



Reg. ID : 257030
Name of Patient : MR. JAIPRAKASH
Age/Gender : 40 years / Male
Refd by Dr. : MEDIWHEEL
Mobile No. : 7503541154
Sample Type : EDTA

Panel Company : MEDIWHEEL
Lab Request ID : 230840067
Sample Collection Date : Mar 25, 2023, 12:21 p.m.
Sample Acknowledgment Date : Mar 25, 2023, 12:21 p.m.
Test Reported On : Mar 25, 2023, 03:07 p.m.

Test Description	Value	Unit	Biological Ref Interval
Complete Blood Count (CBC)			
Mediwheel metro full body health check up below 40 Male			
HAEMOGLOBIN (Hb)	13.4	gm/dl	13.00 - 17.00
Method : SLS			
TLC (Total Leucocyte Count)	5900	/cumm	4000.00 - 10000.00
Method : ELECTRIC IMPEDENCE			
DIFFERENTIAL COUNT			
NEUTROPHIL	55	%	40.00 - 70.00
LYMPHOCYTE	41 ▲	%	20.00 - 40.00
EOSINOPHIL	02	%	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 - 15.00
Method : Westergen			
R B C (Red Blood Cell Count)	4.6	Millions/cmm	4.50 - 5.50
Method : Impedence			
PCV (Hematocrit)	41.5	%	40.00 - 50.00
M C V (Mean Corp Volume)	90.22	fL	83.00 - 101.00
Method : CALCULATED			
M C H (Mean Corp Hb)	29.13	pg	27.00 - 32.00
Method : CALCULATED			
M C H C (Mean Corp Hb Conc)	32.29	%	31.50 - 34.50
Method : CALCULATED			
MPV	10.9	fL	6.5-12
Method : Calculated			
PLATELET COUNT	294000	/cumm	150000.00 - 410000.00
Method : Impedence			
ABSOLUTE EOSINOPHIL COUNT	118	/cumm	40.00 - 440.00
ABSOLUTE LYMPHOCYTES COUNT	2419	/cumm	1000.00 - 3000.00
ABSOLUTE NEUTROPHIL COUNT	3245	/cumm	2000.00 - 7000.00
Method : MICROSCOPY			
RDW -CV	13.5	%	11.60 - 14.00
RDW -SD	47.7 ▲	fL	39.00 - 46.00
PDW	14.7		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 : 257030
Name of Patient : MR. JAIPRAKASH
Age/Gender : 40 years / Male
Refd by Dr. : MEDIWHEEL
Mobile No. : 7503541154
Sample Type : URINE


Panel Company : MEDIWHEEL
Lab Request ID : 230840067
Sample Collection Date : Mar 25, 2023, 12:21 p.m.
Sample Acknowledgment Date : Mar 25, 2023, 12:21 p.m.
Test Reported On : Mar 25, 2023, 05:16 p.m.

Test Description	Value	Unit	Biological Ref Interval
<u>URINE Examination R/M*</u>			
Mediwheel metro full body health check up below 40 Male			
<u>Physical Examination</u>			
Quantity	20ml		
Colour	Pale Yellow	.	Pale yellow
Appearance	Clear		
<u>Chemical Examination</u>			
Ph	6.0		5.0-8.0
Method : Method : Dipstick Manual			
Specific Gravity	1.025		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			
<u>Microscopic Examination - Method "Microscopy"</u>			
Pus cells	2 - 3	/hpf	0 - 4/hpf
Red Blood Cells	Absent	/hpf	Nil
Epithelial Cells	1 - 2	/hpf	1 - 2/hpf
Crystals	Absent	.	Absent
Casts	Absent	.	Absent
Yeast	Absent	.	Absent
Bacteria	Absent	.	Absent
Others	Mucus thread present (+)		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)

