

Patient Name	MRS.SANGEETHA K	Requested By	EHP
MRN	20150000000047	Procedure DateTime	08-04-2023 10:47
Age/Sex	39Y 1M/Female	Hospital	NH-JAYANAGAR

CHEST RADIOGRAPH (PA VIEW)

CLINICAL DETAILS: For health checkup.

FINDINGS:

- The lung fields and bronchovascular markings appear normal.
- The cardiac size is within normal limits.
- Mediastinum and great vessels are within normal limits.
- Trachea is normal and is central. The hilar shadows are unremarkable.
- The costo-phrenic angles are clear. No evidence of pleural effusion or pneumothorax.
- The visualized bones and soft tissue structures appear normal.
- Both the diaphragmatic domes appear normal.

IMPRESSION:

- **No significant abnormality detected.**



Dr Arpita Sanikop
Junior Consultant

* **This is a digitally signed valid document.**Reported Date/Time: 08-04-2023 17:31

DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Sangeetha K MRN : 20150000000047 Gender/Age : FEMALE , 39y (11/02/1984)

Collected On : 08/04/2023 08:41 AM Received On : 08/04/2023 12:29 PM Reported On : 08/04/2023 04:33 PM

Barcode : 032304080111 Specimen : Urine Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9886033491

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
Urine For Sugar (Fasting) (Enzyme Method (GOD POD))	Not Present	-	-

STOOL ROUTINE EXAMINATION

PHYSICAL EXAMINATION

Colour	Brownish	-	-
Consistency	Semi Solid	-	-
Mucus	Absent	-	-

CHEMICAL EXAMINATION

Stool For Occult Blood (Standard Guaiac Method)	Negative	-	-
Reaction	Alkaline	-	-

MICROSCOPE EXAMINATION

Ova	Not Seen	-	-
Cyst Of Protozoa	Not Seen	-	-
Pus Cells	2-3	/hpf	0-5

Urine For Sugar (Post Prandial) (Enzyme Method (GOD POD))	Not Present	-	-
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Hema S

Dr. Hema S
MD, DNB, Pathology
Associate Consultant

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Fasting Blood Sugar (FBS) (Colorimetric - Glucose Oxidase Peroxidase)	96	mg/dL	70 to 99 : Normal 100 to 125 : Pre-diabetes =>126 : Diabetes ADA standards 2020
Post Prandial Blood Sugar (PPBS) (Colorimetric - Glucose Oxidase Peroxidase)	125	mg/dL	70 to 139 : Normal 140 to 199 : Pre-diabetes =>200 : Diabetes ADA standards 2020

HBA1C

HbA1c (HPLC NGSP Certified)	5.4	%	Normal: 4.0-5.6 Prediabetes: 5.7-6.4 Diabetes: => 6.5 ADA standards 2020
Estimated Average Glucose (Calculated)	108.29	-	-

Interpretation:

- HbA1C above 6.5% can be used to diagnose diabetes provided the patient has symptoms. If the patient does not have symptoms with HbA1C>6.5%, repeat measurement on further sample. If the repeat test result is <6.5%, consider as diabetes high risk and repeat measurement after 6 months.
- HbA1C measurement is not appropriate in diagnosing diabetes in children, suspicion of type 1 diabetes, symptoms of diabetes for less than 2 months, pregnancy, hemoglobinopathies, medications that may result sudden increase in glucose, anemia, renal failure, HIV infection, malignancies, severe chronic hepatic, and renal disease.
- Any sample with >15% should be suspected of having a haemoglobin variant.

SERUM CREATININE

Serum Creatinine (Two Point Rate - Creatinine Aminohydrolase)	0.66	mg/dL	0.6-1.0
eGFR (Calculated)	99.8	mL/min/1.73m ²	Indicative of renal impairment < 60 Note:eGFR is inaccurate for Hemodynamically unstable patients eGFR is not applicable for less than 18 years of age.

