

(12) Deekz

 **भारत सरकार**
Government of India

 **श्रीमती**
Sandhya Kumari
DOB: 01/01/1990
SEX: FEMALE

8470 7095 4064 

मेरा आधार, मेरी पहचान

ID: 300

SANDHYA KUMARI

Female 33Years

20.02.2024

HR : 81 bpm

P : 96 ms

PR : 138 ms

QRS : 80 ms

QT/QTc : 378/440 ms

P-RS/T : 56/5/36 °

RV5/SV1 : 1.126/1.082 mV

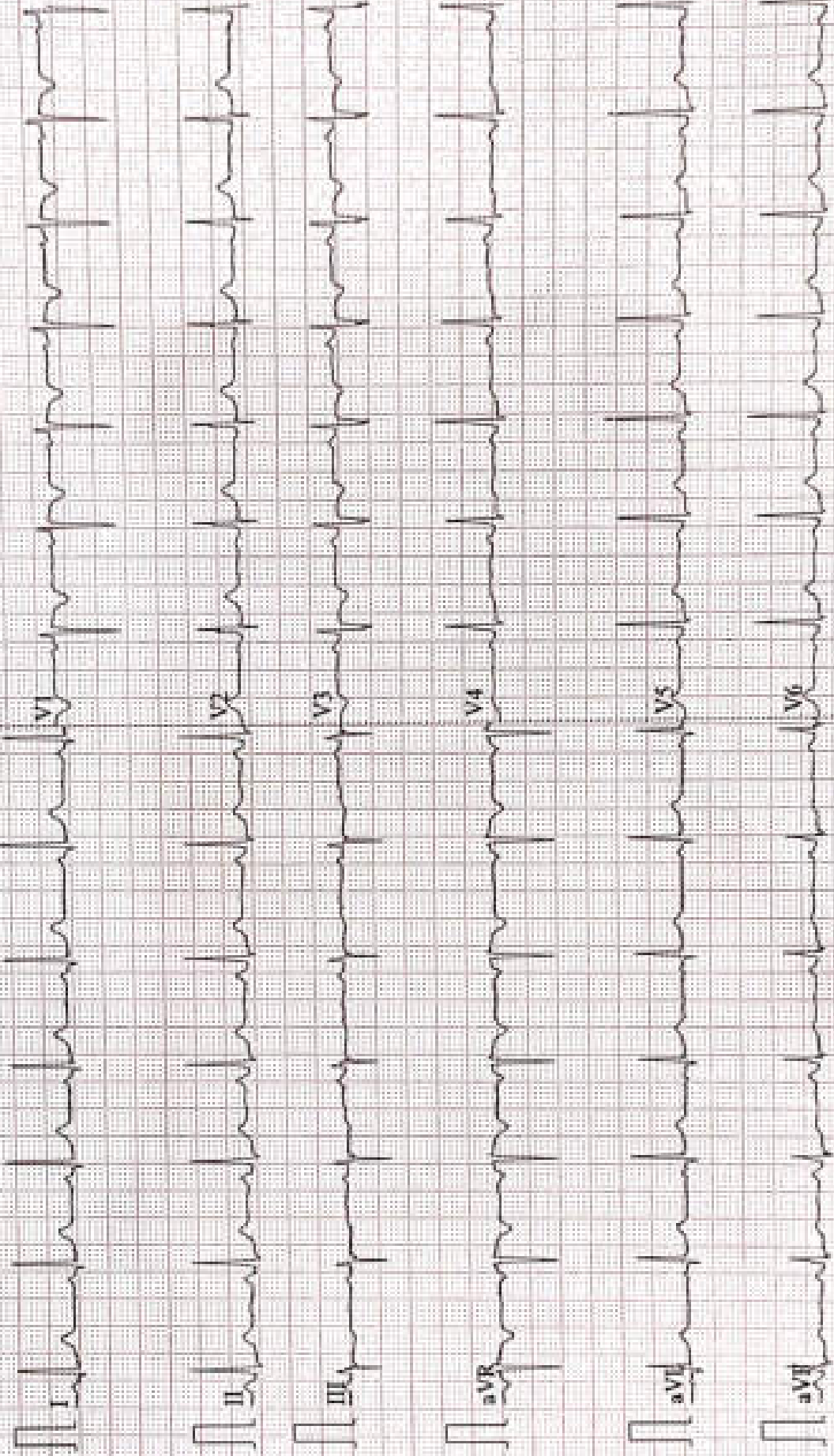
Diagnostic Information:

Sinus Arrhythmia

T wave Abnormality (V3,V4)

Ref-Phys. :

Report Confirmed by:





Name :- Sandhya Kumari
Refd by :- BoB

Age/Sex:- 34 Yrs/F
Date :-26/02/2024

Thanks for referral.

REPORT OF USG OF WHOLE ABDOMEN

- Liver** :- Normal in size(12.3cm) 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** :- Contracted G.B contains multiple calculi (One of them of measuring size 11.6mm) with posterior acoustic shadow seen within lumen. wall thickness appears mild thick 3.6mm and echogenic.
- 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 (10.5cm) 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 10.1cm and Left Kidney measures 11.0cm.
- Ureters** :- Ureters are normal.
- U. Bladder**:- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Uterus** :- Enlarged in size (9.3cm x 4.4cm) and anteverted in position with normal myometrium echoes are normal and endometrial thickness - 6.5mm.
Mildly thickened cervical endometrium with minimal collection seen in it-
Early Cervicitis.
- Ovaries** :- Left ovary show normal echotexture and follicular pattern. Left ovary measures 2.7cm x 1.8cm.
Right ovary - A complex cyst of measuring size 4.0cm x 3.1cm seen in it.
No pelvic (POD) collection is seen.
- Others** :- No ascites or abdominal adenopathy is seen.
No free subphrenic / basal pleural space collection is seen.