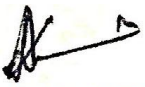


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Refd by Dr.	: MEDIWHEEL	Sample Acknowledgment Date	: Mar 25, 2023, 12:21 p.m.
Mobile No.	: 7503541154	Test Reported On	: Mar 25, 2023, 05:16 p.m.
Sample Type	: URINE		

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 : 257030 **Panel Company** : MEDIWHEEL
Name of Patient : MR. JAIPRAKASH **Lab Request ID** : 230840067
Age/Gender : 40 years / Male **Sample Collection Date** : Mar 25, 2023, 12:21 p.m.
Refd by Dr. : MEDIWHEEL **Sample Acknowledgment Date** : Mar 25, 2023, 12:21 p.m.
Mobile No. : 7503541154 **Test Reported On** : Mar 25, 2023, 04:04 p.m.
Sample Type : EDTA

Test Description	Value	Unit	Biological Ref Interval
<u>Blood Group ABO & RH TYPING*</u>			
Mediwheel metro full body health check up below 40 Male			
BLOOD GROUP ABO	A		
RH Typing	Positive		

END OF REPORT


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





Reg. ID : 257030
Name of Patient : MR. JAIPRAKASH
Age/Gender : 40 years / Male
Refd by Dr. : MEDIWHEEL
Mobile No. : 7503541154
Sample Type : FLUORIDE-F

Panel Company : MEDIWHEEL
Lab Request ID : 01230840067
Sample Collection Date : Mar 25, 2023, 12:21 p.m.
Sample Acknowledgment Date : Mar 25, 2023, 12:21 p.m.
Test Reported On : Mar 25, 2023, 03:39 p.m.

Test Description	Value	Unit	Biological Ref Interval
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BLOOD GLUCOSE FASTING

Mediwheel metro full body health check up below 40 Male

BLOOD GLUCOSE FASTING	114 ▲	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)





MC-2471

Reg. ID : 257030
Name of Patient : MR. JAIPRAKASH
Age/Gender : 40 years / Male
Refd by Dr. : MEDIWHEEL
Mobile No. : 7503541154
Sample Type : FLOURIDE PP

Panel Company : MEDIWHEEL
Lab Request ID : 230840067
Sample Collection Date : Mar 25, 2023, 12:21 p.m.
Sample Acknowledgment Date : Mar 25, 2023, 12:21 p.m.
Test Reported On : Mar 25, 2023, 03:39 p.m.

Test Description	Value	Unit	Biological Ref Interval
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Mediwheel metro full body health check up below 40 Male

BLOOD GLUCOSE PP	136	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)

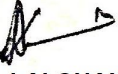




Reg. ID : 257030	Panel Company : MEDIWHEEL
Name of Patient : MR. JAIPRAKASH	Lab Request ID : 230840067
Age/Gender : 40 years / Male	Sample Collection Date : Mar 25, 2023, 12:21 p.m.
Refd by Dr. : MEDIWHEEL	Sample Acknowledgment Date : Mar 25, 2023, 12:21 p.m.
Mobile No. : 7503541154	Test Reported On : Mar 25, 2023, 05:43 p.m.
Sample Type : URINE	

Test Description	Value	Unit	Biological Ref Interval
	<u>URINE SUGAR (FASTING)*</u>		
Mediwheel metro full body health check up below 40 Male			
Urine Sugar (Fasting)	Negative		

END OF REPORT


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





Reg. ID : 257030
Name of Patient : MR. JAIPRAKASH
Age/Gender : 40 years / Male
Refd by Dr. : MEDIWHEEL
Mobile No. : 7503541154
Sample Type : SERUM

Panel Company : MEDIWHEEL
Lab Request ID : 00230840067
Sample Collection Date : Mar 25, 2023, 12:21 p.m.
Sample Acknowledgment Date : Mar 25, 2023, 12:21 p.m.
Test Reported On : Mar 25, 2023, 04:25 p.m.


