



CID : 2309404867  
Name : MR.RAJAN KUMAR  
Age / Gender : 45 Years / Male  
Consulting Dr. : -  
Reg. Location : J B Nagar, Andheri East (Main Centre)

Collected : 04-Apr-2023 / 08:55  
Reported : 04-Apr-2023 / 11:28

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**MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO**

**CBC (Complete Blood Count), Blood**

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
<b><u>RBC PARAMETERS</u></b>			
Haemoglobin	15.5	13.0-17.0 g/dL	Spectrophotometric
RBC	5.35	4.5-5.5 mil/cmm	Elect. Impedance
PCV	46.0	40-50 %	Calculated
MCV	86.1	81-101 fl	Measured
MCH	29.1	27-32 pg	Calculated
MCHC	33.8	31.5-34.5 g/dL	Calculated
RDW	14.0	11.6-14.0 %	Calculated
<b><u>WBC PARAMETERS</u></b>			
WBC Total Count	7000	4000-10000 /cmm	Elect. Impedance
<b><u>WBC DIFFERENTIAL AND ABSOLUTE COUNTS</u></b>			
Lymphocytes	38.9	20-40 %	
Absolute Lymphocytes	2710	1000-3000 /cmm	Calculated
Monocytes	5.8	2-10 %	
Absolute Monocytes	400	200-1000 /cmm	Calculated
Neutrophils	51.4	40-80 %	
Absolute Neutrophils	3590	2000-7000 /cmm	Calculated
Eosinophils	2.6	1-6 %	
Absolute Eosinophils	180	20-500 /cmm	Calculated
Basophils	1.3	0.1-2 %	
Absolute Basophils	90	20-100 /cmm	Calculated
Immature Leukocytes	-		

WBC Differential Count by Absorbance & Impedance method/Microscopy.

**PLATELET PARAMETERS**

Platelet Count	220000	150000-410000 /cmm	Elect. Impedance
MPV	11.7	6-11 fl	Measured
PDW	25.3	11-18 %	Calculated

**RBC MORPHOLOGY**



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Hypochromia -  
Microcytosis -  
Macrocytosis -  
Anisocytosis -  
Poikilocytosis -  
Polychromasia -  
Target Cells -  
Basophilic Stippling -  
Normoblasts -  
Others Normocytic, Normochromic  
WBC MORPHOLOGY -  
PLATELET MORPHOLOGY -  
COMMENT -

Specimen: EDTA Whole Blood

ESR, EDTA WB-ESR 16 2-15 mm at 1 hr. Sedimentation

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD SDRL, Vidyavihar Lab  
\*\*\* End Of Report \*\*\*



**Dr. TRUPTI SHETTY**  
**M. D. (PATH)**  
**Pathologist**



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Reg. Location : J B Nagar, Andheri East (Main Centre)

Collected : 04-Apr-2023 / 08:55  
Reported : 04-Apr-2023 / 16:21

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**MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO**

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
GLUCOSE (SUGAR) FASTING, Fluoride Plasma	151.8	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
GLUCOSE (SUGAR) PP, Fluoride Plasma PP/R	195.3	Non-Diabetic: < 140 mg/dl Impaired Glucose Tolerance: 140-199 mg/dl Diabetic: >/= 200 mg/dl	Hexokinase
Urine Sugar (Fasting)	Absent	Absent	
Urine Ketones (Fasting)	Absent	Absent	
Urine Sugar (PP)	Absent	Absent	
Urine Ketones (PP)	Absent	Absent	

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD SDRL, Vidyavihar Lab  
\*\*\* End Of Report \*\*\*



*Anupa*

**Dr. ANUPA DIXIT**  
**M.D.(PATH)**  
**Consultant Pathologist & Lab Director**



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Reported : 04-Apr-2023 / 13:33

**MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO**  
**KIDNEY FUNCTION TESTS**

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
BLOOD UREA, Serum	28.1	19.29-49.28 mg/dl	Calculated
BUN, Serum	13.1	9.0-23.0 mg/dl	Urease with GLDH
CREATININE, Serum	0.88	0.60-1.10 mg/dl	Enzymatic
eGFR, Serum	100	>60 ml/min/1.73sqm	Calculated
Note: eGFR estimation is calculated using MDRD (Modification of diet in renal disease study group) equation			
TOTAL PROTEINS, Serum	7.1	5.7-8.2 g/dL	Biuret
ALBUMIN, Serum	4.4	3.2-4.8 g/dL	BCG
GLOBULIN, Serum	2.7	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.6	1 - 2	Calculated
URIC ACID, Serum	6.9	3.7-9.2 mg/dl	Uricase/ Peroxidase
PHOSPHORUS, Serum	3.5	2.4-5.1 mg/dl	Phosphomolybdate
CALCIUM, Serum	9.6	8.7-10.4 mg/dl	Arsenazo
SODIUM, Serum	140	136-145 mmol/l	IMT
POTASSIUM, Serum	4.5	3.5-5.1 mmol/l	IMT
CHLORIDE, Serum	104	98-107 mmol/l	IMT