IMPRESSION:- *Calculus Cholecystitis.
AV Bulky Uterus with Early Cervicitis.
Right Ovarian Complex Cyst.
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.)

F- 4L- PC- Colony, Opp. Madhuban Complex,
Near Malahi Palani Chowk, Kankarbagh, Patna - 20
9264278360, 9065875700, 8789391401
info@aarogyamdiagnostics.com
www.aarogyamdiagnostics.com

Date	26/02/2024	Sri No.	13	Patient id	2402260013
Name	Mrs. SANDHYA KUMARI	Age	33 Yrs.	Sex	F
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
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BOB

HB A1C	5.0	%	
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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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Name	Mrs. SANDHYA KUMARI	Age	33 Yrs.	Sex	F
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	11.2	gm/dl	11.5 - 16.5
TOTAL LEUCOCYTE COUNT (TLC)	6,000	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	62	%	40 - 75
LYMPHOCYTE	33	%	20 - 45
EOSINOPHIL	02	%	01 - 06
MONOCYTE	03	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN' s METHOD)	16	mm/1st hr.	0 - 20
R B C COUNT	3.73	Millions/cmm	3.8 - 4.8
P.C.V / HAEMATOCRIT	33.6	%	35 - 45
M C V	90.08	fl.	80 - 100
M C H	30.03	Picogram	27.0 - 31.0
M C H C	33.3	gm/dl	33 - 37
PLATELET COUNT	1.86	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"B"		
RH TYPING	POSITIVE		
BLOOD SUGAR FASTING	71.8	mg/dl	70 - 110
SERUM CREATININE	0.66	mg%	0.5 - 1.3
BLOOD UREA	17.5	mg /dl	15.0 - 45.0
SERUM URIC ACID	3.2	mg%	2.5 - 6.0
<u>LIVER FUNCTION TEST (LFT)</u>			



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Name	Mrs. SANDHYA KUMARI	Age	33 Yrs.	Sex	F
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.63	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.21	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D. Bilirubin)	0.42	mg/dl	0.00 - 0.70
TOTAL PROTEIN	6.6	gm/dl	6.6 - 8.3
ALBUMIN	4.1	gm/dl	3.4 - 5.2
GLOBULIN	2.5	gm/dl	2.3 - 3.5
A/G RATIO	1.64		
SGOT	23.2	IU/L	5 - 35
SGPT	27.7	IU/L	5.0 - 45.0
ALKALINE PHOSPHATASE IFCC Method	97.1	U/L	35.0 - 104.0
GAMMA GT	22.6	IU/L	6.0 - 42.0

LFT INTERPRET

LIPID PROFILE

TRIGLYCERIDES	54.6	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	150.4	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	43.2	mg/dL	35.1 - 88.0
V L D L	10.92	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	96.28	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.481		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	2.229		0.00 - 3.55

THYROID PROFILE

QUANTITY	10	ml.	
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Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
COLOUR	PALE YELLOW		
TRANSPARENCY	CLEAR		
SPECIFIC GRAVITY	1.030		
PH	5.5		
ALBUMIN	NIL		
SUGAR	NIL		

MICROSCOPIC EXAMINATION

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 luminescence 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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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 ****

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Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
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BIOCHEMISTRY

BLOOD SUGAR PP	103.1	mg/dl	80 - 160
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**** End Of Report ****

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AAROGYAM DIAGNOSTICS

PATNA

Report



GEM212110904/00/Kardi by Allergers

2517 / MRS.SANDHYA KUMARI / 33 Yrs / F / 157 Cms / 57 Kg Date: 26-Feb-2024 Technician : RESHMA ALI

Stage	Time	Duration	Self Speed (mph)	Elevation	METs	Rate	% TMB Achieved	BP	SPP	PVC	Comments
Supine	00:11	0:01	00.0	00.0	01.0	97	52 %	100/70	097	00	
Standing	00:21	0:01	00.0	00.0	01.0	91	49 %	100/70	091	00	
HV	00:31	0:01	00.0	00.0	01.0	091	49 %	100/70	091	00	
Warm Up	00:45	0:01	01.0	00.0	01.0	096	51 %	100/70	096	00	
ExStart	00:56	0:06	01.7	10.0	01.1	116	62 %	100/70	116	00	
BRUCE/ Stage 1	03:56	3:00	01.7	10.0	04.7	146	78 %	105/75	153	00	
BRUCE/ Stage 2	06:56	3:00	02.5	12.0	07.1	160	86 %	110/80	176	00	
PeakEx	09:55	3:00	03.4	14.0	10.2	177	95 %	115/85	203	00	
Recovery	10:54	1:00	01.1	00.0	01.2	162	87 %	110/80	178	00	
Recovery	11:54	2:00	01.1	00.0	01.0	146	78 %	105/75	153	00	
Recovery	13:10	3:15	01.1	00.0	01.0	130	70 %	100/70	130	00	

Findings :

Exercise Time : 09:00
Max HR Attained : 188 bpm 101% of Target 187
Max BP Attained : (Sys) 115/85
Max WorkLoad Attained : 10.2 Good response to induced stress.
Max ST Dep Lead & Value : V2 & -1.4 mm in Stage 1 mm
Test End Reasons : Test Complete

Report :