Patient Name : Ms Sangeetha K MRN : 2015000000047 Gender/Age : FEMALE , 39y (11/02/1984)

Blood Urea Nitrogen (BUN) (Endpoint /Colorimetric – Urease) 10 mg/dL 7.0-17.0

Serum Uric Acid (Colorimetric - Uricase,Peroxidase) 3.6 mg/dL 2.5-6.2

LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)

Cholesterol Total (Colorimetric - Cholesterol Oxidase) 181 mg/dL Desirable: < 200
Borderline High: 200-239
High: > 240

Triglycerides (Colorimetric - Lip/Glycerol Kinase) 116 mg/dL Normal: < 150
Borderline: 150-199
High: 200-499
Very High: > 500

HDL Cholesterol (HDLC) (Colorimetric: Non HDL Precipitation Phosphotungstic Acid Method) 39 L mg/dL 40.0-60.0

Non-HDL Cholesterol (Calculated) 142.0 H mg/dL Desirable: < 130
Above Desirable: 130-159
Borderline High: 160-189
High: 190-219
Very High: => 220

LDL Cholesterol (Colorimetric) 129 L mg/dL Optimal: < 100
Near to above optimal: 100-129
Borderline High: 130-159
High: 160-189
Very High: > 190

VLDL Cholesterol (Calculated) 23.2 mg/dL 0.0-40.0

Cholesterol /HDL Ratio (Calculated) 4.7 - 0.0-5.0

THYROID PROFILE (T3, T4, TSH)

Tri Iodo Thyronine (T3) (Enhanced Chemiluminescence) 0.993 ng/mL 0.97-1.69

Thyroxine (T4) (Enhanced Chemiluminescence) 7.93 µg/dl 5.53-11.0

TSH (Thyroid Stimulating Hormone) (Enhanced Chemiluminescence) 3.299 µIU/mL > 18 Year(s) : 0.4 -4.5
Pregnancy:
1st Trimester: 0.129-3.120
2nd Trimester: 0.274-2.652
3rd Trimester: 0.312-2.947

LIVER FUNCTION TEST(LFT)

Bilirubin Total (Colorimetric -Diazo Method) 0.38 mg/dL 0.2-1.3

Patient Name : Ms Sangeetha K MRN : 2015000000047 Gender/Age : FEMALE , 39y (11/02/1984)

Conjugated Bilirubin (Direct) (Dual Wavelength - Reflectance Spectrophotometry)	0.10	mg/dL	0.0-0.3
Unconjugated Bilirubin (Indirect) (Calculated)	0.28	mg/dL	0.0-1.1
Total Protein (Colorimetric - Biuret Method)	7.60	gm/dL	6.3-8.2
Serum Albumin (Colorimetric - Bromo-Cresol Green)	4.30	gm/dL	3.5-5.0
Serum Globulin (Calculated)	3.3	gm/dL	2.0-3.5
Albumin To Globulin (A/G)Ratio (Calculated)	1.31	-	1.0-2.1
SGOT (AST) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	21	U/L	14.0-36.0
SGPT (ALT) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	17	U/L	<35.0
Alkaline Phosphatase (ALP) (Multipoint-Rate - P-nitro Phenyl Phosphate, AMP Buffer)	135 H	U/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (Multipoint Rate - L-glutamyl-p-nitroanilide (Szasz Method))	18	U/L	12.0-43.0

Interpretation Notes

- Indirect Bilirubin result is a calculated parameter (Indirect Bilirubin = Total Bilirubin - Direct Bilirubin). Indirect bilirubin result includes the delta bilirubin fraction also. Delta Bilirubin is the bilirubin which is covalently bound to albumin. Delta Bilirubin is not expected to be present in healthy adults or neonates.



Dr. Anushre Prasad
MBBS,MD, Biochemistry
Consultant Biochemistry



Mrs. Latha B S
MSc, Mphil, Biochemistry
Incharge, Consultant Biochemistry

HEMATOLOGY

Test	Result	Unit	Biological Reference Interval
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Patient Name : Ms Sangeetha K MRN : 2015000000047 Gender/Age : FEMALE , 39y (11/02/1984)

COMPLETE BLOOD COUNT (CBC)

