



TEST REPORT

Reg. No. : 40601010413 Reg. Date : 20-Jun-2024 11:59 Collected On : 20-Jun-2024 11:59
Name : Mr. AMIT SHAH Approved On : 20-Jun-2024 13:23
Age : 48 Years Gender : Male Ref. No. : Dispatch At :
Ref. By : Tele No. :
Location : SAMANVAY HOSPITAL UNIT OF SAMANVAY SPARSH @ VADODARA

Test Name	Results	Units	Bio. Ref. Interval
PSA	0.600	ng/mL	0 - 4

Method:CLIA

Sample Type:Serum

Useful For

- Evaluating patients with documented prostate problems in whom multiple prostate-specific antigen tests may be necessary per year
- Monitoring patients with a history of prostate cancer as an early indicator of recurrence and response to treatment.
- Prostate cancer screening.

Comments

-Prostate-specific antigen (PSA) is a glycoprotein that is produced by the prostate gland, the lining of the urethra, and the bulbourethral gland. Normally, very little PSA is secreted in the blood. Increases in glandular size and tissue damage caused by benign prostatic hypertrophy, prostatitis, or prostate cancer may increase circulating PSA levels.


-Digital rectal examination generally does not increase normal prostate-specific antigen (PSA) values. However, cystoscopy, urethral instrumentation, and prostate biopsy may increase PSA levels.

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

This is an electronically authenticated report. "Please verify the authenticity of this report by scanning the QR code to ensure data integrity."

Test done from collected sample.

Printed On: 20-Jun-2024 13:23


Dr. Vishal Jhaveri
M.B.B.S, D.C.P
Reg. G-13041
Page 1 of 1

SAMANVAY HOSPITAL VADODARA

AMIT SHAH (48 M)

Bruce Protocol

STLevel(mm) STSlope(mV/s)

ID: 9527

Stage: Standing

Date: 20-06-2024

Speed: 0 km/h

Exec Time : 0:00:00

Slope: 0%

Stage Time: 03:03

THR: 146 bpm

HR: 78 bpm

BP: 120/80 mmHg

STLevel(mm) STSlope(mV/s)

V1 0.3

0.1

V2 0.9

0.4

V3 1.5

0.8

V4 1.2

0.7

V5 1

0.6

V6 0.7

0.4

I

0.1

II

0.6

III

0.9

aVR

-0.4

aVL

-0.4

aVF

0.9

V5



SAMANVAY HOSPITAL VADODARA

AMIT SHAH (48 M)

Bruce Protocol

STLevel(mm) STSlope(mV/s)

ID: 9527

Date: 20-06-2024

Exec Time : 00:00

Stage Time: 03:00

HR: 91 bpm

BP: 120/80 mmHg

STLevel(mm) STSlope(mV/s)

Grade: 0%

THR: 146 bpm

Speed: 1.6 kmph

Stage: PreTest

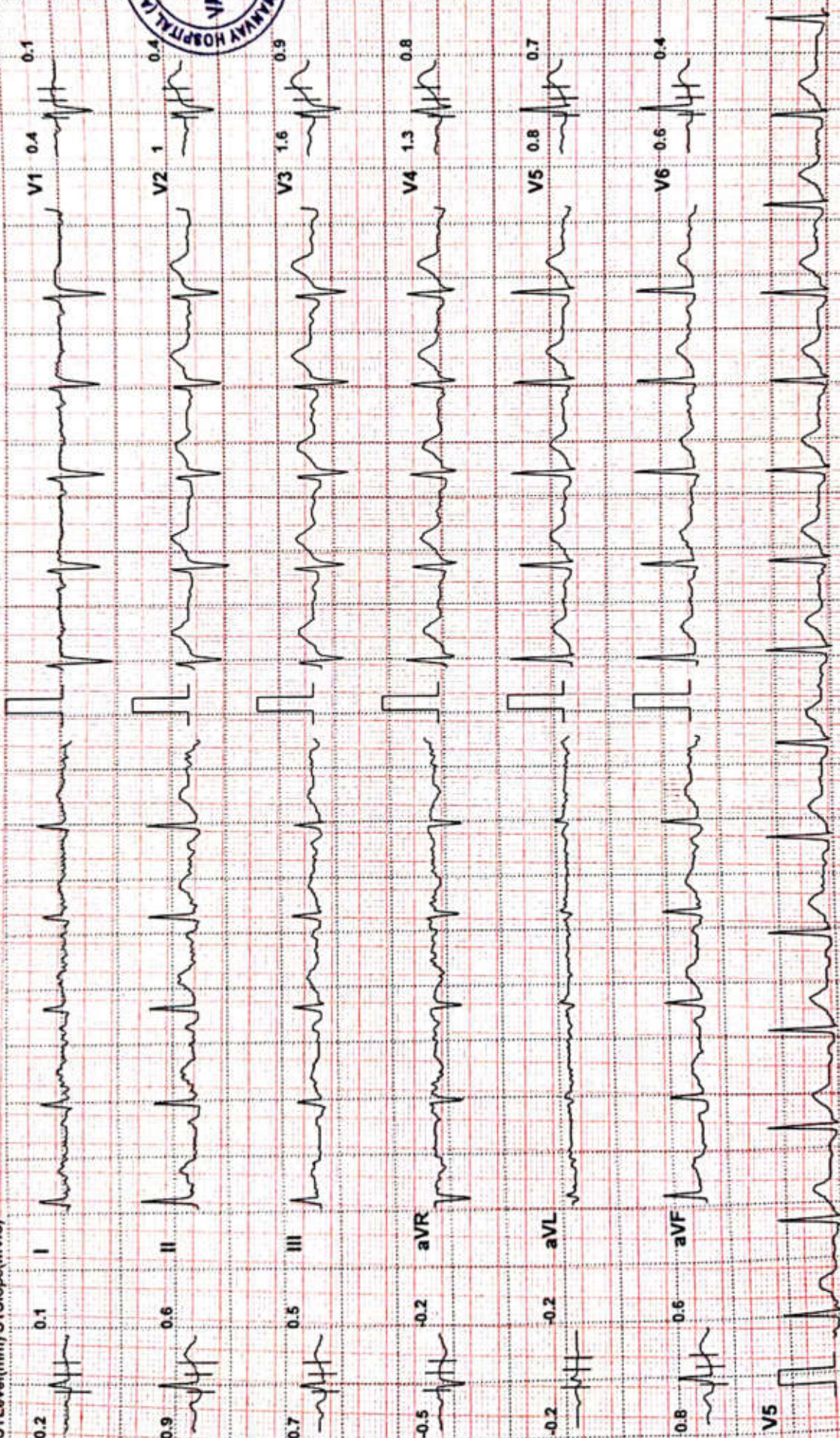
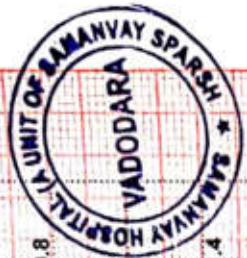


Chart Speed: 25 mm/sec Amplitude: 10mm/mV Filter: 35 Hz Mains Filter: ON ISO = R - 60 ms, J = R + 60 ms, Post J = J + 80 ms Schiller Cardioit CS-TU Version: 3.4

SAMANVAY HOSPITAL VADODARA



AMIT SHAH (48 M)

Bruce Protocol

STLevel(mm) STSlope(mV/s)

