

**DEPARTMENT OF RADIODIAGNOSIS**

<b>Name</b>	Deepa Singh Dangi	<b>Date</b>	23/03/24
<b>Age</b>	46 years	<b>Hospital ID</b>	UHJA23021036
<b>Sex</b>	Female	<b>Ref.</b>	Health check

**RADIOGRAPH OF THE CHEST (PA – VIEW)**

**FINDINGS:**

Bilateral lung fields are normal.

Bilateral costo-phrenic angles are normal.

Cardia and mediastinal contours are normal.

The bony thorax is grossly normal.

**IMPRESSION:**

- **No radiographic abnormality.**

**Dr. Elluru Santosh Kumar**  
**Consultant Radiologist**

**Disclaimer for Radiology Scans and Procedures :**

- 1) Radiology results should be correlated and interpreted by qualified medical professionals only. In case of any clarification, the referring doctors or patients can contact the reception/respective department/doctor.
- 2) Radiology results are affected by patient body habitus, food consumption, bowel contents, hydration status, foreign bodies and artifacts.
- 3) Small renal/ureteric stones, some of the pathologies of bowel, peritoneum and retroperitoneum may not be detected on ultrasound study.
- 4) Antenatal ultrasound: Maternal body variables, gestational age, fetal position at the time of the scan affects the scanning. Patient should come for review scan if and when recommended. Chromosomal anomalies cannot be diagnosed on ultrasound only. If ultrasound markers indicate high risk for chromosomal anomalies, further evaluation including karyotyping may be needed.
- 5) Duplicate reports can be provided only upto 30 days from the date of scan/procedure.
- 6) X-ray is a screening modality and not a diagnostic test. It should be correlated clinically and complemented by other requisite imaging modalities and lab tests. X-ray cannot detect soft tissue injuries (like tendon/ ligament injuries) and small renal/ ureteric stones.
- 7) All disputes relating to the reports are subject to jurisdiction of courts at Bengaluru city only.

## DEPARTMENT OF LABORATORY MEDICINE

Patient Name	: Mrs. DEEPA SINGH DANGI	Order No	: 1000079135
UHID	: UHJ A23021036	Registered On	: 23/03/2024 10:13:57 AM
Age/Sex	: 46/Years Female	Collected On	: 23/03/2024 10:21:59 AM
Ward / Bed No	:	Reported On	: 23/03/2024 05:14:14 PM
Reference	: Dr. Preventive Health Check Up	Bill No	: OPBJ A230026031
Station	: At Hospital	Mobile No	: 8652405877
Payer Name	: Mediwheel	Report Status	: Final Report

Test Name	Result	Unit	Bio. Ref. Interval
<b><u>BIOCHEMISTRY</u></b>			
<b>FASTING GLUCOSE</b> (Method: Hexokinase)	105	mg/dL	ADA Guidelines < 100 mg/dl - Normal 100 to 125 mg/dl - Prediabetes ≥ 126 mg/dl - Diabetes
<b>POST PRANDIAL GLUCOSE</b> (Method: Hexokinase)	91	mg/dL	70-140
<b>GLYCOSYLATED HAEMOGLOBIN (HBA1C)</b>			Sample: Whole blood (EDTA)
<b>HBA1C</b> (Method: HPLC)	5.3	%	ADA Guidelines < 5.7% - Normal 5.7 to 6.4% - Prediabetes ≥ 6.5% - Diabetes
<b>Estimated Average Glucose (eAG)</b> (Method: Calculated)	105.40	mg/dL	
<b>THYROID PROFILE (TOTAL T3, TOTAL T4 &amp; TSH)</b>			Sample: Serum
<b>TOTAL T3</b> (Method:CLIA)	0.93	ng/mL	0.87-1.78
<b>TOTAL T4</b> (Method:CLIA)	7.31	ng/dL	5.1-14.1
<b>THYROID STIMULATING HORMONE (TSH)</b> (Method:CLIA: Ultra-sensitive)	3.25	μIU/mL	0.34-5.60
<b>LIPID PROFILE</b>			Sample: Serum
<b>TOTAL CHOLESTEROL</b> (Method:CHOD-POD)	195	mg/dL	ATP III Guidelines < 200 - Desirable 200-239 - Borderline high ≥ 240 - High
<b>TRIGLYCERIDES</b> (Method:Enzymatic GPO-POD)	149	mg/dL	< 150 - Normal 150-199 - Borderline High 200-499 - High ≥ 500 - Very High
<b>HDL CHOLESTEROL</b> (Method:ENZYMATIC METHOD)	47.8	mg/dL	< 40 - Low ≥ 60 - High

