

30B

 भारत सरकार
GOVERNMENT OF INDIA

 शिल्पी कुमारी
Shilpi Kumari
जन्म तिथि/ DOB: 14/11/1992
महिला / FEMALE



5803 4276 2243
मेरा आधार, मेरी पहचान

ID: 177

11-02-2024 10:59:37 AM

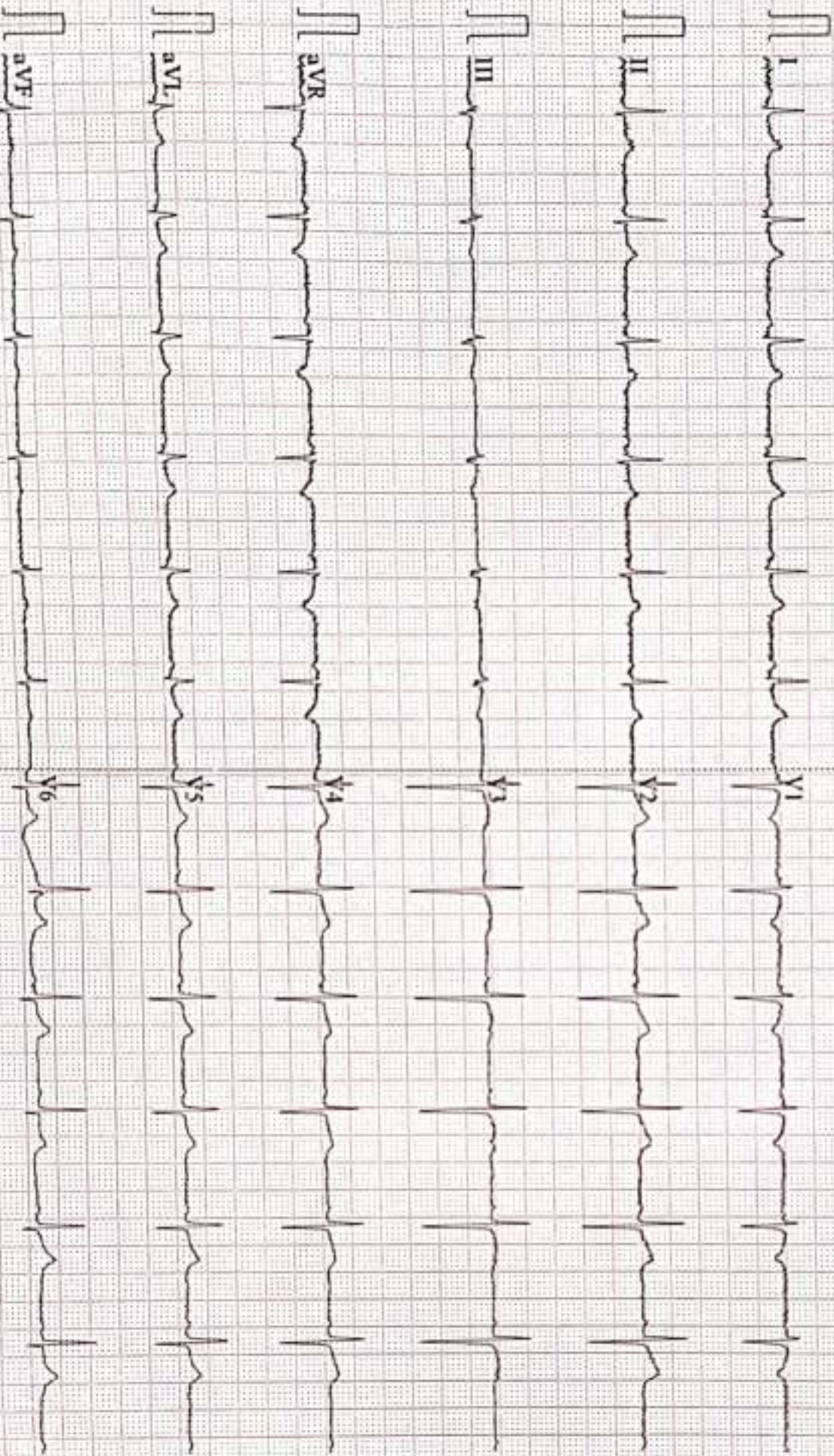
SHILPI KUMARI
Female 31Years

Diagnosis Information:

Sinus Rhythm
Normal ECG

HR : 74 bpm
P : 78 ms
PR : 123 ms
QRS : 74 ms
QT/QTc : 379/423 ms
PQ/RST : -2/27/10 °
RV5/SV1 : 0.631/0.780 mV

Ref-Phys. :
Report Confirmed by:



Patient Name	SHILPI KUMARI	Date	11-02-2024
Age/Sex	31/F	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





Name :- Shilpi Kumar
Refd by :- Corp.

Age/Sex:- 31Yrs/F
Date :-11/02/24

Thanks for referral.

REPORT OF USG OF WHOLE ABDOMEN

- Liver** :- Normal in size (11.1cm) 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** :- Surgically Removed.
- 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 (8.3cm) 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 9.6cm and Left Kidney measures 8.5cm.
- Ureters** :- Ureters are normal.
- U. Bladder** :- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Uterus** :- Normal in size (7.3cm x 3.2cm) and anteverted in position with normal myometrial echotexture and endometrial thickness.
- Ovaries** :- Both ovaries show normal stromal echotexture and follicular pattern.
Mild pelvic (POD) collection is seen.
- Others** :- No ascites or abdominal adenopathy is seen.
No free subphrenic / basal pleural space collection is seen.

