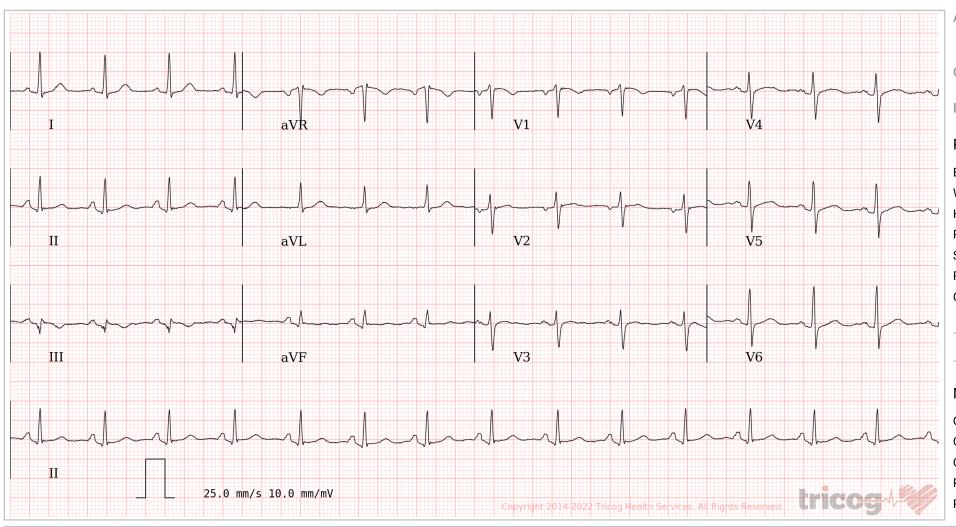
# BURBAN 🔅

PRECISE TESTING · HEALTHIER LIVING

## SUBURBAN DIAGNOSTICS - KALINA, SANTACRUZ EAST

Patient Name: MEENA PANDEY Date and Time: 7th Mar 22 11:31 AM

Patient ID: 2206601808



Age 46 2 6 years months days

Gender Female

Heart Rate 90bpm

### **Patient Vitals**

BP: NA
Weight: NA
Height: NA
Pulse: NA
Spo2: NA
Resp: NA
Others:

#### Measurements

QSRD: 90ms
QT: 372ms
QTc: 455ms
PR: 136ms
P-R-T: 66° 25° 24°

Sinus Rhythm, Normal Axis, Nonspecific T wave Abnormality. Please correlate clinically.

REPORTED BY

Song. J.

DR SONALI HONRAO MD ( General Medicine) Physician 2001/04/1882

Disclaimer: 1) Analysis in this report is based on ECG alone and should be used as an adjunct to clinical history, symptoms, and results of other invasive and non-invasive tests and must be interpreted by a qualified physician. 2) Patient vitals are as entered by the clinician and not derived from the ECG.



: 2206601808 CID

: Mrs MEENA PANDEY Name

: 46 Years/Female Age / Sex

Ref. Dr

Reg. Location : Kalina, Santacruz East Main Centre

Reg. Date Reported

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: 07-Mar-2022 / 11:53

## X-RAY CHEST PA VIEW

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 Re	port

This report is prepared and physically checked by Dr Asha Dhavan before dispatch.

