

| in A | SEX : FEMALE | |
|--------|----------------|------------------|
| RRED | AGE : 51 YEARS | |
| CID NO | : 2408320465 | DATE: 23/03/2024 |

Height: 160cm Weight: 58 Kg BSA: 1.61m²

Indication: Annual health check-up, S/p PTCA~2022

Image quality: Fair

ECG: Sinus Rhythm

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TRANSTHORACIC ECHOCARDIOGRAPHY REPORT:

Summary:

- LV is normal in size and preserved systolic function (LVEF~55%). RV is normal in size and function.
 Grade. LA is moderately dilated.
- Mild AR.
- IVC is normal in size with good collapse. No echocardiographic evidence of PAH.

LV assessment:

Size and thickness: Normal.

RWMA: No.

Function: Preserved systolic function.

LVEF(estimated): 55% Mass/Thrombus: Nil.

RV assessment:

Size: Normal. Function. Normal. Mass/Thrombus: Nil.

Atria:

Size: LA is moderately dilated as per indexed EDV BP (44ml/m²).

Mass/Thrombus: Nil.

Mitral Valve:

Structure: Normal.

Cusp separation: Normal.

Regurgitation: Nil.

Tricuspid Valve:

Structure: Normal.

Cusp separation: Normal.

Regurgitation: Nil.

NAME: MS. MEGHALI SHRIVASTAVA

CID NO: 2408320465



Aortic Valve:

Structure: Tricuspid, mild degenerative changes.

Cusp separation: Normal. Regurgitation: Mild.

Pulmonary Valve: Structure: Normal.

Cusp separation: Normal.

Regurgitation: Nil.

Subcostal view: IVC- Normal.

Suprasternal view: Aortic arch: Normal.

R

E

Pericardium: No evidence of pericardial effusion.

| LA(cm) | 3.2 | E's(cm/s) | 9 | E'L | 10 |
|------------|-----|-----------|-----|--------------|----|
| AoA(cm) | 0.6 | E/E's | 8 | E/E'L | 7 |
| IVSd(cm) | 0.9 | Evel(m/s) | 0.7 | E'TV | 10 |
| LVIDd(cm) | 4.2 | Avel(m/s) | 0.5 | STV | 10 |
| PWd(cm) | 0.9 | MVDT | 158 | TR Vmax | |
| LA vol(ml) | 76 | E/A | 1.4 | TR max(mmHg) | |
| RA vol(ml) | | MAPSE(cm) | | LVEDP(mmHg) | |
| IVC(cm) | 1.1 | TAPSE(cm) | | MPA | |
| LVOTd(cm) | 1.6 | PHAD(WU) | | SPAP(mmHg) | |

| | | Max PG mmHg | Mean PG mmHg | VTI | Valve area(cm ²) |
|------|-------------|---------------|--------------|-----|------------------------------|
| | Max vel m/s | Max FO mining | | THE | |
| AV | 1.3 | 7 | | | |
| PV | 1.1 | 5 | | | |
| MV | | | | | |
| TV | | | | 20 | |
| LVOT | 0.9 | 3 | 2 | 20 | |
| RVOT | | | | | |

DR. AJITA BHOSALE.

M.B.B.S/P.G.D.C.C (DIP.CARDIOLOGY).

<u>Disclaimer</u>: 2d echocardiography is an observer dependent investigation. Minor variation in reports are possible when done by two different examiners or even by same examiner done on two different occasions. These variations may not necessarily indicate change in the underlying cardiac condition. Previous reports must be provided to improve clinical correlation.

NAME: MS. MEGHALI SHRIVASTAVA

*** End Of Report ***

CID NO: 2408320465



Name : MRS.MEGHALI SHRIVASTAVA

:51 Years / Female Age / Gender

Consulting Dr. Collected

Reported :23-Mar-2024 / 12:05 Reg. Location : Mahavir Nagar, Kandivali West (Main Centre)