IMPRESSION:- *Mild Collection seen in POD.
Otherwise Normal Scan.*

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

AAROGYAM DIAGNOSTICS**PATNA**

2483 / MRS.SHILPI KUMARI / 31 Yrs / F / 157 Cms / 54 Kg Date: 11-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	00:06	0:01	00.0	00.0	01.0	92	49 %	110/70	101	00	
Standing	00:14	0:01	00.0	00.0	01.0	89	47 %	110/70	097	00	
HV	00:21	0:01	00.0	00.0	01.0	091	48 %	110/70	100	00	
Warm Up	00:30	0:01	01.0	00.0	01.0	087	46 %	110/70	095	00	
ExStart	00:39	0:06	01.7	10.0	01.1	098	52 %	110/70	107	00	
BRUCE/ Stage 1	03:39	3:00	01.7	10.0	04.7	134	71 %	115/75	154	00	
BRUCE/ Stage 2	06:39	3:00	02.5	12.0	07.1	158	84 %	120/80	189	00	
PeakEx	07:39	1:00	03.4	14.0	08.2	172	91 %	120/80	206	00	
Recovery	08:38	1:00	01.1	00.0	01.2	150	79 %	115/75	172	00	
Recovery	09:38	2:00	01.1	00.0	01.0	135	71 %	110/70	148	00	
Recovery	09:53	2:14	01.1	00.0	01.0	135	71 %	110/70	148	00	

Findings :

Exercise Time : 07:01
Max HR Attained : 179 bpm 95% of Target 189
Max BP Attained : (Sys) 120/80
Max WorkLoad Attained : 8.2 Fair response to induced stress
Max ST Dep Lead & Value : III & -2.6 mm in PeakEx mm
Test End Reasons : Test Complete

Report :

AAROGYAM DIAGNOSTICS

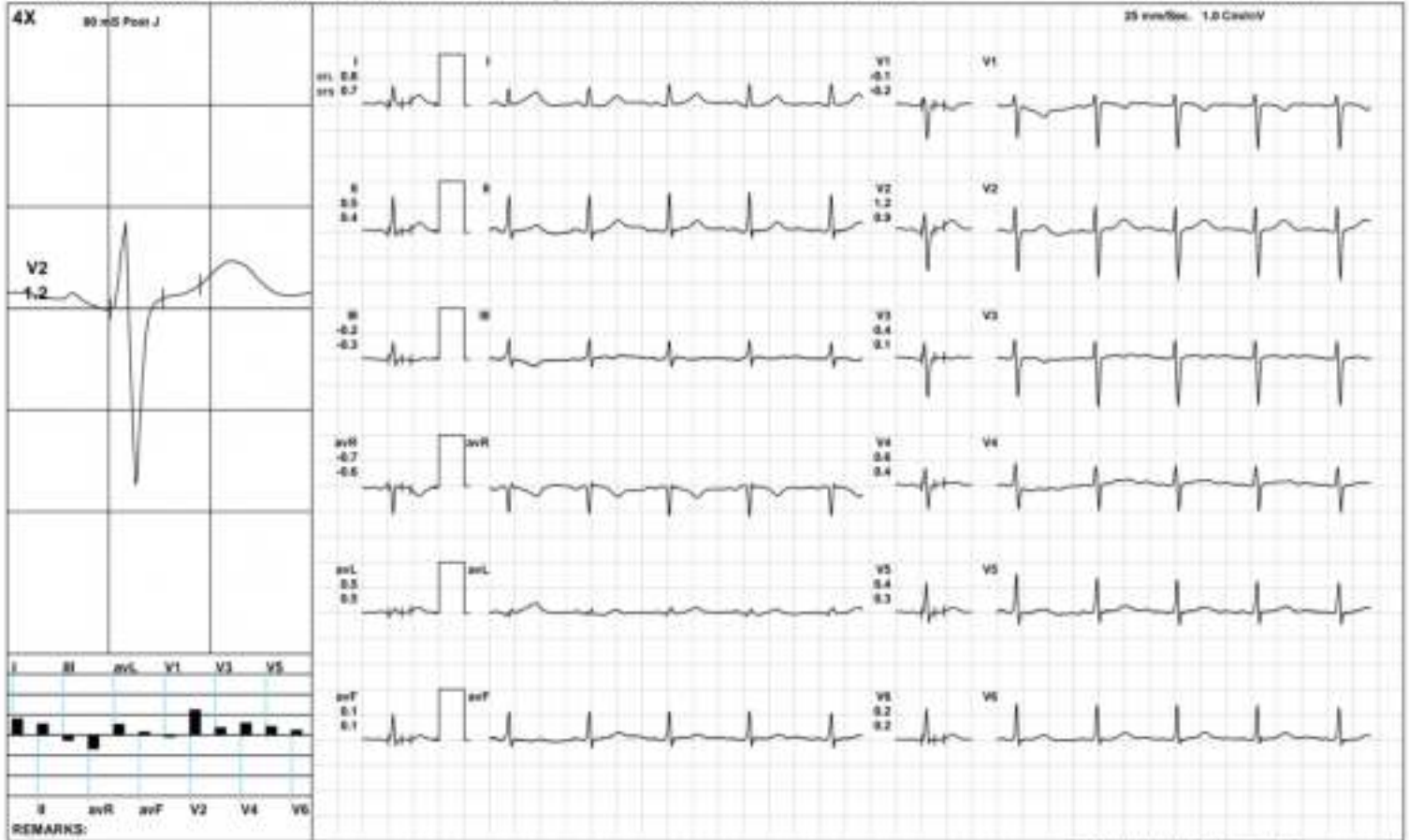
Supine



2483 / MRS. SHILPI KUMARI / 31 Yrs / F / 157 Cms / 54 Kg / HR : 92

Date: 11-Feb-2024 11:56:36 AM METS: 1.0/ 92 bpm 48% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Natch On HF 0.05 Hz/ LF 150 Hz

