



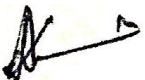
Reg. ID : 258419
Name of Patient : MRS. MANISHA KUMARI
Age/Gender : 33 years / Female
Refd by Dr. : MEDIWHEEL
Mobile No. : 7542912611
Sample Type : EDTA

Panel Company : MEDIWHEEL
Lab Request ID : 230940023
Sample Collection Date : Apr 04, 2023, 09:11 a.m.
Sample Acknowledgment Date : Apr 04, 2023, 09:11 a.m.
Test Reported On : Apr 04, 2023, 03:14 p.m.

Test Description	Value	Unit	Biological Ref Interval
Complete Blood Count (CBC)			
Mediwheel metro full body health checkup below 50 female			
HAEMOGLOBIN (Hb)	12.0	gm/dl	12.00 - 15.00
Method : SLS			
TLC (Total Leucocyte Count)	6300	/cumm	4000.00 - 10000.00
Method : ELECTRIC IMPEDENCE			
DIFFERENTIAL COUNT			
NEUTROPHIL	58	%	40.00 - 70.00
LYMPHOCYTE	36	%	20.00 - 40.00
EOSINOPHIL	04	%	1.00 - 6.00
MONOCYTE	02	%	2.00 - 10.00
BASOPHIL	0	%	0.00 - 2.00
E.S.R.	20	mm/Ist hr.	0.00 - 20.00
Method : Westergen			
R B C (Red Blood Cell Count)	4.04	Millions/cmm	3.80 - 4.80
Method : Impedence			
PCV (Hematocrit)	36.5	%	36.00 - 46.00
M C V (Mean Corp Volume)	90.35	fL	83.00 - 101.00
Method : CALCULATED			
M C H (Mean Corp Hb)	29.7	pg	27.00 - 32.00
Method : CALCULATED			
M C H C (Mean Corp Hb Conc)	32.88	%	31.50 - 34.50
Method : CALCULATED			
MPV	15.2 ▲	fL	6.5-12
Method : Calculated			
PLATELET COUNT	180000	/cumm	150000.00 - 410000.00
Method : Impedence			
ABSOLUTE EOSINOPHIL COUNT	252	/cumm	40.00 - 440.00
ABSOLUTE LYMPHOCYTES COUNT	2268	/cumm	1000.00 - 3000.00
ABSOLUTE NEUTROPHIL COUNT	3654	/cumm	2000.00 - 7000.00
Method : MICROSCOPY			
RDW -CV	13.8	%	11.60 - 14.00
RDW -SD	45	fL	39.00 - 46.00
PDW	15.8		8.3 - 25

END OF REPORT

If tests results are alarming/unexpected,client is advised to contact the Lab immediately for possible remedial actions.


Dr. A. LALCHANDANI
M.D. (Pathology)





Reg. ID : 258419
Name of Patient : MRS. MANISHA KUMARI
Age/Gender : 33 years / Female
Refd by Dr. : MEDIWHEEL
Mobile No. : 7542912611
Sample Type : URINE

Panel Company : MEDIWHEEL
Lab Request ID : 230940023
Sample Collection Date : Apr 04, 2023, 09:11 a.m.
Sample Acknowledgment Date : Apr 04, 2023, 09:11 a.m.
Test Reported On : Apr 04, 2023, 05:15 p.m.

Test Description	Value	Unit	Biological Ref Interval
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URINE Examination R/M*

Mediwheel metro full body health checkup below 50 female

Physical Examination

Quantity	30ml		
Colour	Pale Yellow	.	Pale yellow
Appearance	Slightly Hazy		

Chemical Examination

Ph	6.0		5.0-8.0
Method : Method : Dipstick Manual			
Specific Gravity	1.015		1.005 - 1.030
Method : Method : Dipstick Manual			
Protein	Negative		Negative
Method : Method : Dipstick Manual			
Glucose	Negative		Negative
Method : Dipstick/Manual			
Bilirubin	Negative		Negative
Method : Dipstick/Manual			
Ketones	Negative		Negative
Method : Dipstick/Manual			
Nitrite	Negative		Negative
Method : Dipstick/Manual			
Urobilinogen	Normal		Normal
Method : Dipstick/Manual			