Test Description	Value	Unit	Biological Ref Interval
Thyroid Function Test (T3,T4,TSH)			
Mediwheel metro full body health check up below 40 Male			
TOTAL T3	1.19	ng/mL	0.60 - 1.83
Method : CLIA			
TOTAL T4	9.66	ug/dl	5.48 - 14.28
Method : CLIA			
Thyroid Stimulating Hormone - TSH	2.59	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 : 257030	Panel Company : MEDIWHEEL
Name of Patient : MR. JAIPRAKASH	Lab Request ID : 230840067
Age/Gender : 40 years / Male	Sample Collection Date : Mar 25, 2023, 12:21 p.m.
Refd by Dr. : MEDIWHEEL	Sample Acknowledgment Date : Mar 25, 2023, 12:21 p.m.
Mobile No. : 7503541154	Test Reported On : Mar 25, 2023, 04:08 p.m.
Sample Type : EDTA	

GLYCOSYLATED HAEMOGLOBIN HbA1c*

Mediwheel metro full body health check up below 40 Male

HbA1c* 5.6 % 4.00 - 5.70

Method : HPLC - Ion Exchange

MEAN BLOOD GLUCOSE LEVEL Mean Blood 114 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 : 257030 **Panel Company** : MEDIWHEEL
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Sample Type : EDTA


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

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





MC-2471

Reg. ID : 257030	Panel Company : MEDIWHEEL
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Mobile No. : 7503541154	Test Reported On : Mar 25, 2023, 03:13 p.m.
Sample Type : SERUM	

Test Description	Value	Unit	Biological Ref Interval
Lipid-Profile*			
Mediwheel metro full body health check up below 40 Male			
CHOLESTROL TOTAL	227 ▲	mg/dL	Desirable : < 200 Borderline: 200 - 239 High : > 240
Method : CHOD-POD			
T.G	105	mg/dL	Desirable < 150 Borderline High 150 - 199 High 200 - 499 Very High > 500
Method : ENZYMATYIC (E.P)			
HDL	48	mg/dL	Male : 30 - 70 Female : 30 - 85
Method : DCM			
V L D L	21	mg/dl	07 - 35
Method : Calculated			
LDL CHOLESTEROL	158 ▲	mg/dl	Desirable :- < 100 Border line: 130 - 159 High Risk : 160 - 189 Very High : > 190
Method : Calculated			
LDL / HDL CHOLESTEROL Ratio	3.29		2.5 - 3.5 High : > 3.5
Method : Calculated			
TOTAL / HDL CHOLESTEROL Ratio	4.73 ▲		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 : 257030	Panel Company : MEDIWHEEL
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Age/Gender : 40 years / Male	Sample Collection Date : Mar 25, 2023, 12:21 p.m.
Refd by Dr. : MEDIWHEEL	Sample Acknowledgment Date : Mar 25, 2023, 12:21 p.m.
Mobile No. : 7503541154	Test Reported On : Mar 25, 2023, 03:13 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 : 257030
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Age/Gender : 40 years / Male
Refd by Dr. : MEDIWHEEL
Mobile No. : 7503541154
Sample Type : SERUM

Panel Company : MEDIWHEEL
Lab Request ID : 00230840067
Sample Collection Date : Mar 25, 2023, 12:21 p.m.
Sample Acknowledgment Date : Mar 25, 2023, 12:21 p.m.
Test Reported On : Mar 25, 2023, 03:14 p.m.