ID: 9527

Stage: 1

Date: 20-06-2024

Speed: 2.7 kmph

Exec Time: 0:03:00

Slope: 10 %

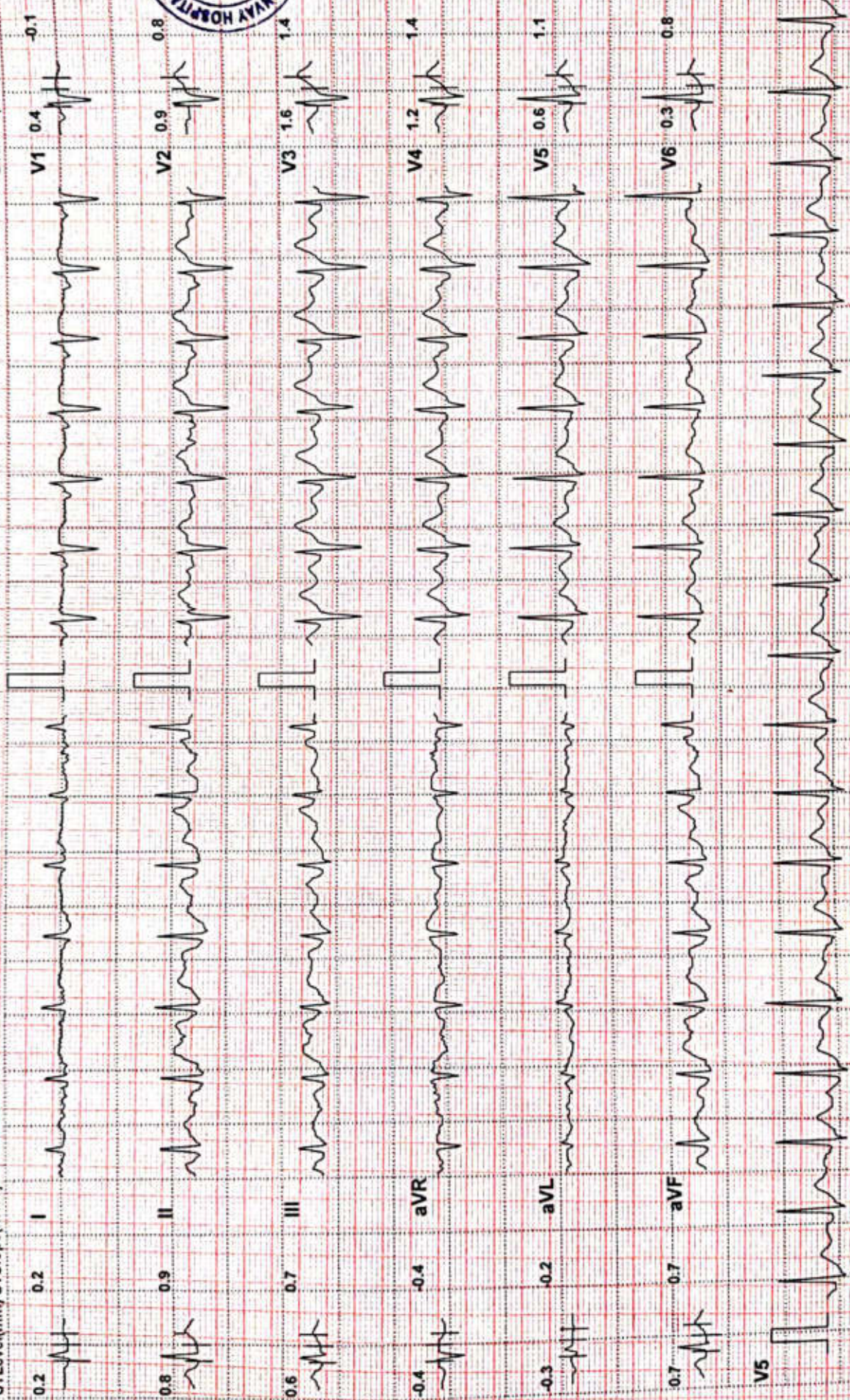
Stage Time: 03:00

THR: 146 bpm

HR: 118 bpm

BP: 120/80 mmHg

STLevel(mm) STSlope(mV/s)



SAMANVAY HOSPITAL VADODARA



AMIT SHAH (48 M)

Bruce Protocol

STLevel(mm) STSlope(mV/s)

ID: 9527

Stage: 2

Date: 20-06-2024

Speed: 4 kmph

Exec Time : 0:06:00

Slope: 12 %

Stage Time: 03:00

THR: 146 bpm

HR: 143 bpm

BP: 140/90 mmHg

STLevel(mm) STSlope(mV/s)

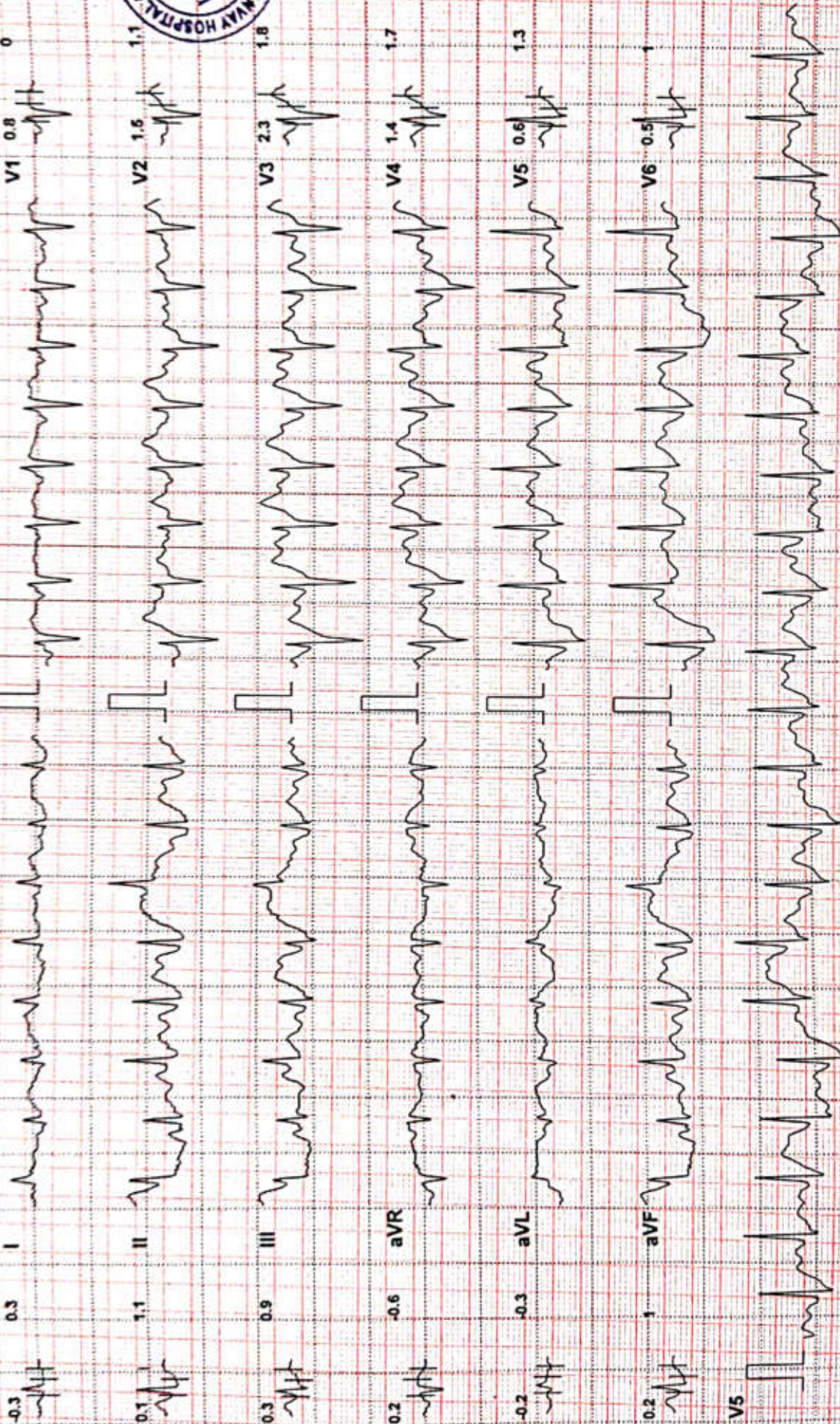


Chart Speed: 25 mm/sec Amplitude: 10mm/mV Filter: 35 Hz Mains Filter: ON ISO = R - 60 ms, J = R + 60 ms, Post J = J + 80 ms Schiller Cardioit CS-10 Version:3.4

SAMANVAY HOSPITAL VADODARA

AMIT SHAH (48 M)

Bruce Protocol

STLevel(mm) STSlope(mV/s)

ID: 9527

Stage: 3

Date: 20-06-2024

Speed: 5.5 kmph

Exec Time : 0:09:00

Slope: 14 %

Stage Time: 03:00

THR: 146 bpm

HR: 157 bpm

BP: 150/90 mmHg

STLevel(mm) STSlope(mV/s)

