

Dr. Vimmi Goel
MBBS, MD (Internal Medicine)
Sr. Consultant Non Invasive Cardiology
Reg. No: MMC- 2014/01/0113



Name: Mr Satish Kumar Manwar Date: 14/01/23

Age: 43y Sex: M F Weight: 69.2 kg Height: 159.1 inc BMI: 27.3

BP: 120/80 mmHg Pulse: 64 bpm RBS: _____ mg/dl

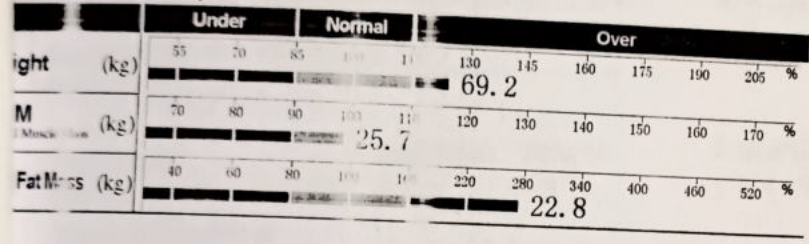
SPO₂ - 100%

ID 131476	Height 159.1cm	Age 41	Gender Male	Test Date / Time 14.01.2023 12:44
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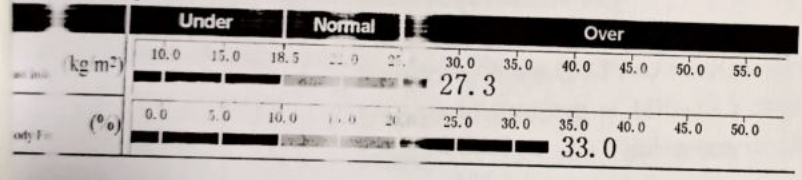
Body Composition Analysis

Total amount of water in my body	Total Body Water (L)	34.0 (31.3~38.3)
What I need to build muscles	Protein (kg)	9.2 (8.4~10.2)
What I need for strong bones	Mineral (kg)	3.16 (2.90~3.54)
Where my excess energy is stored	Body Fat Mass (kg)	22.8 (6.7~13.4)
Sum of the above	Weight (kg)	69.2 (47.3~64.1)

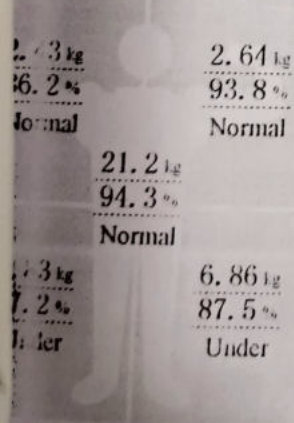
Muscle-Fat Analysis



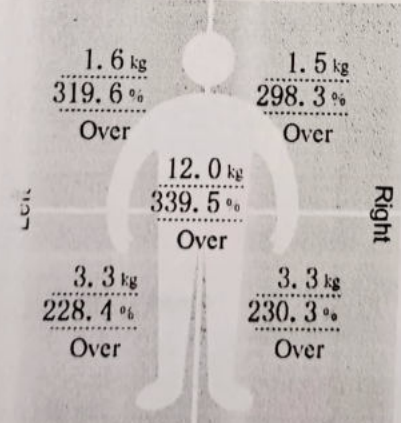
Obesity Analysis



Segmental Lean Analysis



Segmental Fat Analysis



* Segmental fat is estimated.

InBody Score

65/100 Points

* Total score that reflects the evaluation of body composition. A muscular person may score over 100 points.