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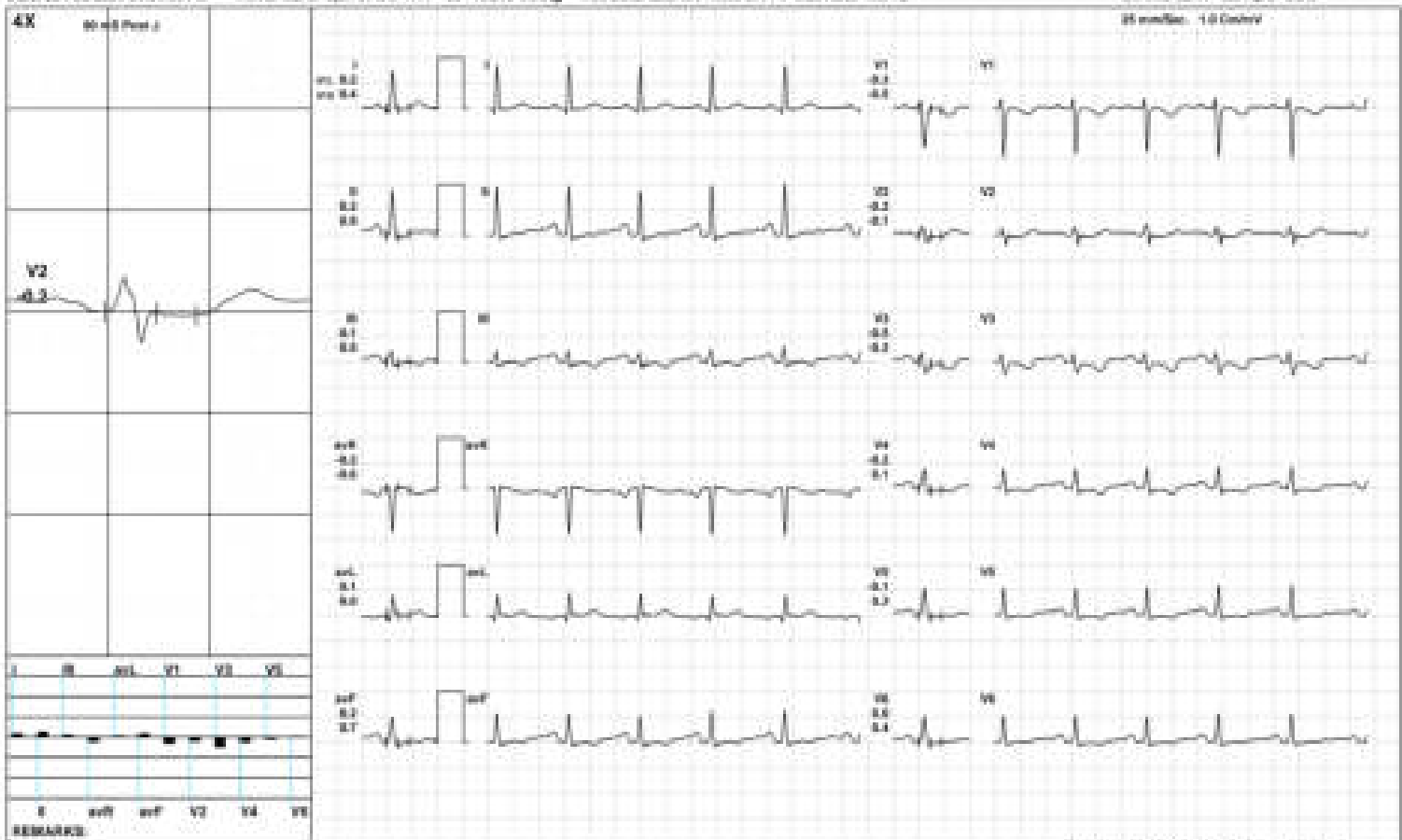
Supine



2517 / MRS. SANDHYA KUMARI / 33 Yrs / F / 157 Cms / 57 Kg / HR - 97

Date: 26-Feb-2024 01:34:00 PM Wt: 5.9287 SpO2: 97% at THL BP: 100/70 mmHg Res: 500 B/C Div: Nasal Div: HF CDS HALF 100 Hz