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LDL CHOLESTEROL (Method:ENZYMATIC METHOD)	117.8	mg/dL	<100 - Optimal 100-129 - Near or above optimal 130-159 - Borderline high 160-189 - High ≥190 - Very high
VLDL CHOLESTEROL (Method: Calculated)	29.80	mg/dL	< 30
TOTAL CHOLESTEROL : HDL RATIO (Method: Calculated)	4.1		Low Risk: 3.3 - 4.4 Average Risk: 4.5 - 7.1 Moderate Risk: 7.2 - 11.0
LDL/HDL CHOLESTEROL RATIO (Method: Calculated)	2.46		< 2.5 Optimal
NON HDL CHOLESTEROL (Method: Calculated)	147.2	mg/dL	< 130
<b>URIC ACID</b> (Method:Uricase - POD(Enzymatic))	5.6	mg/dL	2.6-6.0
<b>LIVER FUNCTION TEST</b>			
TOTAL BILIRUBIN (Method:Dichlorophenyl Diazotization)	0.58	mg/dL	0.3-1.2
DIRECT BILIRUBIN (Method:Dichlorophenyl Diazotization)	0.11	mg/dL	0.0-0.2
INDIRECT BILIRUBIN (Method: Calculated)	0.47	mg/dL	0.2-1.0
TOTAL PROTEIN (Method:BIURET)	6.5	g/dL	6.6-8.3
ALBUMIN (Method:BCG)	3.86	g/dL	3.5-5.2
GLOBULIN (Method: Calculated)	2.64	g/dL	2.3-3.5
AG RATIO (Method: Calculated)	1.46		2:1
SERUM SGOT (Method:IFCC without P5P)	22	U/L	< 35

Sample: Serum

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<b>SERUM SGPT</b> (Method:IFCC without P5P)	20	U/L	< 35
<b>ALKALINE PHOSPHATASE, SERUM</b> (Method:PNPP AMP Buffer)	69	U/L	46-122
<b>GGT</b> (Method:IFCC)	16	U/L	< 38
<b>UREA</b> (Method:Urease GLDH - Kinetic)	30.8	mg/dL	17-43
<b>BUN/CREATININE RATIO</b>			
<b>BLOOD UREA NITROGEN(BUN)</b> (Method:Urease GLDH - Kinetic)	14	mg/dL	7.93-20.07
<b>CREATININE</b> (Method:Modified Jaffe, Kinetic)	0.83	mg/dL	0.6-1.1
<b>BUN/CRE-RATIO</b> (Method: Calculated)	13		12~20 : 1

Sample: Serum



**Dr. Shobha Emmanuel**  
MBBS, M.D(Pathology)  
CONSULTANT PATHOLOGIST  
KMC:66136

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HAEMATOLOGY

## COMPLETE BLOOD COUNT(CBC)

Sample: Whole blood (EDTA)

HAEMOGLOBIN (Method:Photometric Measurement: Oxyhemoglobin method)	13.27	g/dL	12-16
PACKED CELL VOLUME/HEMATOCRIT (PCV/HCT) (Method: Calculated)	40.2	%	37-47
TOTAL WBC COUNT (TLC) (Method:Coulter Principle)	5490	Cells/Cum	4000-11000
<b>DIFFERENTIAL COUNT</b>			
NEUTROPHILS (Method:Optical/Impedance)	57.93	%	40-75
LYMPHOCYTES (Method:Optical/Impedance)	29.41	%	20-45
EOSINOPHILS (Method:Optical/Impedance)	5.37	%	0-6
MONOCYTES (Method:Optical/Impedance)	6.93	%	2-10
BASOPHILS (Method:Optical/Impedance)	0.36	%	0-2
RED BLOOD CORPUSCLES(RBC) (Method:Coulter Principle)	4.41	million/cum	4.0-5.2
MCV (Method:Derived from RBC Histogram)	91.2	fL	78-100
MCH (Method: Calculated)	30.1	pg	27-31
MCHC (Method: Calculated)	33.0	g/dL	31-37
RDW - CV (Method: Calculated)	13.5	%	11.5-14.5
PLATELET COUNT (Method:Electrical Impedance)	2.42	Lakhs/Cum	1.5-4.5

