



Appendix 32: EX1 Form (Initial Examination Report)

INITIAL EXAMINATION REPORT (MEDICAL – CONFIDENTIAL)

Petroleum Development Oman
MEDICAL DEPARTMENTPLEASE COMPLETE YOUR PERSONAL
DETAILS IN BLOCK CAPITALSSurname: Sandhu
Forenames: Sampuran Singh
Address: _____Place of examination: NMC AL HAM Date: 29/03/24 Home telephone number: _____

If a dependant enter employee's name here:

Surname: _____ Forename: _____

Birth date: 04/05/1974 Nationality: Indian Country of birth: India Religion: Sikh
☐ Male ☐ Female ☒ Married ☐ Single ☐ Separated / Divorced
 Relationship to employee: ☐ Wife ☐ Son ☐ Daughter
 Number of children: 2
Reason for examination: Pre-Employment ☐ Job: operation CoordinatorPre-Overseas ☐ Area: Muscat

Name and address of family doctor: _____ List your last 3 jobs:

(1) _____

(2) _____

Are you a Registered Disabled Person? (UK only) ☐ Do you belong to any Medical Insurance Scheme? ☐

DO YOU HAVE OR HAVE YOU HAD (Tick "Yes" or "No" column or put a (?) if uncertain include minor ailments)

	Y	N		Y	N		Y	N
1. Sinus trouble			21. Cancer			HAVE YOU EVER BEEN:-		
2. Neck swelling/glands		N	22. Heart Disease		N	40. Rejected for employment or insurance for medical reasons		N
3. Difficulty in vision		N	23. Rheumatic fever		N	41. Awarded benefits for industrial injury/illness		N
4. Any ear discharge		N	24. Abnormal heartbeat		N	42. Treated for a mental condition, e.g. depression		N
5. Asthma/bronchitis		N	25. High blood pressure		N	43. Treated for problem drinking or drug abuse		N
6. Hayfever / other significant allergy		N	26. Stroke		N	44. Exposed to toxic substance or noise		N
7. Any skin trouble		N	27. Serious chest pain		N	FOR WOMEN ONLY		
8. Tuberculosis		N	28. Any blood disease		N	Have you ever had:-		
9. Shortness of breath		N	29. Kidney disease		N	45. An abnormal smear		
10. Coughed/vomited blood		N	30. Blood in urine		N	46. Any gynaecological treatment		
11. Severe abdominal pain		N	31. Diabetes		N	47. Are you pregnant?		
12. Stomach ulcer		N	32. Headaches/migraine		N	48. HAVE YOU HAD AN ILLNESS NOT MENTIONED ABOVE		
13. Recurrent indigestion		N	33. Dizziness/fainting		N			
14. Jaundice or hepatitis		N	34. Epilepsy		N			
15. Kid/Bladder disease		N	35. Joint/muscle trouble		N			
16. Marked change in bowel habits		N	36. Surgical operation		N			
17. Blood in stool (matters)		N	37. Serious accident/fracture		N			
18. Marked change in weight		N	38. Tropical disease		N			
19. Varicose veins		N	39. Fear of heights		N			
20. Lump in breast/armpit		N						

How much tobacco each day? _____ Average daily alcohol consumption: _____

Have you ever taken illicit drugs? () PDO test all new/potential employees for illicit/recreational drugs

FAMILY HISTORY: Diabetes () Tuberculosis () Epilepsy () Asthma () Eczema ()
Heart disease () High blood pressure () Stroke () Blood Disease () Cancer ()

PLEASE READ THE FOLLOWING STATEMENT AND IF YOU AGREE KINDLY SIGN IT:-

I declared these statements to be true to the best of my knowledge and belief and I agree that the result of this medical examination in general terms may be revealed to the Company if required, and the details sent to my own doctor if this is considered necessary by the examining medical officer. I am also aware that PDO reserve the right to dismiss me if it was found that I have purposely withheld important medical information.

Date: 23/03/24 Signature of Applicant: _____

DEPARTMENT OF LABORATORY MEDICINE

File No: 50117064	Report No: 0115854
Name: SAMPURAN SINGH SANDHU	Sample Date: 23/03/2024 Time: 10:13
Address:	Received By:
Gender: M Age: 49 Y Nationality: INDIAN	Received Date: Time:
GSM No.: 96022365 ID Card No.: 112850123	Report Date: 23/03/2024 Time: 13:49
Ref By: DR ERFAN GHOKRIANI	Bill No: 0293603 Bill Date: 23/03/2024

INVESTIGATION	RESULT	REFERENCE RANGE
PDO PACKAGE ABOVE 40 YEARS		
RANDOM BLOOD SUGAR	7.86 mmol/L	4.11 - 7.9 mmol/L
CREATININE	78.00 μ mol/L	Adults: MALE: 62 - 106 μ mol/L FEMALE: 44 - 80 μ mol/L
SGPT (ALT)	29.70 U/L	MALE: up to 41 U/L FEMALE: up to 33 U/L
TOTAL WBC COUNT	$6.86 \times 10^3 / \mu$ L	4.00 - 11.00 $\times 10^3 / \mu$ L
DIFFERENTIAL COUNT		
NEUTROPHIL (%)	64.07 %	40-75%
LYMPHOCYTE (%)	25.99 %	20-45%
MONOCYTE (%)	6.22 %	2-8%
EOSINOPHIL (%)	2.36 %	1-5%
BASOPHIL (%)	1.36 %	0-1%
ERYTHROCYTE SEDIMENTATION RATE	35 mm/1st hr	MALE: 0-15 mm/ 1st hr FEMALE: 0-20 mm/ 1st hr
HAEMOGLOBIN	14.98 gm/dl	Male: 13 - 18 gm/dl Female: 11-15 gm /dl childrens upto 1 year-11.0 - 13.0 gm /dl upto 12 years-11.5 - 14.5 gm /dl cord blood: 13 -19.5 gm /dl
SICKLE CELL	NEGATIVE	
Method: Solubility test (If Positive , Hb Electrophoresis / HPLC to be done to confirm Sickle cell anaemia / Trait).		
URINE ROUTINE		
URINE BIOCHEMISTRY		
URINE GLUCOSE	NEGATIVE	NEGATIVE
URINE PROTEIN	NEGATIVE	NEGATIVE
URINE KETONE	NEGATIVE	NEGATIVE