Liver Function Test (LFT)*

Mediwheel metro full body health check up below 40 Male

BILIRUBIN TOTAL	0.3	mg/dL	0.3 - 1.2
Method : DIAZO			
BIL DIRECT	0.1	mg/dL	< 0.2
Method : DIAZO			
BIL INDIRECT	0.2 ▼		0.4-1.1
Method : CALCULATED			
AST/SGOT	35	μ/L	< 50
Method : UV WITHOUT P5P			
ALT/SGPT	45	μ/L	< 50
Method : UV WITHOUT P5P			
ALKALINE PHOSPHATE	54	IU/L	30-120
Method : PNPP, AMP BUFFER			
TOTAL PROTEIN	8.1	g/dL	6.6 - 8.3
Method : BIURET			
ALBUMIN	4.7	g/DL	3.5 - 5.2
Method : BCG			
GLOBULIN	3.4	g/dl	2.0-3.5
Method : Calculated			
A/G RATIO	1.38		0.9-2.5
Method : Calculated			
GGT	16	μ/L	< 55
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)






MC-2471

Reg. ID : 257030
Name of Patient : MR. JAIPRAKASH
Age/Gender : 40 years / Male
Refd by Dr. : MEDIWHEEL
Mobile No. : 7503541154
Sample Type : SERUM

Panel Company : MEDIWHEEL
Lab Request ID : 00230840067
Sample Collection Date : Mar 25, 2023, 12:21 p.m.
Sample Acknowledgment Date : Mar 25, 2023, 12:21 p.m.
Test Reported On : Mar 25, 2023, 03:13 p.m.

Test Description	Value	Unit	Biological Ref Interval
Kidney Function Test (KFT)*			
Mediwheel metro full body health check up below 40 Male			
Urea	46 ▲	mg/DL	17 - 43
Method : UREASE-UV			
Creatinine	0.75	mg/DL	0.67 - 1.17
Method : ALKALINE PICRATE KINETIC			
URIC ACID	5.0	mg/DL	3.5 - 7.2
Method : URICASE CALORIMETRIC			
Blood Urea Nitrogen (Bun)	21.5 ▲	mg/dl	6-20
Method : Calculated			
BUN / CREATININE Ratio	28.67 ▲	mg/dl	5-20
Method : Calculated			
SODIUM	141	mEq/l	136 - 146
Method : ISE INDIRECT			
POTASIUM	3.6	mEq/l	3.5 - 5.1
Method : ISE INDIRECT			
CHLORIDE	103	mEq/l	101 - 109
Method : ISE INDIRECT			
CALCIUM	9.9	mg/dL	8.82-10.6
Method : Aresnazo III			
INORGANIC PHOSPHORUS	4.4	mg/dL	2.5-4.5
Method : Phosphomolybdate reduction			
Comments	-		

END OF REPORT


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





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Refd by Dr.	: MEDIWHEEL	Sample Acknowledgment Date	: Mar 25, 2023, 12:21 p.m.
Mobile No.	: 7503541154	Test Reported On	: Mar 27, 2023, 11:34 a.m.
Sample Type	: RADIO		

X-ray Chest P.A*

Mediwheel metro full body health check up below 40 Male

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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Sample Type	: RADIO		

Male Ultrasound Whole Abdomen*

Mediwheel metro full body health check up below 40 Male

Liver measures 11.4cm 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 biliary 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 measures 7.2 cm normal in outline and echotexture. No focal lesion calcification is seen.

Right **kidney** measures 101 X 51 mm , corticomedullary differentiation is maintained. cortical echotexture is homogenous No mass lesion, or hydronephrosis is seen . Concretion measuring 2.5 mm is seen at the mid pole

Left **kidney** measures 99 X55 mm , corticomedullary differentiation is maintained. cortical echotexture is homogenous No mass lesion, or hydronephrosis is seen. Concretion measuring 1.8 mm is seen at the lower pole

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

Prostate measures 30 X 36 X 29 mm Volume is 17 ml. Echotexture is homogenous no focal lesion is seen.

No significant gastric or small bowel lesion is seen.

No significant retroperitoneal lymph adenopathy . No peritoneal fluid seen.

**Impression: Grade I Fatty Liver
Bilateral renal concretions**





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Mobile No.	: 7503541154	Test Reported On	: Mar 27, 2023, 11:34 a.m.
Sample Type	: RADIO		

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.

