

Add: M-214/215,Sec G Lda Colony Near Power House Chauraha Kanpur Road Ph: 9235432707, CIN : U85110DL2003PLC308206



Patient Name	: Mr.NARENDRA SINGH	Registered On	: 08/Sep/2023 08:38:01
Age/Gender	: 42 Y 0 M 0 D /M	Collected	: 08/Sep/2023 08:50:33
UHID/MR NO	: CDCA.0000063788	Received	: 08/Sep/2023 10:20:24
Visit ID	: CDCA0181712324	Reported	: 08/Sep/2023 14:38:15
Ref Doctor	: Dr.Mediwheel - Arcofemi Health Care Ltd.	Status	: Final Report

## DEPARTMENT OF HAEM ATOLOGY

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

				Mathad
Test Name	Result	Unit	Bio. Ref. Interval	Method
Blood Group (ABO & Rh typing) * , Blo	ood			
Blood Group	А			ERYTHROCYTE
				MAGNETIZED
				TECHNOLOGY / TUBE
				AGGLUTINA
Rh ( Anti-D)	POSITIVE			ERYTHROCYTE
				MAGNETIZED
				TECHNOLOGY / TUBE
				AGGEOTINA
Complete Blood Count (CBC) * , Whole	Blood			
Haemoglobin	14.40	g/dl	1 Day- 14.5-22.5 g/dl	
			1 Wk- 13.5-19.5 g/dl	
		XXX	1 Mo- 10.0-18.0 g/dl	
			3-6 Mo- 9.5-13.5 g/dl	
			0.5-2 Yr- 10.5-13.5 g/dl	
			2-6 Yr- 11.5-15.5 g/dl	
			6-12 Yr- 11.5-15.5 g/dl 12-18 Yr 13.0-16.0 g/dl	
			Male- 13.5-17.5 g/dl	
			Female- 12.0-15.5 g/dl	
TLC (WBC)	5,800.00	/Cu mm	4000-10000	ELECTRONIC IMPEDANCE
DLC				
Polymorphs (Neutrophils )	52.00	%	55-70	ELECTRONIC IMPEDANCE
Lymphocytes	29.00	%	25-40	ELECTRONIC IMPEDANCE
Monocytes	4.00	%	3-5	ELECTRONIC IMPEDANCE
Eosinophils	15.00	%	1-6	ELECTRONIC IMPEDANCE
Basophils	0.00	%	<1	ELECTRONIC IMPEDANCE
ESR				
Observed	10.00	Mm for 1st hr.		
Corrected	6.00	Mm for 1st hr.	<9	
PCV (HCT)	42.00	%	40-54	
Platelet count				
Platelet Count	1.6	LACS/cu mm	1.5-4.0	ELECTRONIC IMPEDANCE/MICROSCOPIC
PDW (Platelet Distribution width)	16.50	fL	9-17	ELECTRONIC IMPEDANCE
P-LCR (Platelet Large Cell Ratio)	51.50	%	35-60	ELECTRONIC IMPEDANCE
(				





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MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Result	Unit	Bio. Ref. Interval	Method
0.22	%	0.108-0.282	ELECTRONIC IMPEDANCE
13.70	fL	6.5-12.0	ELECTRONIC IMPEDANCE
4.50	Mill./cu mm	4.2-5.5	ELECTRONIC IMPEDANCE
93.33	۶I	80-100	CALCULATED PARAMETER
32.00	pg	28-35	CALCULATED PARAMETER
34.28	%	30-38	CALCULATED PARAMETER
11.90	%	11-16	ELECTRONIC IMPEDANCE
41.10	fL	35-60	ELECTRONIC IMPEDANCE
3,016.00	/cu mm	3000-7000	
870.00	/cu mm	40-440	
	0.22 13.70 4.50 93.33 32.00 34.28 11.90 41.10 3,016.00	0.22 % 13.70 fL 4.50 Mill./cu mm 93.33 fl 32.00 pg 34.28 % 11.90 % 41.10 fL 3,016.00 /cu mm	0.22       %       0.108-0.282         13.70       fL       6.5-12.0         4.50       Mill./cu mm       4.2-5.5         93.33       fl       80-100         32.00       pg       28-35         34.28       %       30-38         11.90       %       11-16         41.10       fL       35-60         3,016.00       /cu mm       3000-7000