Verified By:

Approved By:



10589

Lab Technologist

Specialist Pathologist

MOH License No: 17878
Electronically signed at: 3/21/2024 1:48:05

NMC Specialty Hospital, LLC
Doha, Qatar
P.O. Box 11111
Doha, Qatar

DEPARTMENT OF LABORATORY MEDICINE

File No: 50117664	Report No: 0115854	
Name: SAMPURAN SINGH SANDHU	Sample Date: 23/03/2024	Time: 10:13
Address:	Received By:	
Gender: M Age: 49 Y Nationality: INDIAN	Received Date:	Time:
GSM No.: 96022365 ID Card No.: 112850123	Report Date: 23/03/2024	Time: 13:40
Ref. By: DR ERHAN GHOODJANI	Bill No: 0293603	Bill Date: 23/03/2024

INVESTIGATION	RESULT	REFERENCE RANGE
URINE BILIRUBIN	NEGATIVE	NEGATIVE
NITRITE	NEGATIVE	NEGATIVE
URINE PH	6.5	4.6-8.0
SPECIFIC GRAVITY	1.015	1.010-1.030
BLOOD	NEGATIVE	NEGATIVE
UROBILINOGEN	NORMAL	NORMAL
URINE MACROSCOPY		
COLOUR	YELLOW	
APPEARANCE	CLEAR	
URINE MICROSCOPY		
RBC	NIL /hpf	0-3
WBC	1-2 /hpf	0-5
EPITHELIAL CELLS	0-1 /hpf	NIL
CRYSTAL	NIL /hpf	NIL
CAST	NIL /hpf	NIL
BACTERIA	NIL	NIL
MUCOUS THREAD	NIL	NIL
LIPID PROFILE		
TOTAL CHOLESTEROL	4.65 mmol/L	< 5.18 mmol/L
HDL	0.77 mmol/L	> 1.5 mmol/L
TRIGLYCERIDES	1.40 mmol/L	Desirable : < 2.083 mmol/L Borderline high : 2.83 - 5.67 mmol/L Hypertriglyceridemia > 5.65 mmol/L
LDL	3.44 mmol/L	< 2.6 mmol/L
VLDL	0.64 mmol/L	0.128-0.645mmol/L

Verified By:

Approved By:



10589

Lab Technologist

Specialist Pathologist

MOH License No: 17676
(Electronically signed by: 3/2/2024 14:03)

Phone: 011-27334188-1000



ID: 50W7654
50E
27yr. Male

UNIT: 10
DATE: _____
PAGE: _____
CLASS: _____
NAME: _____

395/400 35 52 5

[illegible]

UNCONFIRMED REPORT



Pulmonary Function Report

Subject Information

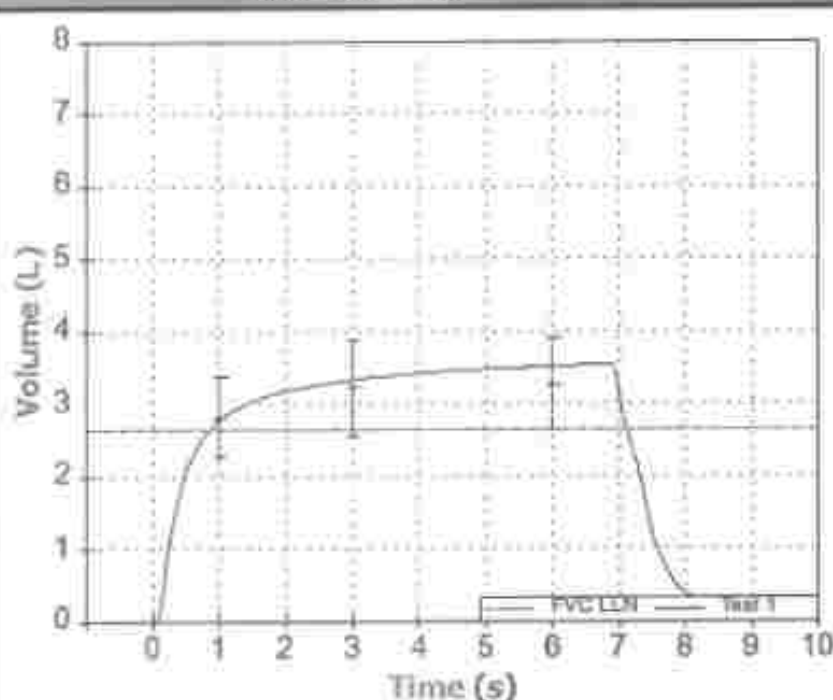
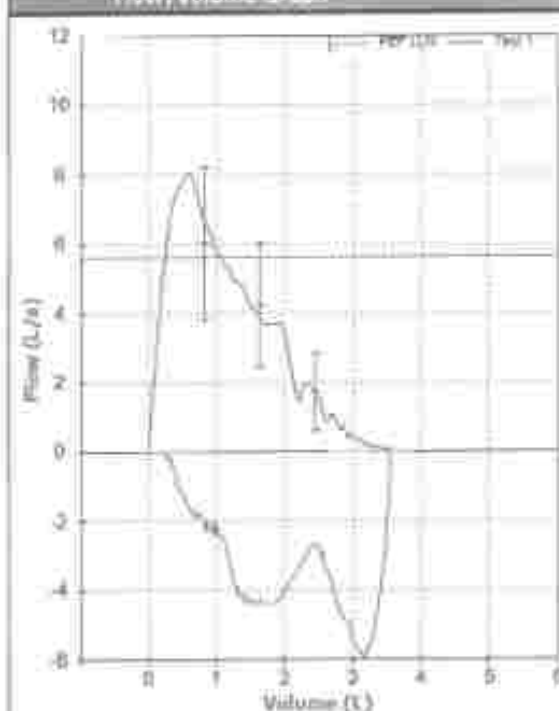
ID:	2024063_103258092	Alternate ID:	50117554	Middle Name:	Singh
Last Name:	Sandhu	First Name:	Sampuran	Date of Birth:	04/08/1974
Population:	Asian	Gender:	male	Weight:	91.0 kg
Age:	49	Height:	175 cm		
BMI:	29.4	Smoking:	Ex Smoker		