0.4 0.4 I

V1 0.3 -0.1

0.8 0.8 II

V2 1.2 1.2

0.3 0.4 III

V3 2.1 2.5

-0.5 -0.5 aVR

V4 1 2.2

0 0 aVL

V5 -0.1 1.4

0.5 0.6 aVF

V6 -0.1 1.1

V5

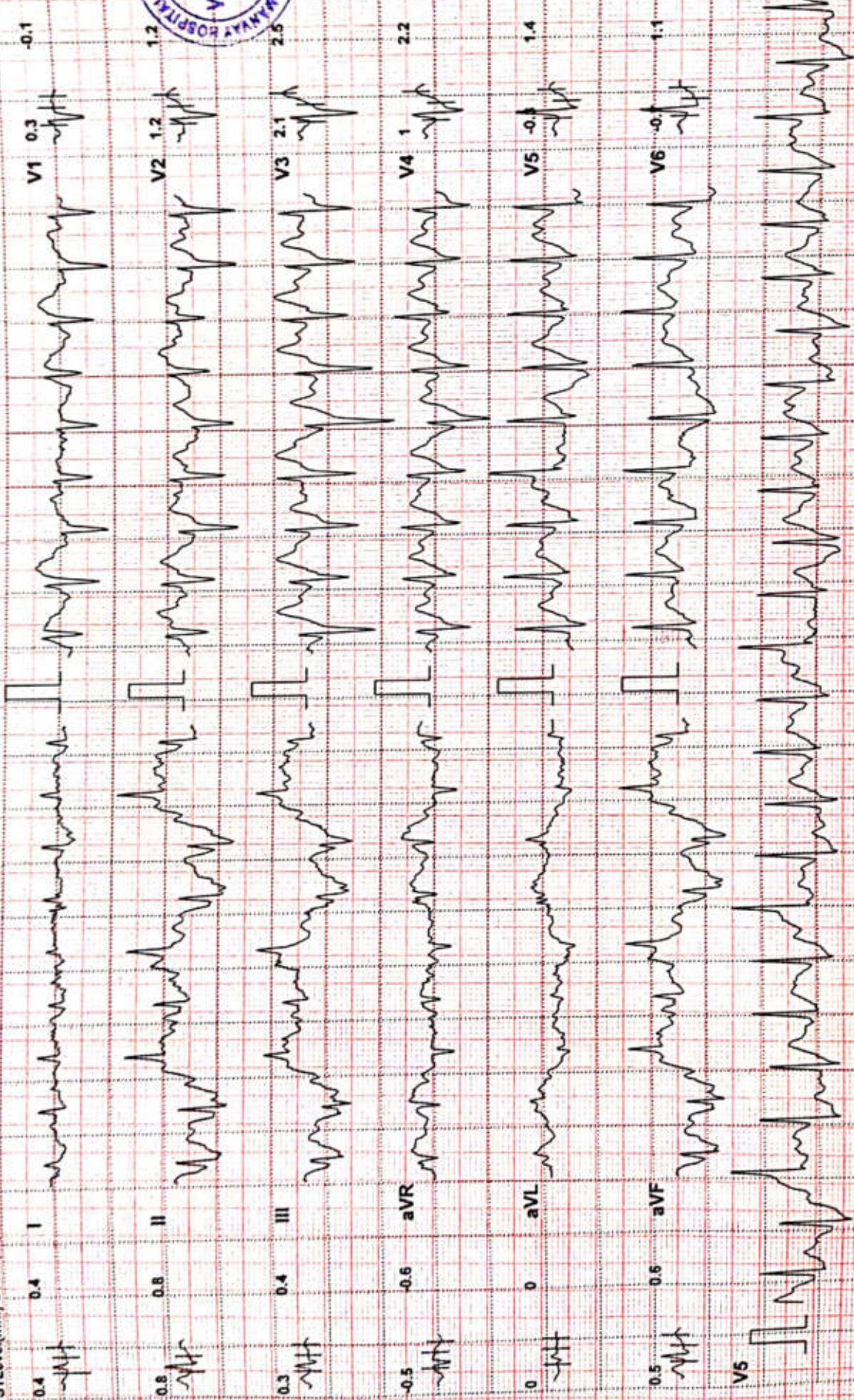


Chart Speed: 25 mm/sec Amplitude: 10mm/mV Filter: 35 Hz Mains Filter: ON ISO = R - 60 ms, J = R + 60 ms, Post J = J + 80 ms

Schiller Cardiovit CS-10 Version: 3.4

SAMANVAY HOSPITAL VADODARA

AMIT SHAH (48 M)

Bruce Protocol

ST Level (mm) ST Slope (mV/s)

ID: 9527

Date: 20-06-2024

Stage: 4 Peak Exercise Speed: 6.8 kmph

Exec Time: 0:09:19

Stage Time: 00:19

Slope: 10 %

THR: 146 bpm

HR: 161 bpm

BP: 150/90 mmHg

ST Level (mm) ST Slope (mV/s)

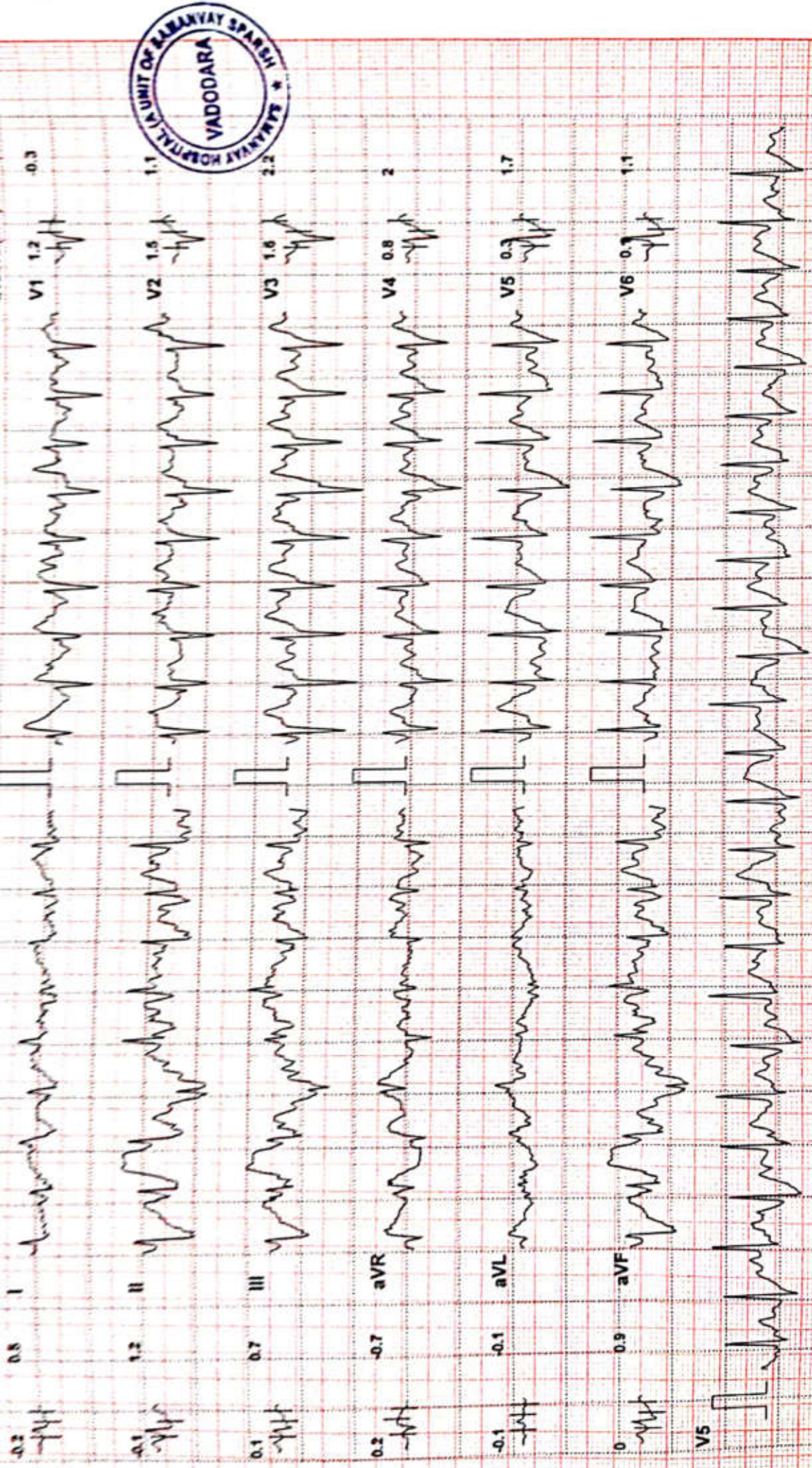


Chart Speed: 25 mm/sec Amplitude: 10mm/mV Filter: 35 Hz Mains Filter: ON ISO = R - 60 ms, J = R + 60 ms, Post J = J + 80 ms Schiller Cardioit CS-10 Version: 3.4

SAMANVAY HOSPITAL VADODARA

AMIT SHAH (48 M)

Bruce Protocol

ID: 9527

Date: 20-06-2024

Stage Time: 01:00

HR: 136 bpm

STLevel(mm) STSlope(mV/s)

Stage: Recovery1

Speed: 0 kmph

Slope: 0 %

THR: 146 bpm

BP: 150/90 mmHg
STLevel(mm) STSlope(mV/s)