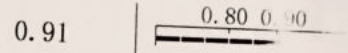
Weight Control

Target Weight	55.7 kg
Weight Control	-13.5 kg
Fat Control	-14.5 kg
Muscle Control	+1.0 kg

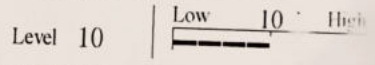
Obesity Evaluation

BMI	<input type="checkbox"/> Normal	<input type="checkbox"/> Under	<input checked="" type="checkbox"/> Slightly Over	<input type="checkbox"/> Over
PBF	<input type="checkbox"/> Normal	<input type="checkbox"/> Slightly Over	<input checked="" type="checkbox"/> Over	

Waist-Hip Ratio



Visceral Fat Level



Research Parameters

Fat Free Mass	46.4 kg
Basal Metabolic Rate	1371 kcal (1513~1768)
Obesity Degree	124% (90~110)
SMI	7.4 kg/m ²
Recommended calorie intake	1927 kcal

Calorie Expenditure of Exercise

Exercise	Calories
Golf	122
Walking	138
Badminton	156
Tennis	208
Boxing	208
Mountain Climbing	226
Aerobics	242
Soccer	242
Japanese Fencing	316
Squash	316
Gateball	131
Yoga	138
Table Tennis	156
Bicycling	208
Basketball	208
Jumping Rope	242
Jogging	242
Swimming	242
Racketball	316
Taekwondo	316

* Based on your current weight
* Based on 30 minute duration

Impedance

	RA	LA	TR	RL	LL
Z(Ω) 20kHz	297.3	323.8	24.5	245.2	244.6
100kHz	267.4	294.0	21.2	215.6	215.8

Composition History

Category	Value	Date/Time
Weight (kg)	69.2	14.01.23 12:44
Muscle Mass (kg)	25.7	
Fat Mass (%)	33.0	



MC-4807

CLINICAL DIAGNOSTIC LABORATORY
DEPARTMENT OF BIOCHEMISTRY

Patient Name : Mr. SATISH KUMAR MANWAR	Age /Gender : 43 Y(s)/Male
Bill No/ UMR No : BIL2223009640/UMR2223131476	Referred By : Dr. Vimmi Goel MBBS,MD
Received Dt : 14-Jan-23 01:11 pm	Report Date : 14-Jan-23 02:26 pm

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
Post Prandial Plasma Glucose	Plasma	106	< 140 mg/dl	GOD/POD, Colorimetric

Interpretation:
Clinical Decision Value as per ADA Guidelines 2021
Diabetes Mellites If,
Fasting \geq 126 mg/dl
Random/2Hrs.OGTT \geq 200 mg/dl
Impaired Fasting = 100-125 mg/dl
Impaired Glucose Tolerance = 140-199 mg/dl

*** End Of Report ***

Suggested Clinical Correlation * If necessary, Please discuss
Verified By : : 11100028
Test results related only to the item tested.
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Dr. GAURI HARDAS, MBBS,MD
CONSULTANT PATHOLOGIST



MC-4807

CLINICAL DIAGNOSTIC LABORATORY
DEPARTMENT OF PATHOLOGY

Patient Name : Mr. SATISH KUMAR MANWAR
Age / Gender : 43 Y(s)/Male
Bill No/ UMR No : BIL2223009640/UMR2223131476
Referred By : Dr. Vimmi Goel MBBS,MD
Received Dt : 14-Jan-23 09:35 am
Report Date : 14-Jan-23 10:55 am

HAEMOGRAM

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
Haemoglobin	Blood	14.4	13.0 - 17.0 gm%	Photometric
Haematocrit(PCV)		42.0	40.0 - 50.0 Vol%	Calculated
RBC Count		4.94	4.5 - 5.5 Millions/cumm	Photometric
Mean Cell Volume (MCV)		85	83 - 101 fl	Calculated
Mean Cell Haemoglobin (MCH)		29.1	27 - 32 pg	Calculated
Mean Cell Haemoglobin Concentration (MCHC)		34.3	31.5 - 35.0 g/l	Calculated
RDW		14.6	11.5 - 14.0 %	Calculated
Platelet count		295	150 - 450 10 ³ /cumm	Impedance
WBC Count		4100	4000 - 11000 cells/cumm	Impedance

