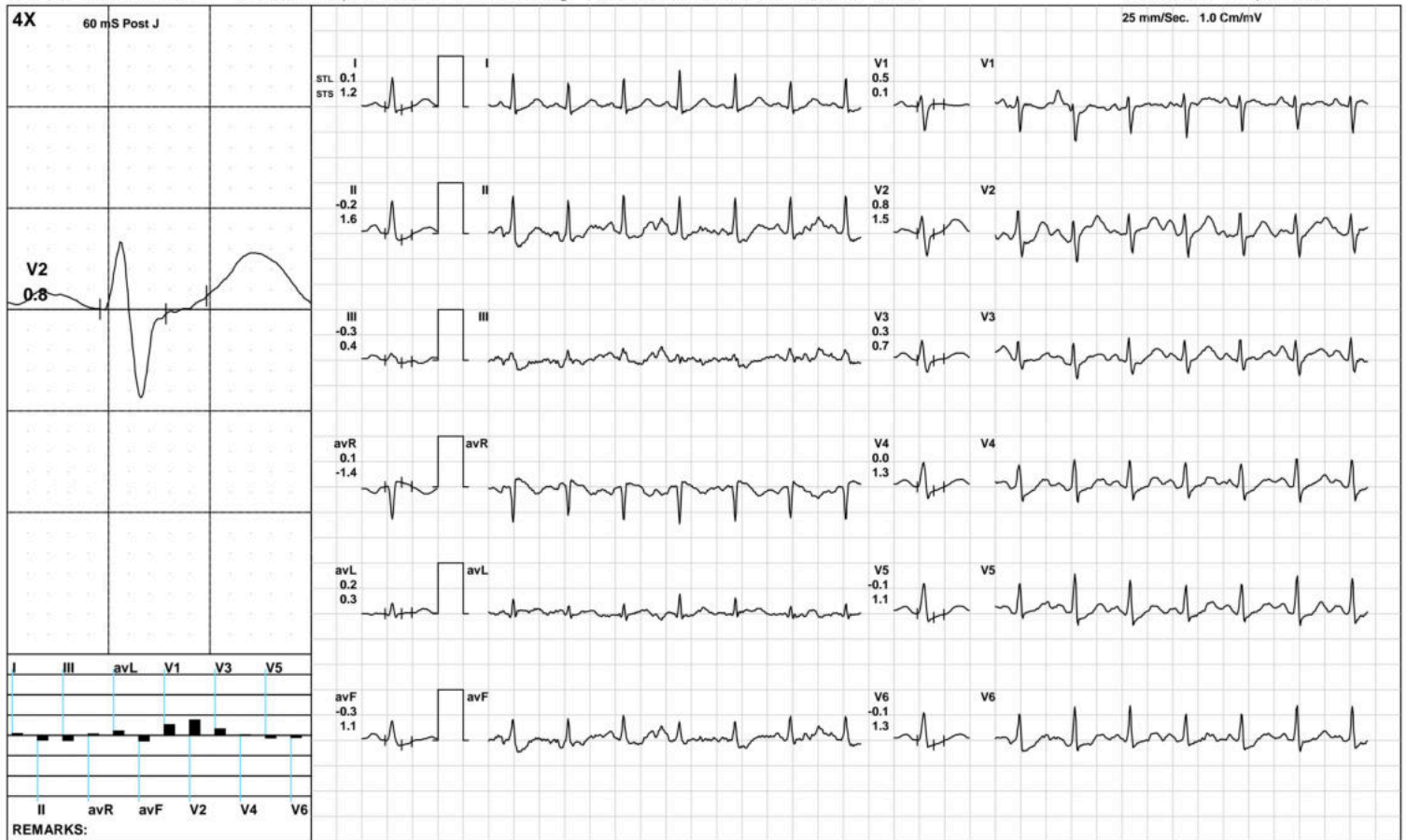
BRUCE/:Stage 1(3:00)



1625 / MRS.SOMYA APRAJITA / 31 Yrs / F / 155 Cms / 83 Kg / HR : 134

Date: 30-Nov-2022 11:44:55 AM METS: 4.7/ 134 bpm 70% of THR BP: 115/75 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