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R

E

Use a QR Code Scanner Application To Scan the Code

:23-Mar-2024 / 08:03

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

| CBC (Complete Blood Count), Blood | | | | |
|-----------------------------------|-------------------------------|-----------------------------|--------------------|--|
| <u>PARAMETER</u> | RESULTS | BIOLOGICAL REF RANGE | <u>METHOD</u> | |
| RBC PARAMETERS | | | | |
| Haemoglobin | 9.8 | 12.0-15.0 g/dL | Spectrophotometric | |
| RBC | 4.23 | 3.8-4.8 mil/cmm | Elect. Impedance | |
| PCV | 29.4 | 36-46 % | Measured | |
| MCV | 70 | 80-100 fl | Calculated | |
| MCH | 23.1 | 27-32 pg | Calculated | |
| MCHC | 33.3 | 31.5-34.5 g/dL | Calculated | |
| RDW | 16.8 | 11.6-14.0 % | Calculated | |
| WBC PARAMETERS | | | | |
| WBC Total Count | 4860 | 4000-10000 /cmm | Elect. Impedance | |
| WBC DIFFERENTIAL AND ABS | SOLUTE COUNTS | | | |
| Lymphocytes | 32.6 | 20-40 % | | |
| Absolute Lymphocytes | 1584.4 | 1000-3000 /cmm | Calculated | |
| Monocytes | 6.7 | 2-10 % | | |
| Absolute Monocytes | 325.6 | 200-1000 /cmm | Calculated | |
| Neutrophils | 58.1 | 40-80 % | | |
| Absolute Neutrophils | 2823.7 | 2000-7000 /cmm | Calculated | |
| Eosinophils | 2.4 | 1-6 % | | |
| Absolute Eosinophils | 116.6 | 20-500 /cmm | Calculated | |
| Basophils | 0.2 | 0.1-2 % | | |
| Absolute Basophils | 9.7 | 20-100 /cmm | Calculated | |
| Immature Leukocytes | - | | | |
| WBC Differential Count by Absorb | ance & Impedance method/Micro | oscopy. | | |
| PLATELET PARAMETERS | | | | |
| Platelet Count | 318000 | 150000-400000 /cmm | Elect. Impedance | |
| MPV | 8.5 | 6-11 fl | Calculated | |
| PDW | 15.3 | 11-18 % | Calculated | |
| RBC MORPHOLOGY | | | | |
| Hypochromia | Mild | | | |
| Microcytosis | + | | | |



Name : MRS.MEGHALI SHRIVASTAVA

Age / Gender : 51 Years / Female

Consulting Dr. : - Collected : 23-Mar-2024 / 08:03

Reg. Location : Mahavir Nagar, Kandivali West (Main Centre) Reported : 23-Mar-2024 / 12:20

Macrocytosis -

Anisocytosis Mild Poikilocytosis Mild

Polychromasia -

Target Cells -

Basophilic Stippling -

Normoblasts -

Others Elliptocytes-occasional

WBC MORPHOLOGY PLATELET MORPHOLOGY -

COMMENT -

Specimen: EDTA Whole Blood

ESR, EDTA WB-ESR 19 2-30 mm at 1 hr. Sedimentation

Clinical Significance: The erythrocyte sedimentation rate (ESR), also called a sedimentation rate is the rate red blood cells sediment in a period of time.

Interpretation:

Factors that increase ESR: Old age, Pregnancy, Anemia

Factors that decrease ESR: Extreme leukocytosis, Polycythemia, Red cell abnormalities- Sickle cell disease

Limitations:

- It is a non-specific measure of inflammation.
- · The use of the ESR as a screening test in asymptomatic persons is limited by its low sensitivity and specificity.

Reflex Test: C-Reactive Protein (CRP) is the recommended test in acute inflammatory conditions.

Reference:

- Pack Insert
- Brigden ML. Clinical utility of the erythrocyte sedimentation rate. American family physician. 1999 Oct 1;60(5):1443-50.

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West
*** End Of Report ***





Dr.KETAKI MHASKAR M.D. (PATH) Pathologist

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Name : MRS.MEGHALI SHRIVASTAVA

Age / Gender :51 Years / Female

Consulting Dr. Collected : 23-Mar-2024 / 08:03 Reg. Location

:23-Mar-2024 / 18:40 : Mahavir Nagar, Kandivali West (Main Centre) Reported

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

PARAMETER RESULTS BIOLOGICAL REF RANGE METHOD

GLUCOSE (SUGAR) FASTING, 129.0 Non-Diabetic: < 100 mg/dl Fluoride Plasma Impaired Fasting Glucose:

100-125 mg/dl

Diabetic: >/= 126 mg/dl

GLUCOSE (SUGAR) PP, Fluoride 112.0 Non-Diabetic: < 140 mg/dl Hexokinase

Plasma PP/R Impaired Glucose Tolerance:

140-199 mg/dl

Diabetic: >/= 200 mg/dl

Urine Sugar (Fasting) Absent Absent Urine Ketones (Fasting) Absent Absent

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REGD. OFFICE: Suburban Diagnostics (India) Pvt. Ltd., Aston, 2rd Floor, Sundervan Complex, Above Mercedes Showroom, Andheri West, Mumbai - 400053.