Haemoglobin (Hb%) (Photometric Measurement)	12.6	g/dL	12.0-15.0
Red Blood Cell Count (Electrical Impedance)	4.57	million/ μ l	3.8-4.8
PCV (Packed Cell Volume) / Hematocrit (Calculated)	39.2	%	36.0-46.0
MCV (Mean Corpuscular Volume) (Derived)	85.6	fL	83.0-101.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	27.5	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	32.1	%	31.5-34.5
Red Cell Distribution Width (RDW) (Derived)	13.7	%	11.6-14.0
Platelet Count (Electrical Impedance Plus Microscopy)	375	$10^3/\mu$ L	150.0-450.0
Total Leucocyte Count(WBC) (Electrical Impedance)	8.7	$10^3/\mu$ L	4.0-10.0

DIFFERENTIAL COUNT (DC)

Neutrophils (VCS Technology Plus Microscopy)	70.7	%	40.0-75.0
Lymphocytes (VCS Technology Plus Microscopy)	22.1	%	20.0-40.0
Monocytes (VCS Technology Plus Microscopy)	5.4	%	2.0-10.0
Eosinophils (VCS Technology Plus Microscopy)	1.3	%	1.0-6.0
Basophils (VCS Technology Plus Microscopy)	0.5	%	0.0-2.0
Absolute Neutrophil Count (Calculated)	6.16	$\times 10^3$ cells/ μ l	2.0-7.0
Absolute Lymphocyte Count (Calculated)	1.93	$\times 10^3$ cells/ μ l	1.0-3.0
Absolute Monocyte Count (Calculated)	0.47	$\times 10^3$ cells/ μ l	0.2-1.0
Absolute Eosinophil Count (Calculated)	0.12	$\times 10^3$ cells/ μ l	0.02-0.5
Absolute Basophil Count (Calculated)	-	-	-

Patient Name : Ms Sangeetha K MRN : 2015000000047 Gender/Age : FEMALE , 39y (11/02/1984)

0.05

As per the recommendation of International Council for Standardization in Hematology, the differential counts are additionally being reported as absolute numbers.

Interpretation Notes

- Haemoglobin , RBC Count and PCV: If below reference range, indicates Anemia. Further evaluation is suggested .
RBC Indices aid in typing of anemia.
WBC Count: If below reference range, susceptibility to infection.
If above reference range- Infection*
If very high in lakhs-Leukemia
Neutrophils -If above reference range-acute infection, mostly bacterial
Lymphocytes -If above reference range-chronic infection/ viral infection
Monocytes -If above reference range- TB,Typhoid,UTI
Eosinophils -If above reference range -Allergy,cough,Common cold,Asthma & worms
Basophils - If above reference range, Leukemia, allergy
Platelets: If below reference range- bleeding disorder, Dengue, drug- induced, malignancies
* In bacterial infection with fever total WBC count increases.
Eg Tonsillitis,Sinusitis,Bronchitis,Pneumonia,Appendicitis,UTI -12000-25000 cells/cumm.
In typhoid and viral fever WBC may be normal.
DISCLAIMER:All the laboratory findings should mandatorily interpreted in correlation with clinical findings by a medical expert.

Erythrocyte Sedimentation Rate (ESR)	18 H	mm/1hr	0.0-12.0
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(Westergren Method)

Interpretation Notes

- ESR high - Infections, chronic disorders,, plasma cell dyscrasias.
DISCLAIMER:All the laboratory findings should mandatorily interpreted in correlation with clinical findings by a medical expert

--End of Report-



Dr. Sudarshan Chougule
MBBS, MD, Pathology
Consultant & Head - Hematology & Flow Cytometry

Note

- Abnormal results are highlighted.
- Results relate to the sample only.

Patient Name : Ms Sangeetha K MRN : 2015000000047 Gender/Age : FEMALE , 39y (11/02/1984)

- Kindly correlate clinically.