Microscopic Examination - Method "Microscopy"

Pus cells	2 - 3	/hpf	0 - 4/hpf
Red Blood Cells	Absent	/hpf	Nil
Epithelial Cells	15 - 20	/hpf	1 - 2/hpf
Crystals	Absent	.	Absent
Casts	Absent	.	Absent
Yeast	Absent	.	Absent
Bacteria	Absent	.	Absent

Note

Pus Cells are significant only in midstream sample. Important for interpretation in female patient as local contamination may occur.

A urine analysis alone usually doesn't provide a definite diagnosis. Depending on the reason your doctor recommended this test, you might need follow-up for unusual results. Evaluation of the urine analysis results with other tests can help your provider determine next steps. Getting standard test results from a urine analysis doesn't guarantee that you're not ill. It might be too early to detect disease or your urine could be too diluted. Tell your doctor if you still have signs and symptoms.


Dr. A. LALCHANDANI
M.D. (Pathology)

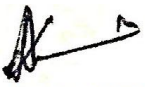


Reg. ID	: 258419	Panel Company	: MEDIWHEEL
Name of Patient	: MRS. MANISHA KUMARI	Lab Request ID	: 230940023
Age/Gender	: 33 years / Female	Sample Collection Date	: Apr 04, 2023, 09:11 a.m.
Refd by Dr.	: MEDIWHEEL	Sample Acknowledgment Date	: Apr 04, 2023, 09:11 a.m.
Mobile No.	: 7542912611	Test Reported On	: Apr 04, 2023, 05:15 p.m.
Sample Type	: URINE		

Test Description	Value	Unit	Biological Ref Interval
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END OF REPORT

If tests results are alarming/unexpected,client is advised to contact the Lab immediately for possible remedial actions.



Dr. A. LALCHANDANI
M.D. (Pathology)



Reg. ID : 258419	Panel Company : MEDIWHEEL
Name of Patient : MRS. MANISHA KUMARI	Lab Request ID : 230940023
Age/Gender : 33 years / Female	Sample Collection Date : Apr 04, 2023, 09:11 a.m.
Refd by Dr. : MEDIWHEEL	Sample Acknowledgment Date : Apr 04, 2023, 09:11 a.m.
Mobile No. : 7542912611	Test Reported On : Apr 04, 2023, 04:24 p.m.
Sample Type : EDTA	

Test Description	Value	Unit	Biological Ref Interval
<u>Blood Group ABO & RH TYPING*</u>			
Mediwheel metro full body health checkup below 50 female			
BLOOD GROUP ABO	B		
RH Typing	Positive		

END OF REPORT


Dr. A. LALCHANDANI
M.D. (Pathology)





Reg. ID : 258419 **Panel Company** : MEDIWHEEL
Name of Patient : MRS. MANISHA KUMARI **Lab Request ID** : 01230940023
Age/Gender : 33 years / Female **Sample Collection Date** : Apr 04, 2023, 09:11 a.m.
Refd by Dr. : MEDIWHEEL **Sample Acknowledgment Date** : Apr 04, 2023, 09:11 a.m.
Mobile No. : 7542912611 **Test Reported On** : Apr 04, 2023, 04:13 p.m.
Sample Type : FLUORIDE-F

Test Description	Value	Unit	Biological Ref Interval
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BLOOD GLUCOSE FASTING

Mediwheel metro full body health checkup below 50 female

BLOOD GLUCOSE FASTING	110 ▲	mg/dl	70 - 99
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Method : HEXOKINASE

Comments

Fasting Blood Sugar: 70-99 mg/dl : Non Diabetic
100-125 mg/dl : Impaired Fasting Glucose
>125 mg/dl : Diabetic

END OF REPORT

Dr. A. LALCHANDANI
M.D. (Pathology)





Reg. ID : 258419
Name of Patient : MRS. MANISHA KUMARI
Age/Gender : 33 years / Female
Refd by Dr. : MEDIWHEEL
Mobile No. : 7542912611
Sample Type : FLOURIDE PP

Panel Company : MEDIWHEEL
Lab Request ID : 230940023
Sample Collection Date : Apr 04, 2023, 09:11 a.m.
Sample Acknowledgment Date : Apr 04, 2023, 09:11 a.m.
Test Reported On : Apr 04, 2023, 04:43 p.m.

