

INDIAN DRIVING LICENCE
GOVERNMENT OF BIHAR

DL: BR-0120170449977

Name: SRINAL PANDEY

SWD of: BIMAL KUMAR PANDEY

Address: VILL-SADURA PO-SIKARIA
PSPALLGANJ PATNA

Valid Till (Transport): 30/10/2037

Valid Till (Non-Transport): 30/10/2037

DOB: 30/01/1997 BG E*

Badge No: [Signature]

*Authorization to drive the following vehicle...
class throughout India. Signature of Holder:
Type of Vehicle: LMV/AT/MCWG only

Issued on: 31/10/2017

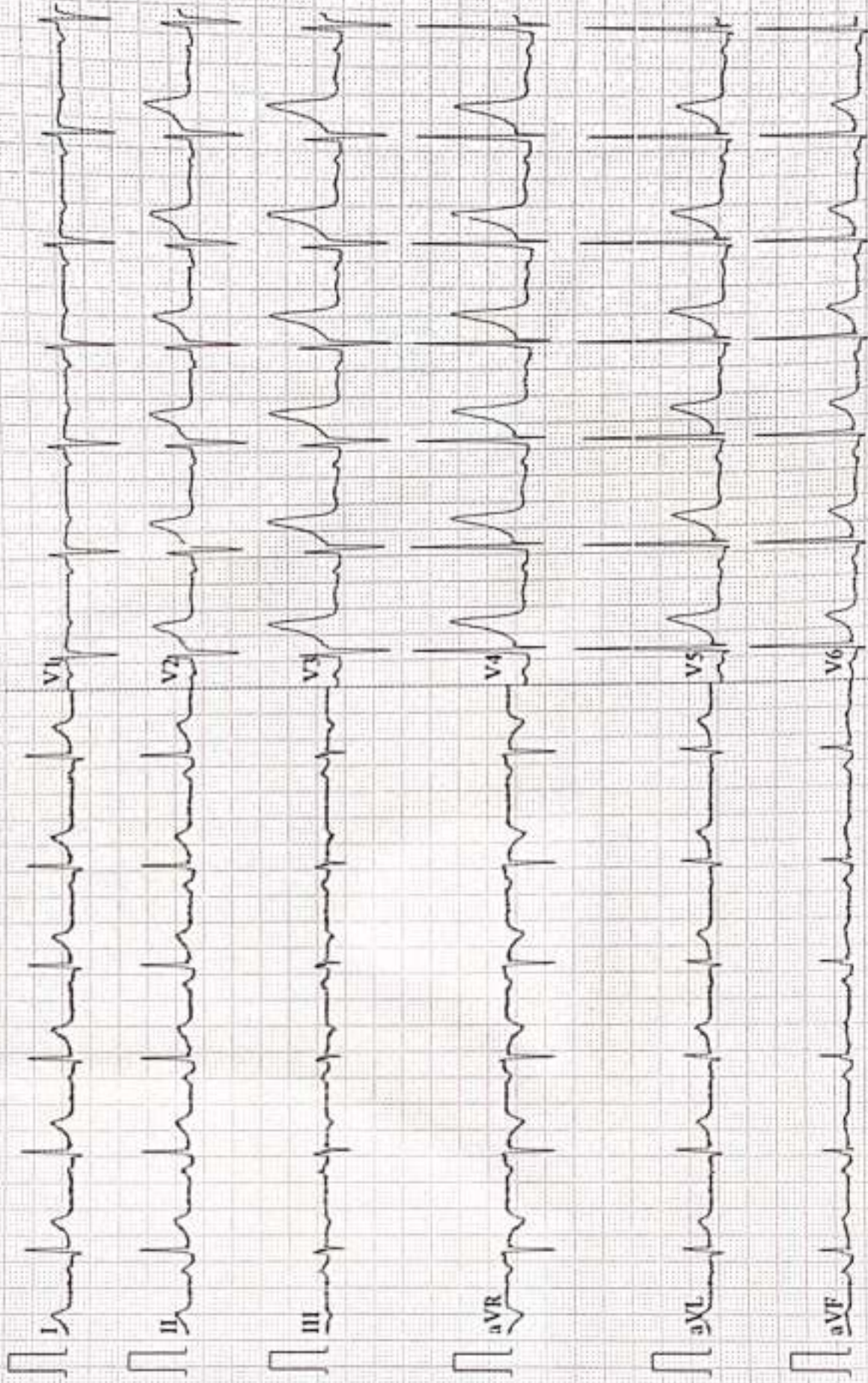


MRINAL PANDEY
Male 27Years

Diagnosis Information:
Sinus Arrhythmia
Largd PtfV1
ST Elevation(V4,V5)