ExTime 00:06 0.0 rgh, 0.0%



AAROGYAM DIAGNOSTICS

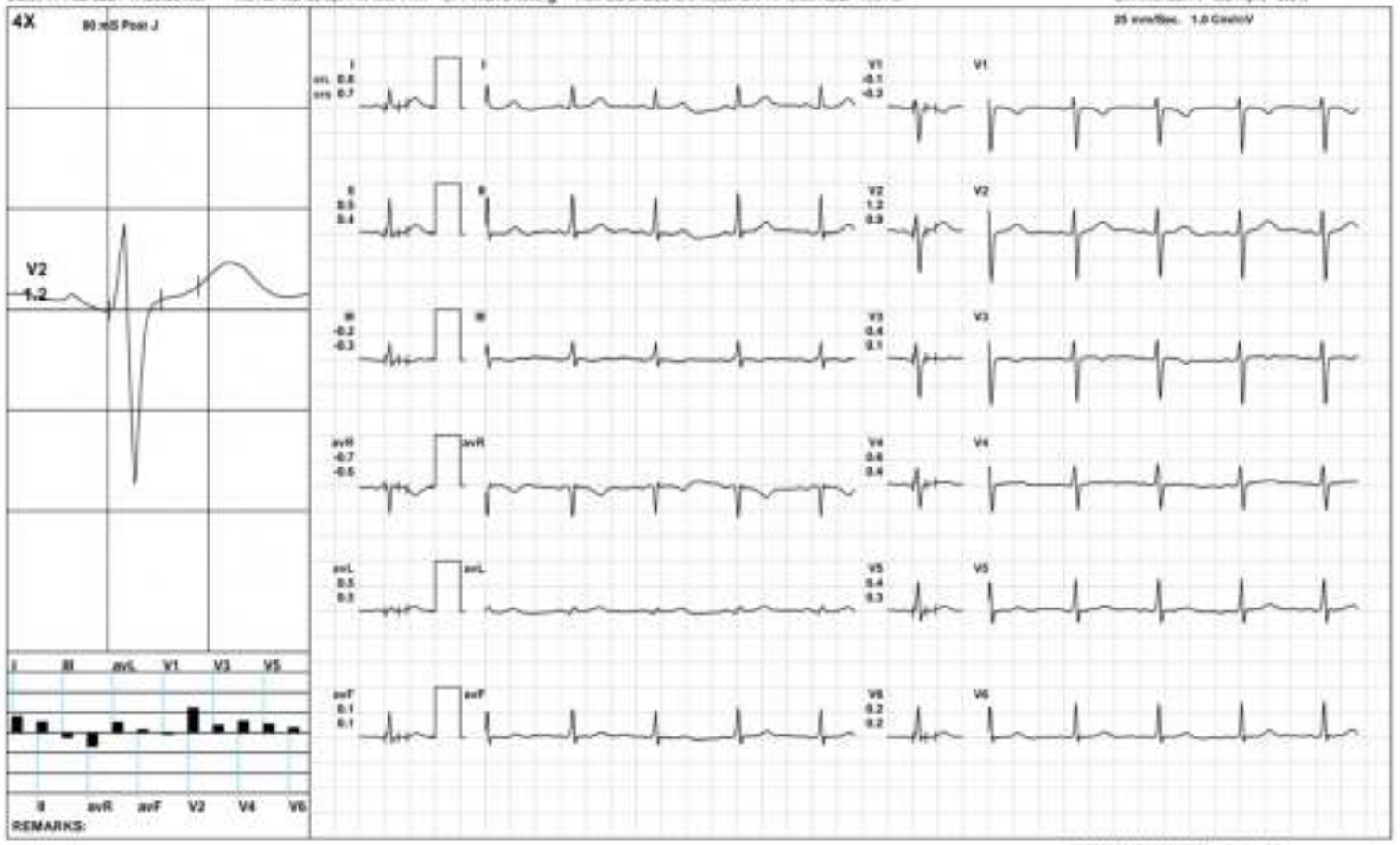
Standing



2483 / MRS. SHILPI KUMARI / 31 Yrs / F / 157 Cms / 54 Kg / HR : 89

Date: 11-Feb-2024 11:56:36 AM METS: 1.0/89 bpm 47% of THR BP: 110/70 mmHg Raw ECG/ BLC Div/ Natch Div HF 0.05 Hz/ LF 150 Hz