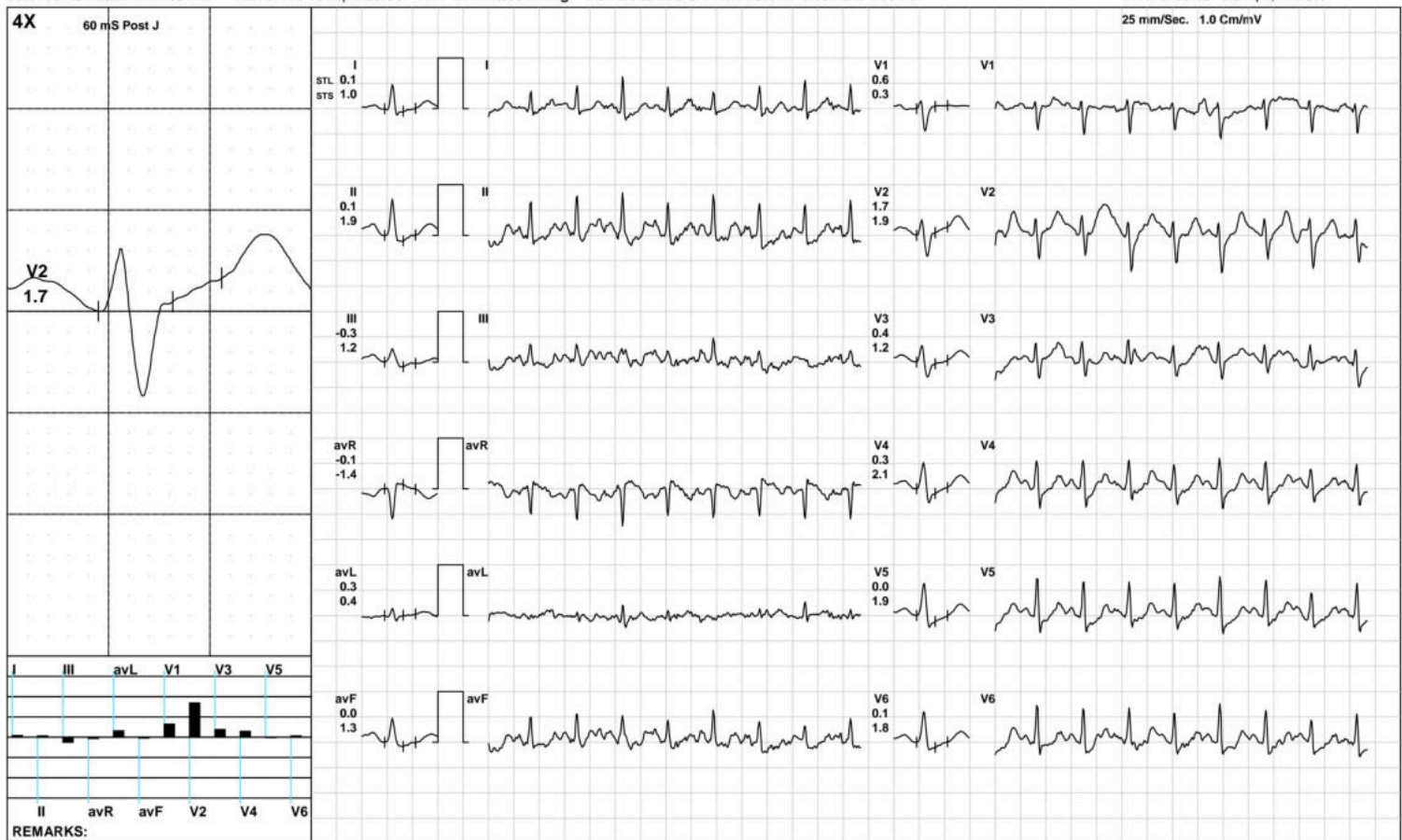
Aarogyam Diagnostics

BRUCE/:Stage 2(3:00)



1625 / MRS.SOMYA APRAJITA / 31 Yrs / F / 155 Cms / 83 Kg / HR : 164

Date: 30-Nov-2022 11:44:55 AM METS: 7.1/ 164 bpm 86% of THR BP: 120/80 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

PeakEx



1625 / MRS.SOMYA APRAJITA / 31 Yrs / F / 155 Cms / 83 Kg / HR : 168

Date: 30-Nov-2022 11:44:55 AM METS: 7.4/ 168 bpm 88% of THR BP: 120/80 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 06:15 3.4 mph, 14.0%