Test Session Information

Test Date:	23/03/2024 10:37	Device:	ALPHA Touch	Serial Number:	32168
No. of Tests:	2	Accuracy Chk:	30/05/2019 15:43	User:	Administrator
Pred. Values:	ERS 93	Pred. Factor:	90%	Posture:	Sitting

Flow/Volume Graph

Volume/Time Graph



Results

Parameter	Pred	LLN	Best	% Pred.	Z-Score
FVC (L)	3.27	2.63	3.55	109	0.72
FEV1 (L)	2.82	2.26	2.84	101	0.06
FEV1 Ratio	0.86	0.69	0.80	100	0.00
FEV6 (L)	3.27	2.63	3.52	108	0.64
PEF (L/min)	426	337	484	114	1.06
FEF25-75 (L/s)	3.45	2.05	2.65	77	-0.94

Values at NIFs, below lower limit of normal (LLN)

Session Quality and Reproducibility Information

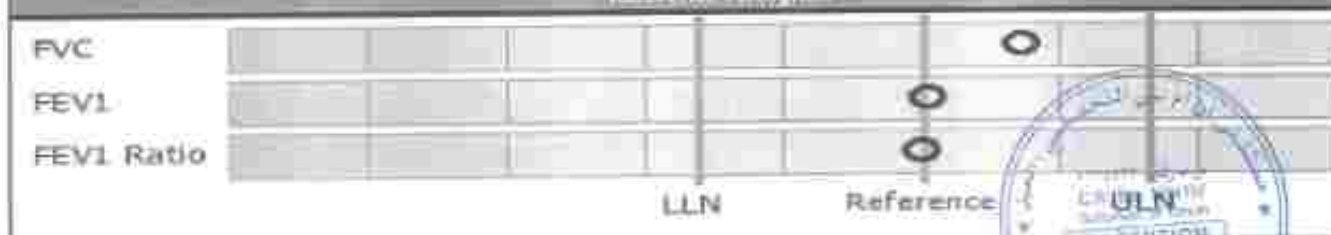
FVC Session Grade	FVC Rep:	FEV1 Rep:	Slow Start of test	End of test criteria not achieved	Cough detected in 1st second
C	0.14 L (3.9%)	0.00 L (0.0%)	0 blow(s)	1 blow(s)	0 blow(s)

Computer Supported Interpretation

Computer Interpretations cannot be relied upon for diagnosis. Normal ventilatory function.

Estimated Lung Age: 56 years

Reference Histogram



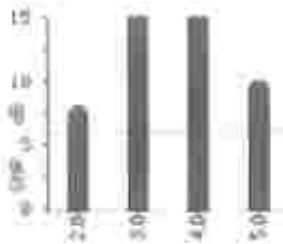
AUDIOMETRY REPORT

The Patient Sampuran Singh Sandhu
794 Sex M MRN 50117664 Date of Test 23/3/2024

U107.05
 23-MAR-24 10:51
 DP 4s 4 sec avg
 SN: G11005649 G12010484

NAME:

Left: Pass

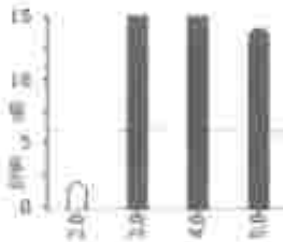


F2	L1	L2	DP	HF	SNR
2.0	11	12	12	13	11
3.0	14	15	15	15	15
4.0	15	15	15	15	15
5.0	15	15	15	15	15

U107.05
 23-MAR-24 10:51
 DP 4s 4 sec avg
 SN: G11005649 G12010484

NAME:

Right: Pass



F2	L1	L2	DP	HF	SNR
2.0	11	12	12	11	12
3.0	14	15	15	15	15
4.0	15	15	15	15	15
5.0	15	15	15	15	15



[Signature]
 Signature of the Technician

NMCOMAN/DOC/NSG/75



nmc specialty hospital,al-hail

P.O BOX : 613, Postal Code : 133
al-hail
24269222

Fitness Certificate

Empno:

Date of issue : 23/03/2024

Ref No : 0000054/FIT/NMC/2024

This is to certify that Mr. / Mrs. *SAMPURAN SINGH SANDHU* with file no *50117664* and Resident card no. *112850123* was *Examined* at *nmc specialty hospital,al-hail* on *23/03/2024* and will be *FIT TO WORK(MEDICALLY FIT)* from the medical point of view starting from *23/03/2024*

DIAGNOSIS

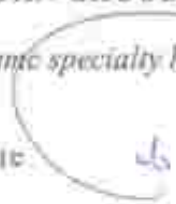
Remarks

TMT:NEGATIVE FOR ISCHEMIA

DR ERFAN GHOODJANI

Place: *nmc specialty hospital,al-hail*

Signature






(Hospital Seal)

SANDHU, SAMPURAN
50117664

Patient Information

3/23/2024 11:32:49 AM

Bruce

ID: 50117664 Second ID: Admission ID:

Date of Birth: Age: 40 Years Height: 176 cm Weight: 91 kg Gender: Male Race: Unknown

Indications: Medications: N/A

Referring Physician: DR ERFAN Location: NMC ALHAIL Procedure Type: TMT

Attending Phy: DR ERFAN Target HR: 145 bpm (85%) Reasons for end: ACHIEVED METS, Target HR
Technician: ANEESH Max HR(95%MPHR): 163 bpm (95%) Symptoms: NO CHEST PAIN

Diagnosis: Notes:

Conclusions
The patient was tested using the Bruce protocol for a duration of 08:34 min:ss and achieved 10.3 METs. A maximum heart rate of 163 bpm with a target predicted heart rate of 142 bpm was obtained at 07:40. A maximum systolic blood pressure of 212/97 was obtained at 05:29 and a maximum diastolic blood pressure of 182/98 was obtained at 02:31. A maximum ST depression of -0.7 mm in aVR occurred at 09:30. A maximum ST elevation of +1.5 mm in V3 occurred at 08:30. The patient reached target heart rate with appropriate heart rate and blood pressure response to exercise. No significant ST changes during exercise or recovery. No evidence of ischemia. Normal exercise stress test.

Reviewed by:

UNCONFIRMED REPORT



SANDHU, SAMPURAN
50117664

Exam Summary

3/23/2024 11:32:49 AM

Bruce

Summary

Exercise Time: 08:34
Leads with 100µV ST: V2, V3, V4
PVCs: 0
Duke Treadmill Score: 2

Max ST

ST elevation: 1.5 mm in V3 at 08:30
ST depression: -0.7 mm in aVR at 09:30

Max Values

Speed: 3.4 MPH HR: 163 BPM 95% of MPHR (171 bpm)
Grade: 14 % SBP: 212/97 mmHg
METs: 10.3 DBP: 182/98 mmHg
HR*BP: 30316 BPM * mmHg
ST/HR Index: 0.68 uV/bpm in III at 05:50

Max ST Changes

ST elevation change: 0.4 mm in V3 at 08:30
ST depression change: -1.1 mm in II at 07:00

STAGE SUMMARY

and/or are present, including the

	Speed (MPH)	Grade (%)	HR (BPM)	BP (mmHg)	METs	HR*BP	ST LEVEL (mm)											
							I	II	III	aVR	aVL	aVF	V1	V2	V3	V4	V5	V6
BP	0.0	0.0	80	142/103	-	11360	0.3	0.6	0.3	-0.5	-0.1	0.5	0.2	1.1	1.1	0.8	0.6	0.4
START EXE	0.0	0.0	90	-	1.3	-	0.3	0.6	0.3	-0.6	-0.1	0.5	0.2	1.1	1	0.7	0.5	0.3
BP	1.7	10.0	117	162/98	4.7	21294	0.3	0.7	0.3	-0.6	0	0.5	0.1	0.9	1.1	0.8	0.6	0.4
STAGE 1	1.7	10.0	123	-	4.7	-	0.4	0.6	0.2	-0.5	0.1	0.4	0.1	1.1	1.1	0.8	0.6	0.3
BP	2.5	12.0	143	212/97	7.1	36316	0.1	0.2	0	-0.3	0	0.1	0.1	0.7	0.6	0.3	0.1	0.1
STAGE 2	2.5	12.0	145	-	7.1	-	0.1	-0.3	-0.4	0	0.2	-0.4	0.4	0.8	0.6	0.3	0.1	0
BP	3.4	14.0	146	250/92	10.3	29930	0.2	0.6	0.5	-0.5	-0.2	0.6	0.3	1.3	1.4	0.9	0.6	0.4
Pause	3.4	14.0	144	-	10.3	-	0.3	0.9	0.5	-0.7	-0.2	0.7	0.2	1.3	1.5	1	0.7	0.4
Treadmill Stopped	0.0	0.0	143	-	10.3	-	0.3	0.9	0.5	-0.7	-0.2	0.7	0.2	1.3	1.5	1	0.7	0.4
BP	0.0	0.0	120	164/81	7.5	22080	0.1	0.7	0.5	-0.5	-0.2	0.6	0.4	1	1.2	0.8	0.5	0.3
BP	0.0	0.0	116	176/83	5.6	20646	0.1	0.4	0.3	-0.3	-0.2	0.4	0.4	1	0.9	0.5	0.2	0.1
BP	0.0	0.0	111	164/84	4.0	18204	0	0.2	0.1	-0.2	-0.1	0.2	0.4	0.8	0.7	0.3	0.1	0
END REC	0.0	0.0	107	-	3.1	-	0	0.1	0	-0.1	-0.1	0.1	0.4	0.5	0.3	0.2	0.1	0