ExTime 00:14 0.0 rgh, 0.0%



AAROGYAM DIAGNOSTICS

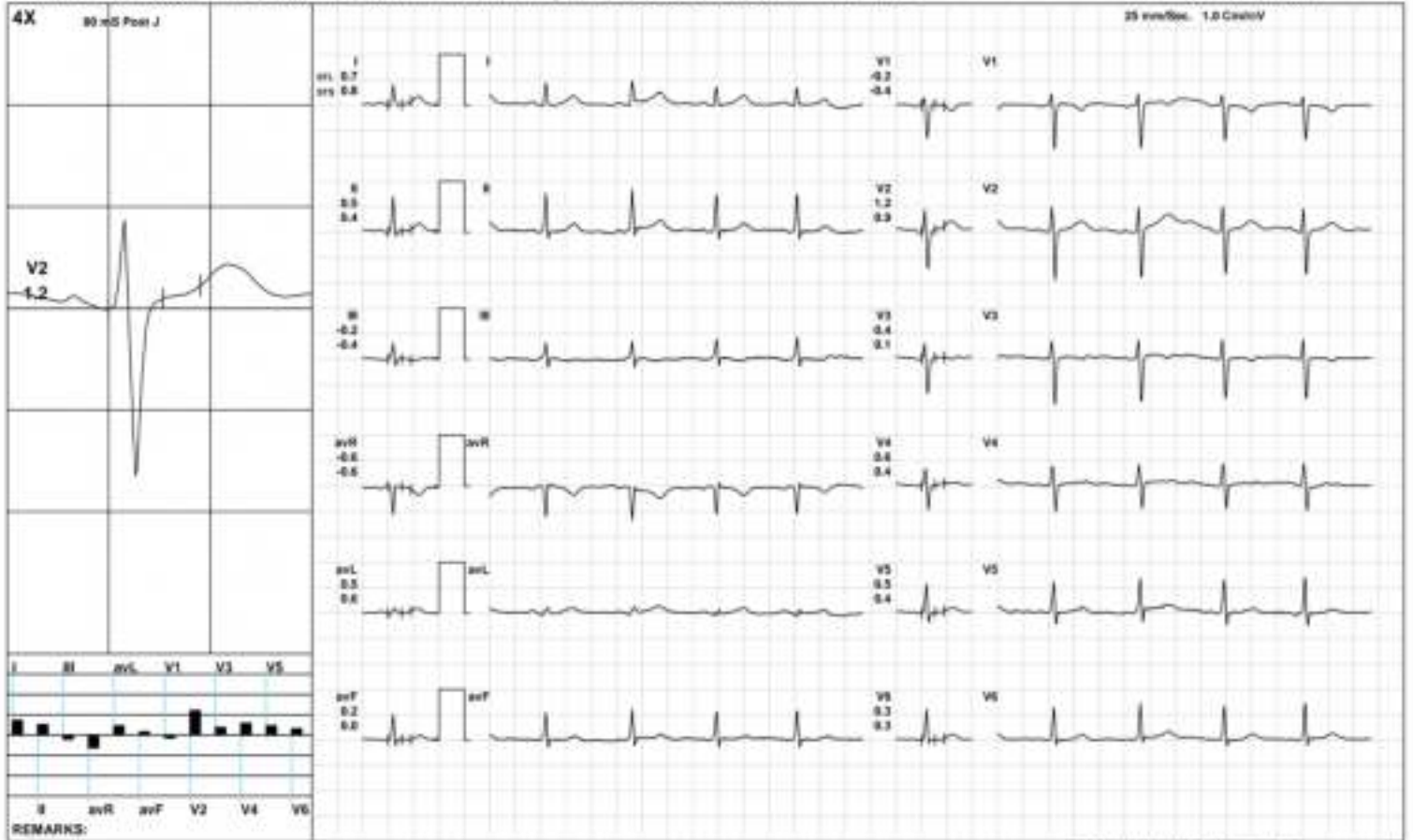
HV



2483 / MRS. SHILPI KUMARI / 31 Yrs / F / 157 Cms / 54 Kg / HR : 91

Date: 11-Feb-2024 11:56:36 AM METS: 1.0/91 (pm 48% of THR) BP: 110/70 mmHg Raw ECG/ BLC Div/ Natch Div HF 0.05 Hz/LF 150 Hz

ExTime 00:21 0.0 rps, 0.0%



AAROGYAM DIAGNOSTICS

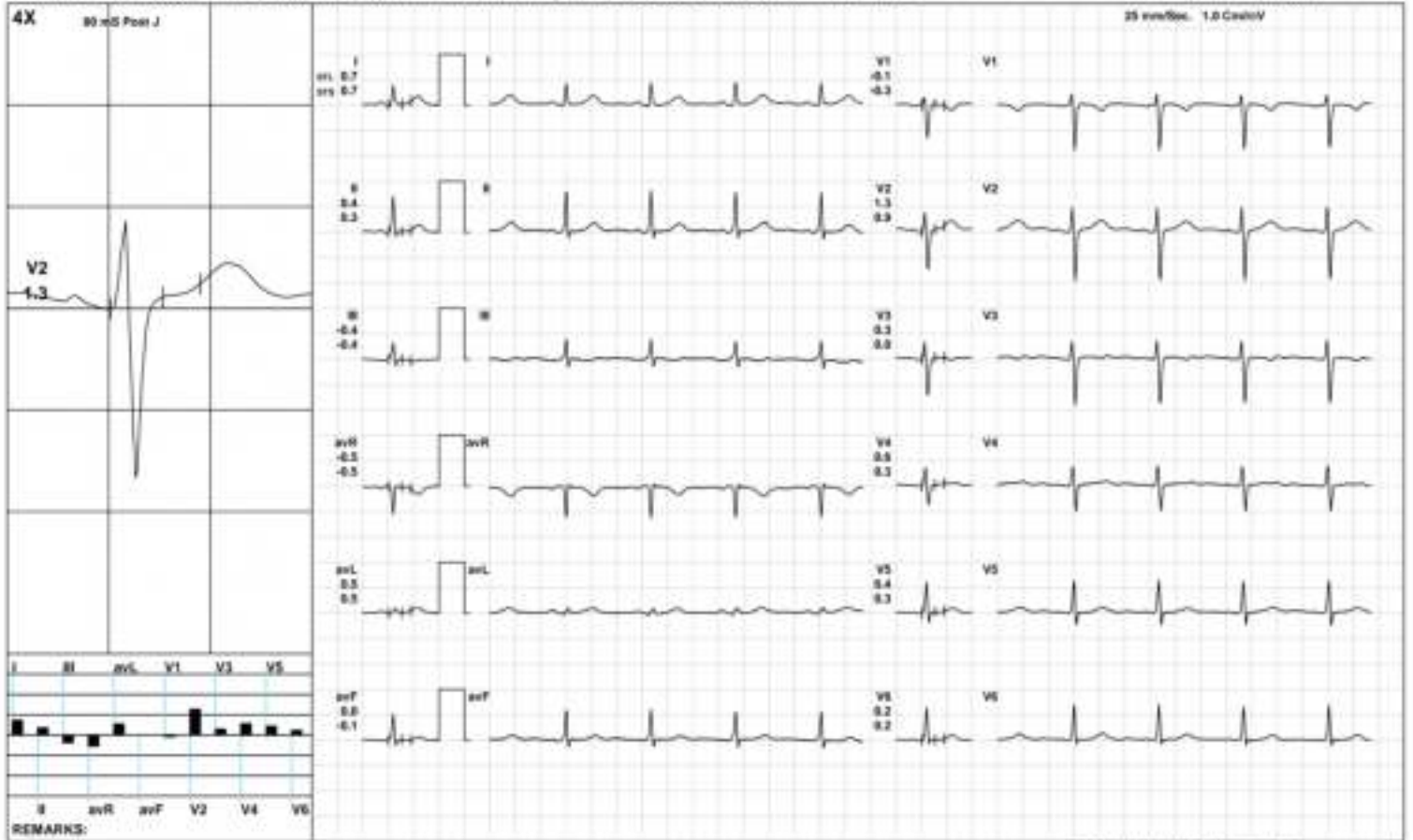
Warm Up



2483 / MRS. SHILPI KUMARI / 31 Yrs / F / 157 Cms / 54 Kg / HR : 87

Date: 11-Feb-2024 11:56:36 AM METS: 1.0/ 87 bpm 46% of THR BP: 110/70 mmHg Raw ECG/ BLC On/ Natch On HF 0.05 Hz/ LF 150 Hz