HR : 78 bpm
P : 93 ms
PR : 160 ms
QRS : 80 ms
QT/QTc : 344/393 ms
P:QRST : 69/33/18 °
RV5/SV1 : 2.45/0.937 mV

Ref-Phys. :
Report Confirmed by:



Patient Name	Mrinal Pandey	Date	10-02-2024
Age/Sex	27/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

2478 / MR. MRINAL PANDEY / 27 Yrs / M / 175 Cms / 79 Kg Date: 10-Feb-2024 Technician : ARUN

Report

(GEM212170906)(R)Kardio by Allengers

Stage	Time	Duration	Belt Speed (mph)	Elevation	METs	Rate	% THR Achieved	BP	RPP	PVC	Comments
Supine	00:03	0:01	00.0	00.0	01.0	99	51 %	120/80	118	00	
Standing	00:11	0:01	00.0	00.0	01.0	102	53 %	120/80	122	00	
HV	00:19	0:01	00.0	00.0	01.0	111	58 %	120/80	133	00	
Warm Up	00:27	0:01	01.0	00.0	01.0	109	56 %	120/80	130	00	
ExStart	01:03	0:06	01.7	10.0	01.1	112	58 %	120/80	134	00	
BRUCE/ Stage 1	04:03	3:00	01.7	10.0	04.7	138	72 %	125/85	172	00	
BRUCE/ Stage 2	07:03	3:00	02.5	12.0	07.1	161	83 %	130/90	209	00	
BRUCE/ Stage 3	10:03	3:00	03.4	14.0	10.2	188	97 %	135/95	253	00	
PeakEx	10:59	0:56	04.2	16.0	11.2	197	102 %	135/95	265	00	
Recovery	11:58	1:00	01.1	00.0	04.3	171	89 %	130/90	222	00	
Recovery	12:58	2:00	01.1	00.0	01.0	149	77 %	125/85	186	00	
Recovery	14:19	3:20	01.1	00.0	01.0	136	70 %	120/80	163	00	

Findings :

Exercise Time : 09:57
 Max HR Attained : 197 bpm 102% of Target 193
 Max BP Attained : (Sys) 135/95
 Max WorkLoad Attained : 11.2 Good response to induced stress
 Max ST Dep Lead & Value : V1 & -1.0 mm in ExStart mm
 Test End Reasons : Test Complete

Report :

AAROGYAM DIAGNOSTICS

Supine



2478 / MR. MRINAL PANDEY / 27 Yrs / M / 175 Cms / 79 Kg / HR : 99

Date: 18-Feb-2024 01:09:38 PM METS: 1.0/99 bpm 51% of THR BP: 120/80 mmHg Raw ECG/BLC On/ Noisy On/ HF 0.05 Hz LF 100 Hz

ExTime: 00:03 0.0 r/spl, 0.0%



AAROGYAM DIAGNOSTICS

Standing



2478 / MR. MRINAL PANDEY / 27 Yrs / M / 175 Cms / 79 Kg / HR : 102

Date: 18-Feb-2024 01:09:36 PM METS: 1.0/ 102 bpm 52% of THR BP: 120/80 mmHg Raw ECG/ BLC/ Grv/ Natch/ Grv/ HF 0.05 Hz/ LF 100 Hz

ExTime: 00:11 0.0 mph 0.0%



AAROGYAM DIAGNOSTICS

HV



2478 / MR. MRINAL PANDEY / 27 Yrs / M / 175 Cms / 79 Kg / HR : 111

Date: 18-Feb-2024 01:09:36 PM METS: 1.0/111 bpm 57% of T1-R BP: 120/80 mmHg Row ECG/ BUC Div/ Natch Div/ HF 0.05 Hz/ LF 100 Hz

ExTime: 00:19 0.0 rps, 0.0%



AAROGYAM DIAGNOSTICS

Warm Up



2478 / MR. MRINAL PANDEY / 27 Yrs / M / 175 Cms / 79 Kg / HR : 109

Date: 18-Feb-2024 01:09:36 PM METS: 1.0/ 109 bpm 56% of THR BP: 120/80 mmHg Raw ECG/ BLC/ Grv/ Natch/ Grv/ HF 0.05 Hz/ LF 100 Hz

ExTime: 00:27 1.0 r/s, 0.0%



AAROGYAM DIAGNOSTICS

ExStart



2478 / MR. MRINAL PANDEY / 27 Yrs / M / 175 Cms / 79 Kg / HR : 112

Date: 18-Feb-2024 01:09:36 PM METS: 1.1/112 bpm 58% of THR BP: 120/80 mmHg Rate ECG: BUC Ov Notch Ov HF 0.05 Hz/LF 100 Hz