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



*Namrata*

**Dr.NAMRATA RAUL**  
M.D (Biochem)  
Biochemist



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**MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO**  
**GLYCOSYLATED HEMOGLOBIN (HbA1c)**

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
Glycosylated Hemoglobin (HbA1c), EDTA WB - CC	7.6	Non-Diabetic Level: < 5.7 % Prediabetic Level: 5.7-6.4 % Diabetic Level: >/= 6.5 %	HPLC
Estimated Average Glucose (eAG), EDTA WB - CC	171.4	mg/dl	Calculated

**Intended use:**

- In patients who are meeting treatment goals, HbA1c test should be performed at least 2 times a year
- In patients whose therapy has changed or who are not meeting glycemic goals, it should be performed quarterly
- For microvascular disease prevention, the HbA1C goal for non pregnant adults in general is Less than 7%.

**Clinical Significance:**

- HbA1c, Glycosylated hemoglobin or glycated hemoglobin, is hemoglobin with glucose molecule attached to it.
- The HbA1c test evaluates the average amount of glucose in the blood over the last 2 to 3 months by measuring the percentage of glycosylated hemoglobin in the blood.

**Test Interpretation:**

- The HbA1c test evaluates the average amount of glucose in the blood over the last 2 to 3 months by measuring the percentage of Glycosylated hemoglobin in the blood.
- HbA1c test may be used to screen for and diagnose diabetes or risk of developing diabetes.
- To monitor compliance and long term blood glucose level control in patients with diabetes.
- Index of diabetic control, predicting development and progression of diabetic micro vascular complications.

**Factors affecting HbA1c results:**

**Increased in:** High fetal hemoglobin, Chronic renal failure, Iron deficiency anemia, Splenectomy, Increased serum triglycerides, Alcohol ingestion, Lead/opiate poisoning and Salicylate treatment.

**Decreased in:** Shortened RBC lifespan (Hemolytic anemia, blood loss), following transfusions, pregnancy, ingestion of large amount of Vitamin E or Vitamin C and Hemoglobinopathies

**Reflex tests:** Blood glucose levels, CGM (Continuous Glucose monitoring)

**References:** ADA recommendations, AACC, Wallach's interpretation of diagnostic tests 10th edition.

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



*Namrata*

**Dr.NAMRATA RAUL**  
**M.D (Biochem)**  
**Biochemist**



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Reported : 04-Apr-2023 / 12:02

**MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO**  
**PROSTATE SPECIFIC ANTIGEN (PSA)**

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
TOTAL PSA, Serum	0.738	<4.0 ng/ml	CLIA

**Clinical Significance:**

- PSA is detected in the serum of males with normal, benign hyper-plastic, and malignant prostate tissue.
- Monitoring patients with a history of prostate cancer as an early indicator of recurrence and response to treatment.
- Prostate cancer screening 4. The percentage of Free PSA (FPSA) in serum is described as being significantly higher in patients with BPH than in patients with prostate cancer. 5. Calculation of % free PSA (ie. FPSA/TPSA x 100 ), has been suggested as way of improving the differentiation of BPH and Prostate cancer.

**Interpretation:**

**Increased In-** Prostate diseases, Cancer, Prostatitis, Benign prostatic hyperplasia, Prostatic ischemia, Acute urinary retention, Manipulations like Prostatic massage, Cystoscopy, Needle biopsy, Transurethral resection, Digital rectal examination, Radiation therapy, Indwelling catheter, Vigorous bicycle exercise, Drugs (e.g., testosterone), Physiologic fluctuations. Also found in small amounts in other cancers (sweat and salivary glands, breast, colon, lung, ovary) and in Skene glands of female urethra and in term placenta, Acute renal failure, Acute myocardial infarction,

**Decreased In-** Ejaculation within 24-48 hours, Castration, Antiandrogen drugs (e.g., finasteride), Radiation therapy, Prostatectomy, PSA falls 17% in 3 days after lying in hospital, Artifactual (e.g., improper specimen collection; very high PSA levels). Finasteride (5- $\alpha$ -reductase inhibitor) reduces PSA by 50% after 6 months in men without cancer.