Test Description	Value	Unit	Biological Ref Interval
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Mediwheel metro full body health checkup below 50 female

BLOOD GLUCOSE PP	-	mg/dl	70 - 139
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Method : Hexokinase

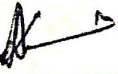
Blood Glucose PP	102	mg/dl	70-139
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Method : Hexokinase

Comments

PP Blood Sugar: 70-139 mg/dl : Non Diabetic
140-199 mg/dl : Impaired Glucose
>200 mg/dl : Diabetic

END OF REPORT


Dr. A. LALCHANDANI
M.D. (Pathology)





Reg. ID : 258419	Panel Company : MEDIWHEEL
Name of Patient : MRS. MANISHA KUMARI	Lab Request ID : 00230940023
Age/Gender : 33 years / Female	Sample Collection Date : Apr 04, 2023, 09:11 a.m.
Refd by Dr. : MEDIWHEEL	Sample Acknowledgment Date : Apr 04, 2023, 09:11 a.m.
Mobile No. : 7542912611	Test Reported On : Apr 04, 2023, 04:58 p.m.
Sample Type : SERUM	


Test Description	Value	Unit	Biological Ref Interval
Thyroid Function Test (T3,T4,TSH)			
Mediwheel metro full body health checkup below 50 female			
TOTAL T3	1.18	ng/mL	0.60 - 1.83
Method : CLIA			
TOTAL T4	8.58	ug/dl	5.48 - 14.28
Method : CLIA			
Thyroid Stimulating Hormone - TSH	2.49	uU/ml	0.35 - 5.50
Method : CLIA			

COMMENTS:-

A high TSH result often means an underactive thyroid gland caused by failure of the gland (Hypothrodism). Very rarely,a high TSH result can indicate a problem with the pituitary gland , such as a tumour , in what is known as secondary hyperthrodism . A high TSH value can also occur in people with underactive thyroid gland who have been receiving too little thyroid hormone medication.

A low TSH result can indicate an overactive thyroid gland (hyperthyroidism) or damage to the pituitary gland that prevents it from producing TSH . A low TSH result can also occur in people with an underactive thyroid gland who are receiving too much thyroid hormone medication .

END OF REPORT


Dr. A. LALCHANDANI
M.D. (Pathology)





Reg. ID : 258419	Panel Company : MEDIWHEEL
Name of Patient : MRS. MANISHA KUMARI	Lab Request ID : 230940023
Age/Gender : 33 years / Female	Sample Collection Date : Apr 04, 2023, 09:11 a.m.
Refd by Dr. : MEDIWHEEL	Sample Acknowledgment Date : Apr 04, 2023, 09:11 a.m.
Mobile No. : 7542912611	Test Reported On : Apr 04, 2023, 04:51 p.m.
Sample Type : EDTA	

GLYCOSYLATED HAEMOGLOBIN HbA1c*

Mediwheel metro full body health checkup below 50 female

HBA1C* 5.4 % 4.00 - 5.70

Method : HPLC - Ion Exchange

MEAN BLOOD GLUCOSE LEVEL Mean Blood 108 mg/dL 68 - 117

Glucose Level over past 60 days period

INTERPRETATION

According to recommendations of the American Diabetes Association (ADA)

Group	HbA1c in %
Non-Diabetic adults 18 year	4.5 - 5.6
At risk of developing diabetes	> 5.7 to < 6.4
Diagnosing of Diabetes mellitus	>= 6.5

Comments

- Since HbA1c reflects long term fluctuations in the blood glucose concentration, a diabetic patient who is recently under good control may still have q high concentration of HbA1c. Converse is true for a diabetic previously under good control but now poorly controlled.
- Diabetes patients with HbA1c levels below 7%(DCCT/NGSP) meet the goal of the ADA.
- HbA1c levels below the established reference interval may indicate recent episodes of hypoglycemia, the presence of Hb variants or shortened lifetime of erythrocytes.
- HbA1c Provides an index of average blood glucose levels over the past 8 -12 weeks and is a much better indicator of long term glycemic control as compared to blood and urinary glucose determinations.