ExTime: 00:01 0.0 High 0.0% 25 mm/Sec 1.0 Calibrated



(020821217000048)Handic by Allergens

AAROGYAM DIAGNOSTICS

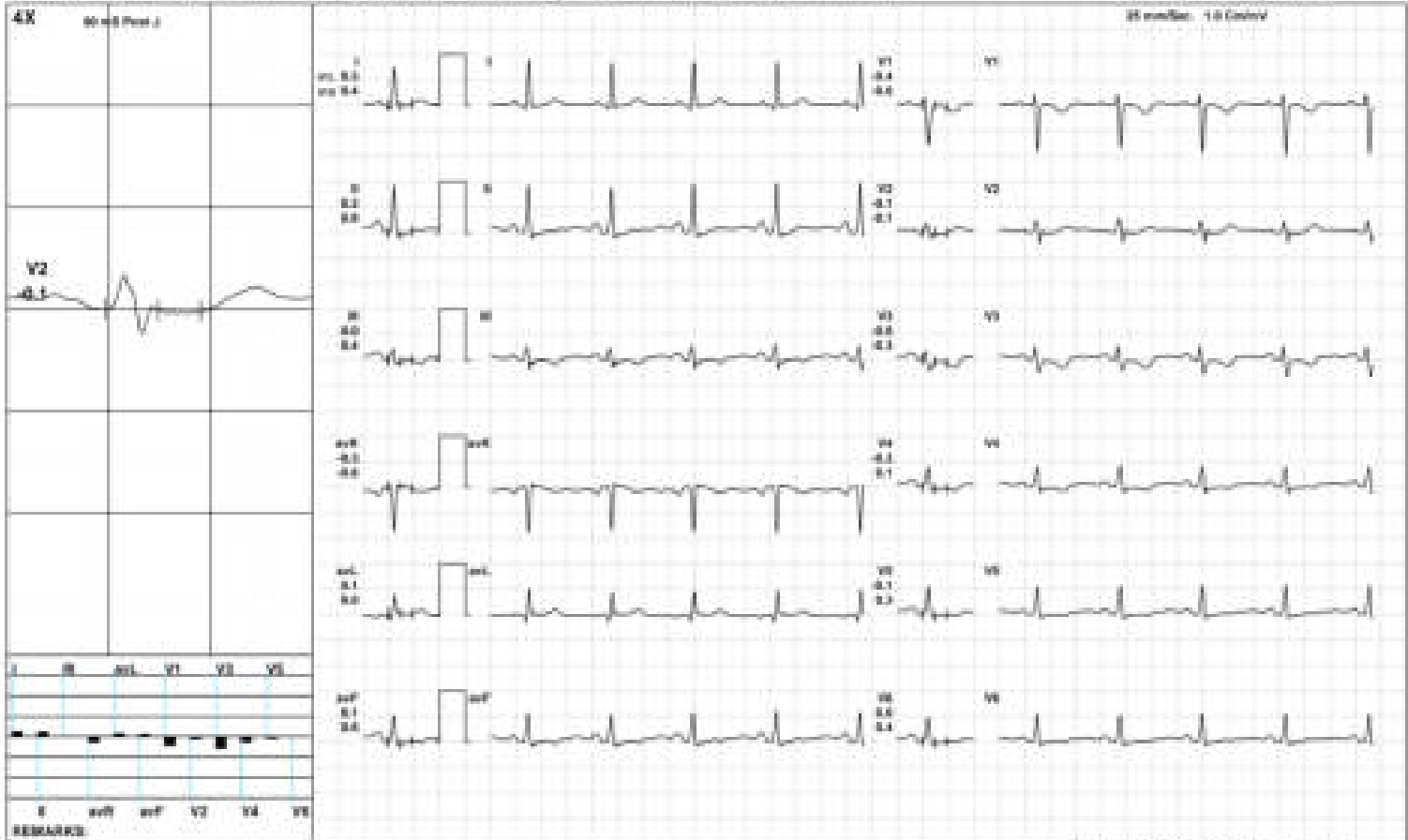
Standing



2517 / MRS. SANDHYA KUMARI / 33 Yrs / F / 157 Cms / 57 Kg / HR - 91

Date: 26-Feb-2024 01:34:36 PM LEads: I,II,III, aVR, aVL, aVF, V1, V2, V3, V4, V5, V6, V7, V8, V9 Rate: 90.00 PR: 160ms QRS: 84ms QT: 340ms QTc: 40ms HR: 91bpm