6/10/2019 10:50 AM

MHC SPECIALTY HOSPITAL - ALBUQUERQUE

10



SANTHARAN S SANTHULU

070117

Finance

Exam Start: 1/23/2014 11:47:40 AM

Printed Time: 02/23/2004 11:37:31 AM

Date of birth:

Chen

What

02:59 EXER

02:59 STAGE-1

1.7 MPH

10.0%

RATE 123

BP 182/98

15:00-15:30



SAMPURAN S SANDHU

30117664

Boys

Exam Start: 3/23/2024 11:32:49 AM

Print Time: 3/23/2024 11:38:17 AM

Date of Birth:

Gender:

Male

03:45 EXER

00:45 STAGE2

2.5 MPH

12.0 %

RATE 134

BP 182/98

EXE 02:31



SAMPURAN S SANDHU

50117604

Time

Exam Start: 3/21/2024 11:37:49 AM

Print Time:

Date of Birth:

Gender:

Male

05:59 EXER

02:59 STAGE2

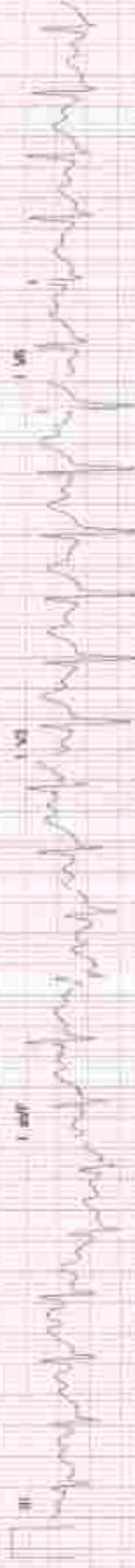
2.5 MPH

12.0 %

RATE 145

BP 212/97

EXE 05:29



Auto Print

SAMPURAN S. SANTHIY

www.elsevier.com/locate/jbiotec

Answer

Exam Start: 3/21/2014 11:32:49 AM

Print Time

Date of Birth:

10

11

06:49 EXTER

00:49 STAG:13

3.4 MPII

14.0%

RATE 156

BP 212/97

AC-603XII

1

103

100

11

10

5



SAMPURAN S SANDHVI

50117664

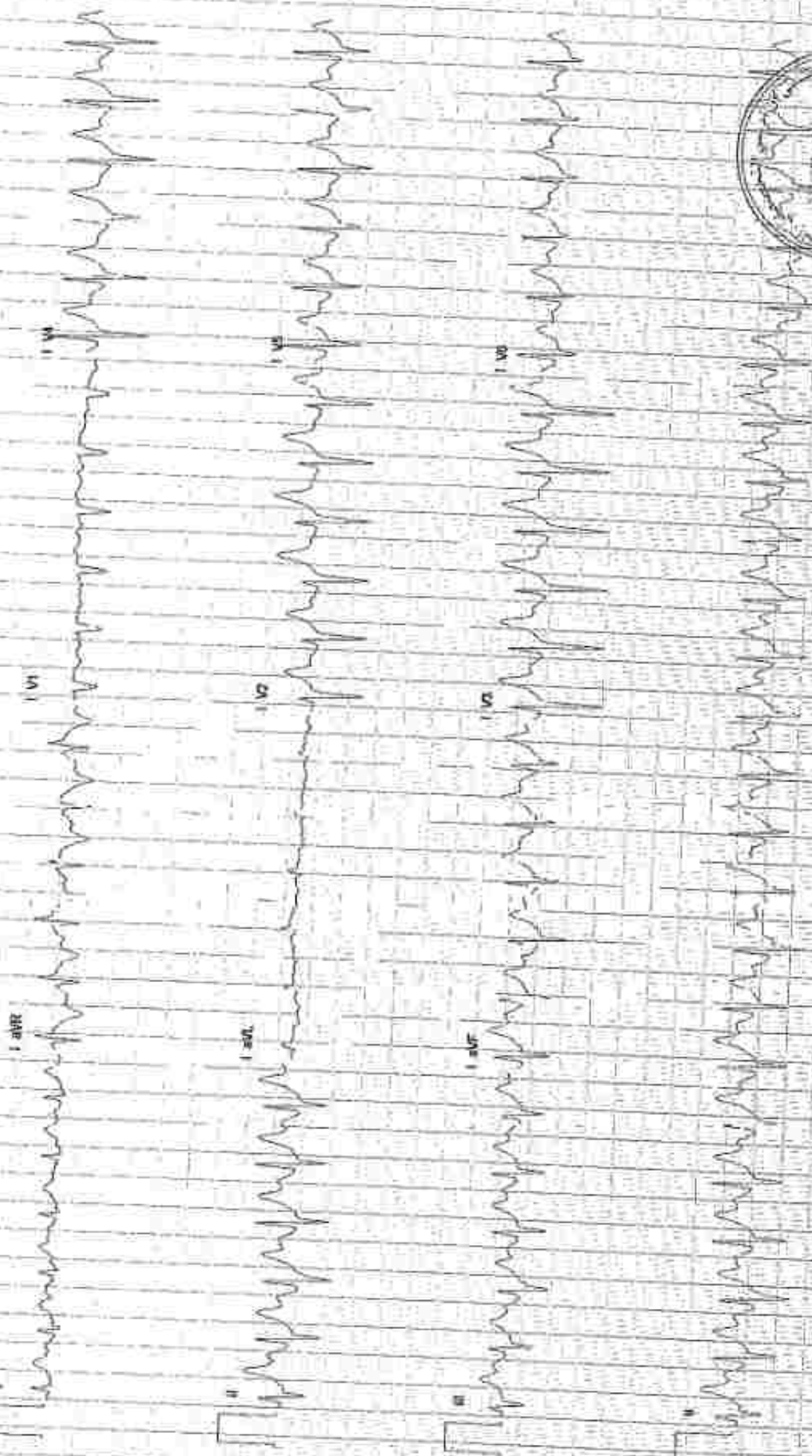
Bruce

Exam Start: 3/23/2024 11:32:49 AM
Print Time: 3/23/2024 11:43:05 AM
Date of Birth: _____
Gender: Male

