

2D ECHOCARDIOGRAPHY AND COLOR DOPPLER REPORT

Patient Name : Mr. Vivek S. Mahajan
Age : 38 years / Male
UHID : KH112257
Date : 10/08/2022
Done by : Dr. Vimmi Goel
ECG : NSR, WNL

BSA:- 1.83 m²

Impression:

NORMAL LV DIMENSIONS
BORDERLINE LEFT VENTRICULAR HYPERTROPHY
NO RWMA OF LV AT REST
GOOD LV SYSTOLIC FUNCTION, LVEF 66%
NORMAL LV DIASTOLIC FUNCTION
E/A IS 1.1
E/E' IS 7.7 (Normal filling pressure)
TRIVIAL MR
VALVES ARE NORMAL
NO PULMONARY HYPERTENSION
IVC IS NORMAL IN SIZE AND COLLAPSING WELL WITH RESPIRATION
NO CLOTS OR PERICARDIAL EFFUSION

Comments:

Sector echocardiography was performed in various conventional views (PLAX, SSAX, AP4 CH and 5 CH views). LV size normal. There is no RWMA of LV seen at rest. Good LV systolic function. LVEF 66%. Normal LV diastolic function. E Velocity is 68 cm/s, A Velocity is 61 cm/s. E/A is 1.1. Mild MR. Valves are normal. No Pulmonary Hypertension. IVC normal in size and collapsing well with respiration. Pericardium is normal. No clots or pericardial effusion seen. E' at medial mitral annulus is 6.8 cm/sec & at lateral mitral annulus is 13.1 cm/sec. E/E' is 7.7 (Average).

M Mode echocardiography and dimension:

	Normal range (mm)		Observed (mm)
	(adults)	(children)	
Left atrium	19-40	7-37	33
Aortic root	20-37	7-28	23
LVIDd	35-55	8-47	39
LVIDs	23-39	6-28	25
IVS (d)	6-11	4-8	10
LVPW (d)	6-11	4-8	11
LVEF %	~ 60%	~60%	66%
Fractional Shortening			36%

P.T.O


Dr. Vimmi Goel
MD, Sr. Consultant
Non-invasive Cardiology

Name: Mr. Vivek Mahajan

Date: 10/08/22

Age: 38y Sex M F Weight: 71.4 kg Height: 170.4 in BMI: 24.6

BP: 110/70 mmHg Pulse: 78 bpm RBS: _____ mg/dl

SpO2: 98%



38/M

- No addictions
- Atypical Chest Pain
- AH - not significant, Non HT, Non DM

Eye

Jup°

Chu

W

PIA

N

Adv.

TMT (CSP)

Review c report

M

IM

2D - Borderline LVH.

LDL - 137



InBody

[InBody270]

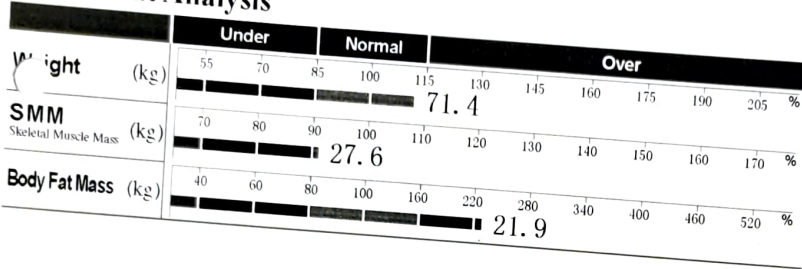
Kingsway Hospital

ID 112257	Height 170.4cm	Age 38	Gender Male	Test Date / Time 10.08.2022 10:08
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Body Composition Analysis

Total amount of water in my body	Total Body Water (L)	36.3 (35.9~43.9)
What I need to build muscles	Protein (kg)	9.8 (9.6~11.8)
What I need for strong bones	Mineral (kg)	3.40 (3.32~4.06)
Where my excess energy is stored	Body Fat Mass (kg)	21.9 (7.7~15.3)
Sum of the above	Weight (kg)	71.4 (54.3~73.5)

Muscle-Fat Analysis



InBody Score

63/100 Points

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

Weight Control

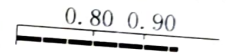
Target Weight	63.9 kg
Weight Control	-7.5 kg
Fat Control	-12.3 kg
Muscle Control	+4.8 kg