Dr. R.K. Khanna (MBBS,DCP)

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UHID/MR NO	: CDCA.0000063788	Received	: 08/Sep/2023 17:04:51
Visit ID	: CDCA0181712324	Reported	: 08/Sep/2023 17:49:09
Ref Doctor	: Dr.Mediwheel - Arcofemi Health Care Ltd.	Status	: Final Report

#### DEPARTMENT OF BIOCHEMISTRY

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
GLUCOSE FASTING * , Plasma				
Glucose Fasting	106.25	mg/dl	< 100 Normal 100-125 Pre-diabetes ≥ 126 Diabetes	GOD POD

#### Interpretation:

a) Kindly correlate clinically with intake of hypoglycemic agents, drug dosage variations and other drug interactions.
b) A negative test result only shows that the person does not have diabetes at the time of testing. It does not mean that the person will never get diabetics in future, which is why an Annual Health Check up is essential.
c) I.G.T = Impared Glucose Tolerance.

Gucose PP * Sample:Plasma After Meal	112.00	mg/dl	<140 Normal 140-199 Pre-diabetes >200 Diabetes	GOD POD

#### Interpretation:

a) Kindly correlate clinically with intake of hypoglycemic agents, drug dosage variations and other drug interactions.b) A negative test result only shows that the person does not have diabetes at the time of testing. It does not mean that the person will never get diabetics in future, which is why an Annual Health Check up is essential.c) I.G.T = Impared Glucose Tolerance.

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Home Sample Collection 1800-419-0002



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#### DEPARTMENT OF BIOCHEMISTRY

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
GLYCOSYLATED HAEM OGLOBIN (HBA1C) *	*, EDTA BLOOD			
Glycosylated Haemoglobin (HbA1c)	6.00	% NGSP		HPLC (NGSP)
Glycosylated Haemoglobin (HbA1c)	42.00	mmol/mol/IFCC		
Estimated Average Glucose (eAG)	125	mg/dl		

#### Interpretation:

#### NOTE:-

- eAG is directly related to A1c.
- An A1c of 7% -the goal for most people with diabetes-is the equivalent of an eAG of 154 mg/dl.
- eAG may help facilitate a better understanding of actual daily control helping you and your health care provider to make necessary changes to your diet and physical activity to improve overall diabetes mnagement.

The following ranges may be used for interpretation of results. However, factors such as duration of diabetes, adherence to therapy and the age of the patient should also be considered in assessing the degree of blood glucose control.

Haemoglobin A1C (%)NGSP	mmol/mol / IFCC Unit	eAG (mg/dl)	<b>Degree of Glucose Control Unit</b>
> 8	>63.9	>183	Action Suggested*
7-8	53.0 -63.9	154-183	Fair Control
< 7	<63.9	<154	Goal**
6-7	42.1 -63.9	126-154	Near-normal glycemia
< 6%	<42.1	<126	Non-diabetic level

\*High risk of developing long term complications such as Retinopathy, Nephropathy, Neuropathy, Cardiopathy, etc. \*\*Some danger of hypoglycemic reaction in Type 1 diabetics. Some glucose intolerant individuals and "subclinical" diabetics may demonstrate HbA1C levels in this area.

N.B.: Test carried out on Automated VARIANT II TURBO HPLC Analyser.

#### **<u>Clinical Implications:</u>**

\*Values are frequently increased in persons with poorly controlled or newly diagnosed diabetes.

\*With optimal control, the HbA 1c moves toward normal levels.

