

Name : MR.JHA SANTOSH KUMAR

Age / Gender : 43 Years / Male

Consulting Dr. : -

Reg. Location: Bhayander East (Main Centre)

Authenticity Check

R

E

Use a QR Code Scanner Application To Scan the Code

Collected

Reported

:17-Apr-2023 / 08:49

:17-Apr-2023 / 00:49

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 | 13.5 | 13.0-17.0 g/dL | Spectrophotometric | | |
| RBC COUNT | 6.49 | 4.5-5.5 mil/cmm | Elect. Impedance | | |
| PCV | 43.8 | 40-50 % | Measured | | |
| MCV | 68 | 80-100 fl | Calculated | | |
| MCH | 20.8 | 27-32 pg | Calculated | | |
| MCHC | 30.8 | 31.5-34.5 g/dL | Calculated | | |
| RDW | 17.0 | 11.6-14.0 % | Calculated | | |
| WBC PARAMETERS | | | | | |
| WBC TOTAL COUNT | 7500 | 4000-10000 /cmm | Elect. Impedance | | |
| WBC DIFFERENTIAL AND ABSOLUTE COUNTS | | | | | |
| Lymphocytes | 41.3 | 20-40 % | | | |
| Absolute Lymphocytes | 3097.5 | 1000-3000 /cmm | Calculated | | |
| Monocytes | 5.6 | 2-10 % | | | |
| Absolute Monocytes | 420.0 | 200-1000 /cmm | Calculated | | |
| Neutrophils | 46.3 | 40-80 % | | | |
| Absolute Neutrophils | 3472.5 | 2000-7000 /cmm | Calculated | | |
| Eosinophils | 6.8 | 1-6 % | | | |
| Absolute Eosinophils | 510.0 | 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.

PLATELET PARAMETERS

| PLATELET COUNT | 117000 | 150000-400000 /cmm | Elect. Impedance |
|----------------|--------|--------------------|------------------|
| MPV | 13.7 | 6-11 fl | Calculated |
| PDW | 27.0 | 11-18 % | Calculated |

RBC MORPHOLOGY

Hypochromia +
Microcytosis +



Name : MR.JHA SANTOSH KUMAR

Age / Gender : 43 Years / Male

Consulting Dr. Collected Reported

Mild

: Bhayander East (Main Centre) Reg. Location

Authenticity Check

Use a QR Code Scanner Application To Scan the Code

:17-Apr-2023 / 08:49 :17-Apr-2023 / 12:52

Macrocytosis

Poikilocytosis

Mild Anisocytosis

Polychromasia

Target Cells

Basophilic Stippling

Normoblasts Others (CBC)

WBC MORPHOLOGY

PLATELET MORPHOLOGY Platelets reduced on smear. Few megaplatelets seen on smear

COMMENT Eosinophilia

Result rechecked

Kindly correlate clinically.

Specimen: EDTA Whole Blood

ESR, EDTA WB-ESR 5 2-15 mm at 1 hr. Sedimentation

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





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

Page 2 of 13



Name : MR.JHA SANTOSH KUMAR

Age / Gender : 43 Years / Male

Consulting Dr.

Reg. Location

: Bhayander East (Main Centre)

Authenticity Check

Use a QR Code Scanner Application To Scan the Code

:17-Apr-2023 / 08:49

Hexokinase

Reported :17-Apr-2023 / 17:21

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

PARAMETER RESULTS BIOLOGICAL REF RANGE METHOD FBS (-F), Fluoride Plasma 153.2 Non-Diabetic: < 100 mg/dl Hexokinase Impaired Fasting Glucose:

100-125 mg/dl

Diabetic: >/= 126 mg/dl

PPBS (-P), Fluoride Plasma 171.3 Non-Diabetic: < 140 mg/dl PP/R

Impaired Glucose Tolerance:

Collected

140-199 mg/dl

Diabetic: >/= 200 mg/dl

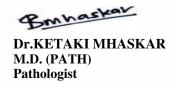
Urine Sugar (Fasting) **Absent Absent** Urine Ketones (Fasting) Absent Absent

Urine Sugar (PP) **Absent** Urine Ketones (PP) Absent Absent

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









Name : MR.JHA SANTOSH KUMAR

Age / Gender : 43 Years / Male

Consulting Dr. : -

Reg. Location: Bhayander East (Main Centre)