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MEAN PLATELET VOLUME(MPV) (Method:Derived from PLT Histogram)	10.13	fl	9-13
PLATELET DISTRIBUTION WIDTH (PDW) (Method: Calculated)	19.9	fl	9-19
<b>ERYTHROCYTE SEDIMENTATION RATE(ESR)</b> (Method:Modified Westergren Method)	12	mm/hour	1-20
<b>BLOOD GROUPING &amp; RH TYPING</b>			
Sample: Whole blood (EDTA)			
ABO Group (Method:Agglutination Gel Method )	B		
Rh Factor (Method:Agglutination Gel Method )	Positive		

Interpretation Notes

Note: Both forward and reverse grouping performed



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CLINICAL PATHOLOGY
**URINE EXAMINATION, ROUTINE**

Sample: Urine

**PHYSICAL EXAMINATION**

VOLUME	25	mL	
COLOUR	Pale Yellow		
APPEARANCE	Clear		
PH	5.5		5.0-8.0
SPECIFIC GRAVITY	1.005		1.005-1.030

**CHEMICAL EXAMINATION**

PROTEIN (Method:Protein Error of pH Indicator)	Absent		Absent
GLUCOSE (Method:GOD-POD)	Absent		Absent
KETONE BODIES (Method:Nitroprusside method/ Rothera's test)	Absent		Absent
BILIRUBIN (Method:DIAZO/FOUCHET'S TEST)	Negative		Negative
BILE SALT (Method:Hay's sulfur test)	Absent		Absent
NITRITE (Method:Griess method)	Negative		Negative
UROBILINOGEN (Method:Azo coupling method)	Normal		
LEUKOCYTE ESTERASE (Method:Leukocyte Esterase activity)	Negative		Negative
BLOOD (Method:Peroxidase Reaction)	Negative		Negative

**MICROSCOPIC EXAMINATION**




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Test Name	Result	Unit	Bio. Ref. Interval
EPITHELIAL CELLS	2-4	/HPF	0-5
PUS CELLS	2-4	/HPF	0-5
RBCs	Nil	/HPF	0-2
CASTS	Nil	/LPF	
CRYSTALS	Nil		
OTHERS	NA		
<b>URINE SUGAR, FASTING</b> (Method:GOD-POD)	Absent		
<b>URINE SUGAR (POST PRANDIAL)</b>	Absent		

Verified By  
NAGARATNA

---End of Report---



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\*NABL renewal under process.



## EXERCISE STRESS TEST REPORT

Patient Name: MRS. DEEPA SINGH DANGI,  
Patient ID: 21036  
Height: 159 cm  
Weight: 75.3 kg

DOB: 30.03.1977  
Age: 46yrs  
Gender: Female  
Race: Indian

Study Date: 23.03.2024  
Test Type: Treadmill Stress Test  
Protocol: BRUCE

Referring Physician: DR. RAHUL PATIL  
Attending Physician: DR. RAHUL PATIL  
Technician: YAMINI/THABITHA

### Medications:

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### Medical History:

NO H/O DM & HTN

### 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	00:28	0.00	0.00	65	110/70	
	STANDING	00:06	0.00	0.00	64	110/70	
	HYPERV.	00:03	0.00	0.00	65	110/70	
	WARM-UP	00:21	0.00	0.00	64	110/70	
EXERCISE	STAGE 1	03:00	1.70	10.00	122	110/70	
	STAGE 2	03:00	2.50	12.00	136	120/80	
	STAGE 3	02:04	3.40	14.00	148	130/90	
RECOVERY		03:29	0.00	0.00	73	130/90	

The patient exercised according to the BRUCE for 8:03 min:s, achieving a work level of Max. METS: 10.10. The resting heart rate of 67 bpm rose to a maximal heart rate of 148 bpm. This value represents 85 % of the maximal, age-predicted heart rate. The resting blood pressure of 110/70 mmHg, rose to a maximum blood pressure of 130/90 mmHg. The exercise test was stopped due to Dyspnea.