**Reflex Tests:** % FREE PSA, USG Prostate

**Limitations:**

- tPSA values determined on patient samples by different testing procedures cannot be directly compared with one another and could be the cause of erroneous medical interpretations. If there is a change in the tPSA assay procedure used while monitoring therapy, then the tPSA values obtained upon changing over to the new procedure must be confirmed by parallel measurements with both methods. Immediate PSA testing following digital rectal examination, ejaculation, prostatic massage, indwelling catheterization, ultrasonography and needle biopsy of prostate is not recommended as they falsely elevate levels.
- Patients who have been regularly exposed to animals or have received immunotherapy or diagnostic procedures utilizing immunoglobulins or immunoglobulin fragments may produce antibodies, e.g. HAMA, that interferes with immunoassays.
- PSA results should be interpreted in light of the total clinical presentation of the patient, including: symptoms, clinical history, data from additional tests, and other appropriate information.
- Serum PSA concentrations should not be interpreted as absolute evidence for the presence or absence of prostate cancer.

**Reference:**

- Wallach's Interpretation of diagnostic tests
- Total PSA Pack insert

*Anupa*

**Dr. ANUPA DIXIT**  
**M.D.(PATH)**  
**Consultant Pathologist & Lab Director**





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



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**MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO  
URINE EXAMINATION REPORT**

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
<b><u>PHYSICAL EXAMINATION</u></b>			
Color	Pale yellow	Pale Yellow	-
Reaction (pH)	5.0	4.5 - 8.0	Chemical Indicator
Specific Gravity	1.010	1.001-1.030	Chemical Indicator
Transparency	Clear	Clear	-
Volume (ml)	30	-	-
<b><u>CHEMICAL EXAMINATION</u></b>			
Proteins	Absent	Absent	pH Indicator
Glucose	Absent	Absent	GOD-POD
Ketones	Absent	Absent	Legals Test
Blood	Absent	Absent	Peroxidase
Bilirubin	Absent	Absent	Diazonium Salt
Urobilinogen	Normal	Normal	Diazonium Salt
Nitrite	Absent	Absent	Griess Test
<b><u>MICROSCOPIC EXAMINATION</u></b>			
Leukocytes(Pus cells)/hpf	1-2	0-5/hpf	
Red Blood Cells / hpf	Absent	0-2/hpf	
Epithelial Cells / hpf	0-1		
Casts	Absent	Absent	
Crystals	Absent	Absent	
Amorphous debris	Absent	Absent	
Bacteria / hpf	3-4	Less than 20/hpf	
Others	-		

**Interpretation:** The concentration values of Chemical analytes corresponding to the grading given in the report are as follows:

- Protein:(1+ ~25 mg/dl, 2+ ~75 mg/dl, 3+ ~ 150 mg/dl, 4+ ~ 500 mg/dl)
- Glucose:(1+ ~ 50 mg/dl, 2+ ~100 mg/dl, 3+ ~300 mg/dl,4+ ~1000 mg/dl)
- Ketone:(1+ ~5 mg/dl, 2+ ~15 mg/dl, 3+ ~ 50 mg/dl, 4+ ~ 150 mg/dl)

**Reference:** Pack insert

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD SDRL, Vidyavihar Lab

**Dr.VRUSHALI SHROFF**  
M.D.(PATH)  
Pathologist







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Collected :  
Reported :

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**MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO**  
**BLOOD GROUPING & Rh TYPING**

<u>PARAMETER</u>	<u>RESULTS</u>
ABO GROUP	B
Rh TYPING	Positive

NOTE: Test performed by automated Erythrocytes magnetized technology (EMT) which is more sensitive than conventional methods.