ECG Time: 00:21 9.0 mV, 0.05s



(02/2121700048)Handic by Allergens

AAROGYAM DIAGNOSTICS

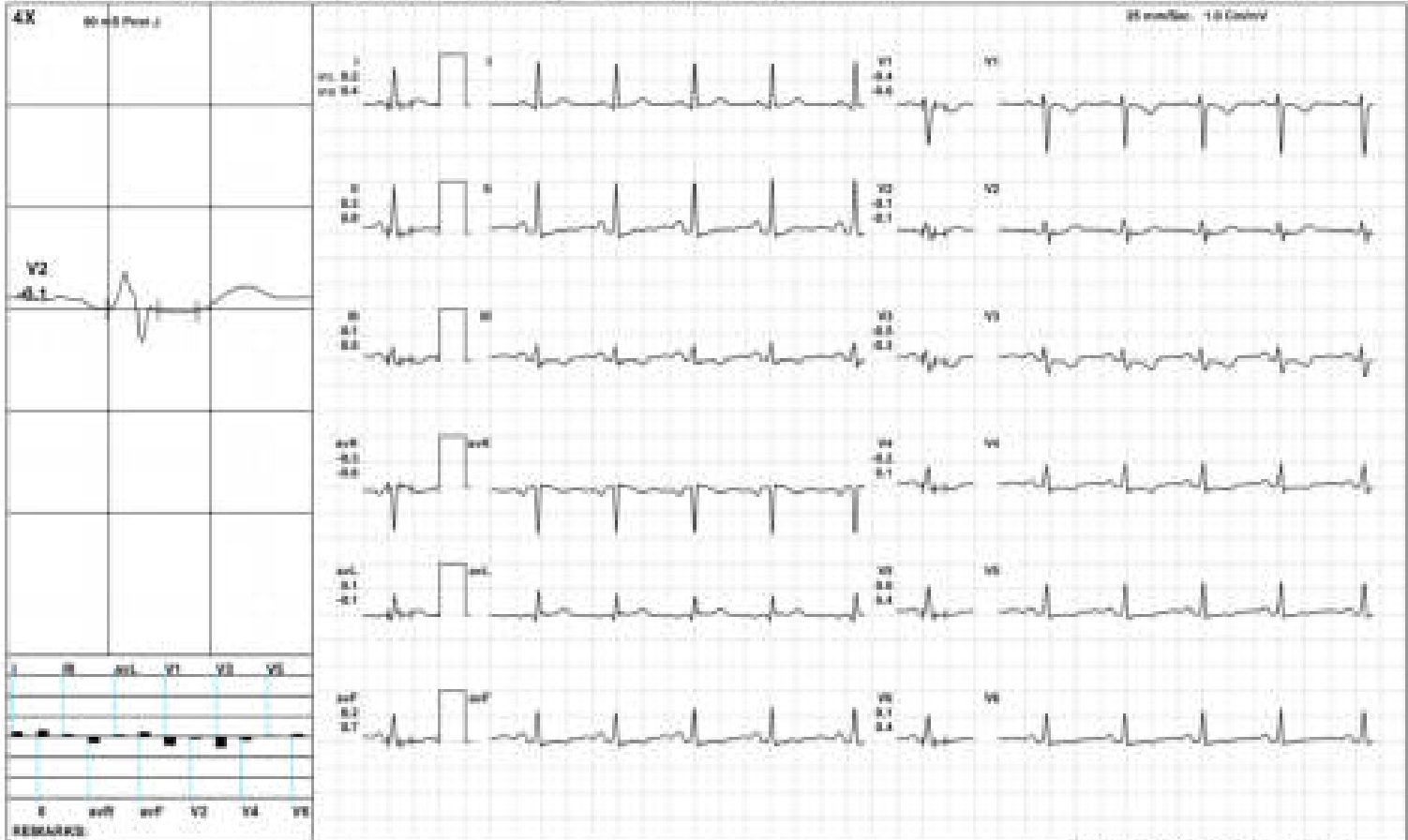
HV



2517 / MRS. SANDHYA KUMARI / 33 Yrs / F / 157 Cms / 57 Kg / HR - 91

Date: 26-Feb-2024 01:34:00 PM Wt: 5.2891 Spec: 48% of T4H SF: 18075 mmHg Res: 500 B/C Qrs: 488ms Qrs: 488ms HR: 91

Printed: 02:31 02/26/24 0.0%



(02/26/24 01:34:00) Handic by Allergens

AAROGYAM DIAGNOSTICS

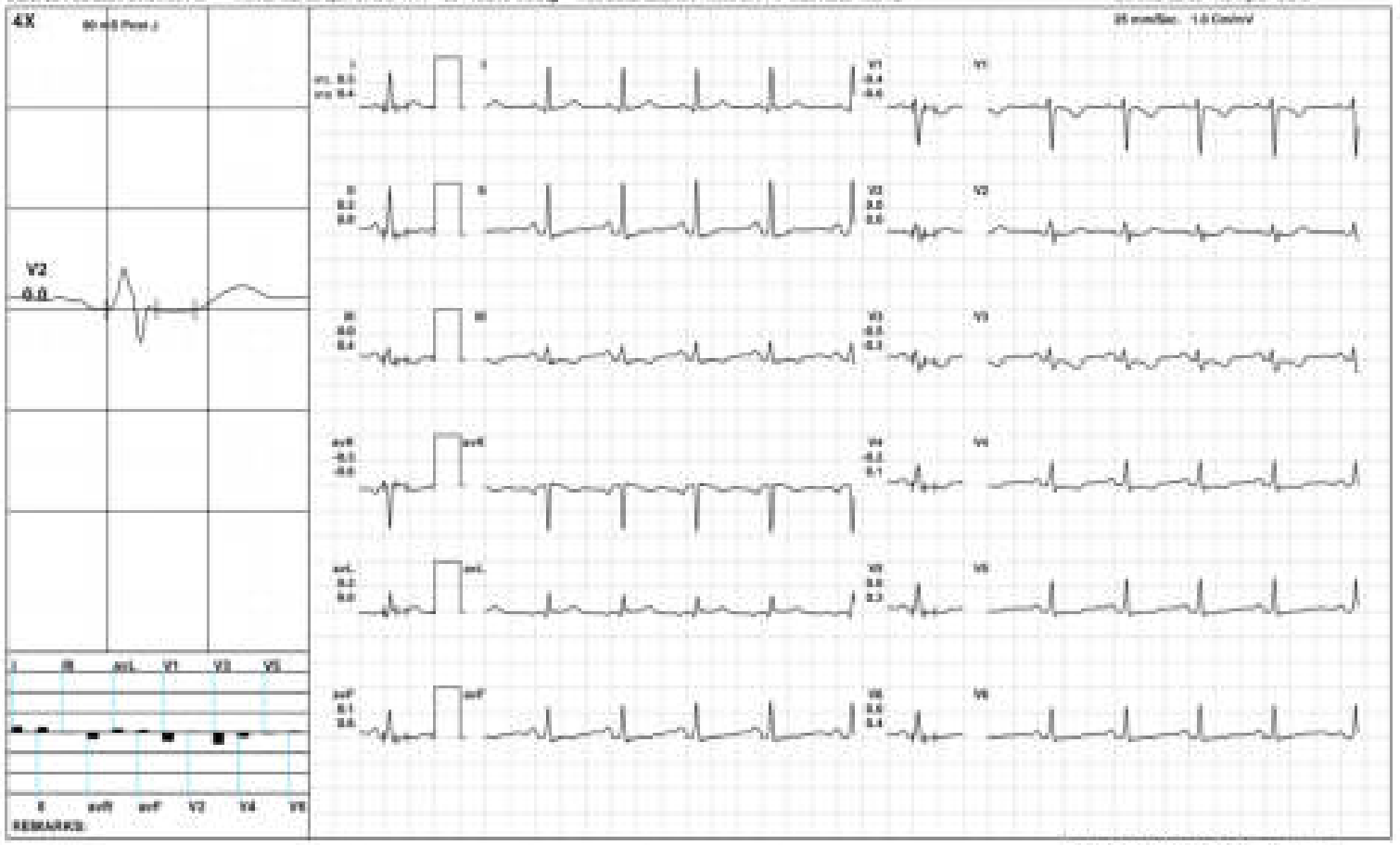
Warm Up



2517 / MRS. SANDHYA KUMARI / 33 Yrs / F / 157 Cms / 57 Kg / HR - 98

Date: 26-Feb-2024 01:34:06 PM Wt: 5.02 kg SpO2: 97% at THL BP: 100/70 mmHg Res: 8.00 L/min O2 Sat: 95% HR: 98 PULS: 100 Hz