FACTORS THAT INTERFERE WITH HbA1C Measurement- Hemoglobin variants,elevated fetal hemoglobin (HbF) and chemically modified derivatives of hemoglobin (e.g. carbamylated Hb in patients with renal failure) can affect the with renal failure) can affect the accuracy of HbA1c measurements.


FACTORS THAT AFFECT INTERPRETATION OF HBA1C RESULTS - Any condition that shortens erythrocyte survival or decreases mean erythrocyte age (e.g.,recovery from acute blood loss, hemolytic anemia, HbSS, HbCC, and HbSC) will falsely lower HbA1c test results regardless of the assay method used. Iron deficiency anemia is associated with higher HbA1c

END OF REPORT





Reg. ID : 258419 **Panel Company** : MEDIWHEEL
Name of Patient : MRS. MANISHA KUMARI **Lab Request ID** : 230940023
Age/Gender : 33 years / Female **Sample Collection Date** : Apr 04, 2023, 09:11 a.m.
Refd by Dr. : MEDIWHEEL **Sample Acknowledgment Date** : Apr 04, 2023, 09:11 a.m.
Mobile No. : 7542912611 **Test Reported On** : Apr 04, 2023, 04:51 p.m.
Sample Type : EDTA


Dr. A. LALCHANDANI
M.D. (Pathology)

Value **Unit** **Biological Ref Interval**





Reg. ID : 258419	Panel Company : MEDIWHEEL
Name of Patient : MRS. MANISHA KUMARI	Lab Request ID : 00230940023
Age/Gender : 33 years / Female	Sample Collection Date : Apr 04, 2023, 09:11 a.m.
Refd by Dr. : MEDIWHEEL	Sample Acknowledgment Date : Apr 04, 2023, 09:11 a.m.
Mobile No. : 7542912611	Test Reported On : Apr 04, 2023, 04:00 p.m.
Sample Type : SERUM	

Test Description	Value	Unit	Biological Ref Interval
<u>Lipid-Profile*</u>			
Mediwheel metro full body health checkup below 50 female			
CHOLESTROL TOTAL	206 ▲	mg/dL	Desirable : < 200 Borderline: 200 - 239 High : > 240
Method : CHOD-POD			
T.G	122	mg/dL	Desirable < 150 Borderline High 150 - 199 High 200 - 499 Very High > 500
Method : ENZYMATYIC (E.P)			
HDL	44	mg/dL	Male : 30 - 70 Female : 30 - 85
Method : DCM			
V L D L	24.4	mg/dl	07 - 35
Method : Calculated			
LDL CHOLESTEROL	137.6 ▲	mg/dl	Desirable :- < 100 Border line: 130 - 159 High Risk : 160 - 189 Very High : > 190
Method : Calculated			
LDL / HDL CHOLESTEROL Ratio	3.13		2.5 - 3.5 High : > 3.5
Method : Calculated			
TOTAL / HDL CHOLESTEROL Ratio	4.68 ▲		Moderate Risk : 3.5 - 5.0 High Risk : > 5.0
Method : Calculated			

Note

A Lipid Profile test panel measures the level of lipids, or fats, in your blood which essentially measures the following

- High-density lipoprotein (HDL) cholesterol** - referred to as "good" cholesterol because it helps remove LDL "bad" cholesterol from your blood.
- Low-density lipoprotein (LDL) cholesterol** - referred to as "bad" cholesterol. Too much of it can cause cholesterol to build up on the walls of your arteries. This raises your risk of [heart attack](#), [stroke](#), and [atherosclerosis](#).
- Triglycerides** - When you eat, your body breaks down fats in your food into smaller molecules called [triglycerides](#). High levels of triglycerides in your blood increase your risk of developing cardiovascular disease. Having obesity or unmanaged diabetes, drinking too much alcohol, and eating a high calorie diet can all contribute to high triglyceride levels.