ExTime 00:30 1.0 rgh, 0.0%



AAROGYAM DIAGNOSTICS

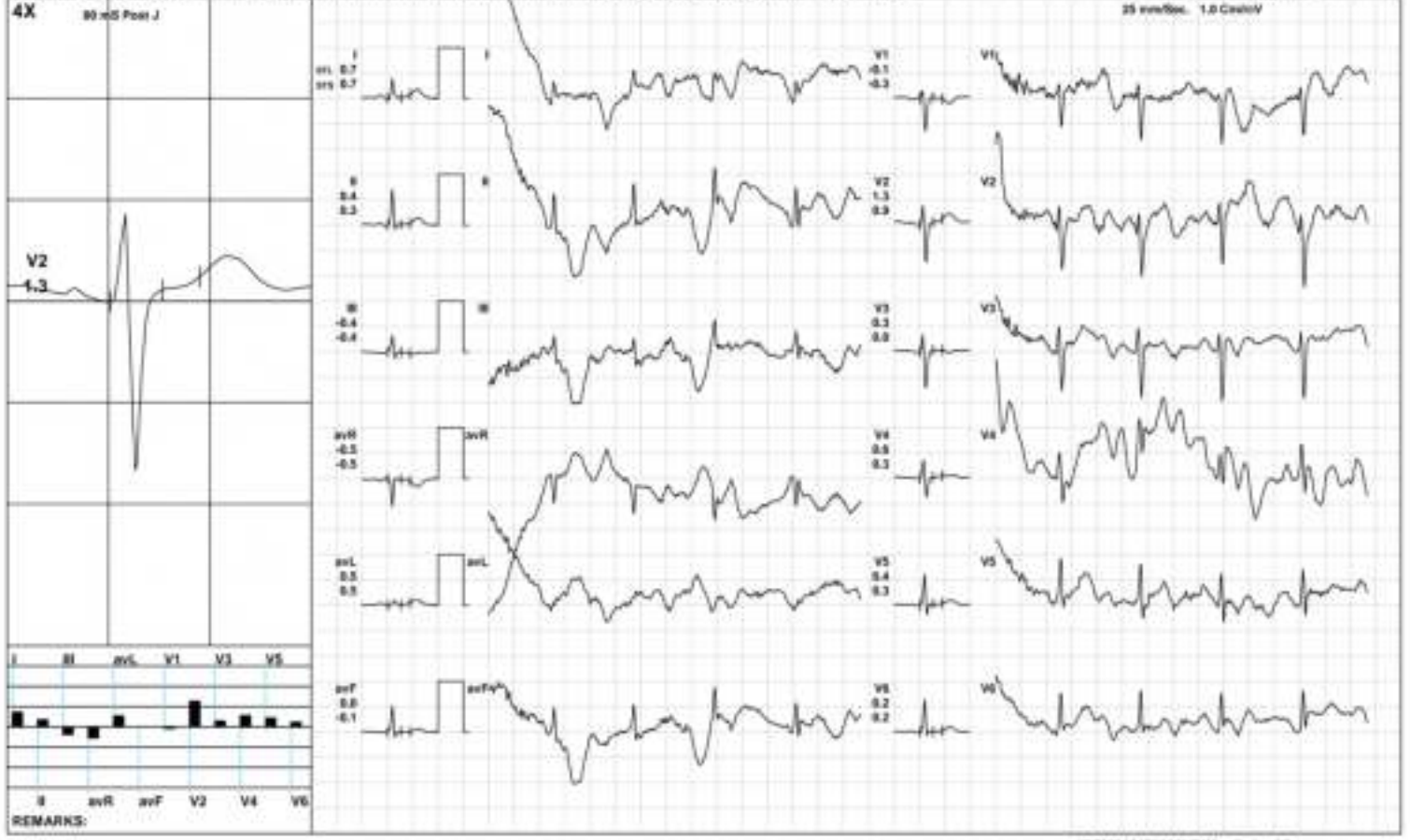
ExStart



2483 / MRS. SHILPI KUMARI / 31 Yrs / F / 157 Cms / 54 Kg / HR : 98

Date: 11-Feb-2024 11:58:36 AM METS: 1.17/98 (pm 51% of THR) BP: 110/70 mmHg Raw ECG/ BLC On/ Natch On/ HF 0.08 Hz/ LF 150 Hz

ExTime: 00:08 1.7 mph, 10.8%



AAROGYAM DIAGNOSTICS

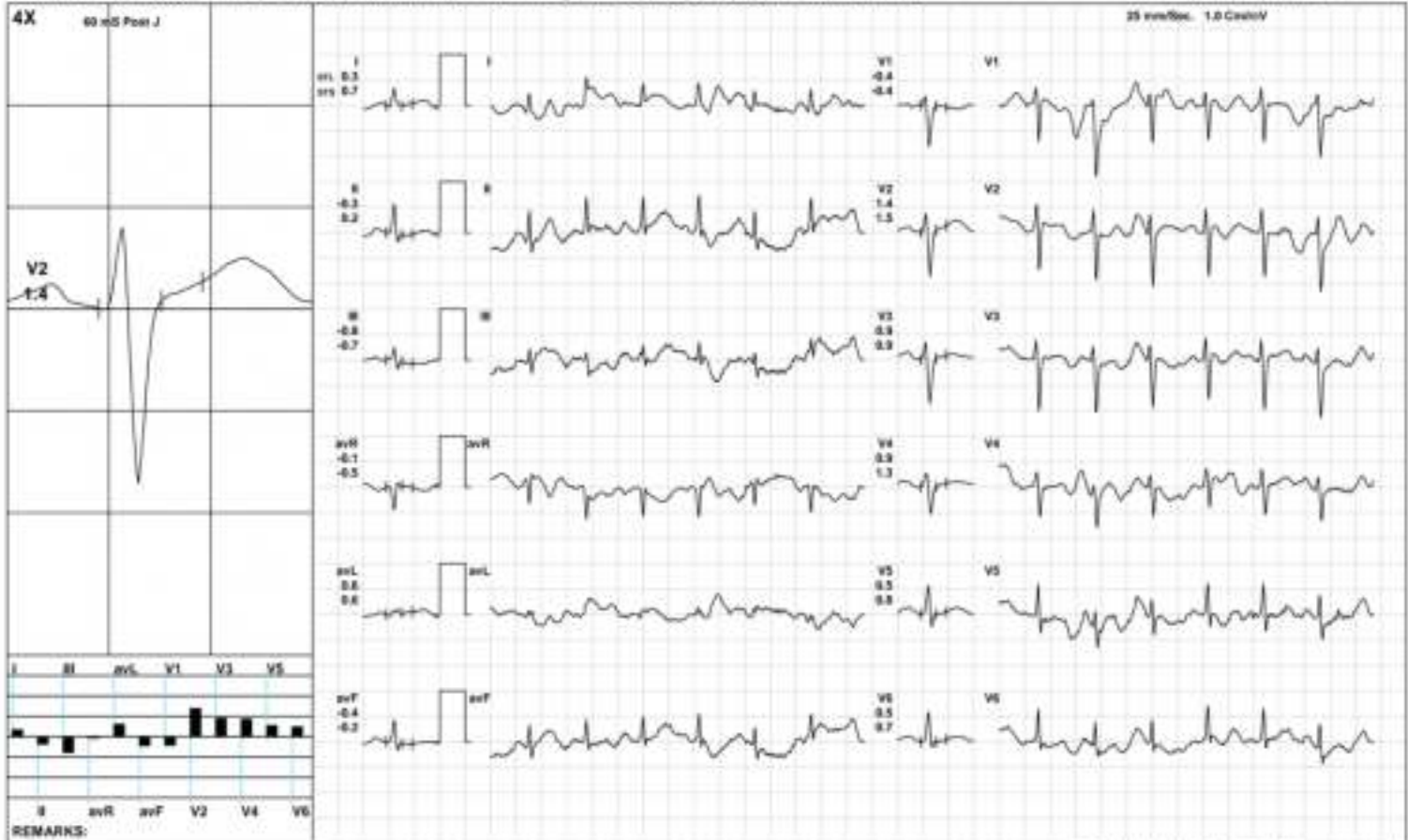
BRUCE/Stage 1(3:00)