DIFFERENTIAL COUNT

Neutrophils	47.6	50 - 70 %	Flow Cytometry/Light microscopy
Lymphocytes	44.5	20 - 40 %	Flow Cytometry/Light microscopy
Eosinophils	3.5	1 - 6 %	Flow Cytometry/Light microscopy
Monocytes	4.4	2 - 10 %	Flow Cytometry/Light microscopy
Basophils	0.0	0 - 1 %	Flow Cytometry/Light microscopy
Large Immature cells	0.0		Flowcytometry



CLINICAL DIAGNOSTIC LABORATORY
DEPARTMENT OF PATHOLOGY

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Received Dt : 14-Jan-23 09:35 am	Report Date : 14-Jan-23 10:55 am

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
Absolute Neutrophil Count		1951.6	2000 - 7000 /cumm	Calculated
Absolute Lymphocyte Count		1824.5	1000 - 4800 /cumm	Calculated
Absolute Eosinophil Count		143.5	20 - 500 /cumm	Calculated
Absolute Monocyte Count		180.4	200 - 1000 /cumm	Calculated
Absolute Basophil Count		0	0 - 100 /cumm	Calculated
<u>PERIPHERAL SMEAR</u>				
RBC		Normochromic Normocytic		
Anisocytosis		Anisocytosis +(Few)		
WBC		As Above		
Platelets		Adequate		
ESR		04	0 - 15 mm/hr	Automated Westergren's Method
*** End Of Report ***				

Suggested Clinical Correlation * If necessary, Please discuss

Verified By : : 11100245

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Dr. VAIDEHEE NAIK, MBBS,MD
CONSULTANT PATHOLOGIST



CLINICAL DIAGNOSTIC LABORATORY

DEPARTMENT OF BIOCHEMISTRY

Patient Name : Mr. SATISH KUMAR MANWAR	Age / Gender : 43 Y(s)/Male
Bill No/ UMR No : BIL2223009640/UMR2223131476	Referred By : Dr. Vimmi Goel MBBS,MD
Received Dt : 14-Jan-23 09:34 am	Report Date : 14-Jan-23 11:50 am

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
Fasting Plasma Glucose	Plasma	98	< 100 mg/dl	GOD/POD,Colorimetric
GLYCOSYLATED HAEMOGLOBIN (HBA1C)				
HbA1c		5.3	Non-Diabetic : <= 5.6 % Pre-Diabetic : 5.7 - 6.4 % Diabetic : >= 6.5 %	HPLC
LIPID PROFILE				
Total Cholesterol		153	< 200 mg/dl	Enzymatic(CHE/CHO/POD)
Triglycerides		61	< 150 mg/dl	Enzymatic (Lipase/GK/GPO/POD)
HDL Cholesterol Direct		43	> 40 mg/dl	Phosphotungstic acid/mgcl-Enzymatic (microslide)
LDL Cholesterol Direct		82.51	< 100 mg/dl	Enzymatic
VLDL Cholesterol		12	< 30 mg/dl	Calculated
Tot Chol/HDL Ratio		4	3 - 5	Calculation
RFT				
Blood Urea		35	19.0 - 43.0 mg/dl	Urease with indicator dye
Creatinine		0.88	0.66 - 1.25 mg/dl	Enzymatic (creatinine amidohydrolase)
GFR		109.4		Calculation by CKD-EPI 2021
Sodium		141	136 - 145 mmol/L	Direct ion selective electrode
Potassium		4.27	3.5 - 5.1 mmol/L	Direct ion selective electrode
LIVER FUNCTION TEST(LFT)				
Total Bilirubin		0.55	0.2 - 1.3 mg/dl	Azobilirubin/Dyphylline
Direct Bilirubin		0.16	0.1 - 0.3 mg/dl	Calculated
Indirect Bilirubin		0.39	0.1 - 1.1 mg/dl	Duel wavelength spectrophotometric
Alkaline Phosphatase		99	38 - 126 U/L	pNPP/AMP buffer
SGPT/ALT		30	10 - 40 U/L	Kinetic with pyridoxal 5 phosphate
SGOT/AST		23	15 - 40 U/L	Kinetic with pyridoxal 5 phosphate
Serum Total Protein		7.19	6.3 - 8.2 gm/dl	Biuret (Alkaline cupric sulphate)
Albumin Serum		4.28	3.5 - 5.0 gm/dl	Bromocresol green Dye
Globulin		2.90	2.0 - 4.0 gm/dl	Calculated
A/G Ratio		1.48		Calculated
THYROID PROFILE				
T3		0.963	0.55 - 1.70 ng/ml	Enhanced chemiluminescence
Free T4		1.03	0.80 - 1.70 ng/dl	Enhanced Chemiluminescence