ExTime: 00:06 1.7 mph, 10.8%



AAROGYAM DIAGNOSTICS

BRUCE/Stage 1(3:00)



2478 / MR. MRINAL PANDEY / 27 Yrs / M / 175 Cms / 79 Kg / HR : 138

Date: 18-Feb-2024 01:09:36 PM METS: 4.7(138 bpm) 11% of THR BP: 125/85 mmHg Raw ECG/ BLC/ Div: Match Div/ HF: 0.05 Hz/ LF: 100 Hz

ExTime: 03:00 1.7 mph, 10.8%



AAROGYAM DIAGNOSTICS

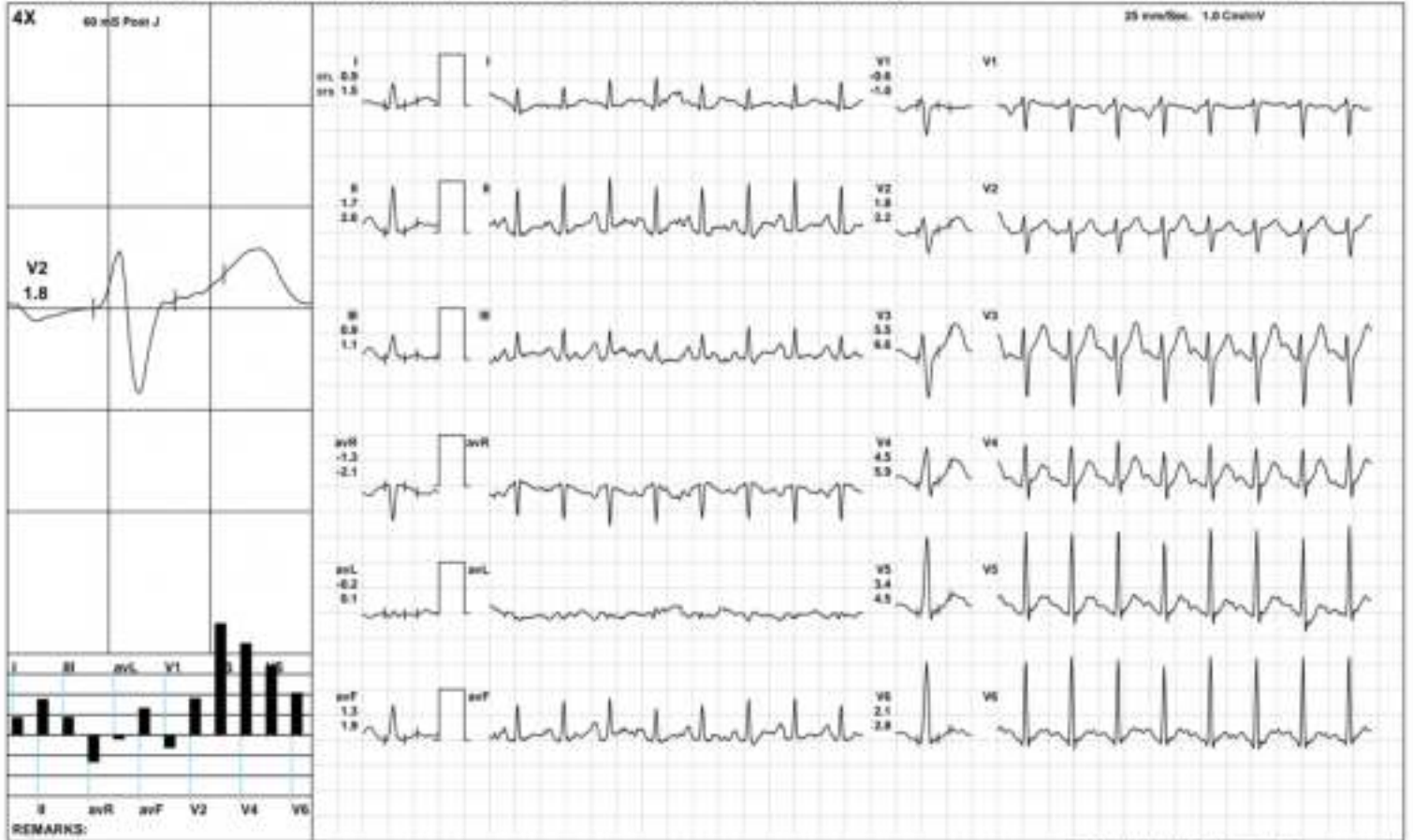
BRUCE/Stage 2(3:00)