2483 / MRS.SHILPI KUMARI / 31 Yrs / F / 157 Cms / 54 Kg / HR : 134

Date: 11-Feb-2024 11:58:36 AM METS: 4.7/ 134 bpm 70% of THR BP: 115/75 mmHg Raw ECG/ BUC Ov/ Notch Ov/ HF 0.05 Hz/ LF 100 Hz

ExTime: 03:00 1.7 mph, 10.8%



AAROGYAM DIAGNOSTICS

BRUCE/Stage 2(3:00)



2483 / MRS.SHILPI KUMARI / 31 Yrs / F / 157 Cms / 54 Kg / HR : 158

Date: 11-Feb-2024 11:58:36 AM METS: 7.1/158 bpm 83% of THR BP: 120/80 mmHg Raw ECG/BLC/Drv/Match/Drv/HF 0.05 Hz/LF 100 Hz

ExTime: 06:00 2.5 mph, 12.8%



AAROGYAM DIAGNOSTICS

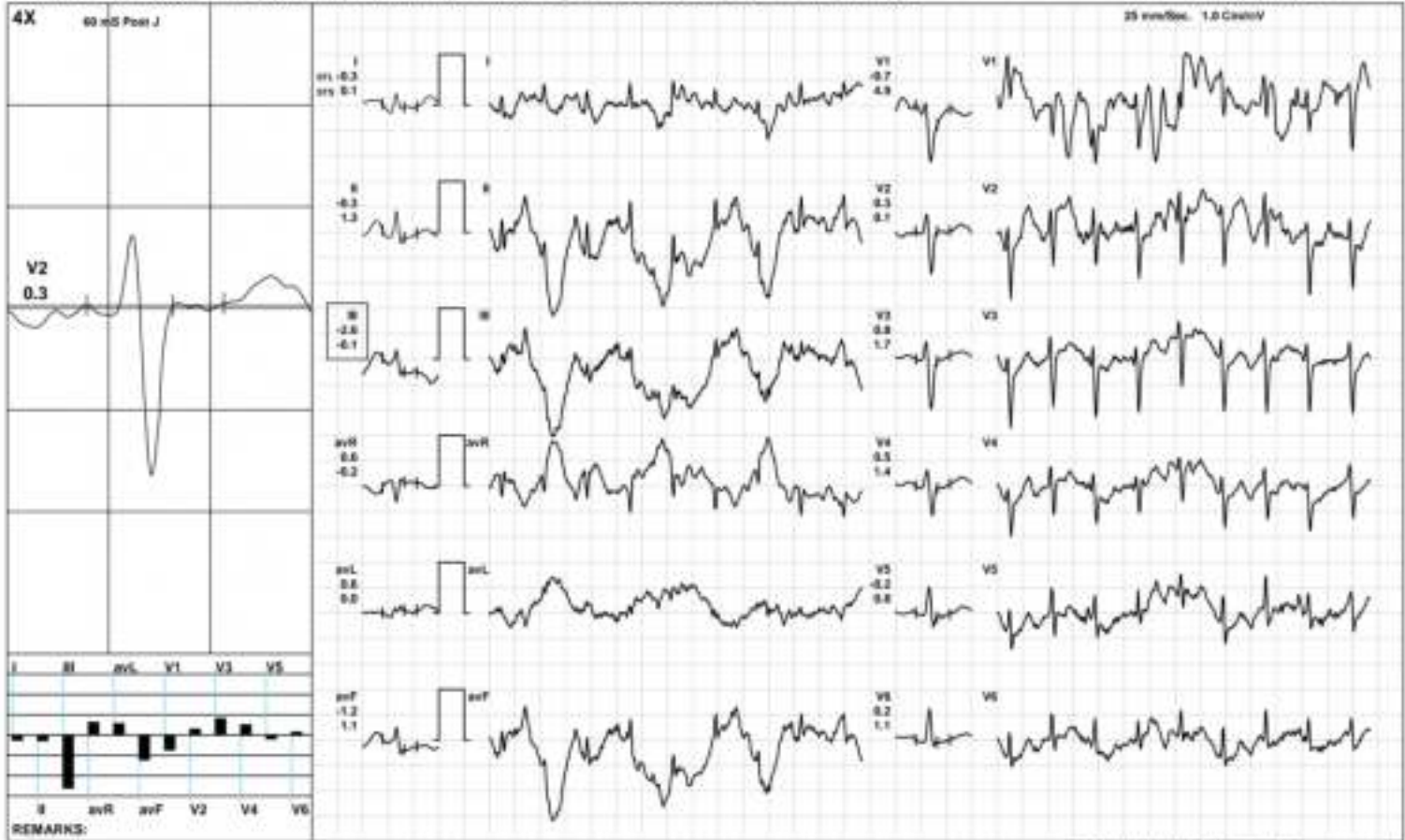
PeakEx



2483 / MRS. SHILPI KUMARI / 31 Yrs / F / 157 Cms / 54 Kg / HR : 172

Date: 11-Feb-2024 11:56:36 AM METS: 8.2/ 172 bpm 91% of THR BP: 120/60 mmHg Raw ECG/ BLC/ Drv/ Natch/ Drv/ HF 0.05 Hz/ LF 100 Hz

ExTime: 07:00 3.4 rgh, 14.8%



AAROGYAM DIAGNOSTICS

Recovery(1:00)