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CLINICAL DIAGNOSTIC LABORATORY
DEPARTMENT OF BIOCHEMISTRY

Patient Name : Mr. SATISH KUMAR MANWAR	Age /Gender : 43 Y(s)/Male
Bill No/ UMR No : BIL2223009640/UMR2223131476	Referred By : Dr. Vimmi Goel MBBS,MD
Received Dt : 14-Jan-23 09:35 am	Report Date : 14-Jan-23 11:50 am

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
TSH		3.18	0.50 - 4.80 uIU/ml	Enhanced chemiluminescence

*** End Of Report ***

Suggested Clinical Correlation * If necessary, Please discuss
 Verified By : : 11100026
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Dr. Anuradha Deshmukh, MBBS,MD
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 SPANV Medicaparc Lifesciences Private Limited
 Parwana Bhawan, Kingsway, Nagpur - 440 001, Maharashtra, India.
 Phone: +91 0712 6789100
 CIN: U74999MH2018PTC303510



MC-4807

CLINICAL DIAGNOSTIC LABORATORY
DEPARTMENT OF PATHOLOGY

Patient Name : Mr. SATISH KUMAR MANWAR
Age /Gender : 43 Y(s)/Male
Bill No/ UMR No : BIL2223009640/UMR2223131476
Referred By : Dr. Vimmi Goel MBBS,MD
Received Dt : 14-Jan-23 11:10 am
Report Date : 14-Jan-23 12:05 pm

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Method</u>
URINE MICROSCOPY			
PHYSICAL EXAMINATION			
Volume	Urine	30 ml	
Colour.		yellow	
Appearance		Clear	
CHEMICAL EXAMINATION			
Reaction (pH)	Urine	5	Indicators
Specific gravity		1.015	ion concentration
Urine Protein		Negative	protein error of pH indicator
Sugar		Negative	GOD/POD
Bilirubin		Negative	Diazonium
Ketone Bodies		Negative	Legal's est Principle
Nitrate		Negative	
Urobilinogen		Normal	Ehrlich's Reaction
MICROSCOPIC EXAMINATION			
Epithelial Cells	Urine	0-1	0 - 4 /hpf
R.B.C.		Absent	0 - 4 /hpf
Pus Cells		0-1	0 - 4 /hpf
Casts		Absent	Manual
Crystals		Absent	Manual
USF(URINE SUGAR FASTING)			
Urine Glucose	Urine	Negative	GOD/POD

*** End Of Report ***

Suggested Clinical Correlation * If necessary, Please discuss
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Dr. Anuradha Deshmukh, MBBS,MD
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CONSULTANT MICROBIOLOGIST
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Phone: +91 0712 6789100
CIN: U74999MH2018PTC303510



MC-4807

CLINICAL DIAGNOSTIC LABORATORY
DEPARTMENT OF IMMUNO HAEMATOLOGY

Patient Name : Mr. SATISH KUMAR MANWAR

Bill No/ UMR No : BIL2223009640/UMR2223131476

Received Dt : 14-Jan-23 09:35 am

Age /Gender : 43 Y(s)/Male

Referred By : Dr. Vimmi Goel MBBS,MD

Report Date : 14-Jan-23 12:16 pm

BLOOD GROUPING AND RH

Parameter
BLOOD GROUP.