Obesity Evaluation

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

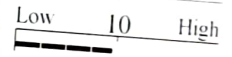
Waist-Hip Ratio

0.97



Visceral Fat Level

Level 9



Research Parameters

Fat Free Mass	49.5 kg
Basal Metabolic Rate	1440 kcal (1550~1812)
Obesity Degree	112% (90~110)
SMI	7.2 kg/m ²
Recommended calorie intake	2081 kcal

Calorie Expenditure of Exercise

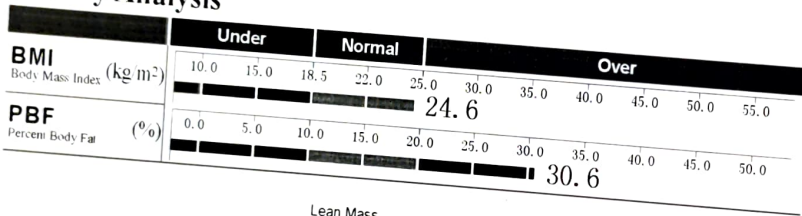
Golf	126	Gateball	136
Walking	143	Yoga	143
Badminton	161	Table Tennis	161
Tennis	214	Bicycling	214
Boxing	214	Basketball	214
Mountain Climbing	233	Jumping Rope	250
Aerobics	250	Jogging	250
Soccer	250	Swimming	250
Japanese Fencing	357	Racketball	357
Squash	357	Taekwondo	357

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

Impedance

	RA	LA	TR	RL	LL
Z(Ω) 20 kHz	338.7	357.5	28.5	291.6	304.2
100 kHz	304.8	322.8	24.8	258.1	269.1

Obesity Analysis



Segmental Lean Analysis

Left	Left FT	2.66 kg 84.8% Under	2.79 kg 89.0% Normal
	Right	23.0 kg 92.1% Normal	7.80 kg 89.5% Under
Right	Left	7.65 kg 87.7% Under	3.0 kg 184.6% Over
	Right	11.7 kg 289.4% Over	3.1 kg 185.9% Over

Segmental Fat Analysis

Left	Left FT	1.5 kg 256.0% Over	1.4 kg 245.4% Over
	Right	11.7 kg 289.4% Over	3.1 kg 185.9% Over
Right	Left	7.65 kg 87.7% Under	3.0 kg 184.6% Over
	Right	11.7 kg 289.4% Over	3.1 kg 185.9% Over

* Segmental fat is estimated.

Body Composition History

Weight (kg)	71.4				
SMM (kg)	27.6				
PBF (%)	30.6				
Recent	10.08.22				
Total	10.08				

44 KINGSWAY, NEAR KASTURCHAND PARK, NAGPUR, NEAR
KASTURCHAND PARK

Nagpur, Maharashtra

India.

Patient Name: Mr Vivek Shivshankar Mahajan

Doctor Name: Dr Ashish Kamble

UHID KH112257	Age 38 Y	Gender Male	Admission No. OPRI-37268
Speciality	Certificate No.		Created on 10-08-2022 10:44 AM

OPHTHALMOLOGY - OPHTHALMOLOGY (REFRACTION)

RIGHT EYE

Sph	Cyl	Axis	Visual Acuity
00	00	00	6 6

LEFT EYE

Sph	Cyl	Axis	Visual Acuity
00	00	00	6 6

Near: Addition

RIGHT

N6

LEFT

N6

Created By

Ashish Kamble

Print Date & Time

10-08-2022 10:44 AM

UHID	KH112257	Order Date & time	10-08-2022
Patient Name	Mr Vivek Shivshankar Mahajan	Sample Collection Date	10-08-2022 09:27 AM
Age/Gender	38 Y/Male	Acknowledge Date	10-08-2022 09:42 AM
Patient Type	OP	Visit No	OP-72925
Ordering Doctor		Refer By	Dr Vimmi Goel
Order Id	ODRID-152926	Accession Number	0126410