0 0.3 I

V1 0.6 -0.1

1.5 II

V2 1.8 1.3

1.5 III

V3 3.3 2.4

-0.5 aVR

V4 2.5 2.3

-0.7 aVL

V5 1.4 1.9

1.4 aVF

V6 0.9 1.4

V5

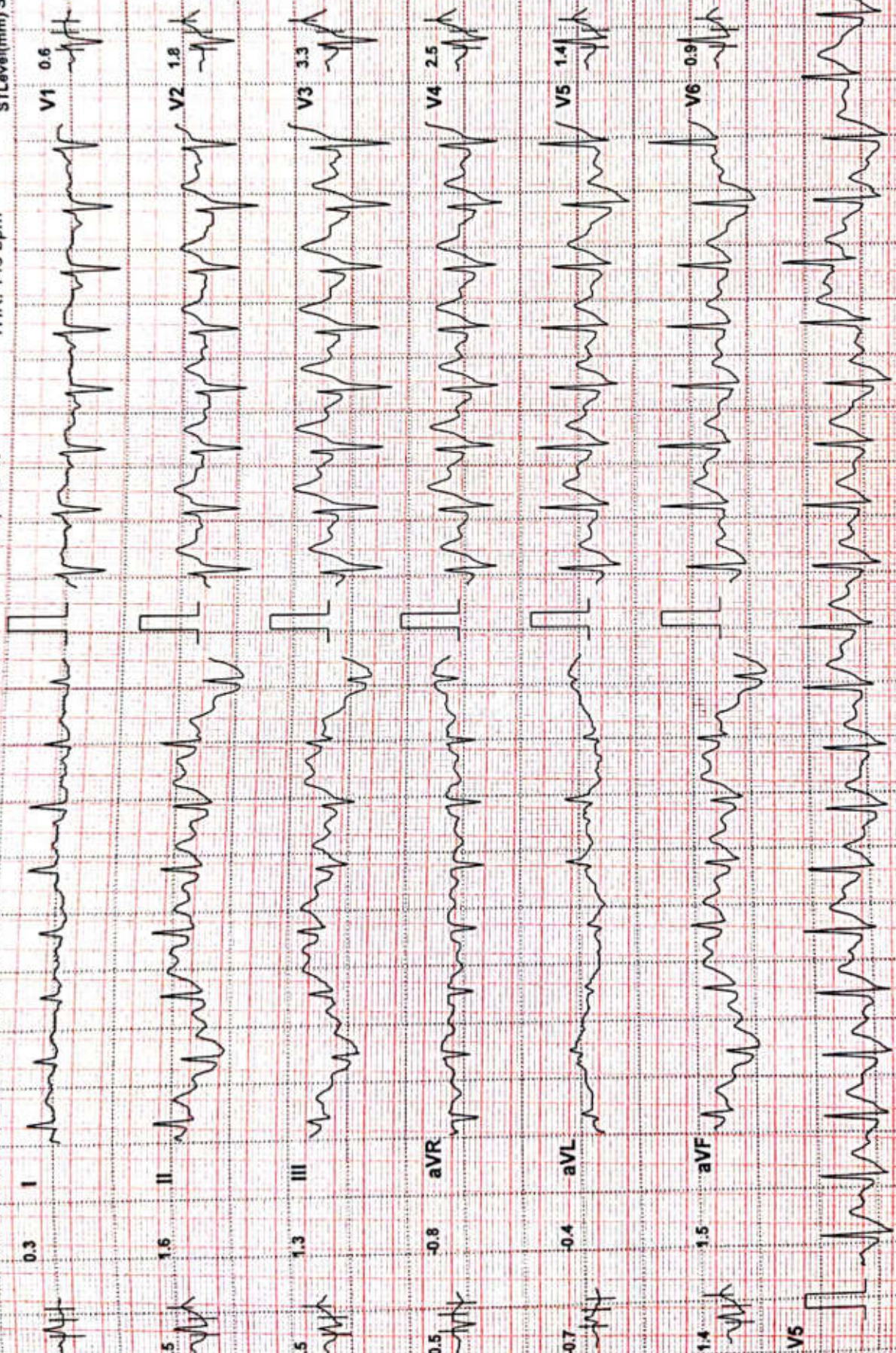


Chart Speed: 25 mm/sec Amplitude: 10mm/mV Filter: 35 Hz Mains Filter: ON ISO = R - 60 ms, J = R + 60 ms, Post J = J + 80 ms Schiller Cardioit CS-10 Version:3.4

SAMANVAY HOSPITAL VADODARA

AMIT SHAH (48 M)

Bruce Protocol

STLevel(mm) STSlope(mV/s)

ID: 9527

Stage: Recovery2

Date: 20-06-2024

Speed: 0 kmph

Exec Time : 00:00

Slope: 0 %

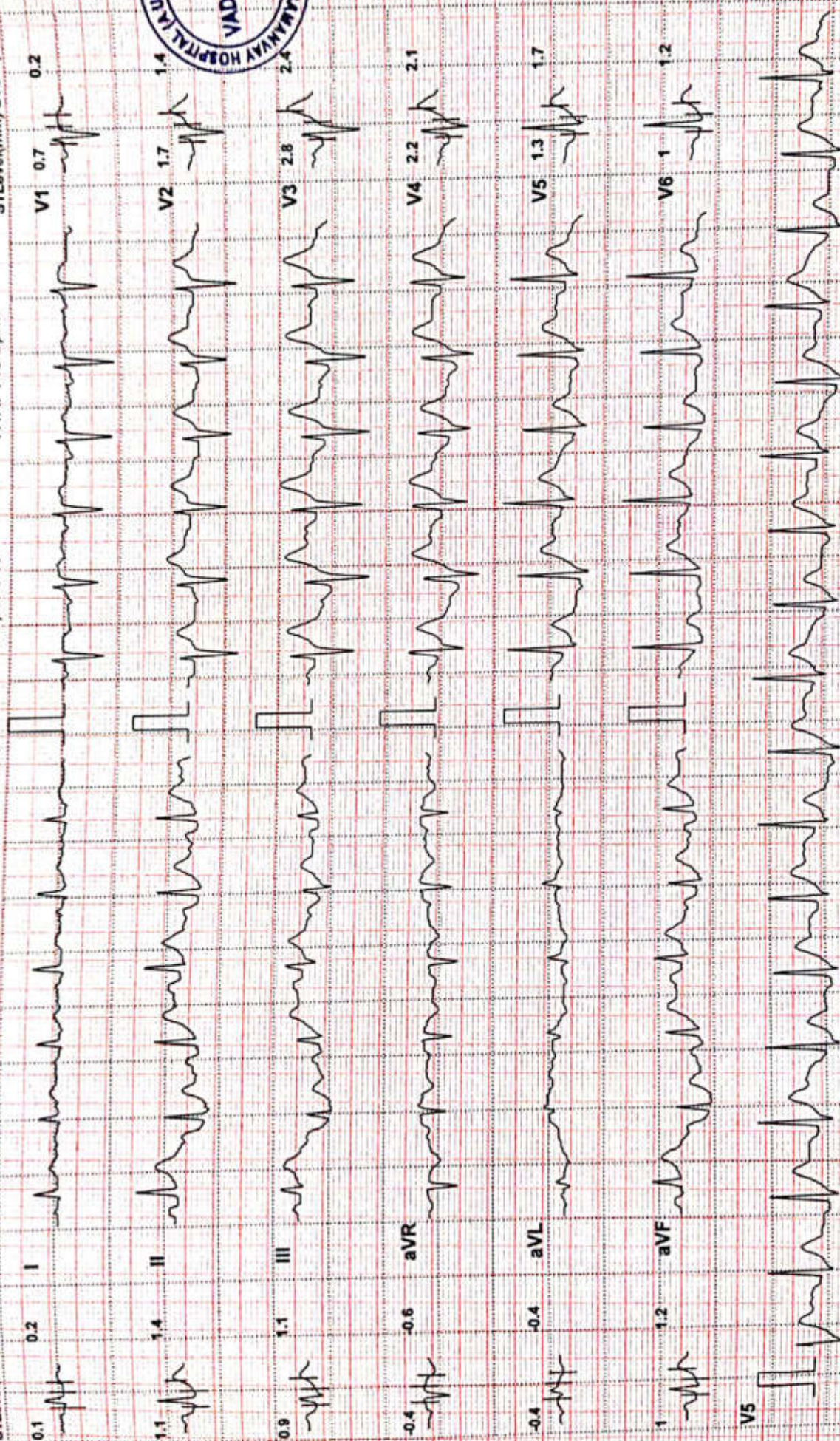
Stage Time : 01:00

THR: 146 bpm

HR: 113 bpm

BP: 170/90 mmHg

STLevel(mm) STSlope(mV/s)



SAMANVAY HOSPITAL VADODARA

AMIT SHAH (48 M)

ID: 9527

Date: 20-06-2024

Exec Time : 00:00

Stage Time: 01:00

HR: 103 bpm

Bruce Protocol

Stage: Recovery3

Speed: 0 kmph

Slope: 0 %

THR: 146 bpm

BP: 150/80 mmHg

STLevel(mm) STSlope(mV/s)

