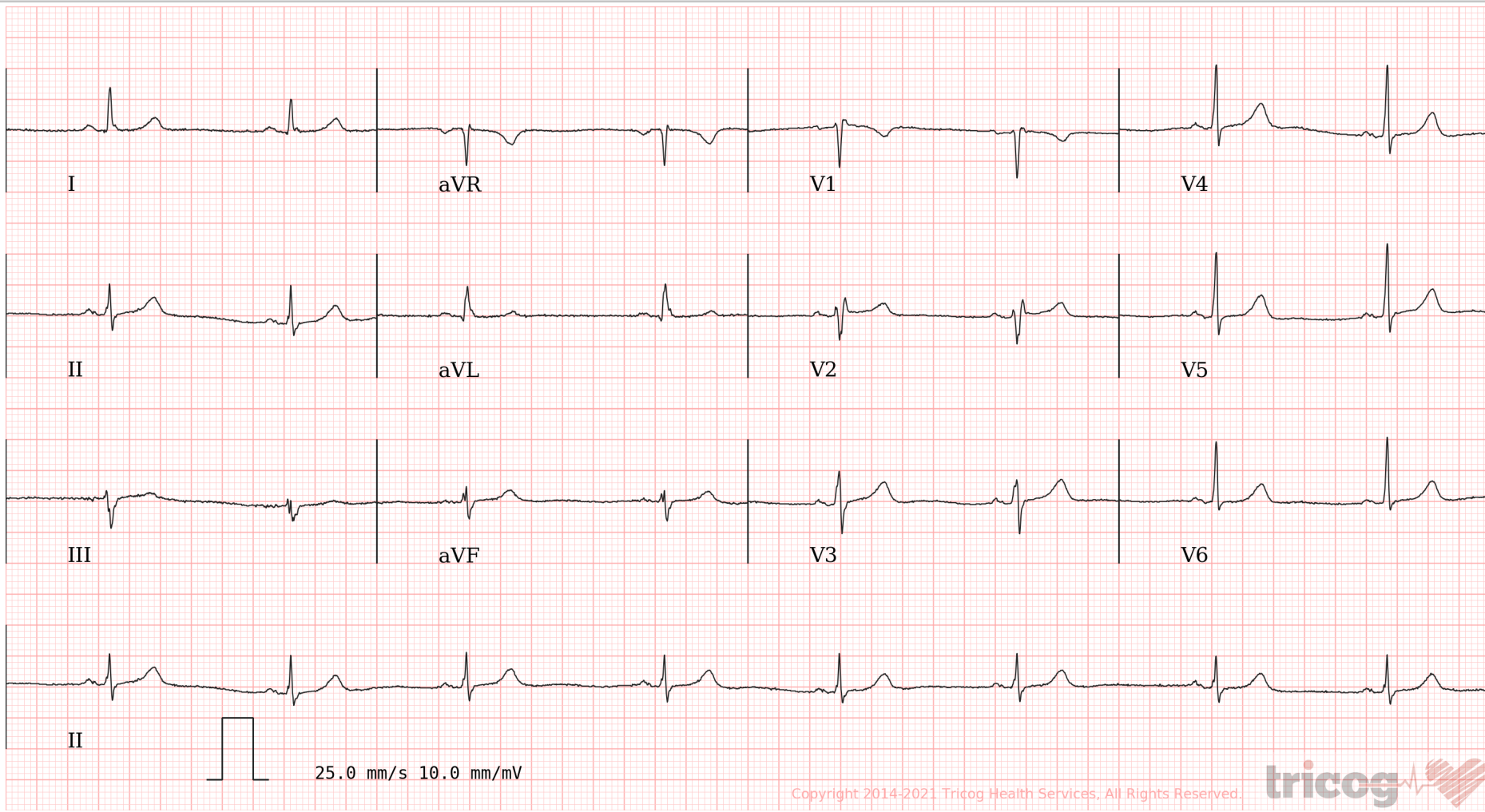


Patient Name: VEENA JUSTIN

Date and Time: 28th Dec 21 10:31 AM

Patient ID: 2136209416



Age **44** **8** **8**
years months days

Gender **Female**

Heart Rate **51 bpm**

Patient Vitals

BP: NA
Weight: 62 kg
Height: 159 cm
Pulse: NA
Spo2: NA
Resp: NA
Others: _____

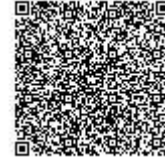
Measurements

QSRD: 88 ms
QT: 410 ms
QTc: 377 ms
PR: 146 ms
P-R-T: 23° 5° 41°

ECG Within Normal Limits: Sinus Bradycardia. Please correlate clinically.