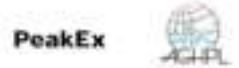
2478 / MR. MRINAL PANDEY / 27 Yrs / M / 175 Cms / 79 Kg / HR : 161

Date: 18-Feb-2024 01:09:36 PM METS: 7.1/ 161 bpm 83% of THR BP: 138/90 mmHg Raw ECG/ BLC/ Div: Match Div/ HF: 0.05 Hz/ LF: 100 Hz

ExTime: 06:00 2.5 mph, 12.8%



AAROGYAM DIAGNOSTICS



2478 / MR. MRINAL PANDEY / 27 Yrs / M / 175 Cms / 79 Kg / HR : 197

Date: 18-Feb-2024 01:09:36 PM METS: 11.2 197 bpm 102% of THR BP: 135/95 mmHg Row ECG/ BLC Div Noach Div HF 0.05 Hz/ LF 100 Hz

ExTime: 09:58 4.2 mph, 16.8%



AAROGYAM DIAGNOSTICS

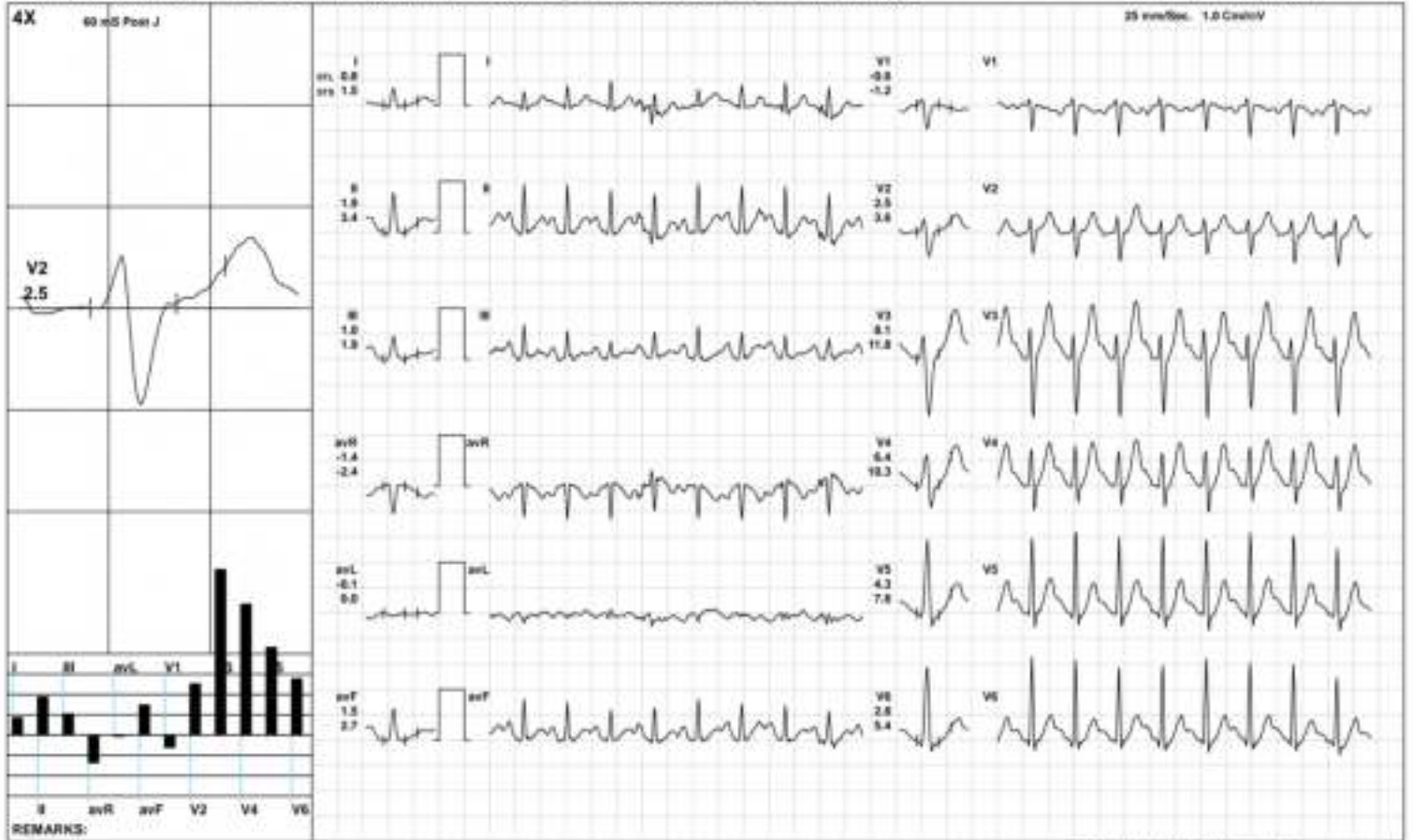
Recovery(1:00)