Reg. ID	: 258419	Panel Company	: MEDIWHEEL
Name of Patient	: MRS. MANISHA KUMARI	Lab Request ID	: 00230940023
Age/Gender	: 33 years / Female	Sample Collection Date	: Apr 04, 2023, 09:11 a.m.
Refd by Dr.	: MEDIWHEEL	Sample Acknowledgment Date	: Apr 04, 2023, 09:11 a.m.
Mobile No.	: 7542912611	Test Reported On	: Apr 04, 2023, 04:00 p.m.
Sample Type	: SERUM		

Test Description	Value	Unit	Biological Ref Interval
4. Very low-density lipoprotein (VLDL). Your blood also contains another type of cholesterol linked to an increased risk of cardiovascular disease called VLDL . Your VLDL levels are not used to determine treatment for elevated cholesterol.			
5. Total cholesterol. This is the total amount of cholesterol in your blood. It's the sum of your LDL, HDL, and VLDL cholesterol. If your cholesterol numbers are outside of the normal range, you may be at a higher risk of heart disease, stroke, and atherosclerosis. Your doctor will consider other factors, such as your family history, weight, and exercise levels, to determine your risk.			

If your test results are abnormal, your doctor may order a [blood glucose test](#) to check for diabetes. They might also order a [thyroid function test](#) to determine if your thyroid is underactive.

END OF REPORT


Dr. A. LALCHANDANI
M.D. (Pathology)






Reg. ID : 258419
Name of Patient : MRS. MANISHA KUMARI
Age/Gender : 33 years / Female
Refd by Dr. : MEDIWHEEL
Mobile No. : 7542912611
Sample Type : SERUM

Panel Company : MEDIWHEEL
Lab Request ID : 00230940023
Sample Collection Date : Apr 04, 2023, 09:11 a.m.
Sample Acknowledgment Date : Apr 04, 2023, 09:11 a.m.
Test Reported On : Apr 04, 2023, 04:00 p.m.

Test Description	Value	Unit	Biological Ref Interval
<u>Kidney Function Test (KFT)*</u>			
Mediwheel metro full body health checkup below 50 female			
Urea	15 ▼	mg/DL	17 - 43
Method : UREASE-UV			
Creatinine	0.7	mg/DL	0.67 - 1.17
Method : ALKALINE PICRATE KINETIC			
URIC ACID	3.5	mg/DL	3.5 - 7.2
Method : URICASE CALORIMETRIC			
Blood Urea Nitrogen (Bun)	7.01	mg/dl	6-20
Method : Calculated			
BUN / CREATININE Ratio	10.01	mg/dl	5-20
Method : Calculated			
SODIUM	139	mEq/l	136 - 146
Method : ISE INDIRECT			
POTASIUM	3.9	mEq/l	3.5 - 5.1
Method : ISE INDIRECT			
CHLORIDE	106	mEq/l	101 - 109
Method : ISE INDIRECT			
CALCIUM	9.2	mg/dL	8.82-10.6
Method : Aresnazo III			
INORGANIC PHOSPHORUS	3.4	mg/dL	2.5-4.5
Method : Phosphomolybdate reduction			
Comments	-		

END OF REPORT



Dr. A. LALCHANDANI
M.D. (Pathology)





Reg. ID : 258419
Name of Patient : MRS. MANISHA KUMARI
Age/Gender : 33 years / Female
Refd by Dr. : MEDIWHEEL
Mobile No. : 7542912611
Sample Type : SERUM

Panel Company : MEDIWHEEL
Lab Request ID : 00230940023
Sample Collection Date : Apr 04, 2023, 09:11 a.m.
Sample Acknowledgment Date : Apr 04, 2023, 09:11 a.m.
Test Reported On : Apr 04, 2023, 04:12 p.m.