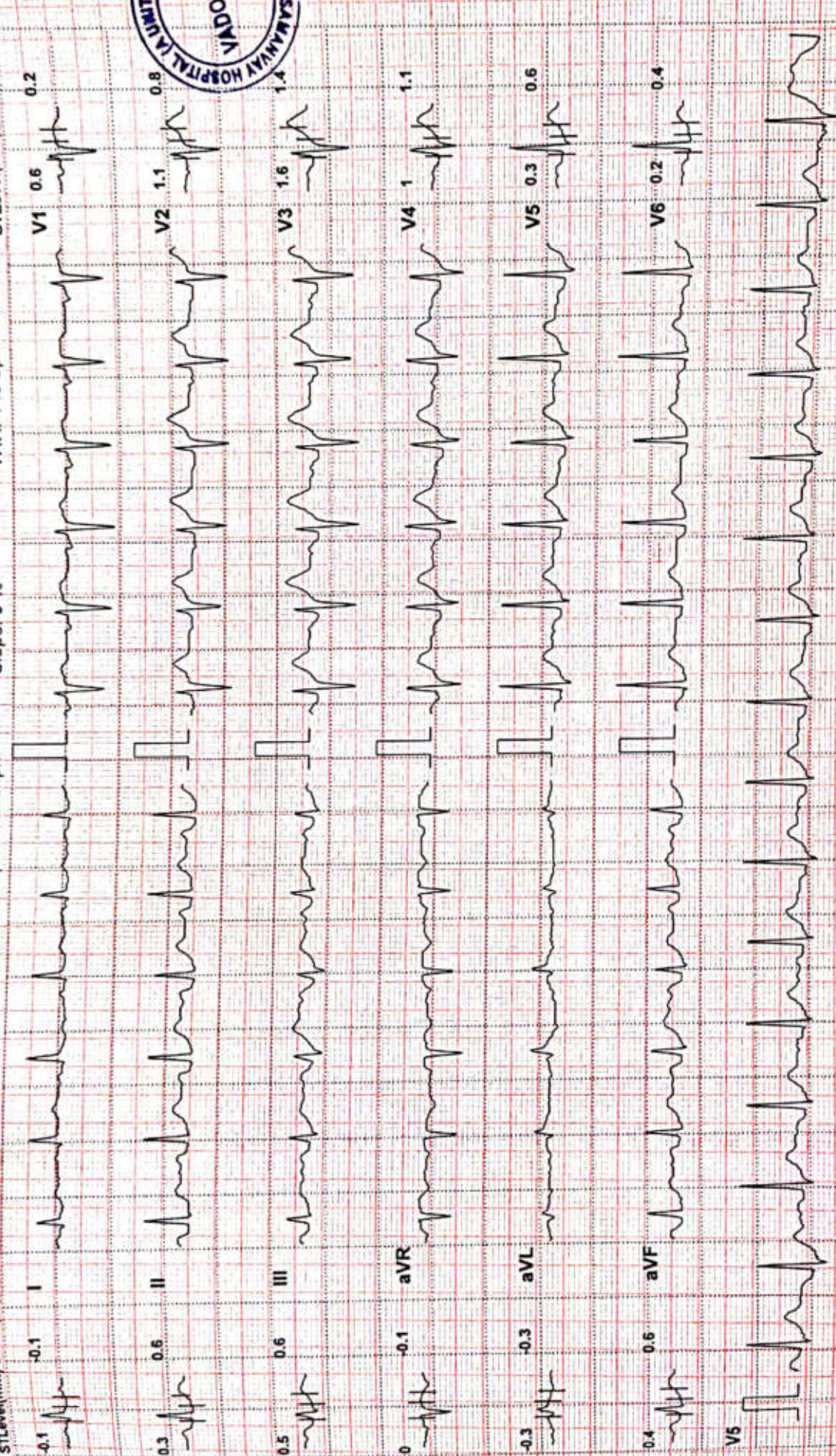


Chart Speed: 25 mm/sec Amplitude: 10mm/mV Filter: 35 Hz Mains Filter: ON ISO = R - 60 ms, J = R + 60 ms, Post J = J + 80 ms Schiller Cardiovit CS-10 Version:3.4

SAMANVAY HOSPITAL VADDARA

Date: 20-06-2024 Time: 11:52

Name: **AMIT SHAH**

Age: 48 Gender: M

Height: 168 cms

Weight: 73 Kg

ID: 9527

Clinical History:

Medications:

Test Details:

Protocol: Bruce

Exercise Time: 0:09:19

Max BP: 170/90

Test Termination Criteria:

Predicted Max HR: 172

Achieved Max HR: 161 (94% of Pr. MHR)

Max BP x HR: 27370

Target HR: 146 (85% of Pr. MHR)

Max Mets: 10.5

Protocol Details:

Stage Name	Stage Time	METS	Speed kmph	Grade %	Heart Rate bpm	BP mmHg	RPP	ST Level mm	ST Slope mV/S
Standing	03:03	1	0	0	78	120/80	9360	1.5 V3	0.8 V3
PreTest	03:08	1	1.6	0	91	120/80	10920	1.6 V3	0.9 V3
Stage: 1	03:00	4.7	2.7	10	118	120/80	14160	1.6 V3	1.4 V3
Stage: 2	03:00	7	4	12	143	140/90	20020	2.3 V3	1.8 V3
Stage: 3	03:00	10.1	5.5	14	157	150/90	23550	2.1 V3	2.5 V3
Peak Exercise	00:19	10.5	6.8	16	161	150/90	24150	1.6 V3	2.2 V3
Recovery1	01:00	1	0	0	136	150/90	20400	3.3 V3	2.4 V3
Recovery2	01:00	1	0	0	113	170/90	19210	2.8 V3	2.4 V3
Recovery3	01:00	1	0	0	103	150/80	15450	1.6 V3	1.4 V3
Recovery4	00:05	1	0	0	103	150/80	15450	1.6 V3	1.4 V3

Interpretation

The Patient Exercised according to Bruce Protocol for 0:09:19 achieving a work level of 10.5 METS. Resting Heart Rate, initially 78 bpm rose to a max. heart rate of 161bpm (94% of Predicted Maximum Heart Rate). Resting Blood Pressure of 120/80 mmHg, rose to a maximum Blood Pressure of 170/90 mmHg

- Poor Efforts tolerance (99% THP T 10.5 METS Achieved)
 - No ST-t changed during exercise or recovery

Ref. Doctor: ---

Doctor: DR.PAVAN ROY

DR. PAVAN ROY
 MD, DM (CARDIOLOGY)
 CONSULTANT CARDIOLOGIST
 M. No. 93059475

SCHILLER

Test is Negative For Inducible Ischemia



SAMANVAY HOSPITAL, VADODARA

AMIT SHAH (48 - M)

Clinical History :

Medications :

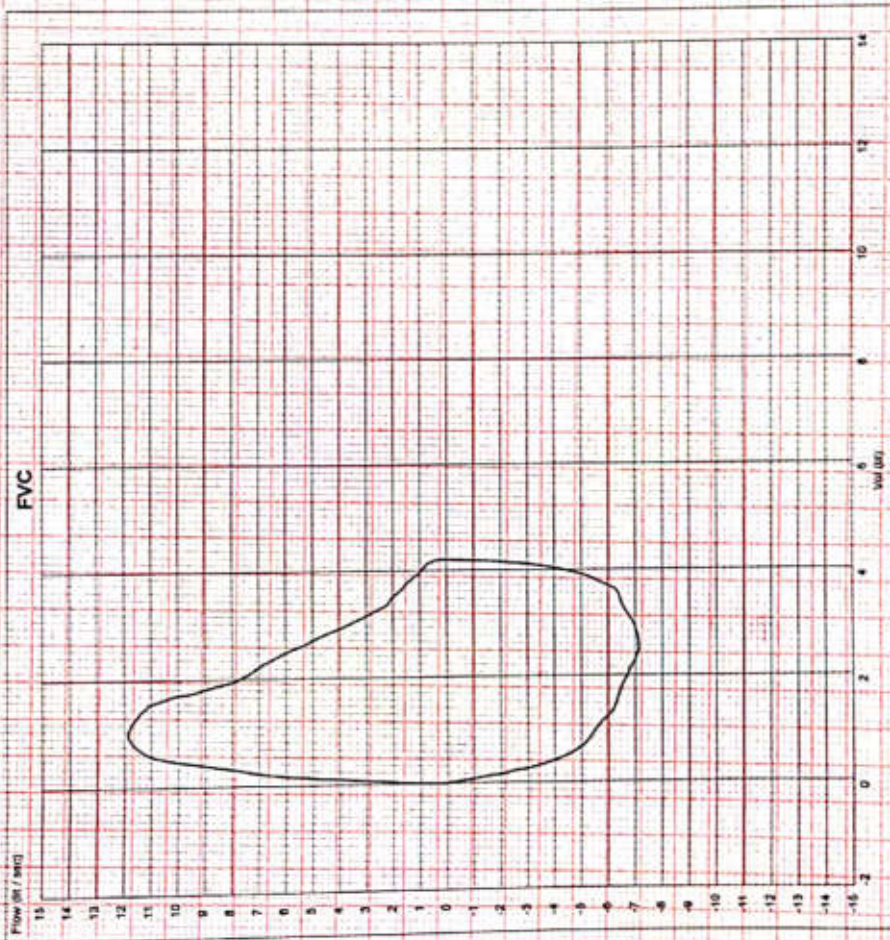
ID: 80289

Date: 20-06-2024
Time: 11:37:57

Height: 168 cms
Weight: 73 Kgs

Ethnic: Asian
Norm: Indian

Best Report



Params	Pred	Best Effort	Pre Best Value	% Pred
FVC (L)	3.38	4.21	4.21	124.6
FEV 0.5 (L)	—	3.24	3.24	—
FEV 1.0 (L)	2.51	4.03	4.03	160.6
FEV 3.0 (L)	3.13	0	0	0.0
FEV 0.5 / FVC (%)	—	77.09	77.09	—
FEV 1.0 / FVC (%)	78.05	95.78	95.78	122.7
FEV 3.0 / FVC (%)	—	0	0	—
FEF 25% - 75% (L/s)	2.56	6.8	6.8	265.6
FEF 75% - 85% (L/s)	—	2.39	2.39	—
FEF 25% (L/s)	—	11.83	11.83	—
FEF 50% (L/s)	3.26	7.43	7.43	227.9
FEF 75% (L/s)	1.07	3.07	3.07	286.9
FEF 0.2 - 1.2 (L/s)	—	10.23	10.23	—
PEF (L/s)	7.17	11.83	11.83	165.0
FMFT (s)	—	0.32	0.32	—
FVC (L)	—	4.51	4.51	—
FIV1 (L)	—	0	0	—
FIV1/FVC (%)	—	0	0	—
FIV1/FVC (%)	—	0	0	—
PIF (L/s)	—	7.14	7.14	—
FIF 50% (L/s)	—	6.82	6.82	—