### Interpretation

Summary: Resting ECG: normal.  
Functional Capacity: normal.  
HR Response to Exercise: appropriate.  
BP Response to Exercise: normal resting BP - appropriate response.  
Chest Pain: none.  
Arrhythmias: none.  
ST Changes: none.  
Overall impression: Normal stress test.

### Conclusions

GOOD EFFORT TOLERANCE  
NORMAL HR AND BP RESPONSE  
NO ANGINA OR ARRHYTHMIAS NOTED  
NO SIGNIFICANT ST-T CHANGES NOTED DURING EXERCISE AND RECOVERY

IMPRESSION:- STRESS TEST IS NEGATIVE FOR INDUCIBLE ISCHEMIA

Physician \_\_\_\_\_

Technician \_\_\_\_\_



Patient ID 21036

Female 159 cm 75.3 kg  
46yrs Indian

Meds:

Test Reason: Screening for CAD  
Medical History: NO H/O DM & HTN

Ref: MD: DR. RAHUL PATIL Ordering MD: DR. RAHUL PATIL  
Technician: YAMINI/THABITHA Test Type: Treadmill Stress Test  
Comment:

BRUCE: Total Exercise Time 08:03  
Max HR: 148 bpm 85% of max predicted 174 bpm HR at rest: 67  
Max BP: 130/90 mmHg BP at rest: 110/70 Max RPP: 19240 mmHg\*bpm  
Maximum Workload: 10.10 METS  
Max. ST: -1.85 mm, 0.00 mV/s in II; EXERCISE STAGE 2 04:00  
Arrhythmia: A:187, VBIG:2, PVC:11, PSVC:3  
ST/HR index: 1.50  $\mu$ V/bpm

Reasons for Termination: Dyspnea

Summary: Resting ECG: normal Functional Capacity: normal HR Response to Exercise: appropriate BP Response to Exercise: normal resting BP - appropriate response. Chest Pain: none Arrhythmias: none ST Changes: none Overall

BASELINE EXERCISE	MAX ST EXERCISE	PEAK EXERCISE	TEST END RECOVERY	BASELINE EXERCISE	MAX ST EXERCISE	PEAK EXERCISE	TEST END RECOVERY
10/70 mmHg 133 bpm 134 bpm	120/80 mmHg 148 bpm	130/90 mmHg 148 bpm	72 bpm	64 bpm 110/70 mmHg	133 bpm 120/80 mmHg	148 bpm 130/90 mmHg	72 bpm
I -0.50 -0.07	I -0.20 0.11	I 0.00 -0.06	I 0.00 -0.06	V1 0.10 0.00	V1 1.20 -0.26	V1 0.75 0.23	V1 0.30 -0.50
II -1.85 0.31	II -1.35 0.78	II -0.25 0.22	II -0.25 0.22	V2 0.10 0.12	V2 0.65 0.23	V2 0.50 0.57	V2 0.20 0.01
III -1.75 -0.56	III -1.15 0.55	III -0.20 0.11	III -0.20 0.11	V3 0.00 -0.08	V3 0.20 -0.04	V3 0.00 0.87	V3 0.00 -0.04
aVR 1.15 -0.58	aVR 0.75 -0.58	aVR 0.10 -0.56	aVR 0.10 -0.56	V4 -0.10 -0.03	V4 -0.40 0.51	V4 -0.80 0.73	V4 -0.25 0.23
aVL 0.05 0.14	aVL 0.65 0.20	aVL 0.10 -0.19	aVL 0.10 -0.19	V5 -0.10 -0.10	V5 -0.45 0.34	V5 -0.80 0.73	V5 -0.45 0.03
aVF -0.15 -0.12	aVF -1.75 0.27	aVF -1.25 0.71	aVF -0.25 0.20	V6 -0.10 -0.01	V6 0.20 -1.19	V6 -0.30 0.56	V6 -0.30 0.16

Unconfirmed

Attending MD: DR. RAHUL PATIL



**MRS. DEEPA SINGH DANGI,**  
Patient ID 21036

23.03.2024  
3:18:51pm  
Female 159 cm 75.3 kg  
46yrs Indian

Meds:

Test Reason: Screening for CAD

Medical History: NO H/O DM & HTN

Ref. MD: DR. RAHUL PATIL Ordering MD: DR. RAHUL PATIL  
Technician: YAMINI/THABITHA Test Type: Treadmill Stress Test  
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Location Number: \* 0 \*