Use a QR Code Scanner Application To Scan the Code

Collected

Reported

:17-Apr-2023 / 08:49

:17-Apr-2023 / 14:03

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

| <u>PARAMETER</u> | RESULTS | BIOLOGICAL REF RANGE | <u>METHOD</u> |
|-------------------------------------|---------------------------------|--------------------------------------|---------------------|
| BLOOD UREA, Serum | 18.8 | 19.29-49.28 mg/dl | Calculated |
| BLOOD UREA NITROGEN, Serum | 8.8 | 9.0-23.0 mg/dl | Urease with GLDH |
| CREATININE, Serum | 0.82 | 0.60-1.10 mg/dl | Enzymatic |
| eGFR, Serum | 109 | >60 ml/min/1.73sqm | Calculated |
| Note: eGFR estimation is calculated | using MDRD (Modification of die | et in renal disease study group) equ | ation |
| TOTAL PROTEINS, Serum | 7.3 | 5.7-8.2 g/dL | Biuret |
| ALBUMIN, Serum | 4.3 | 3.2-4.8 g/dL | BCG |
| GLOBULIN, Serum | 3.0 | 2.3-3.5 g/dL | Calculated |
| A/G RATIO, Serum | 1.4 | 1 - 2 | Calculated |
| URIC, Serum | 5.5 | 3.7-9.2 mg/dl | Uricase/ Peroxidase |
| PHOS, Serum | 2.3 | 2.4-5.1 mg/dl | Phosphomolybdate |
| CALCIUM, Serum | 9.4 | 8.7-10.4 mg/dl | Arsenazo |
| SODIUM, Serum | 138 | 136-145 mmol/l | IMT |
| POTASSIUM, Serum | 5.0 | 3.5-5.1 mmol/l | IMT |
| CHLORIDE, Serum | 103 | 98-107 mmol/l | IMT |

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









Name : MR.JHA SANTOSH KUMAR

Age / Gender : 43 Years / Male

Consulting Dr. : - Collected :

Reg. Location: Bhayander East (Main Centre)



Use a QR Code Scanner Application To Scan the Code

:17-Apr-2023 / 08:49

:17-Apr-2023 / 13:15

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

PARAMETERRESULTSBIOLOGICAL REF RANGEMETHODGLYCO Hb, EDTA WB - CC6.9Non-Diabetic Level: < 5.7 %</td>HPLC

Prediabetic Level: 5.7-6.4 % Diabetic Level: >/= 6.5 %

Reported

Estimated Average Glucose 151.3 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 ***



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

Page 5 of 13



Name : MR.JHA SANTOSH KUMAR

Age / Gender : 43 Years / Male

Consulting Dr. : -Collected : 17-Apr-2023 / 08:49

Reported :17-Apr-2023 / 13:42 Reg. Location : Bhayander East (Main Centre)

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

PARAMETER RESULTS BIOLOGICAL REF RANGE METHOD

Clinical Significance:

TPSA, Serum

PSA is detected in the serum of males with normal, benign hyper-plastic, and malignant prostate tissue.

0.487

- 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.

<4.0 ng/ml

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.

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 ***





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

Annha

Authenticity Check

Use a OR Code Scanner

Application To Scan the Code

CLIA

Page 6 of 13



Name : MR.JHA SANTOSH KUMAR

Age / Gender : 43 Years / Male

Collected Consulting Dr. : -:17-Apr-2023 / 08:49 Reg. Location

Reported :17-Apr-2023 / 20:55 : Bhayander East (Main Centre)

Authenticity Check

E

Use a QR Code Scanner Application To Scan the Code

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

BIOLOGICAL REF RANGE RESULTS PARAMETER

PHYSICAL EXAMINATION

Colour (Stool) Brown Brown Form and Consistency Semi Solid Semi Solid Mucus Absent Absent Blood Absent **Absent**

CHEMICAL EXAMINATION

pH-Stool Acidic (5.0)

Occult Blood (stool) **Absent** Absent

MICROSCOPIC EXAMINATION

Protozoa Absent Absent Flagellates Absent Absent Ciliates Absent Absent **Parasites** Absent Absent Macrophages Absent Absent Mucus Strands Absent Absent Fat Globules Absent Absent RBC/hpf Absent Absent WBC/hpf Absent Absent Yeast Cells Absent **Absent Undigested Particles** Present + Concentration Method (for ova) No ova detected Absent Reducing Substances Absent