2478 / MR. MRINAL PANDEY / 27 Yrs / M / 175 Cms / 79 Kg / HR : 171

Date: 18-Feb-2024 01:09:36 PM METS: 4.3/ 171 bpm 88% of THR BP: 138/90 mmHg Raw ECG/ BLC/ Div: Match/ Div: HF 0.05 Hz/ LF 100 Hz

ExTime: 09:57 1.1 mph, 0.0%



AAROGYAM DIAGNOSTICS

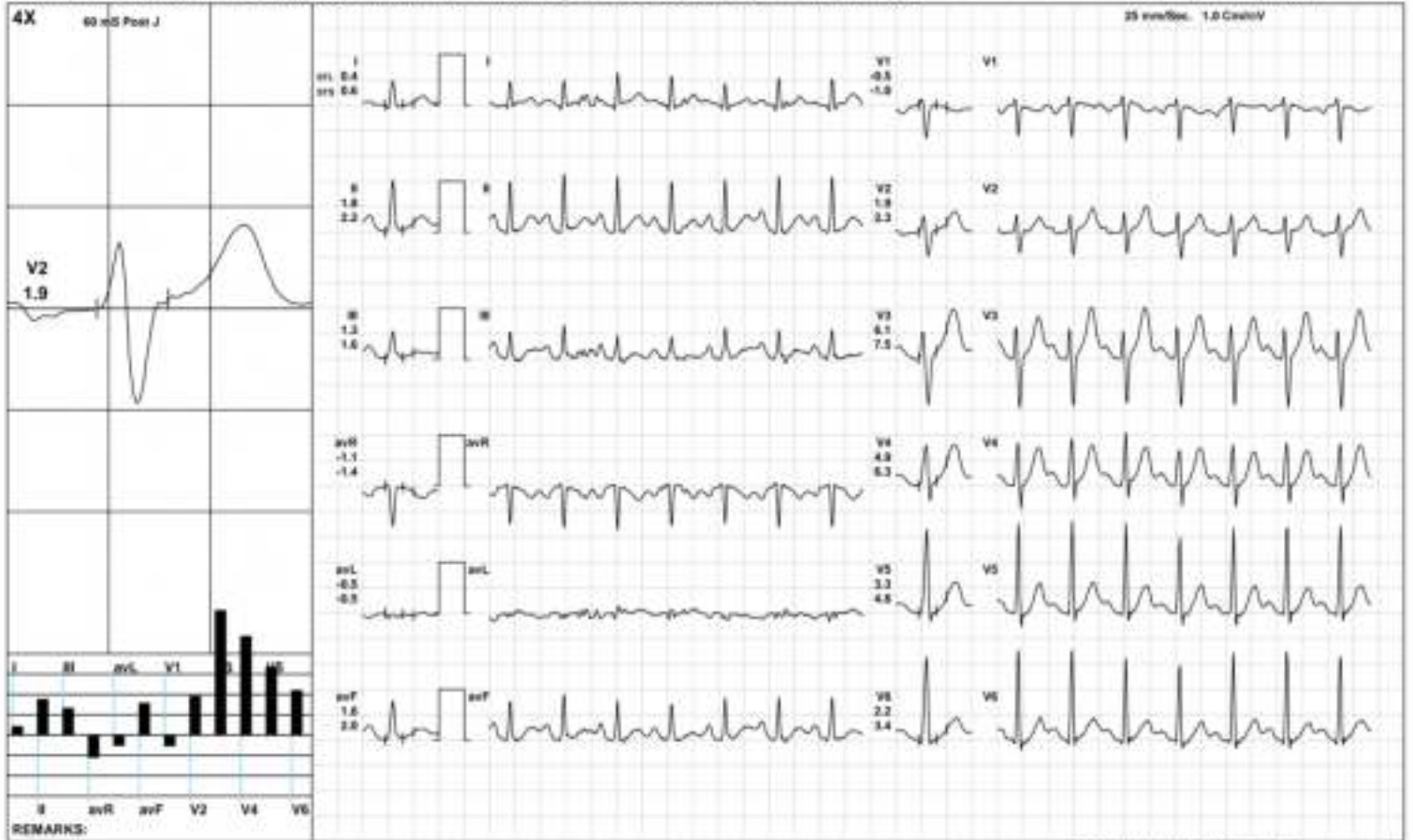
2478 / MR. MRINAL PANDEY / 27 Yrs / M / 175 Cms / 79 Kg / HR : 136

Recovery(3:20)