(GEM212170906)(R)Kardic by Allengers

Aarogyam Diagnostics

1625 / MRS.SOMYA APRAJITA / 31 Yrs / F / 155 Cms / 83 Kg / HR : 146

Recovery(1:00)



Date: 30-Nov-2022 11:44:55 AM METS: 1.2/ 146 bpm 77% of THR BP: 115/75 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 06:16 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

Aarogyam Diagnostics

1625 / MRS.SOMYA APRAJITA / 31 Yrs / F / 155 Cms / 83 Kg / HR : 128

Recovery(2:00)



Date: 30-Nov-2022 11:44:55 AM METS: 1.0/ 128 bpm 67% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 06:16 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

Aarogyam Diagnostics

1625 / MRS.SOMYA APRAJITA / 31 Yrs / F / 155 Cms / 83 Kg / HR : 120

Recovery(3:02)



Date: 30-Nov-2022 11:44:55 AM METS: 1.0/ 120 bpm 63% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Notch On/ HF 0.05 Hz/LF 100 Hz

ExTime: 06:16 1.1 mph, 0.0%



(GEM212170906)(R)Kardic by Allengers

Aarogyam Diagnostics

ST Measurements



1625 / MRS.SOMYA APRAJITA / 31 Yrs / F / 155 Cms / 83 Kg / HR : 164

Date: 30-Nov-2022 11:44:55 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	0.4	0.5	0.1	-0.4	0.2	0.3	0.5	1.7	0.9	0.8	0.7	0.6	1.2	1.4	0.2	-1.3	0.5	0.8	-0.2	1.5	0.9	1.3	1.3	1.2	
80 @mS Standing	0.4	0.5	0.1	-0.4	0.2	0.3	0.5	1.7	0.9	0.8	0.7	0.6	1.2	1.4	0.2	-1.3	0.5	0.8	-0.2	1.5	0.9	1.3	1.3	1.2	
HV	0.6	0.7	0.1	-0.7	0.3	0.5	0.6	2.0	1.2	1.1	0.9	0.8	1.3	1.6	0.2	-1.5	0.5	0.9	-0.3	1.7	1.0	1.4	1.4	1.3	
Warm Up	0.3	0.4	0.0	-0.3	0.1	0.3	0.5	1.4	0.9	0.7	0.6	0.5	1.2	1.3	0.1	-1.2	0.4	0.7	-0.2	1.3	0.8	1.1	1.1	1.0	
ExStart	0.0	0.0	0.0	0.1	0.0	0.1	0.6	1.0	0.5	0.3	0.2	0.1	0.9	1.0	0.1	-0.9	0.3	0.6	0.0	1.1	0.7	0.9	0.9	0.8	
Stage 1	0.1	-0.2	-0.3	0.1	0.2	-0.3	0.5	0.8	0.3	0.0	-0.1	-0.1	1.2	1.6	0.4	-1.4	0.3	1.1	0.1	1.5	0.7	1.3	1.1	1.3	
Stage 2	0.1	0.1	-0.3	-0.1	0.3	0.0	0.6	1.7	0.4	0.3	0.0	0.1	1.0	1.9	1.2	-1.4	0.4	1.3	0.3	1.9	1.2	2.1	1.9	1.8	
PeakEx	0.0	-0.2	-0.4	0.1	0.2	-0.2	0.4	1.0	0.5	0.2	0.0	-0.2	1.0	1.7	0.1	-1.4	0.2	1.2	0.1	1.9	1.2	1.8	1.9	1.3	
Recovery	0.5	0.5	0.1	-0.5	0.1	0.3	0.8	2.1	1.2	1.0	0.6	0.5	1.3	2.0	0.5	-1.6	0.3	1.3	1.0	1.9	1.5	2.6	2.5	2.0	
Recovery	0.5	0.5	0.0	-0.5	0.3	0.3	1.3	2.3	1.5	1.2	0.8	0.5	1.4	1.9	0.4	-1.6	0.4	1.2	0.6	2.4	2.1	2.3	2.3	1.7	
Recovery	1.0	1.2	0.2	-1.1	0.3	0.7	1.3	3.9	2.5	2.3	1.7	1.3	1.5	2.1	0.7	-1.8	0.4	1.4	0.4	3.5	2.5	2.8	2.4	2.0	