Haematology

Service Name	Result	Unit	Reference Range	Method
Haemogram (CBC with ESR), Whole-Blood				
Erythrocytes				
* Haemoglobin	14.7	gm/dl	13-17	Photometric Measurement
* RBC count	5.31	millions/cumm	4.5-5.5	Photometric Measurement
* Packed Cell Volume (PCV/HCT)	43.5	%	40-50	Calculated
* MCV	82 L	fl	83-101	Calculated
* MCH	27.7	pg	27-32	Calculated
* MCHC	33.8	gm/dl	31.5-34.5	Calculated
* RDW	16.1 H	%	11.5-14.0	Calculated
Leucocytes				
* TLC (Total Leukocyte Count)	8500	/cumm	4000-10000	Flow cytometry
* Neutrophils	59.4	%	50-70	
* Lymphocytes	31.4 H	%	25-30	
* Eosinophils	5.1 H	%	1-5	
* Monocytes	4.1 L	%	5-10	
* Basophils	0.0 L	%	1-2	
* Large Immature Cells	0.0	%		
* Absolute Neutrophil Count	5049.00	/cumm	2000-7000	Calculated
* Absolute Lymphocyte Count	2669.00	/cumm	1000-4800	Calculated
* Absolute Eosinophil Count	433.50	/Cumm	20-500	Calculated
* Absolute Monocyte Count	348.50	/cumm	200-1000	Calculated
* Absolute Basophil Count	0.00 L	/cumm	20-100	Calculated
Platelets				
* Platelet Count	379	10 ³ /cumm	150-450	Impedance
* MPV	7.3	fl	6.0-9.5	Calculated
* PCT (Platelet Hematocrit)	0.28	%	0.2-0.5	
* PDW (Platelet Distribution Width)	10.80	%	9-17	
Peripheral Smear Examination				
RBC Morphology				
* Normochromic Normocytic	Seen.			
* Anisocytosis	+ (Few)			
* WBCs	As Above			
* Platelets	Adequate			
* ESR (Westergren)	06	mm/hr	<15	Westergren
* Blood Grouping & RH Factor, Whole Blood & Serum	"A" Rh POSITIVE			Column agglutination test

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Service Name	Result	Unit	Reference Range	Method
* HbA1c (Glycosylated Haemoglobin), Blood	5.7 H	%	Non-Diabetic: <=5.6 % Pre-Diabetic: 5.7-6.4 % Diabetic >=6.5 %	HPLC

Clinical Biochemistry

Service Name	Result	Unit	Reference Range	Method
Fasting Blood Sugar	99.0	mg/dL	<100	GOD/POD, Colorimetric
* Post Prandial Blood Sugar, Plasma	98.0	mg%	<140	GOD/POD, Colorimetric
Lipid Profile, Serum				
Cholesterol	183.00	mg/dL	<200	Enzymatic Method
Triglyceride	153.0 H	mg/dL	Normal Less than 150 mg/dl Borderline High 150 - 199 mg/dl High 200 - 499 mg/dl Very High More than 499 mg/dl	Enzymatic(Lipase/GK/GPO/POD)
HDL Cholesterol Direct	24.0 L	mg/dL	Major risk factor for Heart disease <40 mg/dl (Males) Major risk factor for Heart disease <50 mg/dl (Female) Negative risk factor for Heart disease >60 mg/dl	Phosphotungstic acid/mgcl-Enzymatic (microslide)
LDL Cholesterol (Calculated)	137.6 H	mg/dL	Optimal <100 mg/dl Near optimal 100 - 129 mg/dl Borderline high 130 - 159 mg/dl High 60 - 189 mg/dl Very High >190 mg/dl	Enzymatic
VLDL	31.00 H	mg/dL	<30	Calculated
Cholesterol/HDL Ratio	8.00 H		3-5	Calculated
Non HDL	159.00	mg/dL		Calculated
Kidney Function Test (KFT), Serum				
Blood Urea	15.00 L	mg/dL	19-43	Urease with indicator dye
Creatinine	0.80	mg/dL	0.66-1.25	Enzymatic (creatinine amidohydrolase)
eGFR	113.32	mL/min/1.73m ²		Calculated
Sodium	143	mmol/L	136-145	Direct ion selective electrode
Potassium	4.47	mmol/L	3.5-5.1	Direct ion selective electrode
Liver Function test, Serum				
Total Bilirubin	0.47	mg/dL	0.2-1.3	Azobilirubin/Dyphylline
Bilirubin Direct	0.30	mg/dL	0.1-0.3	Calculated
Bilirubin Indirect	0.17	mg/dL	0.1-1.1	Dual wavelength Spectrophotometric
SGOT (AST)	30	U/L	15-40	Kinetic with pyridoxal 5 phosphate
SGPT (ALT)	28	U/L	10-40	Kinetic with pyridoxal 5 phosphate
Alkaline Phosphatase	76.00	U/L	38-126	Pnpp/AMP buffer
Total Protein	7.67	gm/dl	6.3-8.2	Biuret(Alkaline cupric Sulfate)
Albumin	4.13	gm/dl	3.5-5.0	Bromocresol green dye binding
Globulin	3.54	gm/dl	2-4	Calculated