Dr. Asha Rajendra Dhavan MBBS, DMRE Reg No: 2489

Consultant Radiologist

Click here to view images

http://202.143.96.162/Suburban/Viewer?ViewerType=3&AccessionNo=2022030710541106



Name : MRS.MEENA PANDEY

Age / Gender : 46 Years / Female

Consulting Dr. : -

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:07-Mar-2022 / 16:09

## MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/TMT

CBC (Complete Blood Count), Blood			
<u>PARAMETER</u>	<b>RESULTS</b>	<b>BIOLOGICAL REF RANGE</b>	<u>METHOD</u>
RBC PARAMETERS			
Haemoglobin	10.3	12.0-15.0 g/dL	Spectrophotometric
RBC	3.96	3.8-4.8 mil/cmm	Elect. Impedance
PCV	32.5	36-46 %	Measured
MCV	82.2	80-100 fl	Calculated
MCH	26.1	27-32 pg	Calculated
MCHC	31.8	31.5-34.5 g/dL	Calculated
RDW	15.1	11.6-14.0 %	Calculated
WBC PARAMETERS			
WBC Total Count	5170	4000-10000 /cmm	Elect. Impedance
WBC DIFFERENTIAL AND A	BSOLUTE COUNTS		
Lymphocytes	19.4	20-40 %	
Absolute Lymphocytes	1003.0	1000-3000 /cmm	Calculated
Monocytes	7.8	2-10 %	
Absolute Monocytes	403.3	200-1000 /cmm	Calculated
Neutrophils	70.0	40-80 %	
Absolute Neutrophils	3619.0	2000-7000 /cmm	Calculated
Eosinophils	2.4	1-6 %	
Absolute Eosinophils	124.1	20-500 /cmm	Calculated
Basophils	0.4	0.1-2 %	
Absolute Basophils	20.7	20-100 /cmm	Calculated

WBC Differential Count by Absorbance & Impedance method/Microscopy.

### **PLATELET PARAMETERS**

Platelet Count	200000	150000-400000 /cmm	Elect. Impedance
MPV	10.7	6-11 fl	Calculated
PDW	19.4	11-18 %	Calculated

### **RBC MORPHOLOGY**

Immature Leukocytes

Hypochromia Microcytosis -

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: 46 Years / Female Age / Gender

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Macrocytosis

Anisocytosis

Poikilocytosis

Polychromasia

**Target Cells** 

Basophilic Stippling

Normoblasts

Others Normocytic, Normochromic

**WBC MORPHOLOGY** 

PLATELET MORPHOLOGY

COMMENT

Specimen: EDTA Whole Blood

ESR, EDTA WB 2-20 mm at 1 hr. Westergren

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD CPL, Andheri West \*\*\* End Of Report \*\*\*







Dr. AMAR DASGUPTA, MD,PhD **Consultant Hematopathologist Director - Medical Services** 

**Dr.MILLU JAIN** M.D.(PATH) **Pathologist** 

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Hexokinase

## MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/TMT **BLOOD SUGAR REPORT**

**RESULTS BIOLOGICAL REF RANGE PARAMETER METHOD** 

GLUCOSE (SUGAR) FASTING,

Fluoride Plasma

105.9 Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose:

100-125 mg/dl

Diabetic: >/= 126 mg/dl

Collected

Reported

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

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## MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/TMT URINE EXAMINATION REPORT

<u>PARAMETER</u>	RESULTS	BIOLOGICAL REF RANGE	<u>METHOD</u>
PHYSICAL EXAMINATION			
Color	Yellow	Pale Yellow	-
Reaction (pH)	6.0	4.5 - 8.0	Chemical Indicator
Specific Gravity	1.015	1.001-1.030	Chemical Indicator
Transparency	Clear	Clear	-
Volume (ml)	30	-	-
<b>CHEMICAL EXAMINATION</b>			
Proteins	1+	Absent	pH Indicator
Glucose	Absent	Absent	GOD-POD
Ketones	Absent	Absent	Legals Test
Blood	Trace	Absent	Peroxidase
Bilirubin	Absent	Absent	Diazonium Salt
Urobilinogen	Normal	Normal	Diazonium Salt
Nitrite	Absent	Absent	Griess Test
MICROSCOPIC EXAMINATION			
Leukocytes(Pus cells)/hpf	1-2	0-5/hpf	
Red Blood Cells / hpf	Occasional	0-2/hpf	

Epithelial Cells / hpf 2-3

Casts Absent Absent Crystals **Absent Absent** Amorphous debris Absent Absent

Bacteria / hpf 6-8 Less than 20/hpf

Others







**Dr.SHASHIKANT DIGHADE** M.D. (PATH) **Pathologist** 

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Age / Gender : 46 Years / Female

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## MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/TMT BLOOD GROUPING & Rh TYPING

PARAMETER RESULTS

ABO GROUP 0

Rh TYPING POSITIVE

NOTE: Test performed by automated column agglutination technology (CAT) which is more sensitive than conventional methods.