(Lipid Profile, -> Auto Authorized)

(, -> Auto Authorized)

(CR, -> Auto Authorized)

(LFT, -> Auto Authorized)

(Uric Acid, -> Auto Authorized)

(Blood Urea Nitrogen (Bun), -> Auto Authorized)

(Fasting Blood Sugar (FBS), -> Auto Authorized)

(Post Prandial Blood Sugar (PPBS) -> Auto Authorized)



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Sangeetha K MRN : 2015000000047 Gender/Age : FEMALE , 39y (11/02/1984)

Collected On : 08/04/2023 08:41 AM Received On : 08/04/2023 12:19 PM Reported On : 10/04/2023 03:43 PM

Barcode : 1B2304080014 Specimen : Whole Blood Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9886033491

NARAYANA HRUDAYALAYA BLOOD CENTRE

Test	Result	Unit
BLOOD GROUP & RH TYPING		
Blood Group (Column Agglutination Technology)	AB	-
RH Typing (Column Agglutination Technology)	Positive	-



Dr. Prathip Kumar B R
MBBS,MD, Immunohaematology & Blood Transfusion
Consultant

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
URINE ROUTINE & MICROSCOPY			
PHYSICAL EXAMINATION			
Colour	STRAW	-	-
Appearance	Slightly Turbid	-	-
CHEMICAL EXAMINATION			
pH(Reaction) (pH Indicator Method)	5.0	-	4.5-7.5
Sp. Gravity (Refractive Index)	1.017	-	1.002 - 1.030
Protein (Automated Protein Error Or Ph Indicator)	Not Present	-	Not Present

Patient Name : Ms Sangeetha K MRN : 2015000000047 Gender/Age : FEMALE , 39y (11/02/1984)

Urine Glucose (Enzyme Method (GOD POD))	Not Present	-	Not Present
Ketone Bodies (Nitroprusside Method)	Not Present	-	Not Present
Bile Salts (Azo Coupling Method)	Not Present	-	Not Present
Bile Pigment (Bilirubin) (Azo Coupling Method)	Not Present	-	Not Present
Urobilinogen (Azo Coupling Method)	Normal	-	Normal
Urine Leucocyte Esterase (Measurement Of Leukocyte Esterase Activity)	Not Present	-	Not Present
Blood Urine (Peroxidase Reaction)	Not Present	-	Not Present
Nitrite (Gries Method)	Not Present	-	Not Present

MICROSCOPIC EXAMINATION

Pus Cells	2.2	/hpf	0-5
RBC	0.3	/hpf	0-4
Epithelial Cells	4.5	/hpf	0-6
Crystals	0.0	/hpf	0-2
Casts	0.00	/hpf	0-1
Bacteria	7.0	/hpf	0-200
Yeast Cells	0.1	/hpf	0-1
Mucus	Not Present	-	Not Present

Hema S

Dr. Hema S
MD, DNB, Pathology
Associate Consultant

Patient Name : Ms Sangeetha K MRN : 20150000000047 Gender/Age : FEMALE , 39y (11/02/1984)

CYTOLOGY

PAP SMEAR

LAB No. P-248223

MATERIAL RECEIVED Received two unstained slides

CLINICAL DETAILS LMP 17-03-23 P/S Cervix vagina- healthy.
Screening pap smear

SPECIMEN TYPE Conventional Smear

SMEAR ADEQUACY Satisfactory for evaluation with presence of endocervical cell /
transformation zone component.

GENERAL CATEGORIZATION CERVICAL CYTOLOGY : PAP SMEAR REPORT - The 2014 Bethesda
system .
No epithelial cell abnormality seen
No evidence of fungal organisms, trichomonas vaginalis, bacterial
vaginosis or other epithelial abnormalities.

IMPRESSION Smear is negative for intraepithelial lesion or malignancy.

REMARKS Note: Cervical smear test is only a screening test for cervical
carcinoma with inherent false negative results.

--End of Report--



Dr. Shaesta Naseem Zaidi
MD, Pathology
Consultant Histopathology

Note

Patient Name : Ms Sangeetha K MRN : 2015000000047 Gender/Age : FEMALE , 39y (11/02/1984)

- Abnormal results are highlighted.
- Results relate to the sample only.
- Kindly correlate clinically.