Specimen: EDTA Whole Blood and/or serum

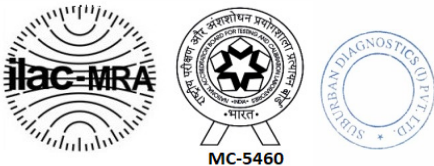
**Clinical significance:**  
ABO system is most important of all blood group in transfusion medicine

- Limitations:**
- ABO blood group of new born is performed only by cell (forward) grouping because allo antibodies in cord blood are of maternal origin.
  - Since A & B antigens are not fully developed at birth, both Anti-A & Anti-B antibodies appear after the first 4 to 6 months of life. As a result, weaker reactions may occur with red cells of newborns than of adults.
  - Confirmation of newborn's blood group is indicated when A & B antigen expression and the isoagglutinins are fully developed at 2 to 4 years of age & remains constant throughout life.
  - Cord blood is contaminated with Wharton's jelly that causes red cell aggregation leading to false positive result
  - The Hh blood group also known as Oh or Bombay blood group is rare blood group type. The term Bombay is used to refer the phenotype that lacks normal expression of ABH antigens because of inheritance of hh genotype.

- References:**
1. Denise M Harmening, Modern Blood Banking and Transfusion Practices- 6th Edition 2012. F.A. Davis company. Philadelphia
  2. AABB technical manual

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

**Dr.VRUSHALI SHROFF**  
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**Pathologist**





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**MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO**  
**LIPID PROFILE**

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
CHOLESTEROL, Serum	214.2	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	CHOD-POD
TRIGLYCERIDES, Serum	432.6	Normal: <150 mg/dl Borderline-high: 150 - 199 mg/dl High: 200 - 499 mg/dl Very high:>/=500 mg/dl	Enzymatic colorimetric
HDL CHOLESTEROL, Serum	35.0	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Elimination/ Catalase
NON HDL CHOLESTEROL, Serum	179.2	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	141.8	Optimal: <100 mg/dl Near Optimal: 100 - 129 mg/dl Borderline High: 130 - 159 mg/dl High: 160 - 189 mg/dl Very High: >/= 190 mg/dl	Calculated
VLDL CHOLESTEROL, Serum	37.4	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	6.1	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	4.1	0-3.5 Ratio	Calculated

Note : LDL test is performed by direct measurement.

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



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**M.D (Biochem)**  
**Biochemist**



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**MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO**  
**THYROID FUNCTION TESTS**

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
Free T3, Serum	4.7	3.5-6.5 pmol/L	CLIA
Free T4, Serum	14.9	11.5-22.7 pmol/L	CLIA
sensitiveTSH, Serum	2.242	0.55-4.78 microIU/ml	CLIA



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**Interpretation:**

A thyroid panel is used to evaluate thyroid function and/or help diagnose various thyroid disorders.

**Clinical Significance:**

- 1)TSH Values between high abnormal upto15 microIU/ml should be correlated clinically or repeat the test with new sample as physiological factors can give falsely high TSH.
- 2)TSH values may be transiently altered because of non thyroidal illness like severe infections,liver disease, renal and heart severe burns, trauma and surgery etc.

TSH	FT4 / T4	FT3 / T3	Interpretation
High	Normal	Normal	Subclinical hypothyroidism, poor compliance with thyroxine, drugs like amiodarone, Recovery phase of non-thyroidal illness, TSH Resistance.
High	Low	Low	Hypothyroidism, Autoimmune thyroiditis, post radio iodine Rx, post thyroidectomy, Anti thyroid drugs, tyrosine kinase inhibitors & amiodarone, amyloid deposits in thyroid, thyroid tumors & congenital hypothyroidism.
Low	High	High	Hyperthyroidism, Graves disease, toxic multinodular goiter, toxic adenoma, excess iodine or thyroxine intake, pregnancy related (hyperemesis gravidarum, hydatiform mole)
Low	Normal	Normal	Subclinical Hyperthyroidism, recent Rx for Hyperthyroidism, drugs like steroids & dopamine), Non thyroidal illness.
Low	Low	Low	Central Hypothyroidism, Non Thyroidal Illness, Recent Rx for Hyperthyroidism.
High	High	High	Interfering anti TPO antibodies, Drug interference: Amiodarone, Heparin, Beta Blockers, steroids & anti epileptics.

**Diurnal Variation:**TSH follows a diurnal rhythm and is at maximum between 2 am and 4 am , and is at a minimum between 6 pm and 10 pm. The variation is on the order of 50 to 206%. Biological variation:19.7%(with in subject variation)

**Reflex Tests:**Anti thyroid Antibodies,USG Thyroid ,TSH receptor Antibody. Thyroglobulin, Calcitonin

**Limitations:**

1. Samples should not be taken from patients receiving therapy with high biotin doses (i.e. >5 mg/day) until atleast 8 hours following the last biotin administration.
2. Patient samples may contain heterophilic antibodies that could react in immunoassays to give falsely elevated or depressed results. this assay is designed to minimize interference from heterophilic antibodies.