\*A diabetic patient who recently comes under good control may still show higher concentrations of glycosylated hemoglobin. This level declines gradually over several months as nearly normal glycosylated \*Increases in glycosylated hemoglobin occur in the following nondiabetic conditions: a. Iron-deficiency anemia b. Splenectomy







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#### DEPARTMENT OF BIOCHEMISTRY

#### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method

c. Alcohol toxicity d. Lead toxicity

\*Decreases in A 1c occur in the following non-diabetic conditions: a. Hemolytic anemia b. chronic blood loss

\*Pregnancy d. chronic renal failure. Interfering Factors:

\*Presence of Hb F and H causes falsely elevated values. 2. Presence of Hb S, C, E, D, G, and Lepore (autosomal recessive mutation resulting in a hemoglobinopathy) causes falsely decreased values.

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## DEPARTMENT OF BIOCHEMISTRY

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Test Name	Result	Unit	Bio. Ref. Interval	Method
BUN (Blood Urea Nitrogen) * <i>Sample:Serum</i>	10.20	mg/dL	7.0-23.0	CALCULATED
Creatinine * Sample:Serum	1.07	mg/dl	Serum 0.7-1.3 Spot Urine-Male- 20-275 Female-20-320	MODIFIED JAFFES
Uric Acid * Sample:Serum	5.50	mg/dl	3.4-7.0	URICASE
LFT (WITH GAMMA GT) * , Serum				
SGOT / Aspartate Aminotransferase (AST) SGPT / Alanine Aminotransferase (ALT)	28.36 27.38	U/L U/L	< 35 < 40	IFCC WITHOUT P5P IFCC WITHOUT P5P
Gamma GT (GGT) Protein	35.02 6.23	IU/L gm/dl	11-50 6.2-8.0	OPTIMIZED SZAZING BIURET
Albumin	4.42	gm/dl	3.4-5.4	B.C.G.
Globulin	1.81	gm/dl	1.8-3.6	CALCULATED
A:G Ratio	2.44		1.1-2.0	CALCULATED
Alkaline Phosphatase (Total)	85.04	U/L	42.0-165.0	IFCC METHOD
Bilirubin (Total)	0.66	mg/dl	0.3-1.2	JENDRASSIK & GROF
Bilirubin (Direct)	0.22	mg/dl	< 0.30	JENDRASSIK & GROF
Bilirubin (Indirect)	0.44	mg/dl	< 0.8	JENDRASSIK & GROF
LIPID PROFILE (MINI)*, Serum				
Cholesterol (Total)	247.00	mg/dl	<200 Desirable 200-239 Borderline High > 240 High	CHOD-PAP
HDL Cholesterol (Good Cholesterol)	54.58	mg/dl	30-70	DIRECT ENZYMATIC
LDL Cholesterol (Bad Cholesterol)	144	mg/dl	< 100 Optimal 100-129 Nr. Optimal/Above Optima 130-159 Borderline High 160-189 High	
		£	> 190 Very High	
VLDL	48.38	mg/dl	10-33	CALCULATED
Triglycerides	241.90	mg/dl	< 150 Normal 150-199 Borderline High 200-499 High >500 Very High	GPO-PAP





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## DEPARTMENT OF CLINICAL PATHOLOGY

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
URINE EXAMINATION, ROUTINE $^*$ , Urin	e			
Color	PALE YELLOW			
Specific Gravity	1.015			
Reaction PH	Acidic ( 5.0 )			DIPSTICK
Protein	ABSENT	mg %	< 10 Absent	DIPSTICK
			10-40 (+)	
			40-200 (++)	
			200-500 (+++)	
	199 mar 199	and the second second	> 500 (++++)	
Sugar	ABSENT	gms%	< 0.5 (+)	DIPSTICK
			0.5-1.0 (++)	
			1-2 (+++) >2 (++++)	
Ketone	ABSENT	mg/dl	0.1-3.0	BIOCHEMISTRY
Bile Salts	ABSENT	ing/ui	0.1-3.0	BIOCHLIWIISTRY
Bile Pigments	ABSENT			
Urobilinogen(1:20 dilution)	ABSENT			
Microscopic Examination:	ADJENT		and a second second	
Epithelial cells	OCCASIONAL			MICROSCOPIC
Due colle	1.2/h f			EXAMINATION
Puscells	1-2/h.p.f			MICROSCODIC
RBCs	ABSENT			MICROSCOPIC EXAMINATION
Cast	ABSENT			EXAMINATION
Crystals	ABSENT			MICROSCOPIC
Crystals	ADJENT			EXAMINATION
Others	ABSENT			
	ABSENT			
UGAR, FASTING STAGE* , Urine				
Sugar, Fasting stage	ABSENT	gms%		
Interpretation:				
		1		