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

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



Name : MR.JHA SANTOSH KUMAR

Age / Gender :43 Years / Male

Collected Consulting Dr. : -Reported Reg. Location : Bhayander East (Main Centre)



Authenticity Check

Use a QR Code Scanner Application To Scan the Code

:17-Apr-2023 / 08:49 :17-Apr-2023 / 15:28

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-U | Pale yellow | Pale Yellow | - |
| pH-Urine | 7.0 | 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 (Urine) | Absent | Absent | Peroxidase |
| Bilirubin | Absent | Absent | Diazonium Salt |
| Urobilinogen | Normal | Normal | Diazonium Salt |
| Nitrite (Urine) | Absent | Absent | Griess Test |
| MICROSCOPIC EXAMINATION | | | |
| Pus cells / hpf | 2-3 | 0-5/hpf | |
| RBC / hpf | Absent | 0-2/hpf | |
| Epithelial Cells / hpf | 1-2 | | |
| Casts | Absent | Absent | |
| Crystals | Absent | Absent | |
| Amorphous debris | Absent | Absent | |
| Bacteria / hpf | 3-4 | Less than 20/hpf | |
| | | | |

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

Others

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







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

Page 8 of 13



Name : MR.JHA SANTOSH KUMAR

Age / Gender : 43 Years / Male

Consulting Dr. : - Collected

Reg. Location: Bhayander East (Main Centre) Reported: 17-A



Use a QR Code Scanner Application To Scan the Code

:17-Apr-2023 / 08:49

:17-Apr-2023 / 14:00

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

<u>PARAMETER</u> <u>RESULTS</u>

ABO GRP AB

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.LEENA SALUNKHE M.B.B.S, DPB (PATH) Pathologist

C. Salmer

Page 9 of 13



Name : MR.JHA SANTOSH KUMAR

Age / Gender : 43 Years / Male

Consulting Dr. :

Reg. Location

: Bhayander East (Main Centre)

Authenticity Check

Use a QR Code Scanner Application To Scan the Code

Collected

Reported

: 17-Apr-2023 / 08:49

:17-Apr-2023 / 14:03

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

| <u>PARAMETER</u> | RESULTS | BIOLOGICAL REF RANGE | <u>METHOD</u> |
|-------------------------------|---------|--|---------------------------|
| TOTAL CHOLESTEROL, Serum | 180.1 | Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl | CHOD-POD |
| TRIGLYCERIDES, Serum | 134.3 | 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 | 30.9 | Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl | Elimination/ Catalase |
| Non HDL CHOLESTEROL, Serum | 149.2 | Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl | Calculated |
| LDL CHOLESTEROL, Serum | 122.3 | 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, Serum | 26.9 | < /= 30 mg/dl | Calculated |
| TC/HDLC RATIO, Serum | 5.8 | 0-4.5 Ratio | Calculated |
| LDLC/HDLC RATIO, Serum | 4.0 | 0-3.5 Ratio | Calculated |

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









Name : MR.JHA SANTOSH KUMAR

Age / Gender : 43 Years / Male

Consulting Dr. : - Collected : 17-Apr-2023 / 08:49

Reg. Location : Bhayander East (Main Centre) Reported :17-Apr-2023 / 13:36

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> |
|------------------|----------------|----------------------|---------------|
| FT3, Serum | 5.2 | 3.5-6.5 pmol/L | CLIA |
| FT4, Serum | 13.1 | 11.5-22.7 pmol/L | CLIA |
| TSH, Serum | 4.160 | 0.55-4.78 microIU/ml | CLIA |

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 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)





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

Annha

Authenticity Check

Use a OR Code Scanner

Application To Scan the Code

Consultant Pathologist & Lab Director

Page 11 of 13

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



Name : MR.JHA SANTOSH KUMAR

Age / Gender : 43 Years / Male

Consulting Dr. : -

Reg. Location

: Bhayander East (Main Centre)

Authenticity Check

Use a QR Code Scanner Application To Scan the Code

Collected : 17-Apr-2023 / 08:49

Reported

:17-Apr-2023 / 13:36

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



Name : MR.JHA SANTOSH KUMAR

Age / Gender : 43 Years / Male

Consulting Dr. : -

Reg. Location: Bhayander East (Main Centre)