Date: 18-Feb-2024 01:09:36 PM METS: 1.0/136 bpm 70% of THR BP: 120/80 mmHg Raw ECG/BLC/Drv/Match/Drv/HF 0.05 Hz/LF 100 Hz

ExTime: 09:57 1.1 mph, 0.0%



AAROGYAM DIAGNOSTICS

ST Measurements



2478 / MR. MRINAL PANDEY / 27 Yrs / M / 175 Cms / 79 Kg / HR : 110

Date: 16-Feb-2024 01:09:36 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	2.1	2.8	0.7	-2.5	0.8	1.8	-0.9	4.2	7.8	7.2	6.0	4.3	1.6	2.1	0.5	-1.9	0.6	1.3	-0.8	2.9	5.7	5.2	4.4	3.2	
60 @mS Standing	2.1	2.8	0.7	-2.5	0.8	1.8	-0.9	4.2	7.8	7.2	6.0	4.3	1.6	2.1	0.5	-1.9	0.6	1.3	-0.8	2.9	5.7	5.2	4.4	3.2	
HV	2.1	2.8	0.7	-2.5	0.8	1.8	-0.9	4.2	7.8	7.2	6.0	4.3	1.6	2.1	0.5	-1.9	0.6	1.3	-0.8	2.9	5.7	5.2	4.4	3.2	
Warm Up	2.1	2.7	0.8	-2.4	0.7	1.7	-0.9	4.0	7.0	6.6	5.5	4.0	1.7	2.0	0.4	-1.8	0.7	1.2	-0.8	2.9	5.1	4.8	4.1	3.0	
ExStart	1.5	2.2	0.6	-1.9	0.5	1.4	-1.0	3.0	6.5	6.3	5.4	3.9	1.3	1.8	0.5	-1.6	0.5	1.1	-0.9	2.0	4.8	4.5	3.9	3.0	
Stage 1	1.0	1.7	0.7	-1.3	0.1	1.2	-0.8	2.0	5.1	4.7	3.9	2.8	0.8	1.4	0.6	-1.2	0.1	1.0	-0.9	1.5	4.8	4.3	3.6	2.7	
Stage 2	0.9	1.7	0.9	-1.3	-0.2	1.3	-0.6	1.8	5.5	4.5	3.4	2.1	1.5	2.6	1.1	-2.1	0.1	1.9	-1.0	2.2	6.6	5.9	4.5	2.8	
Stage 3	0.5	0.7	0.4	-0.6	0.0	0.5	-0.1	1.4	4.2	2.4	1.5	1.0	0.5	1.5	1.1	-1.0	-0.3	1.3	-0.6	2.4	7.4	6.2	4.5	3.0	
PeakEx	0.5	0.4	-0.1	-0.4	0.1	0.2	-0.1	0.4	2.6	1.5	0.1	0.3	1.3	1.5	0.3	-1.5	0.4	0.8	-0.2	2.3	6.2	4.6	3.5	2.4	
Recovery	0.8	1.9	1.0	-1.4	-0.1	1.5	-0.6	2.5	8.1	6.4	4.3	2.8	1.5	3.4	1.9	-2.4	0.0	2.7	-1.2	3.6	11.8	10.3	7.8	5.4	
Recovery	0.9	2.2	1.4	-1.6	-0.3	1.7	-0.6	2.6	8.2	6.4	4.5	3.0	1.9	3.6	1.9	-2.7	0.0	2.6	-1.2	3.6	11.1	9.6	7.2	5.1	
Recovery	0.4	1.8	1.3	-1.1	-0.5	1.6	-0.5	1.9	6.1	4.9	3.3	2.2	0.6	2.2	1.6	-1.4	-0.5	2.0	-1.0	2.3	7.5	6.3	4.8	3.4	

		I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STI(μ Vs)	Supine	14.3	19.5	5.2	-16.9	5.1	12.4	-5.8	28.3	52.6	48.9	40.3	29.1
	Standing	14.3	19.5	5.2	-16.9	5.1	12.4	-5.8	28.3	52.6	48.9	40.3	29.1
	HV	14.3	19.5	5.2	-16.9	5.1	12.4	-5.8	28.3	52.6	48.9	40.3	29.1
	Warm Up	13.8	18.1	4.4	-15.9	4.8	11.1	-6.2	27.6	47.4	44.6	37.1	27.0
	ExStart	9.7	13.9	4.1	-11.7	2.7	9.0	-5.7	19.8	41.9	40.1	33.7	24.4
	Stage 1	4.1	7.4	3.3	-5.7	0.1	5.4	-3.1	9.7	23.3	21.2	17.3	12.1
	Stage 2	1.8	5.0	3.2	-3.5	-1.2	4.1	-1.6	5.5	18.7	14.2	10.6	6.5
	Stage 3	1.5	0.8	0.0	-1.1	0.7	0.0	0.4	3.0	7.5	0.5	-1.1	-0.5
	PeakEx	0.4	-1.3	-1.5	0.9	0.9	-0.9	1.5	-0.9	3.1	-1.5	-8.4	-5.1
	Recovery	1.6	4.5	3.0	-3.0	-0.9	3.8	-1.4	5.7	19.9	13.4	7.2	4.0
	Recovery	1.7	5.9	5.2	-3.8	-2.0	5.1	-1.5	8.1	26.3	18.7	12.1	8.1
	Recovery	1.3	6.9	5.2	-4.1	-2.3	6.2	-1.7	6.8	23.2	17.4	10.7	7.1