ECG: 02-26 1.0 min, 0.0%
25 mm/sec, 1.0 mV/div



(02/26/24 01:34:06) Handic by Allergens

AAROGYAM DIAGNOSTICS

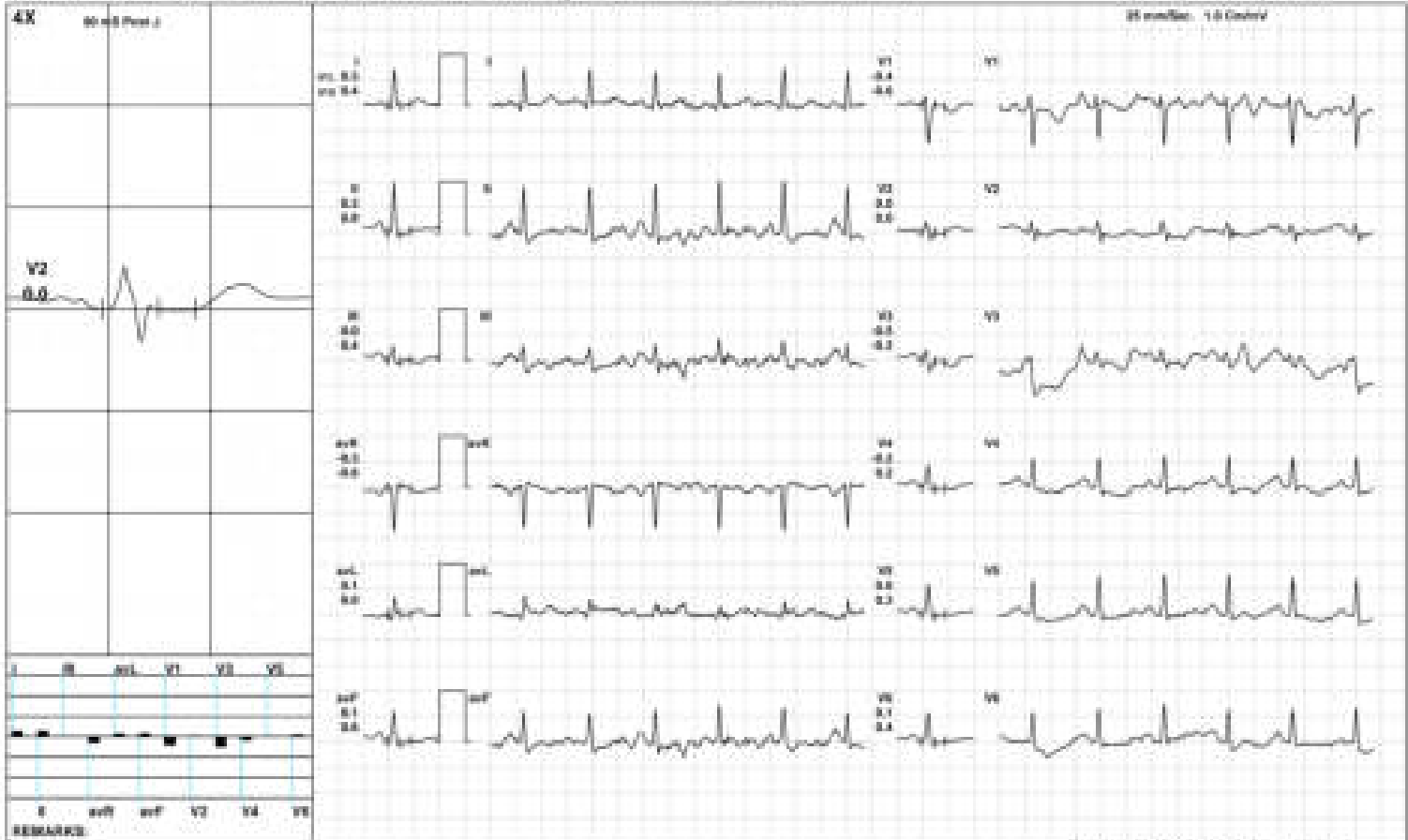
ExStart



2517 / MRS. SANDHYA KUMARI / 33 Yrs / F / 157 Cms / 57 Kg / HR : 116

Date: 26-Feb-2024 01:34:00 PM LEads: 12 (16 leads @2% of T145) BP: 106/70 mmHg Rate: 103/ B/C Chr: Normal Chr: HF PR: 0.16 Pp/LP: 100/14

ExTime: 00:05 1.7 pages 18.0%
25 mm/Sec 1.0 Cal/cmV



(02/26/24 01:34:00) Hardc by Allergens

AAROGYAM DIAGNOSTICS

BRUCE/Stage 1(3:00)



2517 / MRS. SANDHYA KUMARI / 33 Yrs / F / 157 Cms / 57 Kg / HR - 146

Date: 26-Feb-2024 01:34:36 PM LEADS: 4 (I, II, aVL, aVR, V1, V2, V3, V4, V5, V6) PR: 126/78 mmHg Rate: 103/58 B.C. Div: Normal Div: HF 0.05 Hz/SP 120 Hz

ExTime: 03:00 1.7 mph 18.0%



(02/26/24 17:00:00) Hardc by Allengers

AAROGYAM DIAGNOSTICS

BRUCE/Stage 2(3:00)



2517 / MRS. SANDHYA KUMARI / 33 Yrs / F / 157 Cms / 57 Kg / HR - 160

Date: 26-Feb-2024 01:34:36 PM SPTS: 7.17 160 bpm 85% of THR BP: 118/80 mmHg Rate ECG/SLC Div: 25mm/Sec Div: HF 0.25 Hz/VP 100 Hz