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Hexokinase



Name : MRS.MEGHALI SHRIVASTAVA

:51 Years / Female Age / Gender

Consulting Dr. Collected :23-Mar-2024 / 08:03 Reported :23-Mar-2024 / 17:16 : Mahavir Nagar, Kandivali West (Main Centre) Reg. Location

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

| <u>PARAMETER</u> | <u>RESULTS</u> | BIOLOGICAL REF RANGE | <u>METHOD</u> |
|-------------------|----------------|--|---------------|
| BLOOD UREA, Serum | 20.3 | 12.8-42.8 mg/dl | Kinetic |
| BUN, Serum | 9.5 | 6-20 mg/dl | Calculated |
| CREATININE, Serum | 0.69 | 0.51-0.95 mg/dl | Enzymatic |
| eGFR, Serum | 105 | (ml/min/1.73sqm) Normal or High: Above 90 Mild decrease: 60-89 Mild to moderate decrease: 45-59 Moderate to severe decrease: 30-44 Severe decrease: 15-29 Kidney failure:<15 | Calculated |

Note: eGFR estimation is calculated using 2021 CKD-EPI GFR equation w.e.f 16-08-2023

| | - | • | |
|-----------------------|-----|----------------|--------------|
| TOTAL PROTEINS, Serum | 7.7 | 6.4-8.3 g/dL | Biuret |
| ALBUMIN, Serum | 4.7 | 3.5-5.2 g/dL | BCG |
| GLOBULIN, Serum | 3.0 | 2.3-3.5 g/dL | Calculated |
| A/G RATIO, Serum | 1.6 | 1 - 2 | Calculated |
| URIC ACID, Serum | 3.5 | 2.4-5.7 mg/dl | Enzymatic |
| PHOSPHORUS, Serum | 4.8 | 2.7-4.5 mg/dl | Molybdate UV |
| CALCIUM, Serum | 9.4 | 8.6-10.0 mg/dl | N-BAPTA |
| SODIUM, Serum | 138 | 135-148 mmol/l | ISE |
| POTASSIUM, Serum | 4.8 | 3.5-5.3 mmol/l | ISE |
| CHLORIDE, Serum | 102 | 98-107 mmol/l | ISE |

^{*}Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West *** End Of Report ***





Dr.JAGESHWAR MANDAL **CHOUPAL** MBBS, DNB PATH **Pathologist**

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Name : MRS.MEGHALI SHRIVASTAVA

Age / Gender :51 Years / Female

Consulting Dr. : -Collected : 23-Mar-2024 / 08:03 Reg. Location

Reported :23-Mar-2024 / 11:56 : Mahavir Nagar, Kandivali West (Main Centre)

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

BIOLOGICAL REF RANGE PARAMETER RESULTS METHOD

HPLC Glycosylated Hemoglobin 7.1 Non-Diabetic Level: < 5.7 % (HbA1c), EDTA WB - CC Prediabetic Level: 5.7-6.4 %

Diabetic Level: >/= 6.5 %

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Estimated Average Glucose 157 1 mg/dl Calculated

(eAG), EDTA WB - CC

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.

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West *** End Of Report **





BMhaskar Dr.KETAKI MHASKAR M.D. (PATH) **Pathologist**

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TOTAL PSA, Serum

CID : 2408320465

Name : MRS.MEGHALI SHRIVASTAVA

Age / Gender : 51 Years / Female

Consulting Dr. : - Collected : 23-Mar-2024 / 08:03

Reg. Location: Mahavir Nagar, Kandivali West (Main Centre) Reported: 23-Mar-2024 / 15:59

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

<4.0 ng/ml

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PARAMETER RESULTS BIOLOGICAL REF RANGE METHOD

Less than 0.008

Kindly note change in platform w.e.f. 24-01-2024

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Name : MRS.MEGHALI SHRIVASTAVA

Age / Gender :51 Years / Female

Consulting Dr. : -Collected : 23-Mar-2024 / 08:03

Reg. Location : Mahavir Nagar, Kandivali West (Main Centre) Reported :23-Mar-2024 / 15:59

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.