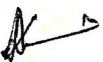
Liver Function Test (LFT)*

Mediwheel metro full body health checkup below 50 female

BILIRUBIN TOTAL	0.4	mg/dL	0.3 - 1.2
Method : DIAZO			
BIL DIRECT	0.1	mg/dL	< 0.2
Method : DIAZO			
BIL INDIRECT	0.3 ▼		0.4-1.1
Method : CALCULATED			
AST/SGOT	34	μ/L	< 35
Method : UV WITHOUT P5P			
ALT/SGPT	48 ▲	μ/L	< 35
Method : UV WITHOUT P5P			
ALKALINE PHOSPHATE	132 ▲	IU/L	30-120
Method : PNPP, AMP BUFFER			
TOTAL PROTEIN	7.0	g/dL	6.6 - 8.3
Method : BIURET			
ALBUMIN	4.0	g/DL	3.5 - 5.2
Method : BCG			
GLOBULIN	3	g/dl	2.0-3.5
Method : Calculated			
A/G RATIO	1.33		0.9-2.5
Method : Calculated			
GGT	27	μ/L	< 38
Method : Glutamyl carboxy nitroanilide Glycylglycine			

****END OF REPORT****

If tests results are alarming/unexpected,client is advised to contact the Lab immediately for possible remedial actions


Dr. A. LALCHANDANI
M.D. (Pathology)





Reg. ID	: 258419	Panel Company	: MEDIWHEEL
Name of Patient	: MRS. MANISHA KUMARI	Lab Request ID	: R230940023
Age/Gender	: 33 years / Female	Sample Collection Date	: Apr 04, 2023, 09:11 a.m.
Refd by Dr.	: MEDIWHEEL	Sample Acknowledgment Date	: Apr 04, 2023, 09:11 a.m.
Mobile No.	: 7542912611	Test Reported On	: Apr 05, 2023, 10:38 a.m.
Sample Type	: RADIO		

X-ray Chest P.A*

Mediwheel metro full body health checkup below 50 female

OBSERVATIONS:

- Trachea is central.
- Both hila are normal.
- Both the lung fields are clear. No focal lesion seen.
- Both domes of diaphragm and CP angles are normal.
- Heart and mediastinal silhouette is normal.

IMPRESSION: Normal Study.

Please correlate clinically.

END OF REPORT

Dr. Rounak Rajendra Bagga
MD Radiologist





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Name of Patient	: MRS. MANISHA KUMARI	Lab Request ID	: 230940023
Age/Gender	: 33 years / Female	Sample Collection Date	: Apr 04, 2023, 09:11 a.m.
Refd by Dr.	: MEDIWHEEL	Sample Acknowledgment Date	: Apr 04, 2023, 09:11 a.m.
Mobile No.	: 7542912611	Test Reported On	: Apr 05, 2023, 10:37 a.m.
Sample Type	: BLOOD		

Female Ultrasound Whole Abdomen

Mediwheel metro full body health checkup below 50 female

Liver in the craniocaudal axis , outline smooth with homogenous **echotexture but reflective suggestive of fatty change grade I**. No obvious focal parenchymal lesion seen no extra or intra hepatic billiary dilatation is noted . Hepatic veins drain normally in to IVC . Portal vein is normal and in course and caliber.

Gall bladder is distended. No intra luminal calculus is seen. Gall bladder wall is normal in thickness Common bile duct is normal in caliber and lumen is clear.

Pancreas is normal in size & outline Echotexture is homogenous. No evidence of any focal lesion or calcification is seen. Pancreatic duct is not dilated.

Spleen normal in outline and echotexture. No focal lesion calcification is seen.

Right **kidney** corticomedullary differentiation is maintained. cortical echotexture is homogenous No mass lesion, calculus or hydronephrosis is seen .

Left **kidney** , corticomedullary differentiation is maintained. cortical echotexture is homogenous No mass lesion, calculus or hydronephrosis is seen .

Urinary bladder is distended. wall thickness is normal ,no calculus or mass seen.

Uterus is normal in size ,shape and echotexture. Myometrium is homogenous . No mass or focal lesion is seen .

Both ovaries are normal in size,shape and echotexture. No mass or cysts are seen within.