ExTime: 08:00 2.8 min 12.0%



(02/26/24 01:34:36) Hardc by Allergens

AAROGYAM DIAGNOSTICS

Recovery(1:00)



2517 / MRS.SANDHYA KUMARI / 33 Yrs / F / 157 Cms / 57 Kg / HR - 162

Date: 26-Feb-2024 01:34:36 PM LEads: I,II,III,aVR,aVL,aVF,V1,V2,V3,V4,V5,V6 Rate:162bpm Rate ECG/SLC:0.05 Der:None Der:HF:0.05 Der:LP:0.05 Hz

ECGTime: 05:00 1.1 sign. 0.0%
PR interval: 1.0 Control



(02082121700068)Handic by Allergens

AAROGYAM DIAGNOSTICS

Recovery(2:00)



2517 / MRS.SANDHYA KUMARI / 33 Yrs / F / 157 Cms / 57 Kg / HR - 146

Date: 26-Feb-2024 01:34:36 PM LEads: 12 Lead ECG with T and ST-T. BP: 126/75 mmHg. Rate: 146 B.C. Del. Noun. Del. HF 0.05 Hz. P: 120 Hz

ExTime: 05:00 1.1 sign. 0.0%
25 mm/Sec 1.0 Control



(02082121700068)Handic by Allergens

AAROGYAM DIAGNOSTICS

Recovery(3:15)



2517 / MRS. SANDHYA KUMARI / 33 Yrs / F / 157 Cms / 57 Kg / HR : 130

Date: 26-Feb-2024 01:34:36 PM | LEads: 12 | 130 bpm (99% of Time) | SP: 100/70 mmHg | Rate: P32 | PL: C | Qrs: Normal | Qrs: NP | 0.05 Hz | P: 130 Hz

ExTime: 05:00 | 1.1 mV | 0.05s



(02/21/24 17:00:00) Hardc by Allergens

AAROGYAM DIAGNOSTICS

ST Measurements



2517 / MRS.SANDHYA KUMARI / 33 Yrs / F / 157 Cms / 57 Kg / HR - 100

Date: 26-Feb-2024 01:34:00 PM

Protocol: (RLLCB)

	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(mv)Supine	0.2	0.2	0.1	-0.2	0.1	0.2	-0.3	-0.2	-0.5	-0.2	-0.1	0.0	0.4	0.9	0.5	-0.6	0.0	0.7	-0.5	-0.1	-0.2	0.1	0.3	0.4	STs(mv/Sec)
60 bpm Standing	0.2	0.2	0.1	-0.2	0.1	0.2	-0.3	-0.2	-0.5	-0.2	-0.1	0.0	0.4	0.9	0.5	-0.6	0.0	0.7	-0.5	-0.1	-0.2	0.1	0.3	0.4	
HV	0.3	0.2	0.0	-0.3	0.1	0.1	-0.4	-0.1	-0.6	-0.3	-0.1	0.0	0.4	0.8	0.4	-0.6	0.0	0.6	-0.6	-0.1	-0.3	0.1	0.3	0.4	
Warm Up	0.3	0.2	0.0	-0.3	0.2	0.1	-0.4	0.0	-0.5	-0.2	0.0	0.0	0.4	0.8	0.4	-0.6	0.0	0.6	-0.6	0.0	-0.3	0.1	0.3	0.4	
ExStart	0.3	0.3	0.0	-0.3	0.1	0.1	-0.4	0.0	-0.5	-0.2	0.0	0.1	0.4	0.8	0.4	-0.6	0.0	0.6	-0.6	0.0	-0.2	0.2	0.3	0.4	
Stage 1	-0.3	-0.3	-0.1	0.3	-0.1	-0.2	0.1	-1.4	-0.4	-0.5	-0.6	-0.6	-0.2	0.7	0.8	-0.2	-0.6	0.8	0.6	-0.5	0.6	0.5	0.5	0.4	
Stage 2	-0.1	-0.3	-0.7	0.2	0.0	-0.5	0.3	-0.2	-0.1	-1.2	-0.4	-0.3	0.4	1.2	1.0	-0.8	-0.2	1.1	-0.1	0.5	0.8	0.5	1.2	1.0	
PeakEx	0.7	0.7	0.0	-0.7	0.3	0.4	-1.2	-0.6	-0.9	-0.1	0.3	0.3	0.9	1.9	1.0	-1.4	-0.2	1.5	-0.4	0.4	0.8	1.5	1.3	1.1	
Recovery	0.4	1.3	1.0	-0.8	-0.2	1.1	-0.2	0.6	0.5	0.8	0.8	0.9	1.0	3.1	2.1	-2.0	-0.6	2.5	-0.4	0.9	1.2	2.1	2.2	2.1	
Recovery	0.2	1.0	0.9	-0.6	-0.3	0.9	0.1	0.5	0.5	0.7	0.8	0.7	0.5	2.4	1.8	-1.4	-0.6	2.1	-0.5	0.9	0.9	1.4	1.5	1.6	
Recovery	0.0	0.2	0.2	-0.1	-0.1	0.2	0.2	0.3	0.2	0.3	0.1	0.0	0.4	1.2	0.9	-0.8	-0.2	1.0	0.0	0.4	0.6	0.9	0.8	0.5	