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

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-α 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 parallelmeasurements 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.

Note: The concentration of PSA in a given specimen, determined with assay from different manufacturers, may not be comparable due to differences in assay methods and reagent specificity.

Reference:

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

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





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

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Name : MRS.MEGHALI SHRIVASTAVA

Age / Gender :51 Years / Female

Consulting Dr. Collected :23-Mar-2024 / 08:03 :23-Mar-2024 / 16:21 : Mahavir Nagar, Kandivali West (Main Centre) Reported Reg. Location



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

| <u>PARAMETER</u> | <u>RESULTS</u> | BIOLOGICAL REF RANGE | <u>METHOD</u> |
|-----------------------------|----------------|-----------------------------|--------------------|
| PHYSICAL EXAMINATION | | | |
| Color | Pale yellow | Pale Yellow | - |
| Reaction (pH) | 5.0 | 4.5 - 8.0 | Chemical Indicator |
| Specific Gravity | 1.005 | 1.001-1.030 | Chemical Indicator |
| Transparency | Clear | Clear | - |
| Volume (ml) | 30 | - | - |
| CHEMICAL EXAMINATION | | | |
| 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 |
| MICROSCOPIC EXAMINATION | | | |
| Leukocytes(Pus cells)/hpf | 1-2 | 0-5/hpf | |
| Red Blood Cells / hpf | Absent | 0-2/hpf | |
| Epithelial Cells / hpf | 2-3 | | |
| Casts | Absent | Absent | |
| Crystals | Absent | Absent | |
| Amorphous debris | Absent | Absent | |
| Bacteria / hpf | 5-6 | 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 inert

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West *** End Of Report **





Dr.JAGESHWAR MANDAL **CHOUPAL** MBBS, DNB PATH **Pathologist**

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Name : MRS.MEGHALI SHRIVASTAVA

Age / Gender : 51 Years / Female

Consulting Dr. : - Collected : 23-Mar-2024 / 08:03

Reg. Location: Mahavir Nagar, Kandivali West (Main Centre) Reported: 23-Mar-2024 / 17:55

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

PARAMETER RESULTS

ABO GROUP 0

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.

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 SDRL, Vidyavihar Lab
*** End Of Report ***



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

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Name : MRS.MEGHALI SHRIVASTAVA

:51 Years / Female Age / Gender

Consulting Dr. Collected :23-Mar-2024 / 08:03 Reported :23-Mar-2024 / 17:16 Reg. Location : Mahavir Nagar, Kandivali West (Main Centre)



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

| <u>PARAMETER</u> | <u>RESULTS</u> | BIOLOGICAL REF RANGE | <u>METHOD</u> |
|-------------------------------------|----------------|--|--|
| CHOLESTEROL, Serum | 107.0 | Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl | CHOD-POD |
| TRIGLYCERIDES, Serum | 114.0 | 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 | 49.7 | Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl | Homogeneous enzymatic colorimetric assay |
| NON HDL CHOLESTEROL, Serum | 57.3 | Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl | Calculated |
| LDL CHOLESTEROL, Serum | 34.0 | 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 | 23.3 | < /= 30 mg/dl | Calculated |
| CHOL / HDL CHOL RATIO, Serum | 2.2 | 0-4.5 Ratio | Calculated |
| LDL CHOL / HDL CHOL RATIO, Serum | 0.7 | 0-3.5 Ratio | Calculated |

^{*}Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West
*** End Of Report ***





me Dr.JAGESHWAR MANDAL **CHOUPAL** MBBS, DNB PATH **Pathologist**

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Name : MRS.MEGHALI SHRIVASTAVA

:51 Years / Female Age / Gender

Consulting Dr. Collected : -:23-Mar-2024 / 08:03 Reported Reg. Location : Mahavir Nagar, Kandivali West (Main Centre)

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:23-Mar-2024 / 19:00

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

| <u>PARAMETER</u> | <u>RESULTS</u> | BIOLOGICAL REF RANGE | <u>METHOD</u> |
|---------------------|----------------|---|---------------|
| Free T3, Serum | 5.1 | 3.5-6.5 pmol/L | ECLIA |
| Free T4, Serum | 18.8 | 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 | 2.80 | 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.MEGHALI SHRIVASTAVA