Both adenexa are normal . Cervical canal is normal

No significant retroperitoneal lymph adenopathy . No peritoneal fluid seen.

Impression: Grade I fatty Liver

Please correlate clinically & with other investigations. This report is for diagnostic use only and is not valid for medicolegal purposes. We are open for reconsideration of the report if required/suggested by treating doctor.





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Refd by Dr.	: MEDIWHEEL	Sample Acknowledgment Date	: Apr 04, 2023, 09:11 a.m.
Mobile No.	: 7542912611	Test Reported On	: Apr 05, 2023, 10:37 a.m.
Sample Type	: BLOOD		

END OF REPORT

Dr. Rounak Rajendra Bagga
MD Radiologist

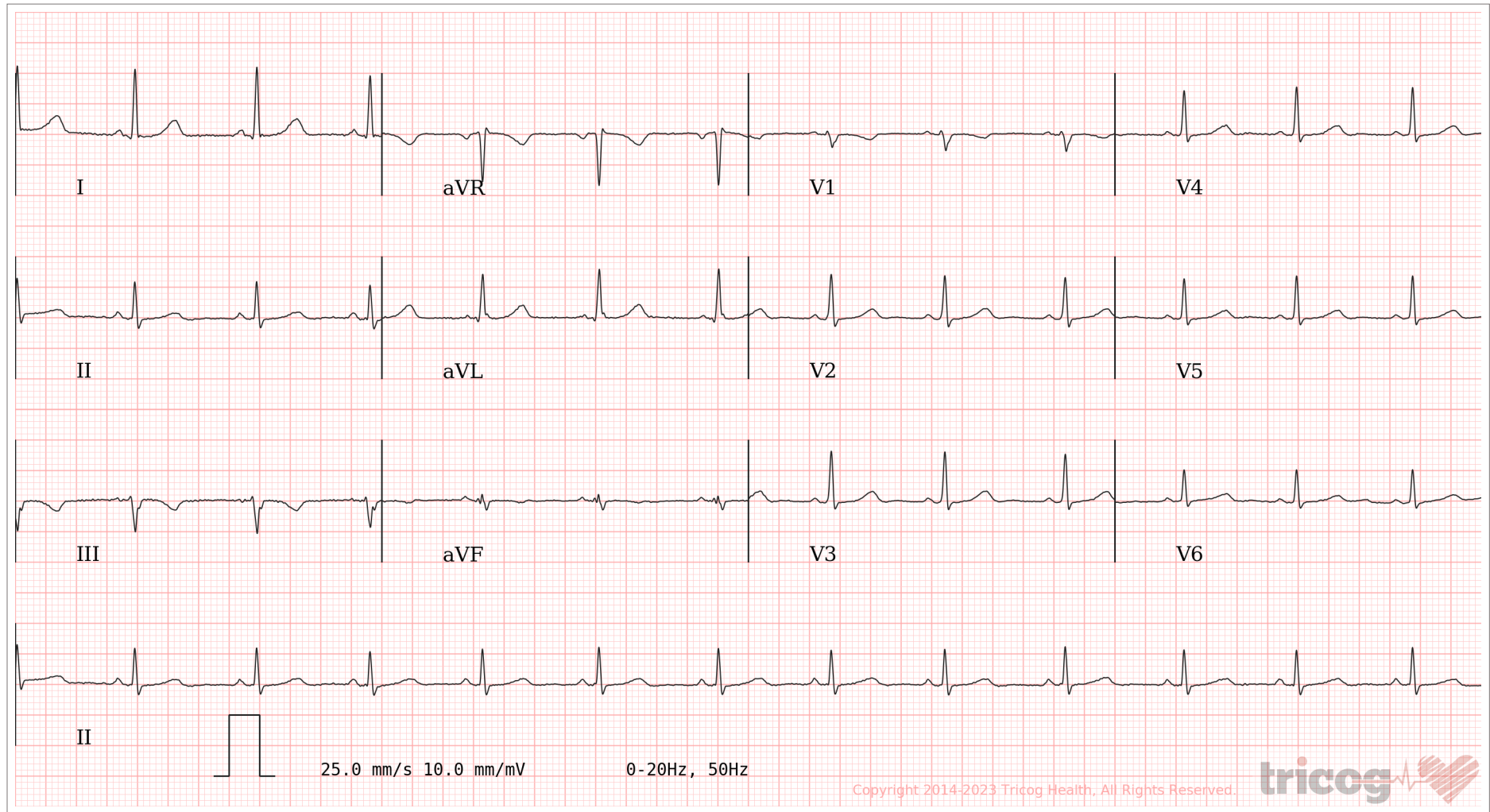
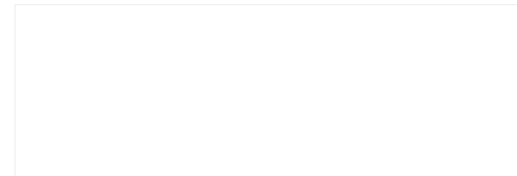