PATNA

2478 / MR. MRINAL PANDEY / 27 Yrs / Male / 175 Cm / 79 Kg

Time	HR	PR Int	QRS Wid	QRS Axis	QTC	P(µV)	R(µV)	S(µV)	T(µV)	Min. J Leads for	Min. Post #R Var	VEB	Missed Beats		
(Min.)	(Beats)	(mS)	(mS)	(Deg.)	(mS)	(Max)	(Max)	(Min)	(Max)	(µV)	(J & RJ)	(µV)	(%)	(Counts)	(Counts)
00:30	118	172	58	54	441	214	1496	-787	922	-81	V1	-62	0.00	0	0
01:00	114	144	42	55	468	208	1475	-744	921	-73	V1	-72	0.00	0	0
01:30	124	142	40	53	451	213	1446	-757	893	-58	V1	-57	0.00	0	0
02:00	131	134	60	82	461	227	1424	-748	815	-89	V1	-49	0.00	0	0
02:30	132	142	70	54	441	224	1454	-734	790	-14	V1	-38	0.00	0	0
03:00	133	126	58	56	460	246	1447	-726	841	-62	V1	-32	0.00	0	0
03:30	132	134	68	56	460	249	1483	-729	827	-8	V1	-51	0.00	0	0
04:00	136	142	68	55	432	228	1432	-724	822	-16	V1	-49	0.00	0	0
04:30	144	138	42	58	434	247	1509	-725	781	-42	V1	-20	0.00	0	0
05:00	144	114	68	64	446	253	1620	-753	687	-9	V1	-35	0.00	0	0
05:30	152	124	70	87	416	264	1529	-748	760	-4	V1	-47	0.00	0	0
06:00	158	104	70	61	432	253	1545	-833	683	3	V1	-31	0.00	0	0
06:30	158	100	70	63	431	275	1531	-841	649	5	V1	-45	0.00	0	0
07:00	160	98	70	60	427	273	1616	-865	685	-8	V1	-46	0.00	0	0
07:30	174	96	76	61	421	260	1576	-943	644	-22	V1	-52	0.00	0	0
08:00	176	82	76	65	438	258	1536	-997	584	-46	avL	-41	0.00	0	0
08:30	180	90	54	59	316	291	1567	-1054	603	-11	V1	-33	0.00	0	0
09:00	183	82	76	62	326	297	1517	-1104	644	0	V1	-40	0.00	0	0
09:30	185	82	68	56	323	302	1409	-1170	675	-4	V1	-52	0.00	0	0
10:00	188	76	54	45	332	303	1484	-1151	699	-21	V1	-46	0.00	0	0
10:30	193	76	52	64	332	301	1549	-1283	696	-223	V6	-41	0.00	0	0
11:00	193	70	54	64	336	289	1365	-1240	633	-93	avL	-32	0.00	0	0
11:30	181	80	74	65	319	308	1481	-1250	952	-1	V1	-57	0.00	0	0
12:00	160	90	72	64	421	327	1544	-1100	1042	18	V1	-49	0.00	0	0
12:30	149	102	74	65	422	348	1672	-985	1110	0	V1	-64	0.00	0	0



PATNA

2478 / MR. MRINAL PANDEY / 27 Yrs / Male / 175 Cm / 79 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)	(µV)	(%)	(Counts)
13:00	147	108	72	64	433	358	1771	-960	1169	-32	avL	-56	0.00	0
13:30	138	124	72	63	419	321	1726	-919	1022	10	V1	-41	0.00	0
14:00	138	122	70	62	440	321	1740	-920	962	-15	avL	-35	0.00	0



Name :- Mr. Mrinal Pandey
Refd by :- Corp.

Age/Sex:- 27Yrs/M
Date :-10/02/24

Thanks for referral.