**Reference:**

- 1.O.koulouri et al. / Best Practice and Research clinical Endocrinology and Metabolism 27(2013)
- 2.Interpretation of the thyroid function tests, Dayan et al. THE LANCET . Vol 357
- 3.Tietz ,Text Book of Clinical Chemistry and Molecular Biology -5th Edition
- 4.Biological Variation:From principles to Practice-Callum G Fraser (AACC Press)

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



*Namrata Raul*

**Dr.NAMRATA RAUL**  
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**MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO**  
**LIVER FUNCTION TESTS**

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
BILIRUBIN (TOTAL), Serum	0.47	0.3-1.2 mg/dl	Vanadate oxidation
BILIRUBIN (DIRECT), Serum	0.15	0-0.3 mg/dl	Vanadate oxidation
BILIRUBIN (INDIRECT), Serum	0.32	<1.2 mg/dl	Calculated
TOTAL PROTEINS, Serum	7.1	5.7-8.2 g/dL	Biuret
ALBUMIN, Serum	4.4	3.2-4.8 g/dL	BCG
GLOBULIN, Serum	2.7	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.6	1 - 2	Calculated
SGOT (AST), Serum	28.9	<34 U/L	Modified IFCC
SGPT (ALT), Serum	<b>64.7</b>	10-49 U/L	Modified IFCC
GAMMA GT, Serum	<b>79.0</b>	<73 U/L	Modified IFCC
ALKALINE PHOSPHATASE, Serum	78.0	46-116 U/L	Modified IFCC