Age / Gender : 51 Years / Female

Consulting Dr. : - Collected : 23-Mar-2024 / 08:03

Reg. Location: Mahavir Nagar, Kandivali West (Main Centre) Reported: 23-Mar-2024 / 19:00

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 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:

- 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)

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West

*** End Of Report ***





Dr.JAGESHWAR MANDAL CHOUPAL MBBS, DNB PATH Pathologist

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Page 12 of 13



Name : MRS.MEGHALI SHRIVASTAVA

:51 Years / Female Age / Gender

Collected Consulting Dr. :23-Mar-2024 / 08:03 Reported :23-Mar-2024 / 17:08 Reg. Location : Mahavir Nagar, Kandivali West (Main Centre)



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

| <u>PARAMETER</u> | <u>RESULTS</u> | BIOLOGICAL REF RANGE | <u>METHOD</u> |
|--------------------------------|----------------|----------------------|------------------|
| BILIRUBIN (TOTAL), Serum | 0.35 | 0.1-1.2 mg/dl | Colorimetric |
| BILIRUBIN (DIRECT), Serum | 0.24 | 0-0.3 mg/dl | Diazo |
| BILIRUBIN (INDIRECT), Serum | 0.11 | 0.1-1.0 mg/dl | Calculated |
| TOTAL PROTEINS, Serum | 7.7 | 6.4-8.3 g/dL | Biuret |
| ALBUMIN, Serum | 4.7 | 3.5-5.2 g/dL | BCG |
| GLOBULIN, Serum | 3.0 | 2.3-3.5 g/dL | Calculated |
| A/G RATIO, Serum | 1.6 | 1 - 2 | Calculated |
| SGOT (AST), Serum | 16.1 | 5-32 U/L | NADH (w/o P-5-P) |
| SGPT (ALT), Serum | 14.6 | 5-33 U/L | NADH (w/o P-5-P) |
| GAMMA GT, Serum | 16.4 | 3-40 U/L | Enzymatic |
| ALKALINE PHOSPHATASE, Serum | 55.0 | 35-105 U/L | Colorimetric |

^{*}Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West
*** End Of Report ***





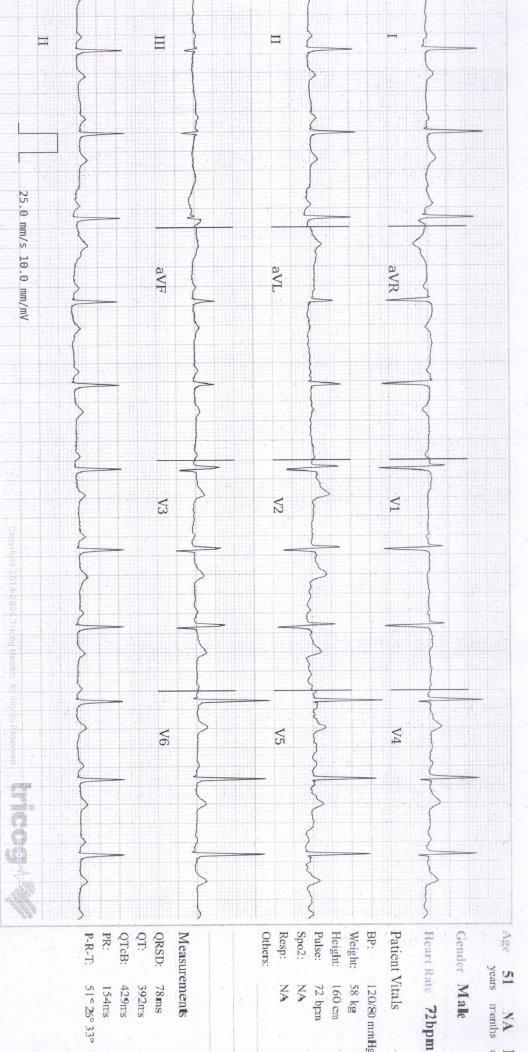


Patient Name: MEGHALI SHRIVASTAVA

Date and Time: 23rd Mar 24 8:33 AM

THE RESERVE OF THE PARTY OF THE SUBBERBAN DIAGNOSTIKS AND THE NAGAK, KANDIVALI WEST

PRECISE TESTING . HEALTHIER LIVING Patient ID: 2408320465



51 NA NA years months days

Gender Male

Patient Vitals

Weight: BP: 58 kg 120/80 mmHg

Pulse: Height: 72 bpm 160 cm

X

Resp: Others: Z

Measurements

QT: QRSD: 392ms 78 ms

429ms

P-R-T: PR: 51° 26° 33° 154ms

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



REPORTED BY

Dr.Ajita Bhosale M.B.B.S/P.G.D.C.C (DIP. Cardiology) 2013062200



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Date: 28/3/24

Date: 28/3/24 CID: 2408320465'
Name: M&S Meghali Sheirastava. Sex/Age: F/JT yes.