Dr Parth S Shah
MBBS, MD (Respi. Med.)
Chest physician
G-18840
DR PARTH SHAH

Version: 2.1

(c) Schiller Health Care (I) Pvt. Ltd.

Ref. By: —



SINUS RHYTHM
 NON SPECIFIC ST-T ABNORMALITY (ELEVATION)
 OTHERWISE NORMAL ECG

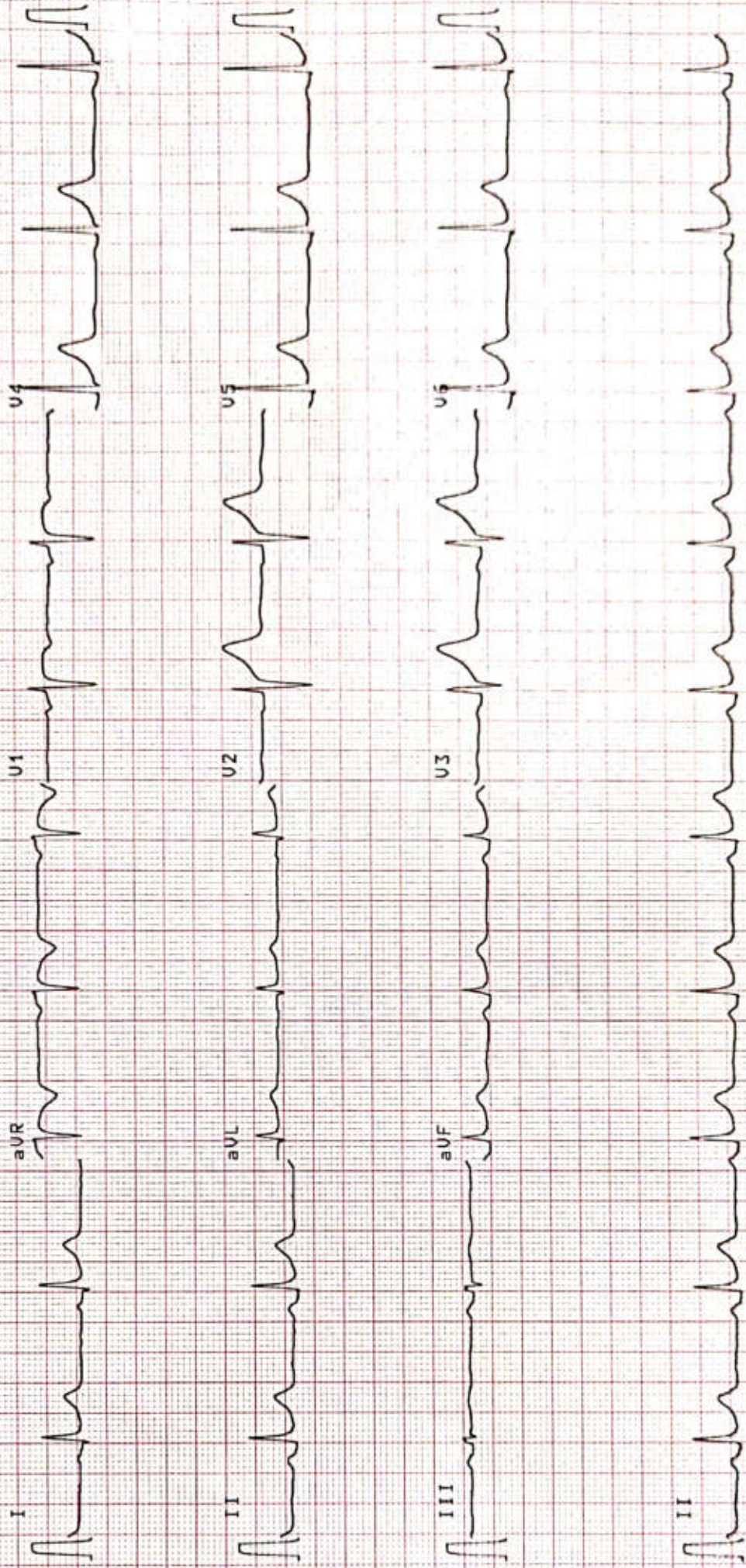
UNCONFIRMED REPORT

DR. PAVAN ROY
 MD, DM (CARDIOLOGY)
 CONSULTANT CARDIOLOGIST
 NO. G-23390
 M. NO. 9305998159

10 mm/mV

HR 60/min
 Axis: P 52°
 QRS 43°
 T 36°
 Intervals:
 RR 1005 ms
 P 106 ms
 PR 168 ms
 QRS 82 ms
 QT 390 ms
 QTc 390 ms
 Sokol. 2.75 mV

Name: Amit Shah
 Age: ...
 Sex: Male
 Weight: ... kg



10 mm/mV

25 mm/s

Patient

ID
Name
Birth Date
Gender

20062024-093123AM
AMIT SHAH M/48Y

Exam

Accession #
Exam Date
Description
Operator

20-06-2024



AMIT SHAH

M /48 YEARS

DATE: 20/06/2024

REAL TIME SONOGRAPHY OF THE ABDOMEN & PELVIS

LIVER - It is normal in size (13.9 cm). It shows echo pattern. No evidence of solid or cystic focal lesion is seen. The intrahepatic biliary system is normal and shows no dilatation of the radicles. The portal vein, CBD and hepatic veins appear normal.

GALL BLADDER - It is distended and appears normal. No evidence of sludge or calculus is seen. The wall appears normal.

PANCREAS - It is visualized and appears normal.

SPLEEN - It appears normal in size (8.9 cm), normal in shape and echotexture. No focal lesions.

KIDNEYS - . Both the kidneys appear normal in size, shape and show normal corticomedullary differentiation. Normal echogenicity of both kidneys.

Right kidney measures 10.1 X 4.0 cm. Left kidney measures 9.0 X 5.0 cm.

No hydronephrosis or calculus is seen on either side.

Urinary bladder is distended and appears normal no evidence of any calculus or mass lesion.

Prostate appears normal in size and echo texture, volume: 16 cc.

No evidence of any lymphadenopathy or ascites is noted.

IMPRESSION:

NO SONOGRAPHIC ABNORMALITY IS DETECTED.