ADULT TRANS-THORACIC ECHO REPORT

NAME : MRS.SANGEETHA

AGE/SEX : 39YRS/FEMALE

MRN NO : 20150000000047

DATE : 08.04.2023

FINAL DIAGNOSIS:

- NORMAL CHAMBER DIMENSIONS
- NO RWMA
- NORMAL VALVES
- NORMAL PA PRESSURE
- NORMAL RV/LV FUNCTION
- LVEF- 60 %

MEASUREMENTS

AO: 29 MM	LVID (d) : 42 MM	IVS (d) : 10 MM	RA : 33 MM
LA: 29 MM	LVID(s) : 25 MM	PW (d) : 09 MM	RV : 26 MM
EF: 60 %			

VALVES

MITRAL VALVE : NORMAL
AORTIC VALVE : NORMAL
TRICUSPID VALVE : NORMAL
PULMONARY VALVE : NORMAL

CHAMBERS

LEFT ATRIUM : NORMAL
RIGHT ATRIUM : NORMAL
LEFT VENTRICLE : NORMAL, NORMAL LV FUNCTION
RIGHT VENTRICLE : NORMAL, TAPSE-19 MM, NORMAL RV FUNCTION
RVOT/LVOT : NORMAL

SEPTAE

IVS : INTACT

IAS : INTACT

GREAT ARTERIES

AORTA : NORMAL, AORTIC ANNULUS-20 MM, LEFT ARCH

PULMONARY ARTERY : NORMAL

DOPPLER DATA

MITRAL VALVE : E/A - 0.7/0.6M/S, MR-TRIVIAL

AORTIC VALVE : PG- 3 MMHG

TRICUSPID VALVE : TR-TRIVIAL , PASP- 23 MMHG

PULMONARY VALVE : PG- 3 MMHG

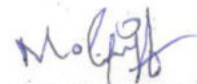
WALL MOTION ABNORMALITIES: NO RWMA

PERICARDIUM : NORMAL

VEGETATION/THROMBUS : ABSENT

OTHER FINDINGS

IVC- 14 MM, NORMAL SIZED, COLLAPSIBILITY >50%, RAP -3 MM
SINUS RHYTHM/ HR- 71 BPM



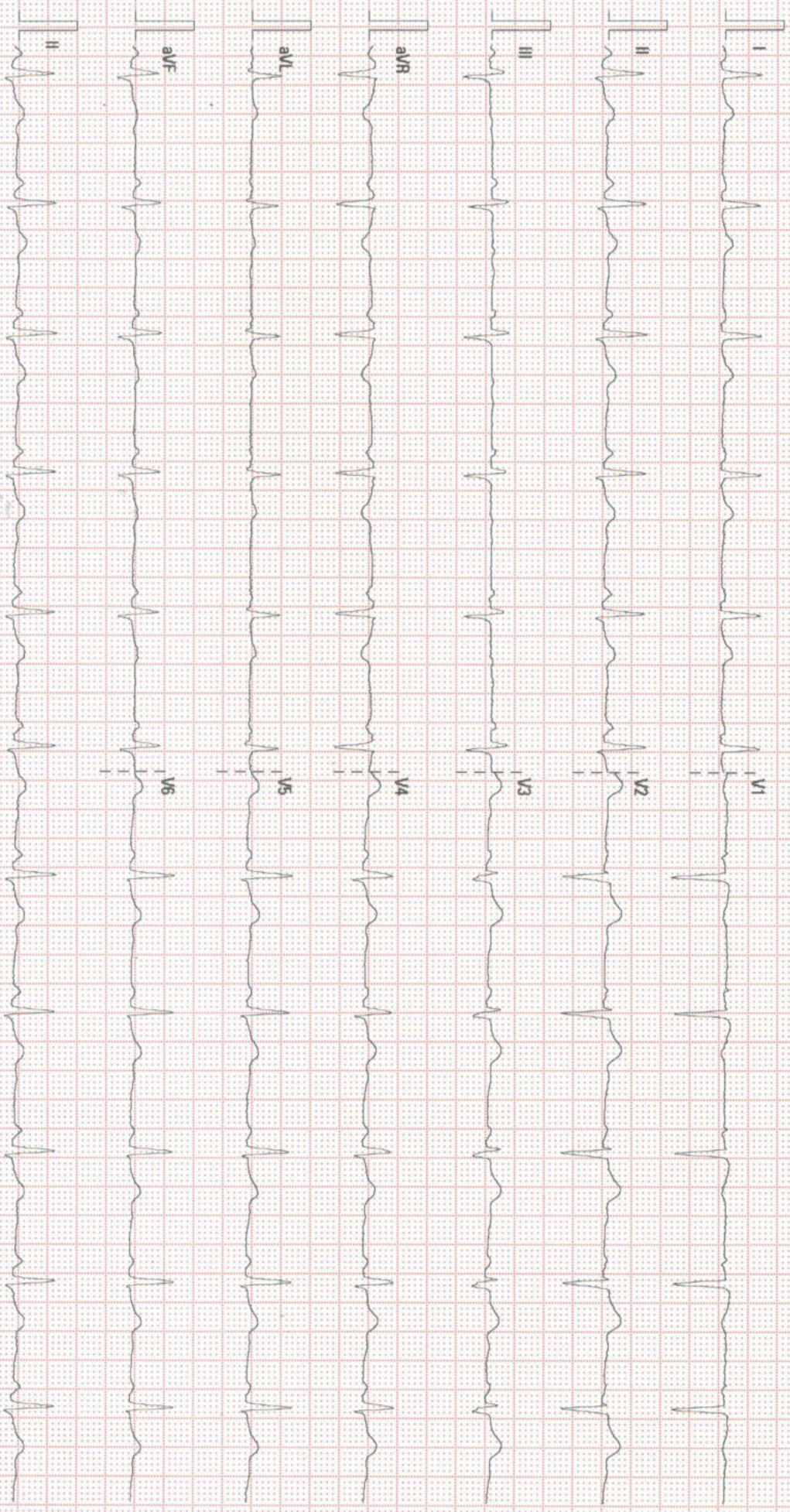
**GULSUM JAMEEL FATHIMA M
CARDIAC SONOGRAPHER**



ID: 2015-0047
Name: MRS SANGEETHA K
Age: 39 Years
Gender: Female

08-04-2023 10:11:33 AM

Vent. Rate	65 bpm