	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STtj(Vs)												
Supine	1.7	1.2	-0.4	-1.5	1.1	0.6	-2.6	-0.7	-4.4	-2.1	-1.1	-0.2
Standing	1.7	1.2	-0.4	-1.5	1.1	0.5	-2.6	-0.7	-4.4	-2.1	-1.1	-0.2
HV	1.8	0.8	-1.0	-1.3	1.4	-0.1	-2.9	-0.4	-4.4	-2.3	-1.1	-0.5
Warm Up	2.7	1.3	-1.3	-2.0	2.1	0.0	-3.3	1.0	-4.8	-2.1	-0.7	-0.1
ExStart	2.9	1.7	-1.1	-2.3	1.9	0.3	-3.7	1.3	-4.6	-1.7	-0.5	0.2
Stage 1	-0.9	-1.2	-0.7	1.0	-0.1	-0.8	0.1	-4.7	-1.4	-1.9	-2.3	-2.1
Stage 2	-1.2	-4.3	-6.1	2.8	0.2	-4.8	3.0	-2.4	-0.9	-7.1	-3.4	-2.9
PeakEx	2.2	0.3	-2.2	-1.0	1.7	-0.8	-5.5	-5.4	-5.9	-3.2	-0.4	0.0
Recovery	0.0	1.3	1.9	-0.6	-0.5	1.3	0.7	1.2	1.2	0.9	0.0	1.1
Recovery	-0.3	1.8	2.3	-0.7	-1.3	1.9	1.6	0.7	1.6	2.1	1.1	1.2
Recovery	-1.0	-0.5	0.5	0.8	-0.7	0.0	1.6	1.0	1.1	0.3	-0.3	-0.3



PATNAM

2017 / MRS.SANDHYA KUMARI / 52 Yrs / Female / 157 Cm / 57 Kg

Time	HR	PR (b)	QRS (ms)	QRS (ms)	QTc	P (mV)	Q (mV)	R (mV)	T (mV)	Min. J Leads for Min. Post (R) Star	MEB	Missed Beats
(Min)	(Max)	(Min)	(Max)	(Min)	(Max)	(Min)	(Max)	(Min)	(Max)	(Min) (J & R) (mV)	(%)	(Counts)
00:30	73	138	97	97	116	227	1026	-425	-129	-262 V3	-27	0
01:00	78	124	88	88	104	227	893	-793	-248	40 avF	-118	0
01:30	73	134	84	84	105	227	794	-833	-387	-121 V3	-152	0
02:00	74	128	87	88	117	234	768	-790	-198	-154 R	-78	0
02:30	74	120	87	87	119	270	747	-808	-160	-121 III	-69	0
03:00	74	118	87	88	108	298	774	-802	-197	-88 V2	-67	0
03:30	74	127	87	88	156	298	807	-824	-158	-71 V2	-129	0
04:00	78	120	87	88	179	264	803	-799	-147	-188 R	-94	0
04:30	73	122	88	89	102	277	737	-790	-169	-208 III	-154	0
05:00	78	114	88	89	122	301	788	-793	-212	-143 V4	-143	0
05:30	78	104	88	88	172	291	744	-788	-177	-208 V4	-117	0
06:00	78	104	88	88	208	307	786	-798	-173	-209 V4	-120	0
06:30	78	116	88	88	179	279	824	-799	-227	-89 V2	-121	0
07:00	74	104	88	88	111	284	800	-810	-204	-294 III	-142	0
07:30	74	96	88	88	143	280	839	-778	-194	-211 III	-124	0
08:00	72	92	88	88	206	274	784	-777	-215	-238 III	-114	0
08:30	75	92	88	88	173	269	824	-769	-200	-218 III	-140	0
09:00	78	100	88	88	201	275	791	-764	-240	-8 R	-149	0
09:30	78	100	88	88	191	287	820	-783	-189	-233 R	-110	0
10:00	75	92	88	88	178	283	793	-788	-193	-241 R	-77	0
10:30	74	96	88	88	199	344	812	-832	-238	-27 avL	-9	0
11:00	75	112	84	85	189	344	821	-830	-212	-84 V1	-47	0
11:30	74	114	88	88	130	324	824	-888	-300	-23 avL	-33	0
12:00	78	124	88	88	122	345	843	-904	-277	-26 avL	-9	0
12:30	73	124	88	88	129	323	893	-899	-234	-47 avL	-10	0



SPECIALTY LABORATORY LIMITED

MC-2024

Lab Facility : Unipath House, Besides Sahjanand College, Opp. Kamdhenu Complex, Panjarapole, Ambawadi, Ahmedabad-380015 Gujarat
Phone: +91 79 49006000 | WhatsApp: 8358005700 | Email: info@unipath.in | Website: www.unipath.in
Regd. Of ce : 5th Floor, Doctor House, Nr. Parimal Garden, Ahmedabad-380006 Gujarat
CIN: U85195GJ2009PLC057059



40204100435

TEST REPORT

Reg.No	: 40204100435	Reg.Date	: 27-Feb-2024 14:21	Collection	: 27-Feb-2024 14:21
Name	: SANDHYA KUMARI	Received	: 27-Feb-2024 14:21	Report	: 27-Feb-2024 15:46
Age	: 33 Years	Sex	: Female	Dispatch	: 27-Feb-2024 16:08
Referred By	: AARDGYAM DIAGNOSTICS @ PATNA	Status	: Final	Location	: 41 - PATNA
Referral Dr	: □				

Test Name	Results	Units	Bio. Ref. Interval
THYROID FUNCTION TEST			
T3 (triiodothyronine), Total <small>CHEM</small>	1.03	ng/mL	0.70 - 2.04
T4 (Thyroxine), Total <small>CHEM</small>	8.84	µg/dL	5.5 - 11.0
TSH (Thyroid stimulating hormone) <small>CHEM</small>	2.217	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 stimulates the thyroid gland to synthesize and secrete T3 and T4. Quantification of TSH is significant to differentiate primary (thyroid) from secondary (pituitary) and tertiary (hypothalamic) 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.Aschwood,David E.Bruni. 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-34735