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Age/Gender	38 Y/Male	Acknowledge Date	10-08-2022 09:42 AM
Patient Type	OP	Visit No	OP-72925
Ordering Doctor		Refer By	Dr Vimmi Goel
Order Id	ODRID-152926	Accession Number	0126410

Service Name	Result	Unit	Reference Range	Method
Albumin/Globulin Ratio	1.20			Calculated
Thyroid Function Test (T3,FT4,TSH), Serum				
* T3	0.94	ng/mL	0.55-1.7	Enhanced chemiluminescence
* Free T4	1.01	ng/dL	0.8-1.7	Enhanced chemiluminescence
* Thyroid Stimulating Hormone (TSH)	2.31	uIU/mL	0.5-4.8	Enhanced chemiluminescence

Clinical Pathology

Service Name	Result	Unit	Reference Range	Method
Urine Routine and Microscopy, Urine				
Physical Examination				
Volume	20 ml			
Appearance	Clear			
Colour	Yellow			
PH	6.0	NA	4.6-8.0	
Specific Gravity	1.015 L	NA	1.016-1.022	Iodometric method
Chemical Examination				
Protein	Negative	mg/dL		
Glucose	Negative			
Ketone	Negative			
Bilirubin	Negative			
Urobilinogen	Normal			
Nitrate	Negative			
Microscopic Examination				
Pus Cells	0-1	/ hpf		
Epithelial Cells	0-1	/ hpf		
Red Blood Cells	Absent	/ hpf		
Crystal	Absent			
Cast	Absent	/hpf		
Bacteria	Absent			
Other				
Urine Sugar Fasting, Urine	Absent			GOD/POD
Urine Post Prandial Sugar, Urine	Absent			GOD/POD



Dr Vaidehee Naik
 Consultant Pathologist
 2015/05/2163



Dr Purva Jaiswal
 Consultant Pathologist
 2018/10/5141



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PERSONALISING HEALTHCARE

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CIN U74999MH2018PTC303510

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Emergency No: 0712-6789200

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44, Kingsway, Near Kasturchand Park, Nagpur, Maharashtra, India - 440 001.

Phone: + 91 7126789100 | Email: info@kingswayhospitals.com | web: www.kingswayhospitals.com

UHID	KH112257	Patient Name	Mr Vivek Shivshankar Mahajan
Age	38 Y	Gender	Male
Payer Name	Self	Payer Type	cash
Order Date & time	10-08-2022 12:00 AM	Acknowledge Date	10-08-2022 10:06 AM
Refer By	Dr Vimmi Goel	Accession Number	OPRDAC-12732
DOB		Patient Type	OP
Order Id	ODRID-152926		

X-Ray Chest AP

Both the lung fields are clear.

Heart 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 Rajkumar Khandelwal
Senior Consultant
MD
55870

UHD	KH112257	Patient Name	Mf Vivek Shivshankar
Age	38 Y	Gender	Male
Payer Name	Self	Payer Type	cash
Order Date & time	10-08-2022 12:00 AM	Acknowledge Date	10-08-2022 10:25 AM
Refer By	Dr Vinmit Goel	Accession Number	OPRDAC-12733
DOB		Patient Type	OP
Order Id	ODRID-152926		

USG Whole Abdomen

LIVER is normal in size, shape but show mild increase in 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. No focal lesion seen.

SPLEEN is normal in size shape and echotexture.

Both KIDNEY'S 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:

Mild fatty infiltration in liver.

No other significant visceral / further evaluation.

Suggest clinical correlation / further evaluation.