PR Interval	148 ms
QRS Duration	94 ms
QT/QTc Interval	412/421 ms
P/QRST Axes	57/11/37 deg
Dr: Hodges	



25 mm/s

10 mm/mV

50 Hz

BDR 35 Hz

NARAYANA HEALTH JAYANAGAR

02 06 00 V28 4.1

SN FN-73007176

EXERCISE STRESS TEST REPORT

Patient Name: MS SANGEETHA K,
Patient ID: 2015-00047
Height: 165 cm
Weight: 82.9 kg

DOB: 11.02.1984
Age: 39yrs
Gender: Female
Race:

Study Date: 08.04.2023
Test Type: Treadmill Stress Test
Protocol: BRUCE

Referring Physician: EHP
Attending Physician: DR PRIYA S
Technician: MS GULSUM JAMEEL FATHIMA M

Medications:
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Medical History:
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Reason for Exercise Test:
Screening for CAD

Exercise Test Summary

Phase Name	Stage Name	Time in Stage	Speed (mph)	Grade (%)	HR (bpm)	BP (mmHg)	Comment
PRETEST	SUPINE	01:17	1.20	0.00	94	110/80	
EXERCISE	STAGE 1	03:00	1.70	10.00	121	120/80	
	STAGE 2	02:14	2.50	12.00	134	130/80	
RECOVERY		05:01	0.00	0.00	85	110/70	

The patient exercised according to the BRUCE for 5:13 min:s, achieving a work level of Max. METS: 7.00. The resting heart rate of 78 bpm rose to a maximal heart rate of 137 bpm. This value represents 75 % of the maximal, age-predicted heart rate. The resting blood pressure of 110/80 mmHg, rose to a maximum blood pressure of 136/80 mmHg. The exercise test was stopped due to Fatigue.