END OF REPORT

Dr. Rounak Rajendra Bagga
MD Radiologist





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Refd by Dr. : MEDIWHEEL	Sample Acknowledgment Date : Mar 25, 2023, 12:21 p.m.
Mobile No. : 7503541154	Test Reported On : Mar 25, 2023, 04:25 p.m.
Sample Type : SERUM	

Test Description	Value	Unit	Biological Ref Interval
	<u>TOTAL PSA*</u>		
Mediwheel metro full body health check up below 40 Male			
TOTAL PSA	0.39	ng/ml	< 4


Method : ENHANCED CHEMILUMINESCENCE

SUMMARY

PSA is localized in the cytoplasm of prostatic ductal epithelium and in secretions of the ductal lumina. Because PSA is a secretory protein of the prostate, it can be recovered and purified both from prostatic tissue and from seminal plasma. PSA has been found to be primarily associated with prostate tissue, and elevated serum PSA has been found in patients with prostate cancer, benign prostatic hypertrophy, and inflammatory conditions.

Serum PSA alone is not suitable as a screen for prostate cancer because elevated PSA concentrations are also observed in patients with benign prostatic hypertrophy (BPH), nor is it recommended as a guide in disease staging. The combination of PSA measurement and rectal examination with ultrasonography in the event of abnormal findings may provide a better method of detecting prostate cancer than rectal examination alone. PSA determinations can be useful in detecting metastatic or persistent disease in patients following surgical or medical treatment of prostate cancer.

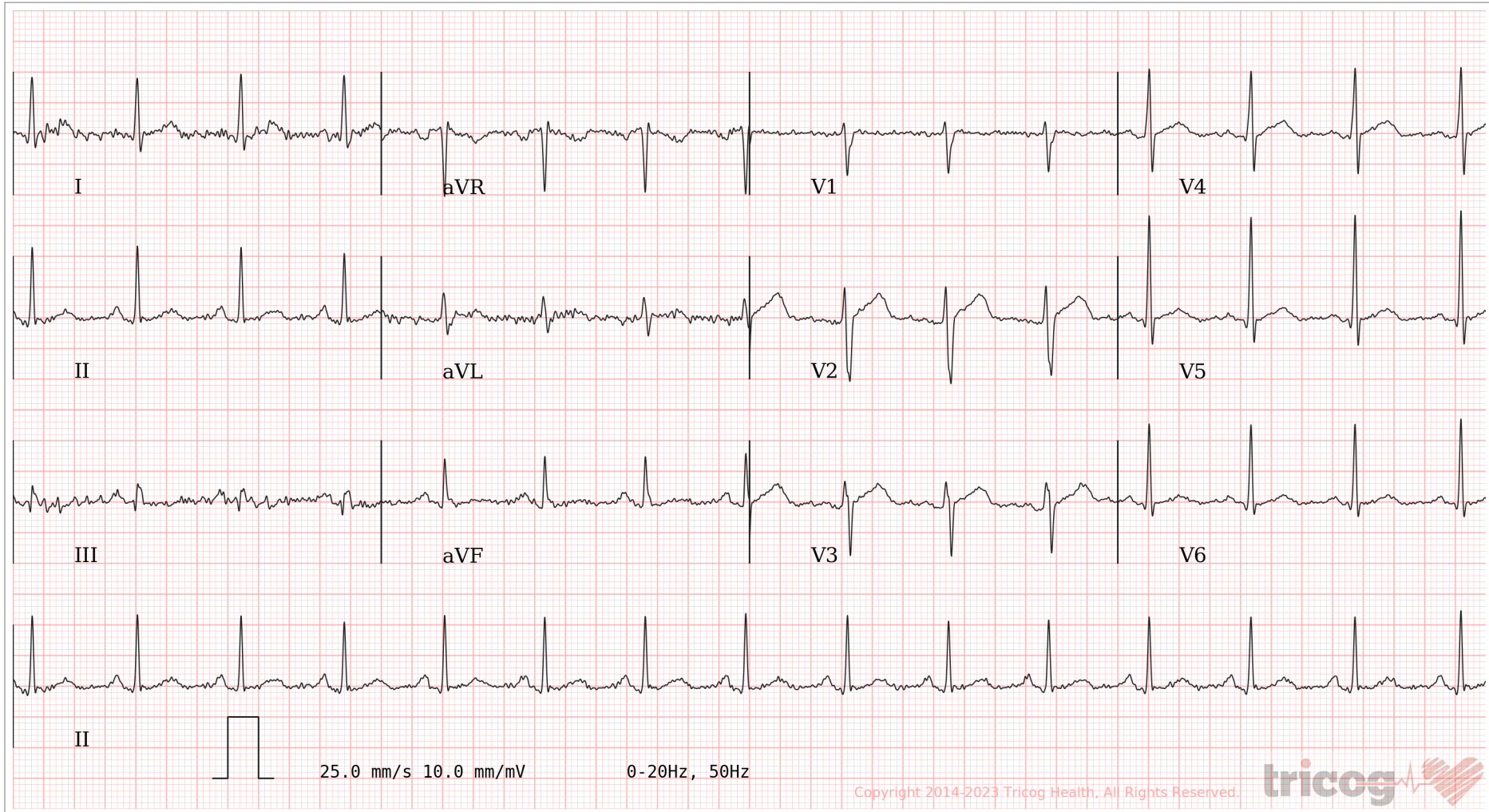
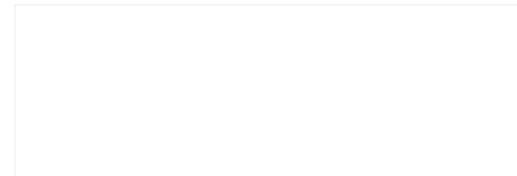
END OF REPORT