	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6	
STI(μVs)													
Supine		4.3	4.6	0.5	-4.2	1.9	3.0	4.0	15.0	8.2	7.8	6.2	5.5
Standing		4.3	4.6	0.5	-4.2	1.9	3.0	4.0	15.0	8.2	7.8	6.2	5.5
HV		5.4	6.2	0.5	-5.9	2.9	3.9	5.1	17.3	10.0	9.4	8.2	6.7
Warm Up		4.6	4.7	0.3	-4.6	2.0	3.1	4.4	15.0	8.6	7.8	6.9	5.5
ExStart		1.6	1.3	0.2	-1.3	1.1	1.2	4.9	10.9	5.8	4.4	3.3	2.5
Stage 1		-1.4	-4.2	-2.0	2.8	0.7	-3.5	3.3	1.8	1.0	-1.9	-2.3	-2.6
Stage 2		-1.3	-2.2	-2.5	1.8	0.5	-2.0	3.5	6.9	-0.2	-1.5	-3.7	-2.4
PeakEx		-1.5	-3.9	-3.2	2.7	0.9	-3.2	2.6	2.9	1.2	-1.5	-3.4	-3.3
Recovery		0.8	-0.6	-0.5	-0.1	0.5	-1.0	3.6	9.7	4.8	1.5	-0.9	-0.6
Recovery		1.0	0.6	-0.3	-0.7	1.1	0.2	6.7	10.4	6.0	3.7	1.5	0.6
Recovery		4.9	5.4	0.4	-5.2	2.1	2.9	9.2	22.3	14.7	12.1	8.2	5.3



Patna-20

1625 / MRS.SOMYA APRAJITA / 31 Yrs / Female / 155 Cm / 83 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) (J & PJ)	(%)	(Counts)	(Counts)
00 : 30	79	250	50	38	402	112	843	-635	416	47 II	-51	0.00	0
01 : 00	92	96	52	36	444	129	800	-650	376	-124 V5	-42	0.00	0
01 : 30	110	196	48	37	471	164	770	-586	356	62 III	-71	0.00	0
02 : 00	120	150	90	26	358	157	720	-703	216	-61 III	-85	0.00	0
02 : 30	126	160	88	39	343	182	732	-709	275	46 II	-76	0.00	0
03 : 00	130	152	46	36	325	188	716	-689	283	45 II	-103	0.00	0
03 : 30	136	136	60	34	318	198	694	-681	338	-72 II	-64	0.00	0
04 : 00	138	138	52	45	330	225	702	-570	339	-31 II	-92	0.00	0
04 : 30	145	134	48	42	326	187	684	-516	311	-59 II	-116	0.00	0
05 : 00	149	122	74	41	345	166	669	-613	363	-133 III	-119	0.00	0
05 : 30	152	122	74	49	345	183	676	-572	412	-129 II	-121	0.00	0
06 : 00	158	104	82	44	356	183	671	-550	308	-112 III	-94	0.00	0
06 : 30	161	112	64	47	335	198	691	-584	366	-102 III	-92	0.00	0
07 : 00	168	108	66	51	328	205	704	-542	411	-193 II	-108	0.00	0
07 : 30	153	118	50	51	312	186	712	-478	499	41 III	-72	0.00	0
08 : 00	145	124	48	40	314	188	722	-559	609	-6 II	-55	0.00	0
08 : 30	135	136	52	39	438	171	793	-559	658	-41 II	-25	0.00	0
09 : 00	128	102	62	37	451	170	817	-742	670	-138 V6	-26	0.00	0
09 : 30	123	150	52	39	451	161	823	-756	611	56 II	-37	0.00	0
10 : 00	120	160	48	35	459	170	854	-757	589	92 III	-26	0.00	0



Name :- Somya Aprajita
Refd by :- Self

Age/Sex:- 31Yrs/F
Date :- 30/11/22

Thanks for referral.