Dr Rajkumar Khandeival
Senior Consultant
MD
55870

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112257
38 Years

MR VIVEK MAHAJAN
Male

10-Aug-22 9:49:07 AM

Kingsway Hospital (Cardiology)

Rate 74 . Sinus rhythm.....normal P axis, V-rate 50-99
 . ST elev, probable normal early repol pattern.....ST elevation, age<55
 . Baseline wander in lead(s) V3,V4

PR 165
 QRSD 79
 QT 389
 QTc 432

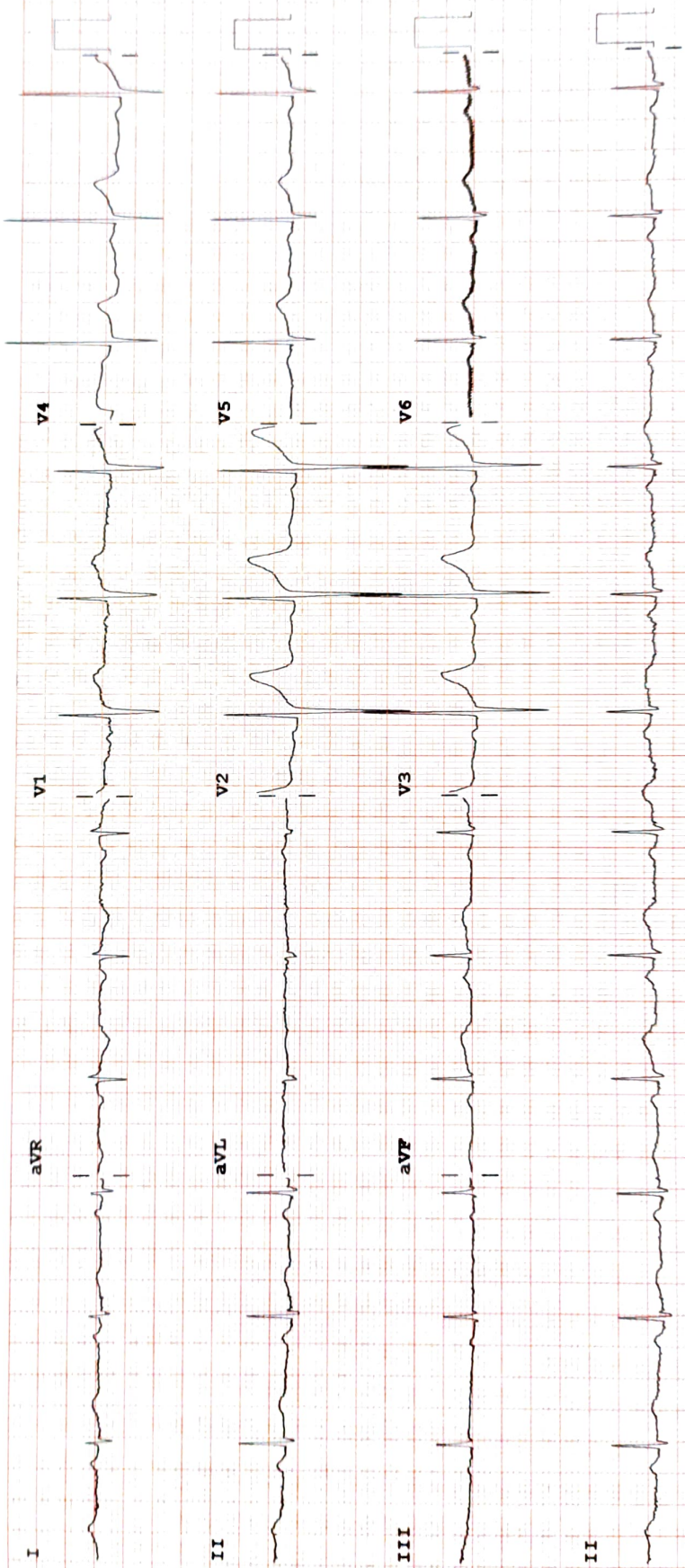
--AXIS--

P 52
 QRS 82
 T 51

12 Lead; Standard Placement

- NORMAL ECG -

Unconfirmed Diagnosis



Device:

Speed: 25 mm/sec

Limb: 10 mm/mV

Chest: 10.0 mm/mV

F 50~ 0.50-150 Hz W

100B CL

P?