08:33 EXER
02:33 STAGE3

3.4 MPH
14.0 %

BP 120/80
EXE 08:33



EXERCISE 11.3.3.4.11

BRUCE, SAMPURAN S SANDHVI

EXERCISE 11.3.3.4.11

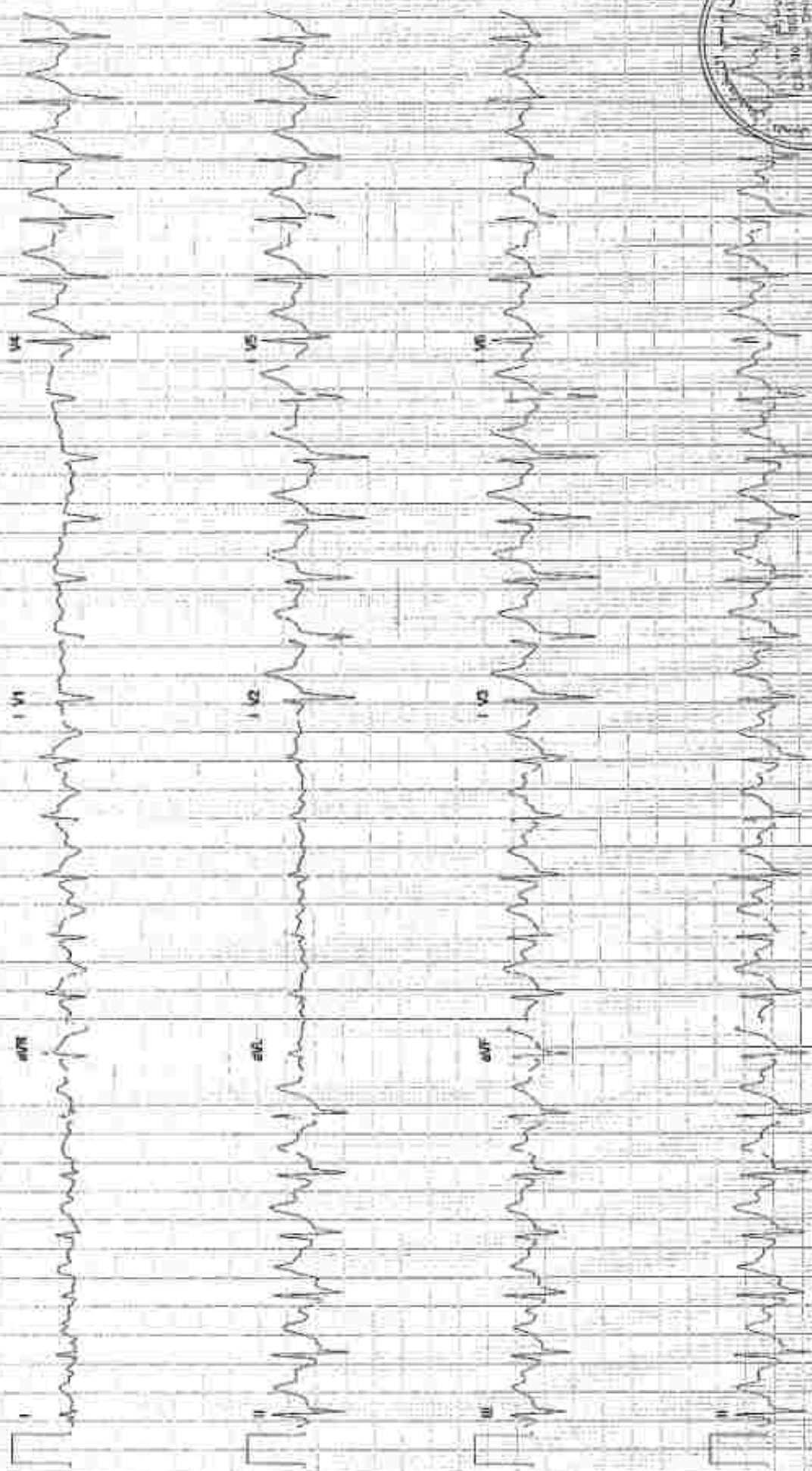
SAMPURAN S SANDHU
50117664
Ruce

Exam Start: 5/23/2024 11:32:49 AM
Print Time: 5/23/2024 11:43:15 AM
Date of Birth:
Gender: Male