Authenticity Check

Use a QR Code Scanner Application To Scan the Code

Collected

: 17-Apr-2023 / 08:49

Reported :17-Apr-2023 / 14:03

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 | 0.81 | 0.3-1.2 mg/dl | Vanadate oxidation |
| BILIRUBIN (DIRECT), Serum | 0.26 | 0-0.3 mg/dl | Vanadate oxidation |
| BILIRUBIN (INDIRECT), Serum | 0.55 | <1.2 mg/dl | Calculated |
| TOTAL PROTEINS, Serum | 7.3 | 5.7-8.2 g/dL | Biuret |
| ALBUMIN, Serum | 4.3 | 3.2-4.8 g/dL | BCG |
| GLOBULIN, Serum | 3.0 | 2.3-3.5 g/dL | Calculated |
| A/G RATIO, Serum | 1.4 | 1 - 2 | Calculated |
| SGOT, Serum | 44.4 | <34 U/L | Modified IFCC |
| SGPT, Serum | 75.4 | 10-49 U/L | Modified IFCC |
| GGT, Serum | 37.3 | <73 U/L | Modified IFCC |
| ALK PHOS, Serum | 89.8 | 46-116 U/L | Modified IFCC |

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







Page 13 of 13

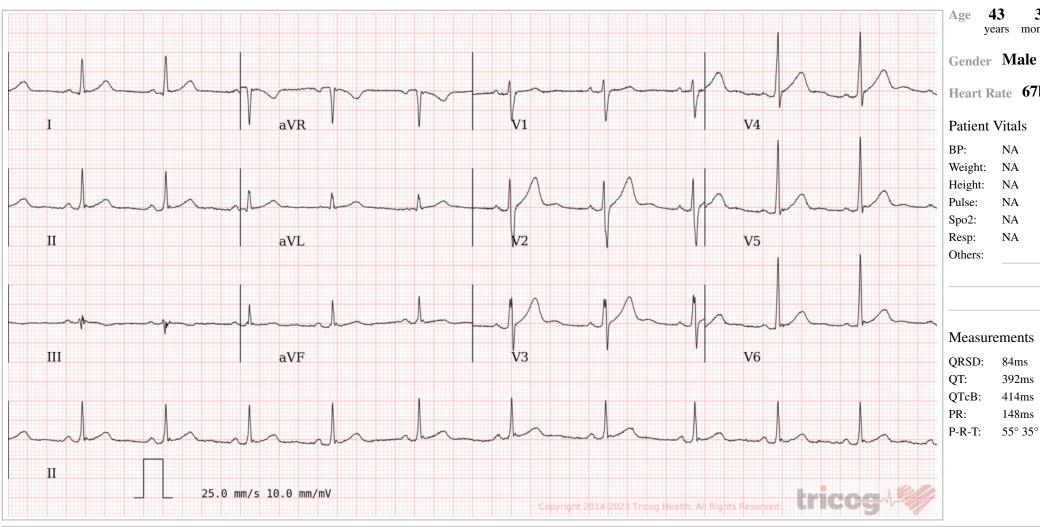
SUBURBAN DIAGNOSTICS - BHAYANDER EAST



Patient Name: JHA SANTOSH KUMAR

Date and Time: 17th Apr 23 9:20 AM

Patient ID: 2310700522



years months days

Heart Rate 67bpm

55° 35° 21°

ECG Within Normal Limits: Sinus Rhythm, Normal axis No significant ST-T changes. Please correlate clinically.

REPORTED BY

Dr. Smita Valani MBBS, D. Cardiology 2011/03/0587

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.



भारत सरकार



संतोष कुमार झा

Santosh Kumar Jha जन्म तिथि / DOB : 12/01/1980



4417 6946 6646

आधार - आम आदमी का अधिकार

Syl

IANT I HI SICIAN Rog. No. 2017/12/5553

SUBURBALL
Shop No. 10
Shop No. 10
Above
Mira - Ellowin Inane 40 1100.
Phone No: 022 - 61700000



Advised: Scalur & polismy.

Night Guand for lower and.