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



Age / Gender: 40/Male
Patient ID: 56780
Patient Name: Jaiprakash

Date and Time: 25th Mar 23 11:02 AM



AR: 91.0bpm VR: 90.0bpm QRSD: 86.0ms QT: 356.0ms QTc: 436.0ms PRI: 152.0ms P-R-T: 74.0° 47.0° 3.0°

Sinus Rhythm. ST coving in leads V1, V2, V3, V4. Rule out "Acute Coronary Syndrome". Please correlate clinically.

AUTHORIZED BY

Dr. Charit
MD, DM: Cardiology

63382

REPORTED BY

Dr. Alafia Hatim Canteenwala

2000/08/2914

Name: Mr. JAI PRAKASH
Reff:

Age/Sex : 40Y/M
Date: 25/03/2023

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	30	20-36 (mm/M ²)
Aortic Valve Opening		15-26
Left Atrium size	31	19-40

	End Diastole	End Systole	Normal Values
Left Ventricle Size	44	26	(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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Pulmonary Valve (Cm / Sec.)		Aortic Valve (Cm / Sec.)	
Max Velocity	123	Max Velocity	118
Max PG	6.1	Mean Velocity	
Mean PG		Max PG	5.6
		Mean PG	
Mitral Valve (Cm / Sec.)		Tricuspid Valve (Cm / Sec.)	
E -79	Max Velocity	Max Velocity	
A -91	Mean Velocity	Mean Velocity	
DT -	Max PG	Max PG	16
PHT -	Mean PG	Mean PG	

**Doppler Velocities:
Regurgitation**

Mr. JAI PRAKASH

	MR		TR
Severity	Nil	Severity	Trace
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
Grade 1 diastolic dysfunction.
Trace TR (RVSP=16+ RAP).
RV systolic function is normal.
No intra cardiac clot/mass/veg./pericardial effusion.
IVC normal with >50% respiratory variation

Dr. Saurabh Bagga