08:34 EXER
00:09 REC

-- MPH
-- %

RATE 144
BP 205/92
ENC 08:28



Peak Exc

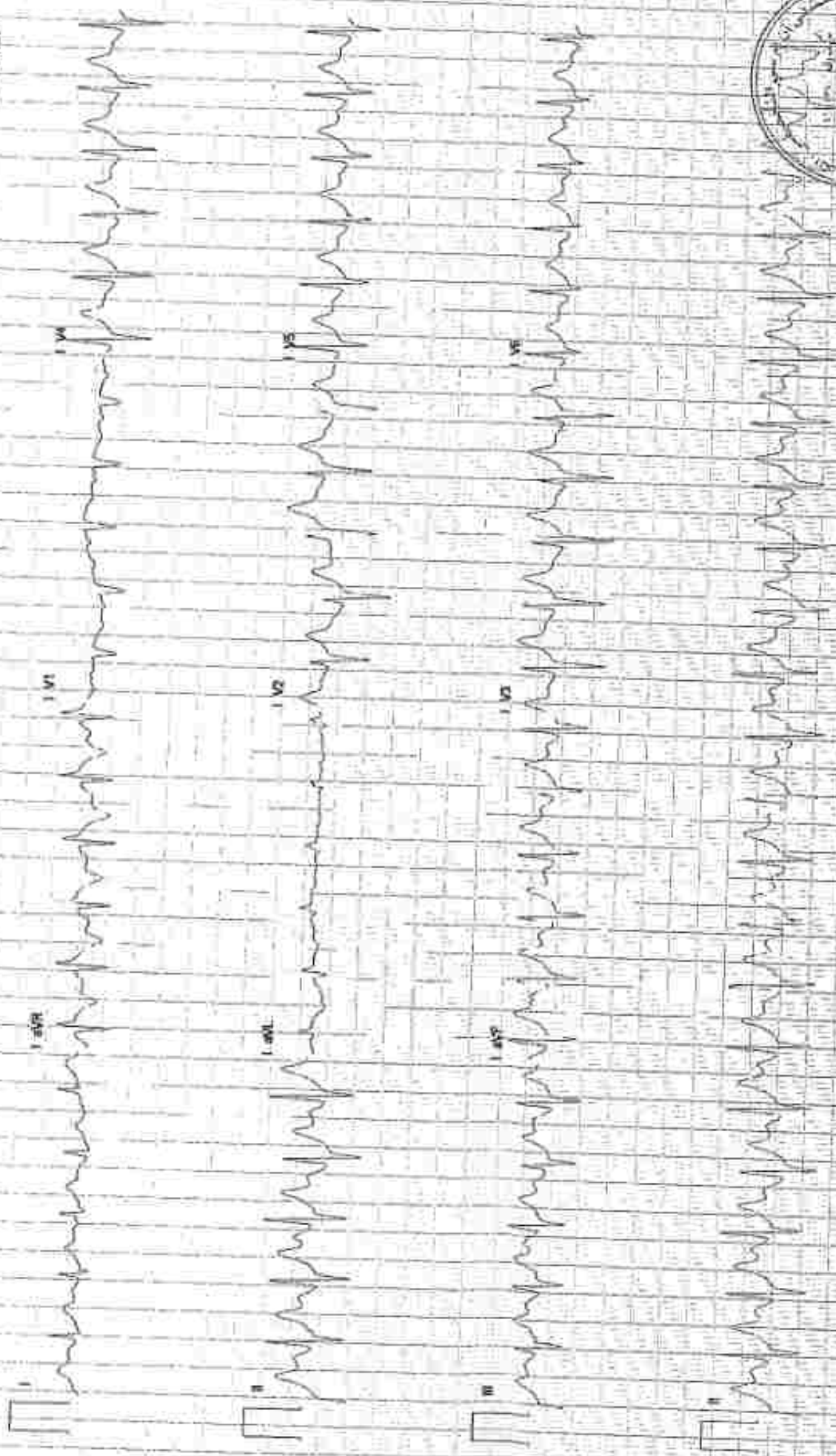


Exam Start: 3/23/2024 11:32:49 AM
Print Time: 3/23/2024 11:43:42 AM
Date of Birth: _____
Gender: Male

08:34 EXER
00:35 REC

--- MPH
--- %

RATE
BP 205/92
EXE 08:28



SAMPUHAN S SANDHIO

50117664

Ethnic

Exam Date: 3/23/2024 11:32:49 AM

Print Time: 3/23/2024 11:46:06 AM

Date of Birth:

Gender:

Male

08:34 EXER

00:59 REC

RATE 128

BP 205/92

EXE 08:28

--- MPH

--- %



Auto Print

SAMPURAN S SANDHU

50117664

Brace

Exam Start: 3/23/2024 11:22:49 AM
Print Time: 3/23/2024 11:45:06 AM
Date of Exam:
Gender: Male

08:34 EXER
01:59 REC

— MPH
— %

RATE 116
BP 184/81
RHR 01:30



Auto Print

XX-000000-000000

2024/03/23 11:45:06 AM

SAMPURAN S SANJIDU

50117664

Bruce

Exam Start: 3/23/2024 11:32:49 AM

Print Time: 3/23/2024 11:40:06 AM

Date of Birth:

Gender: Male

08:34 EXER

02:59 REC

— MPH

— %

RATE 111

BP 178/83

REC 02:52



Auto Print

SAMPURAN S SANKRISHN

501170664

8msec

Exam Start: 3/23/2024 11:32:49 AM

Print Time: 3/23/2024 11:47:06 AM

Date of Birth:

Gender:

Male

08:34 EXER

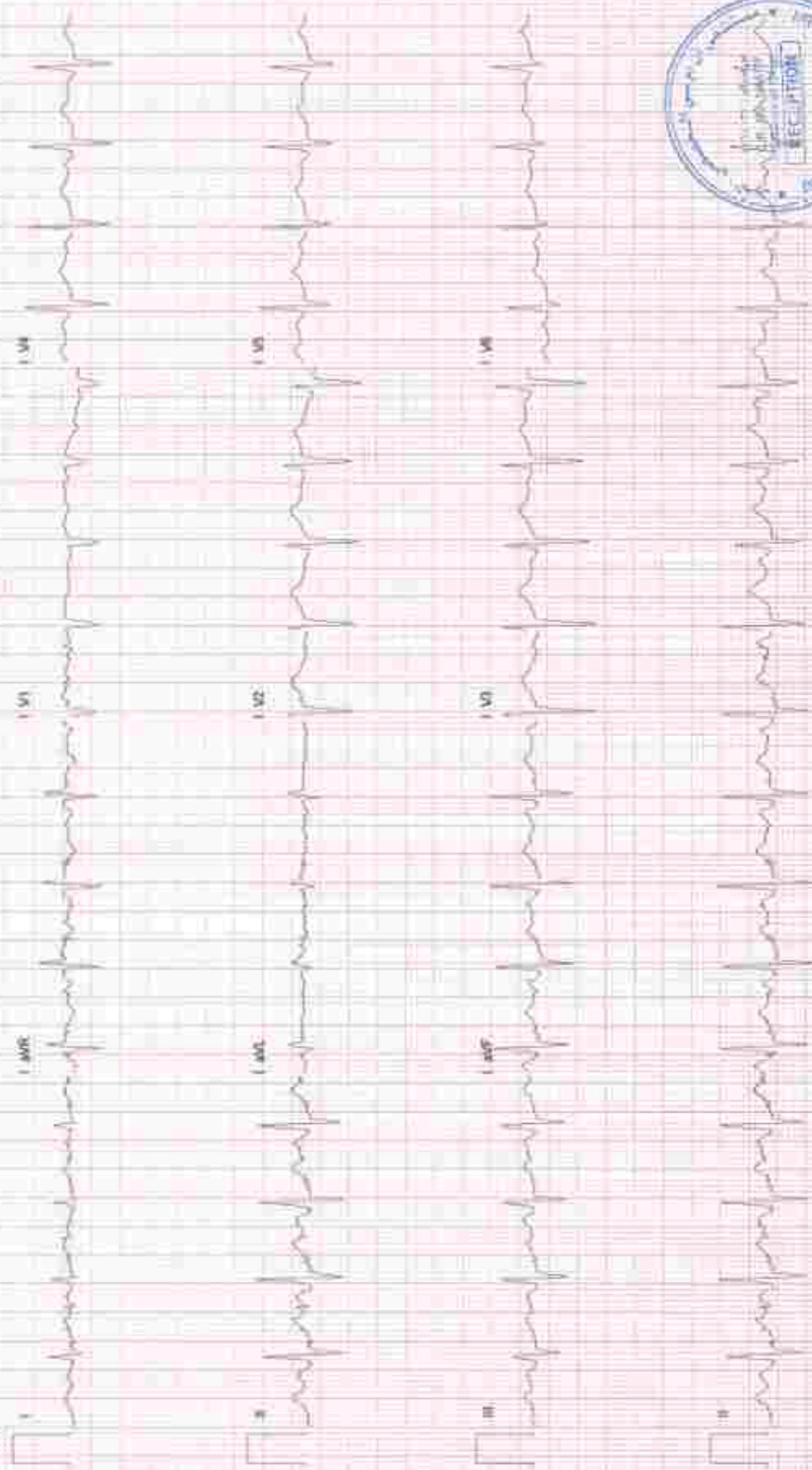
03:59 REC

--- MPH

RATE 107

BP 164/84

REC 03:31



Auto Print

KS-010-9 2.5.2019

25mm/s 10mm/mV 0.25-40Hz 30Sec 302F

Framingham Risk Score (2008)

Questions

Sampuran Singh
6017664

1. Gender? Male
2. Age? 45-49
3. Total Cholesterol? 4.14-5.15 mmol/L
4. HDL? <0.9 mmol/L
5. Systolic Blood Pressure? 130-139 mmHg
6. On Medication for Hypertension? No
7. Smoker? No
8. Diabetic? Yes
9. Known Vascular Disease? No

Estimated 10-year Atherosclerotic CVD Risk

15.6%*

Risk Category

High Risk*

Estimated Vascular Age

64 Years*

*Due to this patient being diabetic, they are placed in the High Risk Category and should be treated based on the following guidelines.

About

The FRS estimates the 10 year risk of manifesting clinical CVD (CAD, Stroke, PVD, CIED, cardiac death). Although not examined in the 2008 model, it is common practice to double the FRS if there is a FHx of premature CAD in a 1st degree relative (men <55y, women <65y).

*The risk stratification tool for the ESC is the SCORE system which estimates 10y risk of CVD death. Patients with a 10y risk of CVD death ≥5% are considered high risk. The lipid guidelines recognize risk equivalents as a distinct category that warrant immediate treatment. For patients with an ESC SCORE ≥5% a 3 month trial of lifestyle measures is a reasonable starting point. If after 3 months the lipids remain above moderate-risk targets and the SCORE remains ≥5% then intensive therapy to reach high risk targets is recommended.

Treatment Guidelines

ATP-III (2004)

Treatment Targets

LDL <100 mg/dL (<2.59 mmol/L)
Non-HDL <130 mg/dL (<3.37 mmol/L)

CCS (2009)

Treatment Targets

LDL <2 mmol/L (<77 mg/dL) or ≥50% decrease in LDL-C
apoB <0.8 g/L (80 mg/dL)

ESC (2007, see info for more)

Treatment Targets

LDL <2-2.5 mmol/L (<80-100 mg/dL)
TChol <4-4.5 mmol/L (<155-175 mg/dL)

References