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



*Namrata*

**Dr.NAMRATA RAUL**  
**M.D (Biochem)**  
**Biochemist**

# SUBURBAN DIAGNOSTICS - J B NAGAR, ANDHERI EAST

Patient Name: RAJAN KUMAR  
Patient ID: 2309404867

Date and Time: 4th Apr 23 9:12 AM

Age **45** **1** **3**  
years months days

Gender **Male**

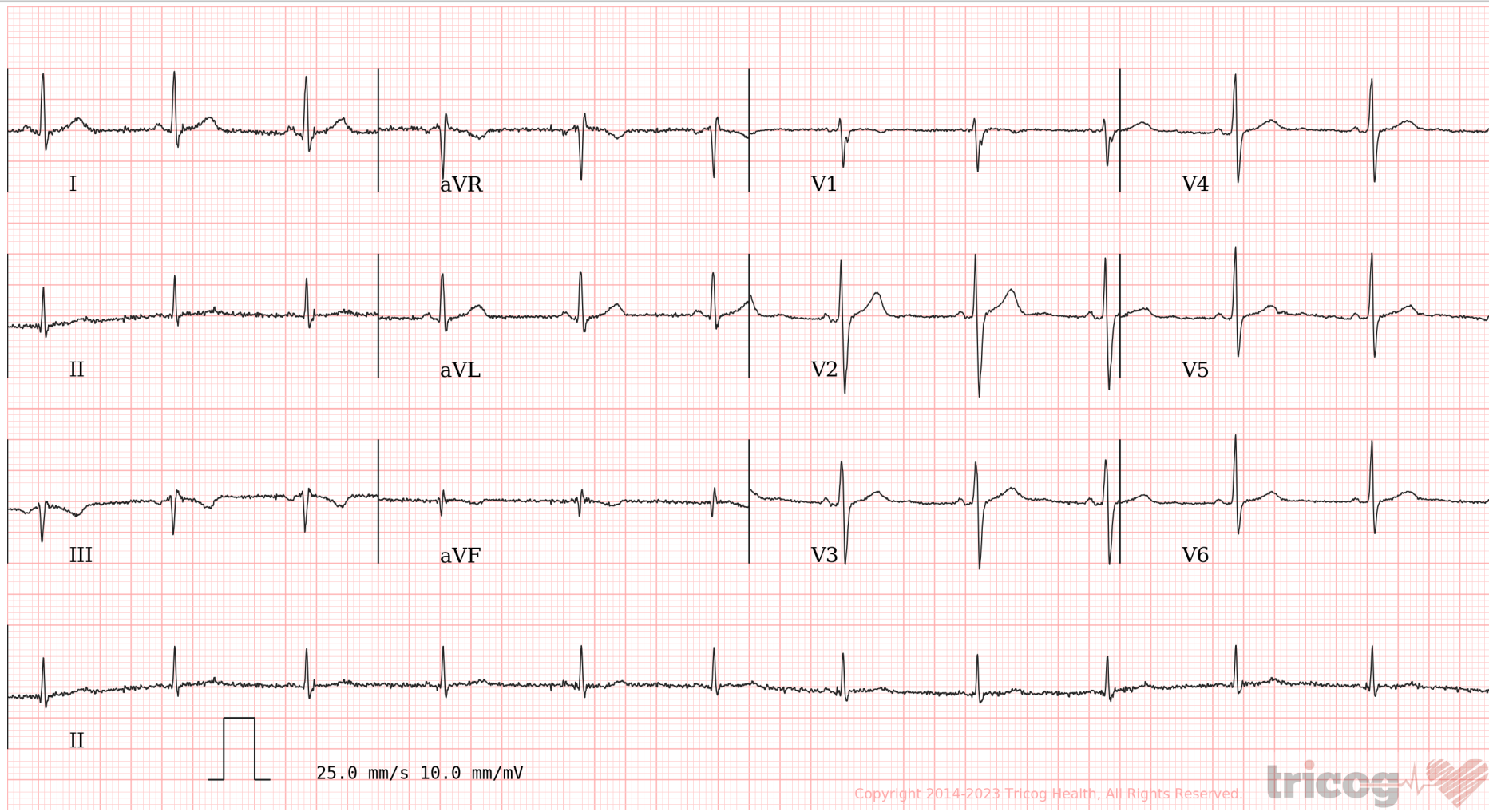
Heart Rate **70bpm**

### Patient Vitals

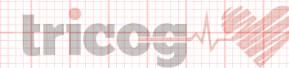
BP: 130/90 mmHg  
Weight: 97 kg  
Height: 179 cm  
Pulse: NA  
Spo2: NA  
Resp: NA  
Others: \_\_\_\_\_

### Measurements

QRSD: 88ms  
QT: 364ms  
QTcB: 393ms  
PR: 106ms  
P-R-T: -5° 2° -13°



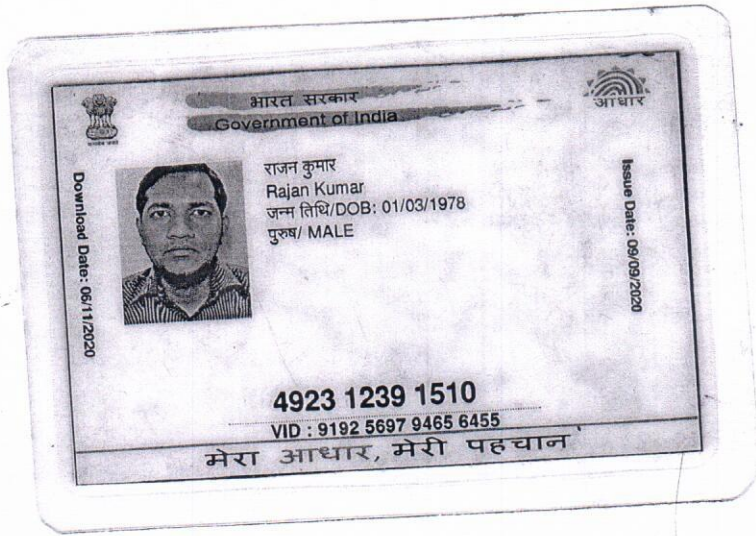
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Sinus Rhythm, Short PR Interval. Baseline wandering. Please correlate clinically. Please correlate clinically.

REPORTED BY

Dr Ashish Deshmukh  
M.B.B.S., MD (Medicine)  
59997



*Handwritten signature*  
8090790594

Suburban Diagnostics India Pvt Ltd  
Shop Nos-10/19/20, Wing -A, Bonanza Building,  
Sahar Plaza, Near Kohinoor Hotel,  
Below J B Nagar Metro Station,  
Andheri -Kurla Road, Andheri East, Mumbai -400059



Date:- 4/4/23  
 Name:- Ranjan Kumar

CID: 2309404867  
 Sex / Age: 45 / M

**EYE CHECK UP**

Chief complaints: Nil

Systemic Diseases: Nil

Past history: Nil

Unaided Vision: Distance → R 6/6  
 L 4/6

Aided Vision: Near → R N/5  
 L N/5

Refraction:

(Right Eye)

(Left Eye)