REPORTED BY

DR SHAILAJA PILLAI
MBBS, MD Physican
MD Physican
49972



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CID : 2136209416
Name : Mrs Veena justin
Age / Sex : 44 Years/Female
Ref. Dr :
Reg. Location : G B Road, Thane West Main Centre

Reg. Date : 28-Dec-2021 / 11:19
Reported : 28-Dec-2021 / 14:19

X-RAY CHEST PA VIEW

Both lung fields are clear.

Both costo-phrenic angles are clear.

No hilar abnormality is seen.

The cardiac size and shape are within normal limits.

The aorta shows normal radiological features.

The trachea is central.

The domes of diaphragm are normal in position and outlines.

Bilateral bony cervical ribs are seen.

Rest of the skeleton under review appears normal.

IMPRESSION:

BILATERAL BONY CERVICAL RIBS.

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

Dr. Devendra Patil
MBBS, MD (Radio-Diagnosis)
Consultan Radiologist
MMC - 2013/02/0165



CID : 2136209416
Name : MRS.VEENA JUSTIN
Age / Gender : 44 Years / Female
Consulting Dr. : -
Reg. Location : G B Road, Thane West (Main Centre)

Collected : 28-Dec-2021 / 09:49
Reported : 28-Dec-2021 / 11:22

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MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/TMT

CBC (Complete Blood Count), Blood

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
<u>RBC PARAMETERS</u>			
Haemoglobin	12.9	12.0-15.0 g/dL	Spectrophotometric
RBC	4.18	3.8-4.8 mil/cmm	Elect. Impedance
PCV	37.8	36-46 %	Measured
MCV	90	80-100 fl	Calculated
MCH	30.8	27-32 pg	Calculated
MCHC	34.1	31.5-34.5 g/dL	Calculated
RDW	12.6	11.6-14.0 %	Calculated
<u>WBC PARAMETERS</u>			
WBC Total Count	5500	4000-10000 /cmm	Elect. Impedance
<u>WBC DIFFERENTIAL AND ABSOLUTE COUNTS</u>			
Lymphocytes	34.4	20-40 %	
Absolute Lymphocytes	1892.0	1000-3000 /cmm	Calculated
Monocytes	5.4	2-10 %	
Absolute Monocytes	297.0	200-1000 /cmm	Calculated
Neutrophils	58.7	40-80 %	
Absolute Neutrophils	3228.5	2000-7000 /cmm	Calculated
Eosinophils	1.5	1-6 %	
Absolute Eosinophils	82.5	20-500 /cmm	Calculated
Basophils	0.0	0.1-2 %	
Absolute Basophils	0.0	20-100 /cmm	Calculated
Immature Leukocytes	-		
WBC Differential Count by Absorbance & Impedance method/Microscopy.			
<u>PLATELET PARAMETERS</u>			
Platelet Count	262000	150000-400000 /cmm	Elect. Impedance
MPV	8.4	6-11 fl	Calculated
PDW	14.3	11-18 %	Calculated
<u>RBC MORPHOLOGY</u>			
Hypochromia	-		
Microcytosis	-		



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Age / Gender : 44 Years / Female
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Collected : 28-Dec-2021 / 09:49
Reported : 28-Dec-2021 / 11:09

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 **23** 2-20 mm at 1 hr. Westergren

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD G B Road Lab, Thane West
*** End Of Report ***



MC-2427

Amit Taori

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M.D (Path)
Pathologist

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Name : MRS.VEENA JUSTIN
Age / Gender : 44 Years / Female
Consulting Dr. : -
Reg. Location : G B Road, Thane West (Main Centre)

Collected : 28-Dec-2021 / 09:49
Reported : 28-Dec-2021 / 12:06

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MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/TMT

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
GLUCOSE (SUGAR) FASTING, Fluoride Plasma	94.5	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
Urine Sugar (Fasting)	Absent	Absent	
Urine Ketones (Fasting)	Absent	Absent	

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Collected : 28-Dec-2021 / 09:49
Reported : 28-Dec-2021 / 12:18