2483 / MRS.SHILPI KUMARI / 31 Yrs / F / 157 Cms / 54 Kg / HR : 150

Date: 11-Feb-2024 11:56:36 AM METS: 1.2/ 150 bpm 79% of THR BP: 115/75 mmHg Rate ECG: BUC Ov Notch Ov HF 0.05 Hz/LF 100 Hz

ExTime: 07:01 1.1 rgh, 0.0%



AAROGYAM DIAGNOSTICS

Recovery(2:00)



2483 / MRS.SHILPI KUMARI / 31 Yrs / F / 157 Cms / 54 Kg / HR : 135

Date: 11-Feb-2024 11:56:36 AM METS: 1.0/ 135 bpm 71% of THR BP: 110/70 mmHg Rate ECGI BUC Ov Notch Ov HF 0.05 Hz/LF 100 Hz

ExTime: 07:01 1.1 mph, 0.0%



AAROGYAM DIAGNOSTICS

Recovery(2:14)



2483 / MRS.SHILPI KUMARI / 31 Yrs / F / 157 Cms / 54 Kg / HR : 135

Date: 11-Feb-2024 11:56:36 AM METS: 1.0/ 135 bpm 71% of THR BP: 110/70 mmHg Rate ECG: BUC Ov Notch Ov HF 0.05 Hz/LF 100 Hz

ExTime: 07:01 1.1 mph, 0.0%



REMARKS:

AAROGYAM DIAGNOSTICS

ST Measurements



2483 / MRS.SHILPI KUMARI / 31 Yrs / F / 157 Cms / 54 Kg / HR : 93

Date: 11-Feb-2024 11:58:36 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	0.8	0.5	-0.2	-0.7	0.5	0.1	-0.1	1.2	0.4	0.6	0.4	0.2	0.7	0.4	-0.3	-0.6	0.5	0.1	-0.2	0.9	0.1	0.4	0.3	0.2	
60 @mS Standing	0.8	0.5	-0.2	-0.7	0.5	0.1	-0.1	1.2	0.4	0.6	0.4	0.2	0.7	0.4	-0.3	-0.6	0.5	0.1	-0.2	0.9	0.1	0.4	0.3	0.2	
HV	0.8	0.5	-0.2	-0.7	0.5	0.1	-0.1	1.2	0.4	0.6	0.4	0.2	0.7	0.4	-0.3	-0.6	0.5	0.1	-0.2	0.9	0.1	0.4	0.3	0.2	
Warm Up	0.7	0.5	-0.2	-0.6	0.5	0.2	-0.2	1.2	0.4	0.6	0.5	0.3	0.8	0.4	-0.4	-0.6	0.6	0.0	-0.4	0.9	0.1	0.4	0.4	0.3	
ExStart	0.7	0.4	-0.4	-0.5	0.5	0.0	-0.1	1.3	0.3	0.6	0.4	0.2	0.7	0.3	-0.4	-0.5	0.5	-0.1	-0.3	0.9	0.0	0.3	0.3	0.2	
Stage 1	0.3	-0.3	-0.8	-0.1	0.6	-0.4	-0.4	1.4	0.9	0.9	0.5	0.5	0.7	0.2	-0.7	-0.5	0.6	-0.2	-0.4	1.5	0.9	1.3	0.8	0.7	
Stage 2	-0.1	-0.4	-0.5	0.6	1.1	-0.3	0.7	1.4	0.7	0.5	-0.3	0.0	-0.3	1.2	0.5	-1.9	0.6	0.9	-2.4	1.9	1.2	1.1	0.7	0.7	
PeakEx	-0.3	-0.3	-2.6	0.6	0.6	-1.2	-0.7	0.3	0.8	0.5	-0.2	0.2	0.1	1.3	-0.1	-0.2	0.0	1.1	4.9	0.1	1.7	1.4	0.8	1.1	
Recovery	-0.2	-0.1	0.4	0.1	-0.3	-0.2	-0.1	2.6	1.4	1.4	1.1	0.9	-0.1	0.4	0.3	-0.1	-0.6	0.4	-2.0	2.2	1.5	1.5	1.5	0.9	
Recovery	0.9	1.0	0.1	-1.0	0.1	0.6	0.5	2.3	1.5	1.2	1.2	0.7	0.4	1.3	0.9	-0.8	-0.2	1.1	0.1	2.2	1.7	1.5	1.7	1.3	
Recovery	0.3	1.0	0.6	-0.6	-0.1	0.8	-0.3	1.2	0.8	0.7	0.3	0.2	-0.2	0.9	1.1	-0.4	-0.9	1.1	0.1	2.1	2.0	2.1	1.8	1.6	

	I	II	III	avR	avL	avF	V1	V2	V3	V4	V5	V6
STI(μVx)												
Supine	6.7	5.3	-1.3	-6.1	4.1	2.0	-1.4	10.1	2.5	4.2	3.8	2.9
Standing	6.7	5.3	-1.3	-6.1	4.1	2.0	-1.4	10.1	2.5	4.2	3.8	2.9
HV	6.7	5.3	-1.3	-6.1	4.1	2.0	-1.4	10.1	2.5	4.2	3.8	2.9
Warm Up	5.9	5.3	-0.6	-5.6	3.2	2.3	-1.9	9.7	2.5	4.1	3.9	3.4
ExStart	6.3	4.1	-2.1	-5.2	4.2	1.0	-1.6	10.3	1.7	3.7	3.7	2.9
Stage 1	1.1	-2.5	-4.0	0.5	2.7	-2.6	-1.1	6.3	4.2	3.5	2.0	1.6
Stage 2	-0.3	-4.9	-3.7	7.1	5.1	-3.4	7.5	5.5	2.4	1.6	-3.3	-1.2
PeakEx	-2.5	-4.8	-15.8	4.5	1.7	-8.6	-10.5	0.6	1.0	-0.6	-2.7	-1.4
Recovery	-1.6	-1.6	2.6	0.9	-1.4	-2.0	2.7	11.2	6.2	6.2	3.8	4.1
Recovery	4.6	3.9	-0.6	-4.2	1.0	1.6	3.5	10.0	6.1	4.7	3.9	2.2
Recovery	2.2	4.7	2.6	-3.4	0.2	3.6	-0.2	4.3	2.8	1.9	-0.5	-0.7