EYE CHECK UP

Chief complaints: — NO

Systemic Diseases:

Past history:

Unaided Vision:

Aided Vision:

Refraction:

O 6/8.

(Right Eye)

(Left Eye)

| | Sph | СуІ | Axis | Vn | Sph | СуІ | Axis | Vn |
|----------|-----|-----|------|-----|-----|-----|------|-----|
| Distance | | | | 6/5 | | | | 6/6 |
| Near | | | | N18 | | | | NIS |

Colour Vision: Normal / Abnormal

Remark: Mormal Vision



CIBURDANS 20465 Name is testing: HMRS, MECHALI SHRIVASTAVA Age / Gender : 51 Years/Female Consulting Dr. : Collected : 23-Mar-2024 / 07:55 Reg.Location : Mahavir Nagar, Kandivali West (Main Centre) Reported : 26-Mar-2024 / 11:04

PHYSICAL EXAMINATION REPORT

History and Complaints: S/P PTCA~NOV. 2022

EXAMINATION FINDINGS:

Height (cms): 160 Weight (kg): 58 Temp (0c): Afebrile Skin: Normal Blood Pressure (mm/hg): 120/80 Nails: Healthy Pulse: 72 Lymph Node: Not Palpable.

Systems

Cardiovascular: S1,S2 Normal No Murmurs Respiratory: Air Entry Bilaterally Equal

Genitourinary: Normal

GI System: Soft non tender No Organomegaly

CNS: Normal

IMPRESSION: HEALTHY

ADVICE: REGULAR EXERCISE & HEALTHY DIET

CHIEF COMPLAINTS:

| 1) | Hypertension: | NO |
|----|---------------------|-----|
| 2) | IHD: | YES |
| 3) | Arrhythmia: | NO |
| 4) | Diabetes Mellitus : | NO |
| 5) | Tuberculosis: | NO |
| 6) | Asthama: | NO |
| 7) | Pulmonary Disease : | NO |

MRS.MEGHALI SHRIVASTAVA

Age / Gender : 51 Years/Female

Consulting Dr.

Reg.Location

: Mahavir Nagar, Kandivali West (Main Centre)

Collected

: 23-Mar-2024 / 07:55

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Reported

: 26-Mar-2024 / 11:04

| 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 |
| DED | CONAL HIGTORY | |

PERSONAL HISTORY:

Alcohol 1) NO 2) Smoking NO Diet 3) **VEG** Medication 4)