Interpretation

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Conclusions

MODERATE EFFORT TOLERANCE
NORMAL HR AND BP RESPONSE
NO ANGINA OR ARRHYTHMIAS
NO SIGNIFICANT ST-T CHANGES NOTED DURING EXERCISE AND RECOVERY
IMP:STRESS TEST IS NEGATIVE FOR INDUCIBLE ISCHEMIA

Physician

S. Priya S

Technician

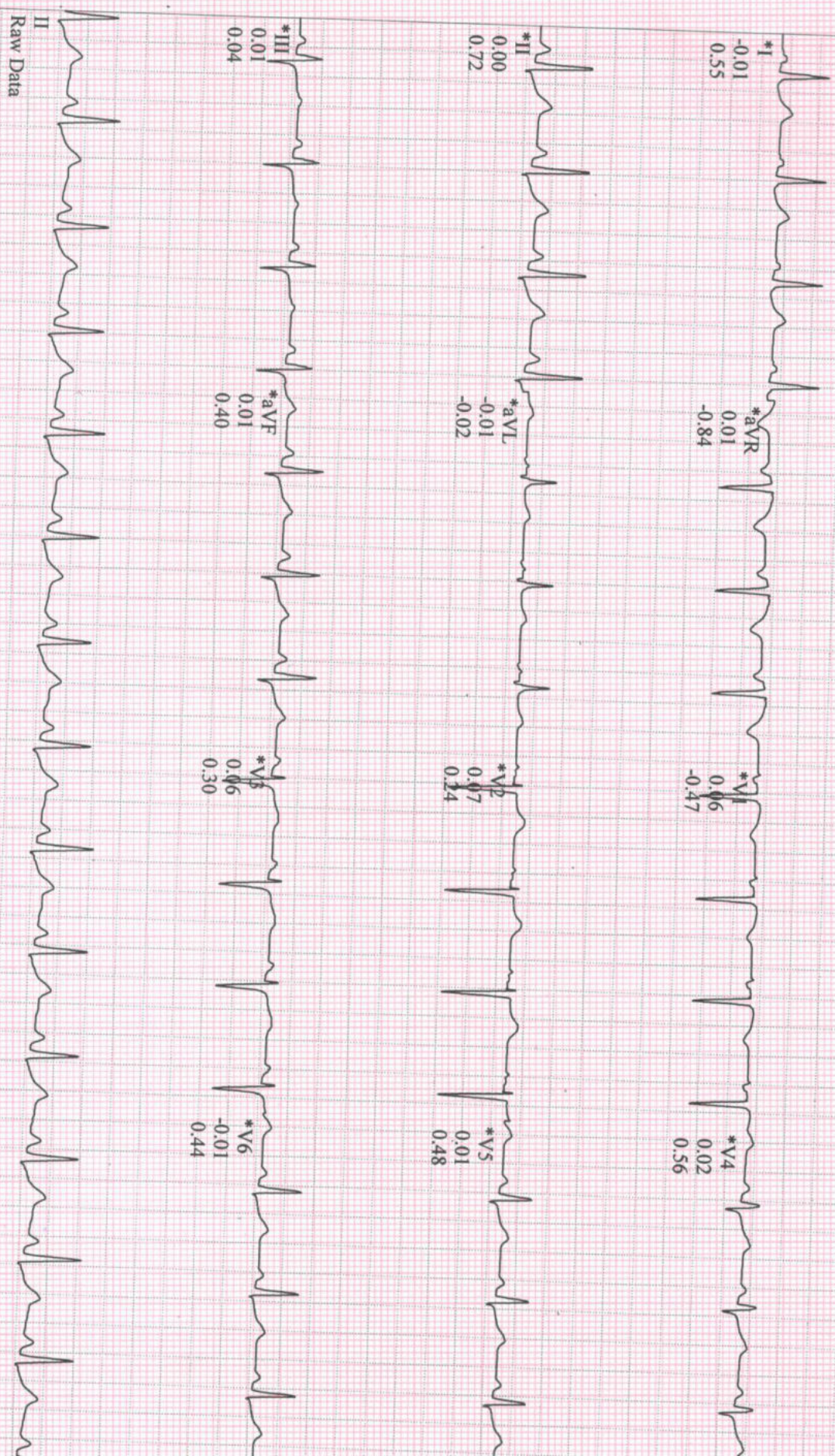
85 bpm
110/70 mmHg

RECOVERY
#1
05:00

BRUCE
0.0 mph
0.0 %

Linked Medians

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



Raw Data

GE CardioSoft V6.73 (2)
25 mm/s 10 mm/mV 50Hz 0.01 -20Hz S+ HR(V2,II)

*Computer Synthesized Rhythms

Start of Test: 11:53:27