 $\begin{array}{ll} (+) & < 0.5 \\ (++) & 0.5 \\ (++) & 1 \\ (+++) & 1 \\ (++++) & > 2 \end{array}$ 

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## DEPARTMENT OF CLINICAL PATHOLOGY

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name		Result	Unit	Bio. Ref. Interval	Method
SUGAR, PP STAGE * , Urine Sugar, PP Stage	٩	ABSENT			
<b>Interpretation:</b> (+) < 0.5 gms% (++) 0.5-1.0 gms% (+++) 1-2 gms% (++++) > 2 gms%					

Dr. R.K. Khanna (MBBS,DCP)





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#### DEPARTMENT OF IMMUNOLOGY

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method	
PSA (Prostate Specific Antigen), Total ** Sample:Serum	0.570	ng/mL	< 2.0	CLIA	

#### Interpretation:

- 1. PSA is detected in the serum of males with normal, benign hypertrophic, and malignant prostate tissue.
- 2. Measurement of serum PSA levels is not recommended as a screening procedure for the diagnosis of cancer because elevated PSA levels also are observed in patients with benign prostatic hypertrophy. However, studies suggest that the measurement of PSA in conjunction with digital rectal examination (DRE) and ultrasound provide a better method of detecting prostate cancer than DRE alone<sup>-</sup>
- 3. PSA levels increase in men with cancer of the prostate, and after radical prostatectomy PSA levels routinely fall to the undetectable range.
- 4. If prostatic tissue remains after surgery or metastasis has occurred, PSA appears to be useful in detecting residual and early recurrence of tumor.
- 5. Therefore, serial PSA levels can help determine the success of prostatectomy, and the need for further treatment, such as radiation, endocrine or chemotherapy, and in the monitoring of the effectiveness of therapy.

#### THYROID PROFILE - TOTAL \*\* , Serum

T3, Total (tri-iodothyronine)	124.52	ng/dl	84.61–201.7	CLIA
T4, Total (Thyroxine)	8.60	ug/dl	3.2-12.6	CLIA
TSH (Thyroid Stimulating Hormone)	3.070	μlU/mL	0.27 - 5.5	CLIA

#### Interpretation:

0.3-4.5	µIU/mL	First Trimest	ter	
0.5-4.6	µIU/mL	Second Trim	ester	
0.8-5.2	µIU/mL	Third Trimester		
0.5-8.9	µIU/mL	Adults	55-87 Years	
0.7-27	µIU/mL	Premature	28-36 Week	
2.3-13.2	µIU/mL	Cord Blood	> 37Week	
0.7-64	µIU/mL	Child(21 wk	- 20 Yrs.)	
1-39	µIU/mL	Child	0-4 Days	
1.7-9.1	µIU/mL	Child	2-20 Week	

1) Patients having low T3 and T4 levels but high TSH levels suffer from primary hypothyroidism, cretinism, juvenile myxedema or autoimmune disorders.







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#### DEPARTMENT OF IMMUNOLOGY

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method

2) Patients having high T3 and T4 levels but low TSH levels suffer from Grave's disease, toxic adenoma or sub-acute thyroiditis.3) Patients having either low or normal T3 and T4 levels but low TSH values suffer from iodine deficiency or secondary hypothyroidism.

**4**) Patients having high T3 and T4 levels but normal TSH levels may suffer from toxic multinodular goiter. This condition is mostly a symptomatic and may cause transient hyperthyroidism but no persistent symptoms.

5) Patients with high or normal T3 and T4 levels and low or normal TSH levels suffer either from T3 toxicosis or T4 toxicosis respectively.