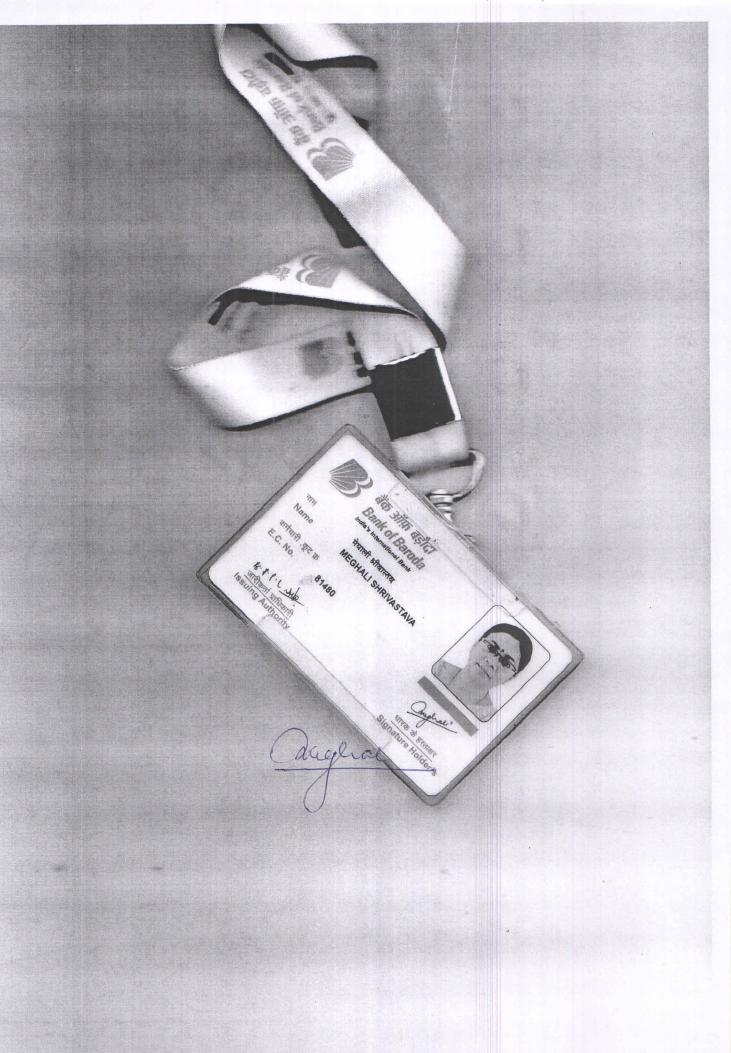
*** End Of Report ***



Dr.Ajita Bhosale **PHYSICIAN**

YES

OF A SITA BHOSALE Page No. 2013 2200 BBS/D. Carology





Name : Mr MEGHALI SHRIVASTAVA

Age / Sex : 51 Years/Male

Ref. Dr : Reg. Date : 23-Mar-2024

Reg. Location : Mahavir Nagar, Kandivali West Main Reported : 23-Mar-2024/12:26

Centre

USG WHOLE ABDOMEN

LIVER:

The liver is normal in size, shape and smooth margins. It shows normal echogenicity. 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 shows normal wall thickness. 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.

SPLEEN:

The spleen is normal in size and echotexture. No evidence of focal lesion is noted.

URINARY BLADDER:

The urinary bladder is well distended and reveal no intraluminal abnormality. Wall thickness appears normal.

UTERUS:

The uterus is anteverted and atrophic (Post menopausal status)

The endometrial thickness is 6 mm.

OVARIES:

Both the ovaries are not visualized-likely atrophic (Post menopausal status)

There is no evidence of any ovarian or adnexal mass seen.

ADDITIONAL COMMENTS:

Visualized bowel loops shows normal peristalsis.

There is no evidence of any lymphadenopathy or ascites.

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Name : Mr MEGHALI SHRIVASTAVA

Age / Sex : 51 Years/Male

Ref. Dr : Reg. Date : 23-Mar-2024

Reg. Location : Mahavir Nagar, Kandivali West Main Reported : 23-Mar-2024/12:26

Centre



• No significant abnormality detected

ADVICE: Clinical correlation

NOTE: Above USG report is subject to findings evident at the time of scan & associated bowel gases. Sonography is known to have inter-observer variations. This modality has its own limitations & should be considered as a professional opinion. Solitary radiological investigations never confirm the final diagnosis. They only help in diagnosing the disease in correlation to clinical symptoms and other related tests. Further / Follow-up imaging may be needed in some case for confirmation of findings. Please interpret accordingly. This report cannot be used for medico - legal purposes

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

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Dr. VIKRANT S. PATIL M. D. Radio Diagnosis Reg No 2014052421

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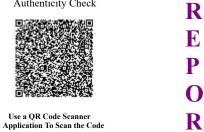
Name : Mr MEGHALI SHRIVASTAVA

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Reg. Date Ref. Dr : 23-Mar-2024

Reg. Location : Mahavir Nagar, Kandivali West Main Reported : 23-Mar-2024/12:26

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Name : Mr MEGHALI SHRIVASTAVA

Age / Sex : 51 Years/Female

Ref. Dr : Reg. Date : 23-Mar-2024

Reg. Location : Mahavir Nagar, Kandivali West Main Reported : 23-Mar-2024/17:07

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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.

CHELLES

DR. NIKHIL DEV M.B.B.S, MD (Radiology) Reg No – 2014/11/4764 Consultant Radiologist

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Name : Mr MEGHALI SHRIVASTAVA

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: 23-Mar-2024/17:07 Reg. Location : Mahavir Nagar, Kandivali West Main Reported

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