Provisional Diagnosis:

- Carians 28 - Generalized Gingintis - Generalized Attrisian

SMILE CRAFT

Dr. Aparna Sangle

Reg. No. A-22343 Dental Surgeon (B.D.S.) ADVANCED DENTAL CARE & COSMETIC CENTER NG Estate, CS-1, Mira Bhayander Road, Near Vodafone Gallery, Mira Read (2) Frane-401107, Mob.: 8454929394 Email: aparthauthad Crahoo.in

REGD. OFFICE: Suburban Diagnostics (India) Pvt. Ltd., Aston, 2rd Floor, Sundervan Complex, Above Mercedes Showroom, Andheri West, Marchail - 400053. CENTRAL REFERENCE LABORATORY: Shop No. 9, 101 to 105, Skyline Wealth Space Building, Near Dmart, Premier Road, Vidyavihar (W), Mumbai - 400086.

HEALTHLINE: 022-6170-0000 | E-MAIL: customerservice@suburbandiagnostics.com | WEBSITE: www.suburbandiagnostics.com



CID: 2310700522 Age/Gender: 43Years/M

Name: MR. SANTOSH KUMAR JHA Registered: 17/04/2023

REFERRED BY: Reported: 17/04/2023

Reg.Location: Bhayander East (Main Centre) Printed: 17/04/2023

2D-Echocardigram & Doppler Report

R

E

Cardiac Evaluation:

DIMENSIONS:

 IVSd
 9.8 mm

 LVIDd
 44 mm

 LVPWd
 9.1 mm

IVSs 13.1 mm LVIDs 26 mm LVPWS 13.6 mm

LVEF 60% (M-MODE), Visually EF-60%

No RWMA

Aorta-33 mm, LA-39 mm

TAPSE - 28 mm IVC -17 mm, collapsing

MORPHOLOGICAL DATA

Mitral Valve Normal
Aortic Valve Normal
Tricuspid Valve Normal
Pulmonary Valve Normal
Right Ventricle Normal

IAS / IVS Intact

Pulmonary Artery
Aorta
Normal
Right Atrium
Left Atrium
Pericardium
Normal
Normal



DOPPLER DATA:

Mitral E velocity 0.93 m/s
Mitral A velocity 0.48 m/s
Mitral E' velocity 0.19 m/s

Aortic V max
TR Gmax
1.18 m/s
10 mmHg

Trivial MR and AR, Trivial TR

No clot/vegetation/effusion.

IMPRESSION:

- Good LV systolic function, LVEF = 60%, Normal RV function
- No Diastolic Dysfunction
- No PH. (PASP by TR jet 15 mm Hg).

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

DR. ASHISH MISHRA
M.B.B.S., M.D., D.M. Cardiology
Reg. No. 2010/03/0511
CONSULTANT CARDIOLOGIST

R



Name: Mr.SANTOSH KUMAR

Age 43 / years / Male

PHYSICAL EXAMINATION REPORTS

History and Complaints:

No Complaints.

EXAMINATION FINDINGS:

Height (cms):

174

Weight (kg):

92

Temp (0c):

Afebrile

Skin:

NAD

Blood Pressure (mm/hg):

120/70

Nails:

NAD

Pulse:

84/min

Lymph Node:

Not Palpable

R E

0

Т

Systems

Cardiovascular:

S1S2(N) No Murmurs

Respiratory:

AEBE Clear

Genitourinary:

Normal

GI System:

Normal

CNS:

Normal

IMPRESSION: E(4, CBC, Bio Chemistry, 20 Echo.

RU WNL

US Gioto: Grade-IT Forty Liver, and Simple

Heparic Scyrt is left-lobe of Line.

ADVICE:

Expell- Consultation.



Name: Mr.SANTOSH KUMAR

Age 43 / years / Male

PHYSICAL EXAMINATION REPORTS

CHIEF COMPLAINTS:

| | IItangian: | NO |
|-----|--------------------------------------|-----------|
| 1) | Hypertension: | NO |
| 2) | IHD | NO |
| 3) | Arrhythmia | YES,1 Yrs |
| 4) | Diabetes Mellitus | NO |
| 5) | Tuberculosis | No |
| 6) | Asthama | NO |
| 7) | Pulmonary Disease | |
| 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 |
| | Blood disease or disorder | No |
| 13) | | No |
| 14) | Cancer/lump growth/cyst | No |
| 15) | | No |
| 16) | | No |
| 17) | Musculoskeletal System | 18100000 |