6) In patients with non thyroidal illness abnormal test results are not necessarily indicative of thyroidism but may be due to adaptation to the catabolic state and may revert to normal when the patient recovers.

7) There are many drugs for eg. Glucocorticoids, Dopamine, Lithium, Iodides, Oral radiographic dyes, etc. which may affect the thyroid function tests.

**8**) Generally when total T3 and total T4 results are indecisive then Free T3 and Free T4 tests are recommended for further confirmation along with TSH levels.

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#### DEPARTMENT OF X-RAY

#### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

#### X-RAY DIGITAL CHEST PA \*

#### (300 mA COMPUTERISED UNIT SPOT FILM DEVICE)

#### CHEST P-A VIEW

- Soft tissue shadow appears normal.
- Bony cage is normal.
- Diaphragmatic shadows are normal on both sides.
- Costo-phrenic angles are bilaterally clear.
- Trachea is central in position.
- Cardiac size & contours are normal.
- Hilar shadows are normal.
- Pulmonary vascularity & distribution are normal.
- Pulmonary parenchyma did not reveal any significant lesion.

#### **IMPRESSION**

• NO SIGNIFICANT RADIOLOGICAL ABNORMALITY SEEN ON PRESENT STUDY.

Dr. Vandana Gupta MBBS,DMRD,DNB

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## DEPARTMENT OF ULTRASOUND

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

#### ULTRASOUND WHOLE ABDOM EN (UPPER & LOWER) \*

#### <u>LIVER</u>

• Liver is mildly enalrged in size measuring 16.2 cm in longitudinal span & shows moderate diffuse increase in parenchymal echogenicity.

#### PORTAL SYSTEM

- The intra hepatic portal channels are normal.
- Portal vein is normal at the porta.
- Porta hepatis is normal.

#### BILIARY SYSTEM

- The intra-hepatic biliary radicles are normal.
- Common duct is normal at the porta. (6.8 mm)
- The gall bladder is normal in size and has regular walls. Wall thickness is normal. Lumen of the gall bladder is anechoic.

#### PANCREAS

• The pancreas is normal in size and shape and has a normal homogenous echotexture.

#### RIGHT KIDNEY (11.4 x 4.5 cm)

- Right kidney is normal in size and shape and cortical echotexture.
- A 6.6 mm calyceal calculus noted in upper mid pole.
- A well defined round to oval hyperechoic lesion is noted in upper polar cortex, measuring 9.3 x 8.7 mm.
- The collecting system is not dilated.
- The upper part of right ureter is normal.
- The vesicoureteric junction is normal.
- Corticomedullary demarcation is clear.
- Renal respiratory excursions are normal.

#### LEFT KIDNEY (12.1 x 5.4 cm)

- Left kidney is normal in size and shape and cortical echotexture.
- The collecting system is not dilated.
- The upper part of left ureter is normal.
- The vesicoureteric junction is normal.
- Corticomedullary demarcation is clear.



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#### DEPARTMENT OF ULTRASOUND

#### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

• Renal respiratory excursions are normal.

#### <u>SPLEEN</u>

• The spleen is normal in size (8.9 cm) and has a homogenous echotexture.

#### ILIAC FOSSA

• Scan over the iliac fossae does not reveal any fluid collection or mass.

#### URINARY BLADDER

• The urinary bladder is normal. Bladder wall is normal in thickness and regular.

#### PROSTATE

• The prostate gland is normal in texture and size measures 4.1 x 3.4 x 3.0 cm (Vol-22.7 cc).

#### IM PRESSION

- Mild hepatomegaly with grade II fatty changes.
- · Right renal calculus.
- A well defined round to oval hyperechoic lesion in right kidney, likely to be angiomyelolipoma.

Recommended: clinicopathological correlation.