PATNA

2483 / MRS.SHWPI KUMARI / 31 Yrs / Female / 157 Cm / 54 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.)	(bpm)	(ms)	(ms)	(Deg.)	(ms)	(Max)	(Max)	(Min)	(Max)	(µV) (J & PJ)	(µV)	(%)	(Counts)
00:30	99	168	58	44	355	378	657	-929	520	-104 V1	-288	0.00	0
01:00	119	166	8	16	72	-493	645	-966	1031	512 V1	-294	0.00	0
01:30	127	160	66	30	352	329	618	-971	-301	-57 III	-103	0.00	0
02:00	138	138	52	28	133	286	564	-979	-266	-390 V1	-113	0.00	0
02:30	134	148	50	13	127	194	593	-954	284	-180 III	-203	0.00	0
03:00	135	148	64	33	438	157	592	-930	233	-83 III	-95	0.00	0
03:30	140	160	68	32	424	153	590	-961	209	-59 III	-102	0.00	0
04:00	150	64	48	67	317	134	507	-957	264	-36 avL	-105	0.00	0
04:30	152	138	60	29	310	-304	481	-968	-389	-216 III	-114	0.00	0
05:00	160	132	62	-16	394	324	499	-988	327	-193 avF	-111	0.00	0
05:30	161	142	40	26	180	-228	504	-1020	-298	-392 avF	-277	0.00	0
06:00	160	62	58	-7	176	159	510	-989	295	-312 II	-166	0.00	0
06:30	163	96	70	10	298	-192	626	-1031	248	-219 III	-114	0.00	0
07:00	168	128	62	5	386	-250	646	-1110	-451	-224 III	-240	0.00	0
07:30	170	120	64	25	343	224	528	-1068	-530	-133 I	-195	0.00	0
08:00	159	140	58	32	282	217	510	-969	445	-38 I	-62	0.00	0
08:30	145	144	68	7	398	-262	495	-1247	-487	-188 V6	-36	0.00	0
09:00	136	148	60	12	403	162	580	-1059	437	-163 III	-63	0.00	0
09:30	135	158	72	49	397	138	681	-1045	422	-186 V6	-64	0.00	0



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Near Malahi Pakari Chowk, Kankarbagh, Patna - 20

9264278360, 9065875700, 8789391403

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Date	11/02/2024	Srl No.	6	Patient Id	2402110006
Name	Mrs. SHILPI KUMARI	Age	31 Yrs.	Sex	F
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
BOB			
HBA1C	5.1	%	

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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Date	11/02/2024	Srl No. 6	Patient Id 2402110006
Name	Mrs. SHILPI KUMARI	Age 31 Yrs.	Sex F
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	12.0	gm/dl	11.5 - 16.5
TOTAL LEUCOCYTE COUNT (TLC)	6,500	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	65	%	40 - 75
LYMPHOCYTE	30	%	20 - 45
EOSINOPHIL	01	%	01 - 06
MONOCYTE	04	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	16	mm/1st hr.	0 - 20
R B C COUNT	4.05	Millions/cmm	3.8 - 4.8
P.C.V / HAEMATOCRIT	36.0	%	35 - 45
M C V	88.89	fl.	80 - 100
M C H	29.63	Picogram	27.0 - 31.0
M C H C	33.3	gm/dl	33 - 37
PLATELET COUNT	1.96	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"A"		
RH TYPING	POSITIVE		
BLOOD SUGAR FASTING	72.6	mg/dl	70 - 110
SERUM CREATININE	0.71	mg%	0.5 - 1.3
BLOOD UREA	17.0	mg /dl	15.0 - 45.0
SERUM URIC ACID	4.2	mg%	2.5 - 6.0
<u>LIVER FUNCTION TEST (LFT)</u>			



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Date	11/02/2024	Sri No.	6	Patient Id	2402110006
Name	Mrs. SHILPI KUMARI	Age	31 Yrs.	Sex	F
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.84	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.27	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.57	mg/dl	0.00 - 0.70
TOTAL PROTEIN	6.9	gm/dl	6.6 - 8.3
ALBUMIN	4.1	gm/dl	3.4 - 5.2
GLOBULIN	2.8	gm/dl	2.3 - 3.5
A/G RATIO	1.464		
SGOT	18.3	IU/L	5 - 35
SGPT	12.2	IU/L	5.0 - 45.0
ALKALINE PHOSPHATASE IFCC Method	88.4	U/L	35.0 - 104.0
GAMMA GT	22.6	IU/L	6.0 - 42.0
LFT INTERPRET			
<u>LIPID PROFILE</u>			
TRIGLYCERIDES	54.2	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	196.4	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	39.1	mg/dL	35.1 - 88.0
V L D L	10.84	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	146.46	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	5.023		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	3.746		0.00 - 3.55
THYROID PROFILE			
QUANTITY	20	ml.	



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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	11/02/2024	Srl No. 6	Patient Id 2402110006
Name	Mrs. SHILPI KUMARI	Age 31 Yrs.	Sex F
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
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	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	11/02/2024	Srl No. 6	Patient Id 2402110006
Name	Mrs. SHILPI KUMARI	Age 31 Yrs.	Sex F
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
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Regd. Office : 5th Floor, Doctor House, Nr. Parimal Garden, Ahmedabad-380006 Gujarat
CIN: U85195GJ2009PLC057059



40204100224

TEST REPORT

Reg.No : 40204100224	Reg.Date : 12-Feb-2024 13:08	Collection : 12-Feb-2024 13:09
Name : SHILPI KUMARI		Received : 12-Feb-2024 13:09
Age : 31 Years	Sex : Female	Report : 12-Feb-2024 14:54
Referred By : AAROGYAM DIAGNOSTICS @ PATNA		Dispatch : 12-Feb-2024 15:15
Referral Dr : □	Status : Final	Location : 41 - PATNA

Test Name	Results	Units	Bio. Ref. Interval
THYROID FUNCTION TEST			
T3 (triiodothyronine), Total <small>CMLA</small>	0.94	ng/mL	0.70 - 2.04
T4 (Thyroxine), Total <small>CMLA</small>	8.04	µg/dL	5.5 - 11.0
TSH (Thyroid stimulating hormone) <small>CMLA</small>	1.939	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.Bruno. Tietz Textbook of Clinical Chemistry and Molecular Diagnostics. 5th Edition. Philadelphia: WB Saunders,2012:2170

----- End Of Report -----

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