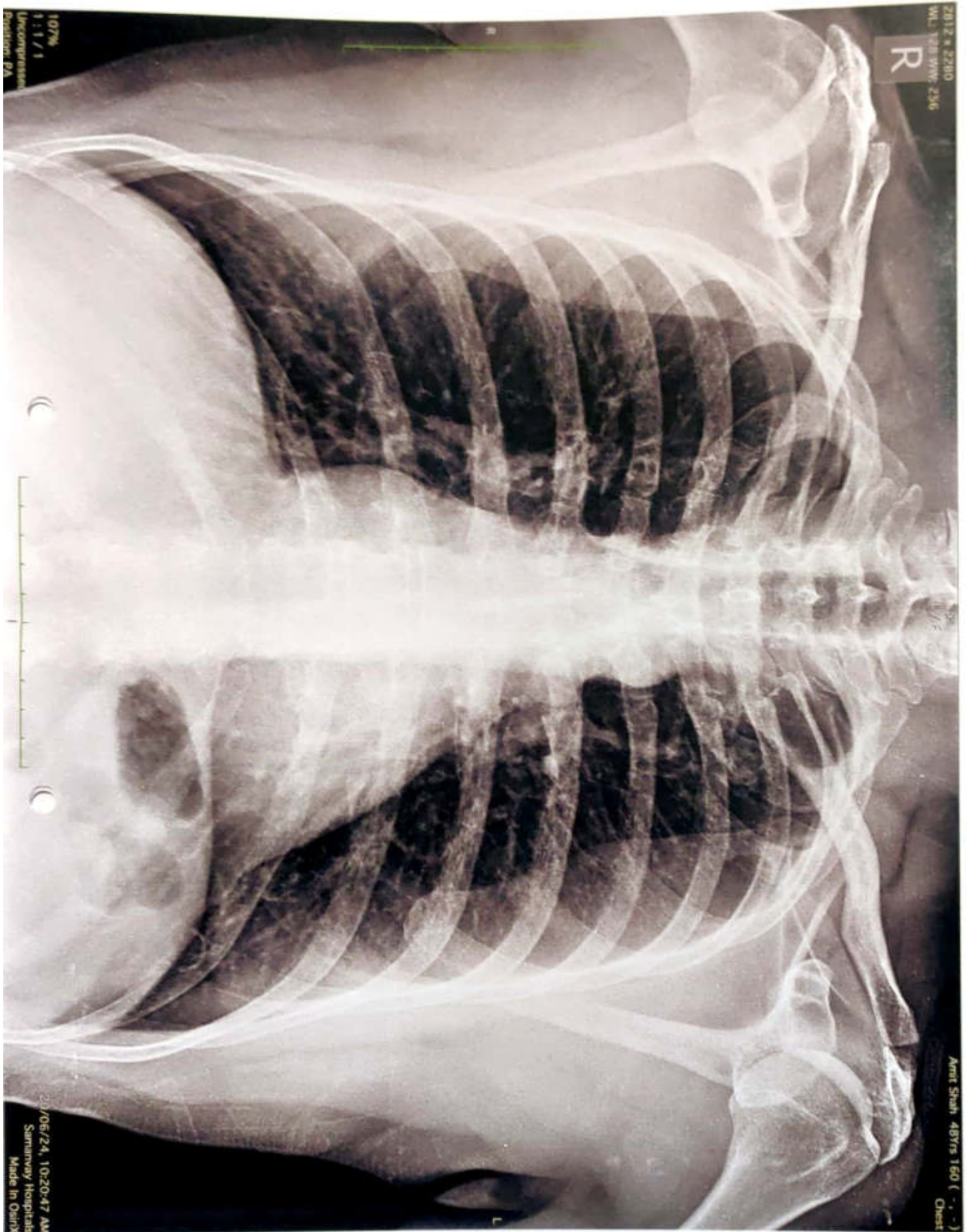
**DR. SARJAN VASAVA,
CONSULTANT RADIOLOGIST.**

DR SARJAN VASAVA
M.B.B.S., D.M.R.D.
Reg. No. G-26527
SAMANVAY HOSPITALS



Amit Shah m/48y

20-06-24



107%
1:1/1
Uncompressed
Position: PA

2012 x 2280
WL: 128 WVC: 236
R

Amit Shah 48Yrs 160 (- , -)
Chest

20/06/24, 10:20:47 AM
Samarany Hospitals
Made in Qatar

DATE:20-06-24
AMIT SHAH
48 YEARS/MALE

CHEST X RAY PA VIEW

Both the lung fields appear normal.

Both costophrenic angles appear clear.

Cardiac silhouette appear normal.

Both hila appears normal.

Bony thorax appears normal.

No evidence of free gas seen under dome of diaphragm.

COMMENTS:

- NORMAL BOTH LUNG FIELDS.
- NORMAL CARDIAC SIZE.



DR SARJAN VASAVA,
CONSULTANT RADIOLOGIST.

DR SARJAN VASAVA
M.B.B.S., D.M.R.D.
Reg. No. G-26527
SAMANVAY HOSPITALS



Dental



**SAMARVAY
HOSPITALS**
Healing Hands, Caring Hearts



MR. Amit shah

Op: Regular dental check-up .

O/E : ~~NA~~

Adv : follow-up every 6 months .



EYE CHECK UP

Reg. No. : _____ Date : 20/6/24
 Name : Mr Amit Shah Age / Sex : 48/M

	RIGHT EYE	LEFT EYE
DISTANCE : (With / Without Glasses)	6/6 ± 0.5 x 140'	6/6
NEAR VISION : (With / Without Glasses)	N.G with Add of H ₂ S	N.G with Add of +1.5
ANTERIOR SEGMENT :	well	well
IOP (MM of Hg)	16.0	16.0
FUNDUS :	well	well
COLOR VISION :	well	well
CLINICAL IMPRESSION :	refractive error	
ADVICE :	gem	

Doctor's Signature : _____



□

ENT CHECK UP

Case No. : _____ Dose : 20/06/24

Name : MR. Amit shah Age / Sex : 48 / m

GENERAL EXAMINATION : Nad

EAR : BIL TM Intact

NOSE : Nad

THROAT : Nad

ADVICE : Rx su

Doctor's Signature



COMPREHENSIVE HEALTH CHECK UP

Case No. : _____ Date : 20/6/24

Name : Mr. Amit Ghah Age/Sex : 48/M

MEDICAL HISTORY : 90 lower abdominal pain
- low backache

PERSONAL HISTORY : None

Appetite : (N) Smoking : -

Sleep : (N) H/O Alcohol : -

Bladder : (N) Lifestyle : -

Bowel : (N) Exercise : -

DRUG HISTORY : _____

PAST HISTORY : None

FAMILY HISTORY : None

GENERAL PHYSICAL EXAMINATION :

Built and Nourishment :

Height : 168 cm
 B.P. : 110/70 mm of Hg Weight : 73.7 Kg
 Character : (N) ; Pulse : 65 / Min
 Nails : (N) Odema : None
 Tonsils : (N) Skin : (N)
 Tongue : (N) Sclera : (N)
 Eat. & Joints : (N) Glands : (N)



Also
 (10) } - Tb. Prognosis - M (7)
 - Uprive - 23 (60,000 IU) once a wk x (6) doses

Diet



SAMANVAY HOSPITALS
Healing Hands, Caring Hearts



Ht - 168 cm
wt - 73.7 kgs
BMI - 26.0
IBW - 74.8

MR. Amit Shah

Early morning Empty stomach
અગાઉ ભૂખા પેટે - 8-10 દાળા ઠોઠી રાંધે પાનની અથવા શોડુ ઉડાણ (5min)
ગાળીને પીવું.

નાસ્તા (8-8:30am) - અઠવાડિયામાં 4 દિવસ (બાકીનું કોમ / કુખાપેલા કોમ)
અઠવાડિયામાં 3 દિવસ (મમલા / ખાખરા / ખેંચા / ઊખા / યાદ / ઘાંજા / મમલા / મકાઈના અમલા)

ભાપે (1-1:30pm) - રોટલી - 2-3
દાળ - 1 મોટી પાટી
ભજ (અઠવાડિયામાં 2 દિવસ) / મોરેલા / ડોહરી / દરિયા
શાક - 1 મોટી પાટી - બરાબ પવનું
જીરું - 1 ઝાકત
અભાડ - 1 પાટી

ખાંચ (3-3:30pm) - કમ (મીઠું / કીચી / ખાંચું સિલકા / નારંગી)

રાંધે (4-4:30) - રોટલો + શાક / ઉડાણ / ઢોસા / દાંડની / મૂઠીવા / દહીયા ખીચડી / અગના પૂડા / લેગુદેવાન ખીચડી + ઢી.

શું ન ખાવું!

- ખાંડ
- મેંદા
- લેપાઈ કુખા ખાંચું
- શાકી & કોલ્ડ ડ્રીન્ક્સ
- મજાનો પદાર્થ
- ઉંચું, પકડી, સિલકા, ચુગીડા

- અંબેડકર, શીડરોડ ન લેવો.
- કમ-કેલા / ચીત્રું / સીનાકુખ ન ખાવો.




Vasna Main Road,
Opp Raneshwar Temple, Vadodara.

info@samanvayhospital.com

Ph: +91 88820 82082

Patient Name : MR. AMIT SHAH
Age / Sex : 48Y/Male
IP/Req.No/UHID : Req-10853 /UHID10853
Lab No : LA24004697
Referred By : Dr.SAMANVAY HOSPITAL
Bedcategory/Bed :
Mobile No : 9824503799
UHID : UHID10853
Consultant : Mr. Samanvay Hospital
Sponsor : **MEDIWHEEL**
Barcode No. : **26896.26897.26898.26899**

Bill No : OPB/1/24/3845
Sample Collected : Jun 20 2024 11:13AM
Sample Received : Jun 20 2024 11:15AM
Report On : Jun 20 2024 11:22AM
Bill Creation Date: Jun 20 2024 11:05AM
Bar Code : 
Req No : Req-10853
IPNo :
Passport No. :
Verified On :

Test Name	Results	Units	Biological Reference
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BIOCHEMISTRY

BUN CREATININE RATIO(CALCULATED)	↓ 7.09	mg/dl	10.0 - 20
SGOT/SGPT RATIO(CALCULATED)	1.19	U/L	0.0 - 2.0
CALCIUM (TOTAL)(ARSENAZO)	↑ 10.4	mg/dl	8.6 - 10.2
PHOSPHOROUS	3.28	mg/dl	2.5 - 4.5