Dr. Vandana Gupta MBBS,DMRD,DNB

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Add: M-214/215,Sec G Lda Colony Near Power House Chauraha Kanpur Road Ph: 9235432707, CIN: U85110DL2003PLC308206



Patient Name	: Mr.NARENDRA SINGH	Registered On	: 08/Sep/2023 08:38:06
Age/Gender	: 42 Y 0 M 0 D /M	Collected	: N/A
UHID/MR NO	: CDCA.0000063788	Received	: N/A
Visit ID	: CDCA0181712324	Reported	: 08/Sep/2023 18:12:47
Ref Doctor	: Dr.Mediwheel - Arcofemi Health Care Ltd.	Status	: Final Report

## DEPARTMENT OF TMT

## MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

#### Tread Mill Test (TMT) \*

<u>2D EO</u> MITRAL VALVE STUDY	HO & M-MODE EXAMINATION VA	LUES
DE Excursion : E F Slope : EPSS : VALVE AREA (MVOA) PERIMETRY PHT :	2.15 9.12 1.29 3.58 3.61	cm/sec cm/s cm cm <sup>2</sup> Cm <sup>2</sup>
AORTIC VALVES STUDY		
Aortic Diam : LA Diam. AV Cusp.	2.95 3.13 1.68	cm cm cm
LEFT VENTRICLE		Start Provent
IVSD LVIDD LV PWD IV Ss LVIDs LV PWS EDV ESV	0.98 4.68 0.80 1.03 3.10 1.11 101 37	Cm Cm Cm Cm Cm Cm Cm MI MI
EJECTION FRACTION : SV (Teich) SHORTENING FRACTION:	63% ( 60 ± 7 %) 63ml 33% (30 ± 5%)	

# <u>RIGHT VENTRICLE</u> RVID :

2.03 cm.





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### DEPARTMENT OF TMT

#### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

<u>DIMENSIONAL IMAGING</u>	
MITRAL VALVE:	Normal
AORTICVALVE:	Normal
PULMONARY VALVE:	Normal
TRICUSPID VALVE:	Normal
INTER VENTRICULAR SEPTA :	Normal
INTERATRIAL SEPTUM :	Normal
INTRACARDIAC CLOT / VEGETATION / MYX	OMA : Absent
LEFT ATRIUM :	Normal
LEFT VENTRICLE:	Normal
RIGHT VENTRICLE:	Normal
RIGHT ATRIUM :	Normal
PERICARDIUM :	Normal
OTHER:	Normal

## COLOUR FLOW MAPPING

DOFFLENSIODT			
	VELOCITY cm/s	PRESSURE GRADIENT	
MITRAL FLOW	E: 76 cm/s		REGURGITATION
	A: 52 cm/s	Normal	
AORTICFLOW	95 cm/s	Normal	10000
TRICUSPID FLOW	43 cm/s	Normal	A A & A A
PULM ONARY FLOW	73 cm/s	Normal	

#### SUMMARY OF FINDINGS AND ECHOCARDIOGRAPHY DIAGNOSIS

- LVEF 63 %
- RWMA not seen.
- No Diastolic dysfunction.
- No MS/TS/AS/PS.
- No MR/TR/PR/AR.
- No pericardial effusion.
- No vegetation.

#### \*\*\* End Of Report \*\*\*

(\*\*) Test Performed at Chandan Speciality Lab.

Result/s to Follow: STOOL, ROUTINE EXAMINATION, ECG / EKG



DR SUDHANSHU VERMA

This report is not for medico legal purpose. If clinical correlation is not established, kindly repeat the test at no additional cost within seven days.

Facilities: Pathology, Bedside Sample Collection, Health Check-ups, Digital X-Ray, ECG (Bedside also), Allergy Testing, Test And Health Check-ups, Ultrasonography, Sonomammography, Bone Mineral Density (BMD), Doppler Studies, 2D Echo, CT Scan, MRI, Blood Bank, TMT, EEG, PFT, OPG, Endoscopy, Digital Mammography, Electromyography (EMG), Nerve Condition Velocity (NCV), Audiometry, Brainstem Evoked Response Audiometry (BERA), Colonoscopy, Ambulance Services, Online Booking Facilities for Diagnostics, Online Report Viewing \* 365 Days Open \*Facilities Available at Select Location

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