	Sph	Cyl	Axis	Vn	Sph	Cyl	Axis	Vn	
Distance	→				6/6	→			
Near	→				N/5	→			

Colour Vision: Normal / Abnormal

Remark: Both eyes Normal

Suburban Diagnostics India Pvt Ltd  
 Shop No. 2107/20, Wing-A, Bonanza Building,  
 Sahar Road, Near Khar Road Hotel,  
 Below J B Nagar Metro Station,  
 Andheri - Kurla Road, Andheri East, Mumbai - 400059

-Patient Name : MR.RAJAN KUMAR

Age: 45 Yrs

Sex :- M

DATE:-04.04.2023

CIDNO. 2309404867

## 2 D ECHO DOPPLER

### Summary:

1. Normal LV size with normal LV systolic function(LVEF 60%)
2. No diastolic dysfunction.
3. No RWMA
4. No obvious valvular pathology.
5. IVC normal
6. No pericardial effusion.
7. No pulmonary hypertension. PASP= 28 mm HG

### Left Ventricular assessment:

Size and thickness: normal

RWMA: None obvious

Function: Normal systolic function, No diastolic dysfunction.

LVEF (Estimated): 60%

Mass/Thrombus: Nil.

### Right Ventricular assessment:

Size and thickness: Normal.

Systolic function: Normal.

Mass/Thrombus: Nil.

### Atria:

Size: Appears normal.

Mass/Thrombus: Nil.

### Mitral Valve:

Structure: Normal.

Cusp separation: Normal.

Regurgitation: Trivial

### Tricuspid Valve:

Structure: Normal.

Cusp separation: Normal.

Regurgitation: trivial

**Aortic Valve:**

Structure: Normal.  
Cusp separation: Normal.  
Regurgitation: Nil.  
Aortic root: Normal.

**Pulmonary Valve:**

Structure: Normal.  
Cusp separation: Normal.  
Regurgitation: Nil.

**Sub costal view:**

IVC – Normal.

**Supra sternal view:**

Aortic arch: Normal.


**Pericardium:** No obvious pericardial effusion.

**Dimensions & Doppler measurements:**

LA	30	mm	E's		cm/s	E'L	--	cm/s	E'TV	--	cm/s
AoA	26	mm	E/E's	4		E/E'L	--		E/E'TV	--	
IVSd	10	mm	Ss		cm/s	SL	--	cm/s	STV	--	cm/s
LVIDd	45	mm	Evel	0.95	m/s	RV EDA	--	cm <sup>2</sup>	SPAP	28	mmHg
PWd	10	mm	Avel	0.5	m/s	RV ESA	--	cm <sup>2</sup>	DPAP	--	mmHg
LVIDs	24	mm	MVDT		ms	RV FAC	--	%	MPAP	--	mmHg
LA vol		ml	E/A	>1		LVOTd		cm	ATPV	--	ms
RA vol		ml	MAPSE	N	cm	RVOTd	--	cm	PH <sub>A/D</sub>	--	Wu
IVC	10	mm	TAPSE	N	cm	ARPHT	--	ms	LVEDP	--	mmHg

	Max Vel m/s	Max PG mmHg	Mean PGmmHg	VTI	Valve area cm <sup>2</sup>
AV	1.3	5			N
PV					N
MV					N
LVOT	1.2	4			N
RVOT					N

.....End of Report.....

  
DR. DINESH ROHIRA  
ECHO CARDIOLOGIST

**Dr Dinesh Rohira**  
MBBS, DNB (Cardiology)  
Registration No 2008040837

Name : Mr . RAJAN KUMAR  
VID : 2309404867  
Ref By : Arcofemi Healthcare Limited

Reg Date : 04-Apr-2023 08:51  
Age/Gender : 45 Years  
Regn Centre : J B Nagar, Andheri East (Main Centre)

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**History and Complaints:**

NO PRESENT MEDICAL COMPLAINTS.

**EXAMINATION FINDINGS:**

<b>Height (cms):</b>	179 CMS	<b>Weight (kg):</b>	97 KGS
<b>Temp (0c):</b>	AFBERILE	<b>Skin:</b>	NAD
<b>Blood Pressure (mm/hg):</b>	130/90 MMHG	<b>Nails:</b>	NAD
<b>Pulse:</b>	74/MIN	<b>Lymph Node:</b>	NOT PALPABLE

**Systems**

**Cardiovascular:** S1 S2 HEARD

**Respiratory:** AEBE

**Genitourinary:** NAD

**GI System:** NAD

**CNS:** NAD

**IMPRESSION:**

CLIENT IS IN GOOD GENERAL HELATH  
FBS-151.8mg/dl, HbA1C-7.6%, DYSLIPIDEMIA, SGPT-64.7U/L.