PERSONAL HISTORY:

| 1) | Alcohol | NO |
|----|------------|--------|
| 2) | Smoking | No |
| 3) | Diet | Mix ed |
| 4) | Medication | Yes |





Name : Mr JHA SANTOSH KUMAR

Age / Sex : 43 Years/Male

Ref. Dr : Reg. Date : 17-Apr-2023

Reg. Location: Bhayander East Main Centre **Reported**: 17-Apr-2023/13:33



R

 \mathbf{E}

Use a QR Code Scanner

Application To Scan the Code

7- Apr-2023

: 17-Apr-2023/13:33

USG WHOLE ABDOMEN

LIVER:

The liver is normal in size (14.0 cm), shape and shows smooth margins. It shows increased parenchymal echotexture. A simple cyst measuring 8.4 mm is seen in the left lobe of liver. No obvious solid lesion made out in the parenchyma. The intra hepatic biliary and portal radicals appear normal. The main portal vein appears normal.

GALL BLADDER:

The gall bladder is folded and partially distended. Neck region is not well visualised. Gall bladder wall appears normal. No evidence of calculus or mass lesions seen in the visualised lumen.

COMMON BILE DUCT:

The visualized common bile duct is normal in calibre. Terminal common bile duct is obscured due to bowel gas artefacts.

PANCREAS:

The pancreas appears normal. No evidence of solid or cystic mass lesion seen.

KIDNEYS:

Right kidney measures 11.7 x 5.2 cm. Left kidney measures 11.8 x 4.9 cm. Both the kidneys are normal in size, shape, position and echotexture. Corticomedullary differentiation is well maintained. Pelvicalyceal system is normal. No evidence of any calculus, hydronephrosis or mass lesion seen on both sides.

SPLEEN:

The spleen is normal in size (11.8 cm) and echotexture. No evidence of focal lesion is noted.

URINARY BLADDER:

The urinary bladder is well distended and reveals no intraluminal abnormality. Bladder wall appears normal. No obvious calculus or mass lesion made out in the lumen.

PROSTATE:

The prostate is normal in size, measures 3.6 x 3.1 x 3.3 cms and weighs 20.3 gms. Parenchymal echotexture is normal. Evidence of calcification seen in the prostatic parenchyma. No obvious mass made out.

There is no evidence of any lymphadenopathy or ascites.



Name : Mr JHA SANTOSH KUMAR

Age / Sex : 43 Years/Male

Ref. Dr :

Reg. Location: Bhayander East Main Centre

Authenticity Check

Use a QR Code Scanner Application To Scan the Code

Reg. Date : 17-Apr-2023

Reported : 17-Apr-2023/13:33

IMPRESSION:

- Grade II fatty infiltration of liver.
- Simple hepatic cyst in left lobe of liver.

Kindly correlate clinically.

Investigations have their limitation. Solitary pathological/Radiological & other investigations never confirm the final diagnosis. They only help in diagnosing the disease in correlation to clinical symptoms & other related tests. Please interpret accordingly.

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

DR.VIBHA S KAMBLE MBBS ,DMRD Reg No -65470 Consultant Radiologist



: Mr JHA SANTOSH KUMAR Name

Age / Sex : 43 Years/Male

Ref. Dr

Reg. Location : Bhayander East Main Centre

Authenticity Check

R



Use a QR Code Scanner Application To Scan the Code

Reg. Date : 17-Apr-2023

Reported : 17-Apr-2023/13:33



Name : Mr JHA SANTOSH KUMAR

Age / Sex : 43 Years/Male

Ref. Dr :

Reg. Location: Bhayander East Main Centre



R

Use a QR Code Scanner Application To Scan the Code

Reg. Date : 17-Apr-2023

Reported : 17-Apr-2023/10:25

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 Report-----

DR.VIBHA S KAMBLE MBBS ,DMRD Reg No -65470 Consultant Radiologist



: Mr JHA SANTOSH KUMAR Name

Age / Sex : 43 Years/Male

Ref. Dr

Reg. Location : Bhayander East Main Centre

Authenticity Check

R



Use a QR Code Scanner Application To Scan the Code

Reg. Date : 17-Apr-2023

Reported : 17-Apr-2023/10:25