Age / Gender: 33/Female

Date and Time: 4th Apr 23 10:49 AM

Patient ID: 02

Patient Name: Manisha



AR: 79bpm VR: 79bpm QRSD: 76ms QT: 370ms QTcB: 424.56ms PRI: 122ms P-R-T: 38° NA -9°

Low Voltage Complexes, Sinus Rhythm. Please correlate clinically.

AUTHORIZED BY

Dr. Charit
MD, DM: Cardiology

63382

REPORTED BY

Dr Jamila Tambawala

88212

Name: Mrs . MANISHA KUMARI
Reff:

Age/Sex : 33YRS/F
Date: 04/04/2023

Transthoracic Echo-Doppler Report

M-Mode/2-D Description:

Left Ventricle: It is normal size. There is no regional wall motion abnormality.
Global LVEF is 60%.
Left Atrium: It is normal size.
Right Atrium: It is normal size.
Right Ventricle: It is normal size. RV systolic function is normal.
Aortic Valve: Aortic cusps are normal.
Mitral Valve: It opens normally. Subvalvular apparatus appears normal.
Tricuspid valve: It appears normal.
Pulmonary Valve: It appears normal.
Main Pulmonary artery & its branches: Appear normal.
No intracardiac clot/mass/veg.
Pericardium: There is no pericardial effusion.
IAS & IVS: Intact.

2-D/ M-Mode Measurements (mm):

	Observed Values	Normal Values
Aortic root diameter	24.5	20-36 (mm/M ²)
Aortic Valve Opening		15-26
Left Atrium size	29.6	19-40

	End Diastole	End Systole	Normal Values
Left Ventricle Size	39	23	(ED= 37-56; ES=22-40)
Interventricular Septum	09	10	(ED= 6-12)
Posterior Wall Thickness	09	10	(ED= 5-10)

LV Ejection Fraction (%)	60%	55%-80%
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Doppler Velocities:

Mrs.MANISHA KUMARI

Pulmonary Valve (Cm / Sec.)		Aortic Valve (Cm / Sec.)	
Max Velocity	127	Max Velocity	118
Max PG	6.5	Mean Velocity	
Mean PG		Max PG	5.6
		Mean PG	
Mitral Valve (Cm / Sec.)	Mitral Valve (Cm / Sec.)	Tricuspid Valve (Cm / Sec.)	
E -106	Max Velocity	Max Velocity	
A -65	Mean Velocity	Mean Velocity	
DT -	Max PG	Max PG	21
PHT -	Mean PG	Mean PG	

Regurgitation

	MR		TR
Severity	Nil	Severity	Mild
Max Velocity		Max Velocity	
Mean Velocity		Max Gradient	
	AR		PR
Severity	Nil	Severity	Nil
ED Velocity		PADP	
PHT		Mean PAP	

Final Interpretation

Study done at heart rate 78 BPM

No regional wall motion abnormality. Global LVEF= 60%.

Normal cardiac chambers dimensions.

No MR.

Mild TR (RVSP=21+ RAP).

RV systolic function is normal.

No intra cardiac clot/mass/veg./pericardial effusion.

IVC normal with >50% respiratory variation

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