Specimen **Results**

EDTA Whole " O "
Blood &
Plasma/
Serum

Gel Card Method

Rh (D) Typing.

" Positive "(+Ve)

*** End Of Report ***

Suggested Clinical Correlation * If neccessary, Please discuss

Verified By : : 11100511

Test results related only to the item tested.

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Dr. GAURI HARDAS, MBBS,MD
CONSULTANT PATHOLOGIST

NAME OF PATIENT:	SATISH KUMAR MANWAR	AGE & SEX:	43 YRS/MALE
UMR NO:		BILL NO:	
REF BY:	DR VIMMI GOEL	DATE:	14/JAN/2023

X- RAY CHEST (PA VIEW)

Both the lung fields are clear.

Cardiac silhouette and Aorta are normal.

Both hilar shadows appear normal.

Diaphragm domes and CP angles are clear.

Bony cage is normal.

IMPRESSION -

No pleuro-parenchymal abnormality seen.



Dr.R.R. KHANDELWAL
SENIOR CONSULTANT
MD RADIO DIAGNOSIS [MMC-55870]

NAME OF PATIENT:	SATISH KUMAR MANWAR	AGE & SEX:	43 YRS/MALE
UMR NO:	2223131476	BILL NO	2223009640
REF BY:	DR VIMMI GOEL	DATE:	14/JAN/2023

USG WHOLE ABDOMEN

LIVER is normal in size shape and echotexture.
No evidence of any focal lesion seen. Intrahepatic biliary radicals are not dilated.
PORTAL VEIN and CBD are normal in course and caliber.

GALL BLADDER is physiologically distended. No stones or sludge seen within it.
Wall thickness is within normal limits.

PANCREAS is normal in shape, size and echotexture.

SPLEEN is normal in size shape and echotexture. No focal lesion seen.

Both KIDNEYS are normal in shape, size and echotexture.
No evidence of calculus or hydronephrosis seen.
URETERS are not dilated.

BLADDER is partially distended. No calculus or mass lesion seen.

Prostate is normal in size, shape and echotexture.

There is no free fluid or abdominal lymphadenopathy seen.

IMPRESSION:

No significant visceral abnormality seen.
Suggest clinical correlation / further evaluation.



Dr.R.R. KHANDELWAL
SENIOR CONSULTANT
MD RADIO DIAGNOSIS [MMC-55870]

Kingsway Hospitals
44 Kingsway, Mohan Nagar,
Near Kasturba Park, Nagpur

Station
Telephone:

EXERCISE STRESS TEST REPORT

Patient Name: Mr. Satish Kumar, Manwar
Patient ID: 131476
Height:
Weight:
Study Date: 14.01.2023
Test Type: Treadmill Stress Test
Protocol: BRUCE

DOB: 30.09.1979
Age: 43yrs
Gender: Male
Race: Indian
Referring Physician: Mediwheel HCU
Attending Physician: Dr. Vimmi Goel
Technician: --

Medications:

Medical History:

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	00:03	0.00	0.00	70	120/80	
	WARM-UP	00:04	0.00	0.00	69		
EXERCISE	STAGE 1	03:00	1.70	10.00	110	120/80	
	STAGE 2	03:00	2.50	12.00	136	130/80	
	STAGE 3	02:58	3.40	14.00	157	140/80	
RECOVERY		01:00	0.00	0.00	123		
		02:00	0.00	0.00	96	120/80	
		00:18	0.00	0.00	92		

The patient exercised according to the BRUCE for 8:57 min:s, achieving a work level of Max. METS: 10.10. The resting heart rate of 71 bpm rose to a maximal heart rate of 160 bpm. This value represents 90 % of the maximal, age-predicted heart rate. The resting blood pressure of 120/80 mmHg, rose to a maximum blood pressure of 140/80 mmHg. The exercise test was stopped due to Target heart rate achieved.

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: Insignificant ST-T changes seen..
Overall impression: Normal stress test.

Conclusions:

TMT is negative for inducible ischemia.
Insignificant ST-T changes seen.