REPORT OF USG OF WHOLE ABDOMEN

- Liver** :- Normal in size (13.7cm)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 (10.5cm)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 9.1 cm and Left Kidney measures 10.1cm.
- 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:-

Normal Scan.

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



ISO 9001 : 2015

AAROGYAM DIAGNOSTICS

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

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Near Malahi Pakari Chowk, Kankarbagh, Patna - 20

9264278360, 9065875700, 8789391403

info@aarogyamdiagnostics.com

www.aarogyamdiagnostics.com

Date	10/02/2024	Srl No.	9	Patient Id	2402100009
Name	Mr. MRINAL PANDEY	Age	27 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
BOB			
HBA1C	5.2	%	

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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9264278360, 9065875700, 8789391403

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Date	10/02/2024	Srl No. 9	Patient Id 2402100009
Name	Mr. MRINAL PANDEY	Age 27 Yrs.	Sex M
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	15.2	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTE COUNT (TLC)	7,500	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	66	%	40 - 75
LYMPHOCYTE	30	%	20 - 45
EOSINOPHIL	01	%	01 - 06
MONOCYTE	03	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	11	mm/1st hr.	0 - 15
R B C COUNT	5.06	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	45.6	%	40 - 54
M C V	90.12	fl.	80 - 100
M C H	30.04	Picogram	27.0 - 31.0
M C H C	33.3	gm/dl	33 - 37
PLATELET COUNT	2.45	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"B"		
RH TYPING	POSITIVE		
BLOOD SUGAR FASTING	78.5	mg/dl	70 - 110
SERUM CREATININE	1.20	mg%	0.7 - 1.4
BLOOD UREA	21.9	mg /dl	15.0 - 45.0
SERUM URIC ACID	3.6	mg%	3.4 - 7.0
<u>LIVER FUNCTION TEST (LFT)</u>			



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Date	10/02/2024	Srl No.	9	Patient Id	2402100009
Name	Mr. MRINAL PANDEY	Age	27 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.60	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.18	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.42	mg/dl	0.00 - 0.70
TOTAL PROTEIN	7.7	gm/dl	6.6 - 8.3
ALBUMIN	4.4	gm/dl	3.4 - 5.2
GLOBULIN	3.3	gm/dl	2.3 - 3.5
A/G RATIO	1.333		
SGOT	25.1	IU/L	5 - 40
SGPT	30.7	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	78.5	U/L	40.0 - 130.0
GAMMA GT	21.9	IU/L	8.0 - 71.0
LFT INTERPRET			
<u>LIPID PROFILE</u>			
TRIGLYCERIDES	44.5	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	161.9	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	40.0	mg/dL	35.1 - 88.0
V L D L	8.9	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	113	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	4.048		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	2.825		0.00 - 3.55
THYROID PROFILE			
QUANTITY	10	ml.	



ISO 9001 : 2015

AAROGYAM DIAGNOSTICS

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F- 41, PC. Colony, Opp. Madhuban Complex,
Near Malahi Pakari Chowk, Kankarbagh, Patna – 20

9264278360, 9065875700, 8789391403

info@aarogyamdiagnostics.com

www.aarogyamdiagnostics.com

Date	10/02/2024	Srl No.	9	Patient Id	2402100009
Name	Mr. MRINAL PANDEY	Age	27 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
COLOUR	PALE YELLOW		
TRANSPARENCY	CLEAR		
SPECIFIC GRAVITY	1.025		
PH	6.0		
ALBUMIN	NIL		
SUGAR	NIL		
MICROSCOPIC EXAMINATION			
PUS CELLS	0-1	/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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Date	10/02/2024	Srl No.	9	Patient Id	2402100009
Name	Mr. MRINAL PANDEY	Age	27 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



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



40204100203

TEST REPORT

Reg.No : 40204100203	Reg.Date : 11-Feb-2024 14:44	Collection : 11-Feb-2024 14:45
Name : MRINAL PANDEY		Received : 11-Feb-2024 14:45
Age : 27 Years	Sex : Male	Report : 11-Feb-2024 16:08
Referred By : AAROGYAM DIAGNOSTICS @ PATNA		Dispatch : 11-Feb-2024 16:28
Referral Dr : □	Status : Final	Location : 41 - PATNA

Test Name	Results	Units	Bio. Ref. Interval
THYROID FUNCTION TEST			
T3 (triiodothyronine), Total <small>CMLA</small>	0.93	ng/mL	0.70 - 2.04
T4 (Thyroxine), Total <small>CMLA</small>	5.88	µg/dL	4.6 - 10.5
TSH (Thyroid stimulating hormone) <small>CMLA</small>	1.475	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. Rina Prajapati
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G-21793