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

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
<u>PHYSICAL EXAMINATION</u>			
Color	Pale yellow	Pale Yellow	-
Reaction (pH)	Neutral (7.0)	4.5 - 8.0	Chemical Indicator
Specific Gravity	1.010	1.010-1.030	Chemical Indicator
Transparency	Slight hazy	Clear	-
Volume (ml)	30	-	-
<u>CHEMICAL EXAMINATION</u>			
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
<u>MICROSCOPIC EXAMINATION</u>			
Leukocytes(Pus cells)/hpf	6-8	0-5/hpf	
Red Blood Cells / hpf	Absent	0-2/hpf	
Epithelial Cells / hpf	4-5		
Casts	Absent	Absent	
Crystals	Absent	Absent	
Amorphous debris	Absent	Absent	
Bacteria / hpf	8-10	Less than 20/hpf	

Kindly correlate clinically

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Reported : 28-Dec-2021 / 12:32

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

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

NOTE: Test performed by Semi- automated column agglutination technology (CAT)

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

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Reported : 28-Dec-2021 / 12:06

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MEDIWHEEL FULL BODY HEALTH CHECKUP FEMALE ABOVE 40/TMT
LIPID PROFILE

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
CHOLESTEROL, Serum	217.1	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	Enzymatic
TRIGLYCERIDES, Serum	114.2	Normal: <150 mg/dl Borderline-high: 150 - 199 mg/dl High: 200 - 499 mg/dl Very high:>/=500 mg/dl	GPO-POD
HDL CHOLESTEROL, Serum	49.1	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	168	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	145.0	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	Homogeneous enzymatic colorimetric assay
VLDL CHOLESTEROL, Serum	23.0	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	4.4	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	3.0	0-3.5 Ratio	Calculated

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Age / Gender : 44 Years / Female
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Reg. Location : G B Road, Thane West (Main Centre)

Collected : 28-Dec-2021 / 09:49
Reported : 28-Dec-2021 / 11:42

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

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
BLOOD UREA, Serum	13.9	12.8-42.8 mg/dl	Urease & GLDH
BUN, Serum	6.5	6-20 mg/dl	Calculated
CREATININE, Serum	0.64	0.51-0.95 mg/dl	Enzymatic
eGFR, Serum	107	>60 ml/min/1.73sqm	Calculated
TOTAL PROTEINS, Serum	6.5	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.2	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.3	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.8	1 - 2	Calculated
URIC ACID, Serum	3.5	2.4-5.7 mg/dl	Uricase
PHOSPHORUS, Serum	3.6	2.7-4.5 mg/dl	Ammonium molybdate
CALCIUM, Serum	8.7	8.6-10.0 mg/dl	N-BAPTA
SODIUM, Serum	139	135-148 mmol/l	ISE
POTASSIUM, Serum	4.9	3.5-5.3 mmol/l	ISE
CHLORIDE, Serum	103	98-107 mmol/l	ISE

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 Name : MRS.VEENA JUSTIN
 Age / Gender : 44 Years / Female
 Consulting Dr. : -
 Reg. Location : G B Road, Thane West (Main Centre)

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 Reported : 28-Dec-2021 / 11:27

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

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
Free T3, Serum	4.8	3.5-6.5 pmol/L	ECLIA
Free T4, Serum	13.4	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	1.03	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



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Name : MRS.VEENA JUSTIN
Age / Gender : 44 Years / Female
Consulting Dr. : -
Reg. Location : G B Road, Thane West (Main Centre)

Collected : 28-Dec-2021 / 09:49
Reported : 28-Dec-2021 / 11:27

Interpretation:

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 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: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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*** End Of Report ***



MC-2427



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

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
BILIRUBIN (TOTAL), Serum	0.26	0.1-1.2 mg/dl	Diazo
BILIRUBIN (DIRECT), Serum	0.14	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.12	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	6.5	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.2	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.3	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.8	1 - 2	Calculated
SGOT (AST), Serum	16.4	5-32 U/L	IFCC without pyridoxal phosphate activation
SGPT (ALT), Serum	11.1	5-33 U/L	IFCC without pyridoxal phosphate activation
GAMMA GT, Serum	12.2	3-40 U/L	IFCC
ALKALINE PHOSPHATASE, Serum	66.4	35-105 U/L	PNPP

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