REPORT OF USG OF WHOLE ABDOMEN

- Liver** :- Enlarged in size (15.3cm) 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** :- Enlarged in size (13.2cm) 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 11.8cm and Left Kidney measures 11.9cm.
- Ureters** :- Ureters are not dilated.
- U. Bladder** :- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Uterus** :- Normal in size (7.0cm x 3.3cm) and anteverted in position with normal myometrial echotexture and endometrial thickness.
- Ovaries** :- Both ovaries show normal echotexture and follicular pattern. Right ovary measures 29mm x 21mm and Left ovary measures 23mm x 17mm.
No pelvic (POD) collection is seen.
- Others** :- No ascites or abdominal adenopathy is seen.
No free subphrenic / basal pleural space collection is seen.

IMPRESSION:- *Hepatosplenomegaly with Grade I Fatty Liver.
Otherwise Normal Scan.*

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



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	30/11/2022	Srl No.	9	Patient Id	2211300009
Name	Ms. SOMYA APRAJITA	Age	31 Yrs.	Sex	F
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
BOB			
HB A1C	5.3	%	

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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Date	30/11/2022	Srl No. 9	Patient Id 2211300009
Name	Ms. SOMYA APRAJITA	Age 31 Yrs.	Sex F
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	12.4	gm/dl	11.5 - 16.5
TOTAL LEUCOCYTE COUNT (TLC)	7,600	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	59	%	40 - 75
LYMPHOCYTE	35	%	20 - 45
EOSINOPHIL	01	%	01 - 06
MONOCYTE	05	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN' s METHOD)	16	mm/1st hr.	0 - 20
R B C COUNT	4.01	Millions/cmm	3.8 - 4.8
P.C.V / HAEMATOCRIT	32.6	%	35 - 45
M C V	81.3	fl.	80 - 100
M C H	30.92	Picogram	27.0 - 31.0
M C H C	38	gm/dl	33 - 37
PLATELET COUNT	1.59	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"B"		
RH TYPING	POSITIVE		
BLOOD SUGAR FASTING	87.0	mg/dl	70 - 110
SERUM CREATININE	0.84	mg%	0.5 - 1.3
BLOOD UREA	22.5	mg /dl	15.0 - 45.0
SERUM URIC ACID	5.1	mg%	2.5 - 6.0
<u>LIVER FUNCTION TEST (LFT)</u>			



ISO 9001 : 2015

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Date	30/11/2022	Srl No. 9	Patient Id 2211300009
Name	Ms. SOMYA APRAJITA	Age 31 Yrs.	Sex F
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.67	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.25	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.42	mg/dl	0.00 - 0.70
TOTAL PROTEIN	6.1	gm/dl	6.6 - 8.3
ALBUMIN	3.7	gm/dl	3.4 - 5.2
GLOBULIN	2.4	gm/dl	2.3 - 3.5
A/G RATIO	1.542		
SGOT	32.6	IU/L	5 - 35
SGPT	38.5	IU/L	5.0 - 45.0
ALKALINE PHOSPHATASE IFCC Method	90.1	U/L	35.0 - 104.0
GAMMA GT	23.8	IU/L	6.0 - 42.0

LFT INTERPRET**LIPID PROFILE**

TRIGLYCERIDES	190.6	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	197.9	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	59.6	mg/dL	35.1 - 88.0
V L D L	38.12	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	100.18	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.32		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	1.681		0.00 - 3.55
THYROID PROFILE			
T3	1.20	ng/ml	0.60 - 1.81



ISO 9001 : 2015

AAROGYAM DIAGNOSTICS

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

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Date	30/11/2022	Srl No. 9	Patient Id 2211300009
Name	Ms. SOMYA APRAJITA	Age 31 Yrs.	Sex F
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
T4 Chemiluminescence	7.84	ug/dl	4.5 - 10.9
TSH Chemiluminescence	6.899	uIU/ml	
REFERENCE RANGE			
<u>PAEDIATRIC AGE GROUP</u>			
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	
<u>ADULTS</u>	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.

QUANTITY	15	ml.
COLOUR	PALE YELLOW	
TRANSPARENCY	CLEAR	
SPECIFIC GRAVITY	1.025	
PH	6.5	
ALBUMIN	NIL	
SUGAR	NIL	



Date	30/11/2022	Srl No.	9	Patient Id	2211300009
Name	Ms. SOMYA APRAJITA	Age	31 Yrs.	Sex	F
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
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MICROSCOPIC EXAMINATION

PUS CELLS	2-3	/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.
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 ****

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CONSULTANT PATHOLOGIST