**ADVICE:**

CONSULT TO PHYSICIAN.

**CHIEF COMPLAINTS:**

- 1) **Hypertension:** NO
- 2) **IHD** NO
- 3) **Arrhythmia** NO
- 4) **Diabetes Mellitus** NO
- 5) **Tuberculosis** NO
- 6) **Asthama** NO
- 7) **Pulmonary Disease** NO
- 8) **Thyroid/ Endocrine disorders** NO
- 9) **Nervous disorders** NO
- 10) **GI system** NO
- 11) **Genital urinary disorder** NO
- 12) **Rheumatic joint diseases or symptoms** NO
- 13) **Blood disease or disorder** NO
- 14) **Cancer/lump growth/cyst** NO
- 15) **Congenital disease** NO
- 16) **Surgeries** NO

Name	: Mr . RAJAN KUMAR	Reg Date	: 04-Apr-2023 08:51
VID	: 2309404867	Age/Gender	: 45 Years
Ref By	: Arcofemi Healthcare Limited	Regn Centre	: J B Nagar, Andheri East (Main Centre)

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17) **Musculoskeletal System** NO

**PERSONAL HISTORY:**

- |                      |       |
|----------------------|-------|
| 1) <b>Alcohol</b>    | NO    |
| 2) <b>Smoking</b>    | NO    |
| 3) <b>Diet</b>       | MIXED |
| 4) <b>Medication</b> | NO    |

**Dr.Anjana Maheshwari**



**CID** : 2309404867  
**Name** : Mr RAJAN KUMAR  
**Age / Sex** : 45 Years/Male  
**Ref. Dr** :  
**Reg. Location** : J B Nagar, Andheri East Main Centre

**Reg. Date** : 04-Apr-2023  
**Reported** : 04-Apr-2023/09:57

## **USG WHOLE ABDOMEN**

**Note:** Suboptimal scan due to bowel gas.

### **LIVER:**

The liver is normal in size,( 14.8 cm ) shape and smooth margins. It shows **bright** parenchymal echo pattern.The intra hepatic biliary and portal radical appear normal. No evidence of any intra hepatic cystic or solid lesion seen.The main portal vein and CBD appears normal.

### **GALL BLADDER:**

The gall bladder is physiologically distended and appears normal.No evidence of gall stones or mass lesions seen

### **PANCREAS:**

The pancreas is well visualised and appears normal.No evidence of solid or cystic mass lesion.

### **KIDNEYS:**

Both the kidneys are normal in size shape and echotexture.  
No evidence of any calculus,hydronephrosis or mass lesion seen.  
Right kidney measures 11.3 x 4.8 cm. Left kidney measures 11.2 x 5.3 cm.

### **SPLEEN:**

The spleen is normal in size ( 7.6 cm ) and echotexture. No evidence of focal lesion is noted.  
There is no evidence of any lymphadenopathy or ascites.

### **URINARY BLADDER:**

The urinary bladder is partially distended and reveal no intraluminal abnormality.

### **PROSTATE:**

The prostate is normal in size measures 2.8 x 2.7 x 2.7 cm and volume is 11.2 cc.



Use a QR Code Scanner  
Application To Scan the Code

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**Reg. Location** : J B Nagar, Andheri East Main Centre

**Reg. Date** : 04-Apr-2023  
**Reported** : 04-Apr-2023/09:57

No free fluid or significant lymphadenopathy is seen.

**IMPRESSION:**  
**Grade I fatty liver.**

-----End of Report-----

**Dr. Swapnil Nisal**  
**MBBS, DMRE**  
**MMC Reg. No.2015/06/3297**



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Authenticity Check



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Ref. Dr :  
Reg. Location : J B Nagar, Andheri East Main Centre  
Reg. Date : 04-Apr-2023  
Reported : 05-Apr-2023 / 9:51

**X-RAY CHEST PA VIEW**

Note: Suboptimal sacn due to inadequate inspiration.

Both lung fields are clear.

Both costo-phrenic angles are clear.

The cardiac size and shape are within normal limits.

The domes of diaphragm are normal in position and outlines.

The skeleton under review appears normal.

**IMPRESSION:**

**NO SIGNIFICANT ABNORMALITY IS DETECTED.**

-----End of Report-----

Dr. Swapnil Nisal  
MBBS, DMRE  
MMC Reg. No.2015/06/3297

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