MICRO

URINE ANALYSIS

PHYSICAL EXAMINATION

VOLUME	30 ML
COLOUR	PALE YELLOW
APPEARANCE	CLEAR

CHEMICAL EXAMINATION

PH	6.0		4.5 - 8.0
SPECIFIC GRAVITY	1.025		1.000 - 1.030
PROTEIN	Negative		
GLUCOSE	Negative		
KETONE	Negative		
BLOOD	Negative		
UROBILINOGEN	Negative		
BILE PIGMENTS	Negative		
BILE SALT	Negative		
NITRITE	Negative		
LEUKOCYTE ESTERASE	Negative		

MICROSCOPIC EXAMINATION

PUS CELLS	0--1	CELLS/HPF	0 - 5
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Mr. Sandip Rathva

Prepared by

Verified By

Nr. St. Kabir School, Opp. Raneshwar Temple, Vasna Road, Vadodara-15

Patient Name : MR. AMIT SHAH
Age / Sex : 48Y/Male
IP/Req.No/UHID : Req-10853 /UHID10853
Lab No : LA24004697
Referred By : Dr.SAMANVAY HOSPITAL
Bedcategory/Bed :
Mobile No : 9824503799
UHID : UHID10853
Consultant : Mr. Samanvay Hospital
Sponsor : **MEDIWHEEL**
Barcode No. : **26896.26897.26898.26899**

Bill No : OPB/1/24/3845
Sample Collected : Jun 20 2024 11:13AM
Sample Received : Jun 20 2024 11:15AM
Report On : Jun 20 2024 11:22AM
Bill Creation Date: Jun 20 2024 11:05AM
Bar Code : 
Req No : Req-10853
IPNo :
Passport No. :
Verified On :

Test Name	Results	Units	Biological Reference
RBC	NIL	RBC'S/HPF	0 - 2
EPITHELIAL CELLS	0--1	OCC/HPF	0 - 5
CASTS	NIL		
CRYSTALS	NIL		
BIOCHEMISTRY			
FASTING BLOOD GLUCOSE*			
FASTING BLOOD GLUCOSE(FBS)(GOD-POD)	↑ 104.8	mg/dl	74.0 - 100.0
FASTING URINE GLUCOSE	NIL		
HPLC			
HBA1C/ GLYOCO HB			
GLYCOCYLATED HAEMOGLOBIN(HBA1C)(HPLC)	5.6		4.0 - 6.0
AVERAGE BLOOD SUGAR	114.0	mg/dl	0 - 140.0
IMMUNOLOGY			
T3 T4 TSH			
TOTAL T3(CHEMILUMINESCENCE / CLIA)	1.45	ng/ml	0.19 - 6.51
TOTAL T4(CHEMILUMINESCENCE / CLIA)	<7.0	ug/dl	4.5 - 12.7
TSH(CHEMILUMINESCENCE / CLIA)	2.40	μIU/mL	0.35 - 4.78

Interpretation : 1. TSH results between 4.5 to 15.0 show considerable physiologic and seasonal variation, suggest clinical correlation or repeat testing with fresh sample.
2.TSH results between 0.1 to 0.45 requires correlation with patient age and clinical symptoms. As with increasing age, there are marked changes in thyroid hormone production, metabolism and its action resulting in an increase prevalence of sub-clinical thyroid disease.
3. TSH values may be transiently altered because of non- thyroidal illness like severe infections, liver diseases, renal and heart failure, severe burns, trauma and surgery etc.
4.Drugs that decreased TSH values e.g. L-dopa, glucocorticoid. Drugs that increase TSH values e.g .Iodine, Lithium and amiodarone.

BIOCHEMISTRY

LIPID PROFILE


Mr. Sandip Rathva

Prepared by

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Test Name	Results	Units	Biological Reference
CHOLESTROL (TOTAL)(CHOD-PAP)	190.0	mg/dl	0.0 - 200.0 Desirable blood cholesterol : <200 mg/dl Borderline high blood cholesterol : 200-239 mg/dl High blood cholesterol : >239 mg/dl
TRIGLYCERIDE(GPO-METHOD)	76.2	mg/dl	0 - 161.0 NORMAL : <161 MG/DL HIGH : 161-199 MG/DL HYPERTRIGLYCERIDEMIC : 200-499 MG/DL
HDL CHOLESTEROL(DIRECT METHOD)	50.4	mg/dl	35.3 - 79.5
CHOLESTROL (TOTAL)/HDL RATIO(CALCULATED)	3.76		3.30 - 4.40
VLDL	15.2		0 - 30.0
LDL CHOLESTEROL(CALCULATED)	↑ 139.0		0 - 130.0
LDL/HDL RATIO	2.76		
URIC ACID	6.6	mg/dl	3.5 - 7.2
BUN(UREASE-GLDH)	7.80	mg/dl	5.0 - 21.0
CREATININE (BLOOD)(ENZYMATIC)	1.10	mg/dl	0.7 - 1.3
LIVER FUNCTION TEST			
BILIRUBIN-TOTAL(DIAZO)	1.07	mg/dl	0.00 - 2.0
BILIRUBIN-DIRECT(DIAZO)	↑ 0.50	mg/dl	0.00 - 0.4
BILIRUBIN-INDIRECT(DIAZO)	0.57	mg/dl	0.00 - 1.10
SGOT(IFCC WITHOUT PYRIDOXAL PHOSPHATE)	24.2	U/L	0 - 35
SGPT	20.2	U/mL	0 - 45
ALKALINE PHOSPHATASE(ALKP04)* (AMP-METHOD)	55.0	U/L	53 - 128


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Test Name	Results	Units	Biological Reference
PROTEIN (SERUM)(BIURET)	6.68	g/dl	6.4 - 8.3
ALBUMIN(BCG)	4.44	g/dl	3.5 - 5.2
GLOBULIN(CALCULATED)	↓ 2.24	g/dl	2.3 - 3.7
A/G RATIO(CALCULATED)	1.98	Ratio	1.0 - 2.0
GAMMA GT(GLUPA C METHOD)	17.3	U/L	0.0 - 58.0

IMMUNOLOGY

VITAMIN B 12(CHEMILUMINESCENCE / CLIA)	291.68	pg/mL	180.0 - 914.0
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- Interpretation :
- Vitamin B12 levels are decreased in megaloblastic anemia, partial/total gastrectomy, pernicious anemia, peripheral neuropathy , chronic alcoholism, senile dementia and treated epilepsy.
 - An associated increase in homocysteine level in an independent risk marker for cardio vascular disease and deep vein thrombosis.
 - Holo transcobalamin II levels are more accurate marker of active Vitamin B 12 component.

HEMATOLOGY

CBC WITH ESR

RBCS PARAMETER

HAEMOGLOBIN(SLS METHOD)	14.8	g/dl	13.0 - 17.0
RBC COUNT(IMPEDENCE)	5.04	10 ⁶ /uL	4.50 - 5.50
PCV (HEMATOCRIT)(IMPEDENCE)	43.9	%	40.0 - 50.0
MCV(CALCULATED)	87.1	fl	80.0 - 100.0
MCH(CALCULATED)	29.4	pg	27.0 - 33.0
MCHC(CALCULATED)	33.7	g/dl	32.0 - 36.0
RDW-CV(PARTICLE COUNTER(CALCULATED))	12.8	%	11.6 - 14.0
RDW-SD(PARTICLE COUNTER(CALCULATED))	41.5	fl	39 - 46

WBCS PARAMETER

TOTAL COUNT(FLOW CYTOMETRY)	6680	/uL	4000 - 10000
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DLC

NEUTROPHILS(FLOW CYTOMETRY)	59	%	40 - 70
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Test Name	Results	Units	Biological Reference
LYMPHOCYTES(FLOW CYTOMETRY)	34	%	20 - 40
MONOCYTES(FLOW CYTOMETRY)	04	%	2 - 8
EOSINOPHILS(FLOW CYTOMETRY)	03	%	1 - 4
BASOPHILS(FLOW CYTOMETRY)	00	%	0.0 - 1.0
ABSOLUTE NEUTROPHIL COUNT(CALCULATED)	3920.0	10 ³ /uL	2000.0 - 7000.0
ABSOLUTE LYMPHOCYTE COUNT(CALCULATED)	2250.0	10 ³ /uL	1000.0 - 3000.0
ABSOLUTE MONOCYTE COUNT(CALCULATED)	207.0	10 ³ /uL	200.0 - 1000.0
ABSOLUTE EOSINOPHIL COUNT(CALCULATED)	220.0	10 ³ /uL	20.0 - 500.0
PLATELETS PARAMETER			
PLATELET COUNT(IMPEDENCE)	222000	/uL	150000 - 450000
MPV(IMPEDENCE)	10.1	fl	8.0 - 13.0
PDW(IMPEDENCE)	11.1	fl	9.0 - 17.0
ESR	11	mm/hr	0 - 20
BLOOD GROUP RH	"B" POSITIVE		

-----End of the Report-----

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