Note: This sample is not tested for Bombay blood group.

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.

#### Refernces:

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

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD CPL, Andheri West
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Dr.ANUPA DIXIT
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Consultant Pathologist & Lab
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## MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/TMT LIPID PROFILE

<u>PARAMETER</u>	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
CHOLESTEROL, Serum	159.7	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	Enzymatic
TRIGLYCERIDES, Serum	127.9	Normal: <150 mg/dl Borderline-high: 150 - 199 mg/dl High: 200 - 499 mg/dl Very high:>/=500 mg/dl	Enzymatic
HDL CHOLESTEROL, Serum	56.5	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Enzymatic
NON HDL CHOLESTEROL, Serum	103.2	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/d High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated l
LDL CHOLESTEROL, Serum	77.0	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	26.2	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	2.8	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	1.4	0-3.5 Ratio	Calculated

<sup>\*</sup>Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD CPL, Andheri West  $^{***}$  End Of Report  $^{***}$ 







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## MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/TMT **KIDNEY FUNCTION TESTS**

<u>PARAMETER</u>	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
BLOOD UREA, Serum	25.1	12.8-42.8 mg/dl	Kinetic
BUN, Serum	11.7	6-20 mg/dl	Calculated
CREATININE, Serum	0.70	0.51-0.95 mg/dl	Enzymatic
eGFR, Serum	96	>60 ml/min/1.73sqm	Calculated
TOTAL PROTEINS, Serum	6.9	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.1	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.8	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.5	1 - 2	Calculated
URIC ACID, Serum	5.5	2.4-5.7 mg/dl	Enzymatic
PHOSPHORUS, Serum	3.0	2.7-4.5 mg/dl	Molybdate UV
CALCIUM, Serum	9.1	8.6-10.0 mg/dl	N-BAPTA
SODIUM, Serum	139	135-148 mmol/l	ISE
POTASSIUM, Serum	3.4	3.5-5.3 mmol/l	ISE
CHLORIDE, Serum	101	98-107 mmol/l	ISE

<sup>\*</sup>Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD CPL, Andheri West \*\*\* End Of Report \*\*\*







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## MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/TMT THYROID FUNCTION TESTS

<u>PARAMETER</u>	<u>RESULTS</u>	<b>BIOLOGICAL REF RANGE</b>	<u>METHOD</u>
Free T3, Serum	4.6	3.5-6.5 pmol/L	ECLIA
Free T4, Serum	14.3	11.5-22.7 pmol/L First Trimester:9.0-24.7 Second Trimester:6.4-20.59 Third Trimester:6.4-20.59	ECLIA
sensitiveTSH, Serum	4.33	0.35-5.5 microIU/ml First Trimester:0.1-2.5 Second Trimester:0.2-3.0 Third Trimester:0.3-3.0	ECLIA



Name : MRS.MEENA PANDEY

Age / Gender : 46 Years / Female

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

#### Clinical Significance:

- 1)TSH Values between 5.5 to 15 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 trasiently altered becuase 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: 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.

#### 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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## MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/TMT LIVER FUNCTION TESTS

<u>PARAMETER</u>	RESULTS	BIOLOGICAL REF RANGE	<u>METHOD</u>
BILIRUBIN (TOTAL), Serum	0.27	0.1-1.2 mg/dl	Colorimetric
BILIRUBIN (DIRECT), Serum	0.15	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.12	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	6.9	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.1	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.8	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.5	1 - 2	Calculated
SGOT (AST), Serum	18.7	5-32 U/L	NADH (w/o P-5-P)
SGPT (ALT), Serum	18.7	5-33 U/L	NADH (w/o P-5-P)
GAMMA GT, Serum	33.2	3-40 U/L	Enzymatic
ALKALINE PHOSPHATASE, Serum	98.7	35-105 U/L	Colorimetric

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