| Chaudan<br>Since 1991   | <b>CHANDAN D</b><br>Add: 99, Shivaji Nagar Mah<br>Ph: 9235447795,0542-3500<br>CIN : U85110DL2003PLC: | moorganj,Varanasi<br>)227              |   | TRE  | SOUTH AND  |
|---|--|--|---|--|--|
| Age/Gender : 4<br>UHID/MR NO : 0<br>Visit ID : 0                                  | Mr.UDAY KUMAR YADAV-B<br>44 Y 8 M 9 D /M<br>CVAR.0000048439<br>CVAR0125012324<br>Dr.MEDIWHEEL VNS -  | OBE11272                               | Registered C<br>Collected<br>Received<br>Reported<br>Status | 0n : 09/Mar/2024 0<br>: 09/Mar/2024 1<br>: 09/Mar/2024 1<br>: 09/Mar/2024 1<br>: 69/Mar/2024 1<br>: Final Report   | 1:05:31<br>1:22:53   |
|   | D  | EPARTM ENT                             | OFHAEMATO   | LOGY   |  |
|   | MEDIWHE  | EL BANK OF E                           | BARODA MALE   | ABOVE 40 YRS   |  |
| Test Name   |  | Result                                 | Unit  | Bio. Ref. Interval   | Method   |
| Blood Group (ABO a<br>Blood Group<br>Rh ( Anti-D)                                 | & Rhtyping)*, <i>Blood</i>   | O<br>POSITIVE                          |   |  | ERYTHROCYTE<br>MAGNETIZED<br>TECHNOLOGY / TUBE<br>AGGLUTINA<br>ERYTHROCYTE<br>MAGNETIZED                             |
| Complete Blood Co   | unt (OBC) * , Whole Blood  | 1                                      |   |  | TECHNOLOGY / TUBE  |
| Haemoglobin   |  | 14.60                                  | g/dl  | 1 Day- 14.5-22.5 g/dl<br>1 Wk- 13.5-19.5 g/dl<br>1 Mo- 10.0-18.0 g/dl<br>3-6 Mo- 9.5-13.5 g/dl<br>0.5-2 Yr- 10.5-13.5 g/dl<br>2-6 Yr- 11.5-15.5 g/dl<br>6-12 Yr- 11.5-15.5 g/dl<br>12-18 Yr 13.0-16.0 g/dl<br>Male- 13.5-17.5 g/dl<br>Female- 12.0-15.5 g/dl |  |
| TLC (WBC)<br><u>DLC</u>   | 4  | 8,100.00                               | /Cu mm  | 4000-10000   | ELECTRONIC IMPEDANCE   |
| Polymorphs (Neutro<br>Lymphocytes<br>Monocytes<br>Eosinophils<br>Basophils<br>ESR | phils )  | 53.00<br>42.00<br>4.00<br>1.00<br>0.00 | %<br>%<br>%<br>%  | 55-70<br>25-40<br>3-5<br>1-6<br><1   | ELECTRONIC IMPEDANCE<br>ELECTRONIC IMPEDANCE<br>ELECTRONIC IMPEDANCE<br>ELECTRONIC IMPEDANCE<br>ELECTRONIC IMPEDANCE |
| Observed<br>Corrected<br>PCV (HCT)<br>Platelet count                              |  | 10.00<br>6.00<br>44.00                 | Mm for 1st hr.<br>Mm for 1st hr.<br>%                       | 40-54  |  |
| Platelet Count<br>PDW (Platelet Distrik<br>P-LCR (Platelet Large                  |  | 2.38<br>nr<br>nr                       | LACS/cu mm<br>fL<br>%                                       | 1.5-4.0<br>9-17<br>35-60   | ELECTRONIC<br>IMPEDANCE/MICROSCOPIC<br>ELECTRONIC IMPEDANCE<br>ELECTRONIC IMPEDANCE                                  |
| -   |  |  |   |  |  |

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Home Sample Collection 1800-419-0002

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Since 1991

CHANDAN DIAGNOSTIC CENTRE

Add: 99, Shivaji Nagar Mahmoorganj,Varanasi Ph: 9235447795,0542-3500227 CIN : U85110DL2003PLC308206



| Patient Name             | : Mr.UDAY KUMAR YADAV-BOBE11272        | Registered On         | : 09/Mar/2024 08:34:24                           |
|--------------------------|--|-----------------------|--|
| Age/Gender<br>UHID/MR NO | : 44 Y 8 M 9 D /M<br>: CVAR.0000048439 | Collected<br>Received | : 09/Mar/2024 11:05:31<br>: 09/Mar/2024 11:22:53 |
| Visit ID                 | : CVAR0125012324                       | Reported              | : 09/Mar/2024 13:22:57                           |
| Ref Doctor               | : Dr.MEDIWHEEL VNS -                   | Status                | : Final Report                                   |

## DEPARTMENT OF HAEM ATOLOGY

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

| Test Name                        | Result   | Unit        | Bio. Ref. Interval | Method               |
|----------------------------------|----------|-------------|--------------------|----------------------|
|                                  |          |             |                    |                      |
| PCT (Platelet Hematocrit)        | nr       | %           | 0.108-0.282        | ELECTRONIC IMPEDANCE |
| MPV (Mean Platelet Volume)       | nr       | fL          | 6.5-12.0           | ELECTRONIC IMPEDANCE |
| RBCCount                         |          |             |                    |                      |
| RBC Count                        | 4.83     | Mill./cu mm | 4.2-5.5            | ELECTRONIC IMPEDANCE |
| Blood Indices (MCV, MCH, MCHC)   |          |             |                    |                      |
| MCV                              | 89.70    | ۶ſ          | 80-100             | CALCULATED PARAMETER |
| MCH                              | 30.30    | pg          | 28-35              | CALCULATED PARAMETER |
| MCHC                             | 33.80    | %           | 30-38              | CALCULATED PARAMETER |
| RDW-CV                           | 13.50    | %           | 11-16              | ELECTRONIC IMPEDANCE |
| RDW-SD                           | 47.00    | fL          | 35-60              | ELECTRONIC IMPEDANCE |
| Absolute Neutrophils Count       | 4,293.00 | /cu mm      | 3000-7000          |                      |
| Absolute Eosinophils Count (AEC) | 81.00    | /cu mm      | 40-440             |                      |

S.n. Sinta

Dr.S.N. Sinha (MD Path)







Ph: 9235447795,0542-3500227 CIN: U85110DL2003PLC308206



| Visit ID<br>Ref Doctor | : CVAR0125012324<br>: Dr.MEDIWHEEL VNS - | Reported<br>Status | : 09/Mar/2024 14:41:39<br>: Final Report |  |
|------------------------|--|--------------------|--|--|
| UHID/MR NO             | : CVAR.0000048439                        | Received           | : 09/Mar/2024 12:21:58                   |  |
| Age/Gender             | : 44 Y 8 M 9 D /M                        | Collected          | : 09/Mar/2024 12:08:08                   |  |
| Patient Name           | : Mr.UDAY KUMAR YADAV-BOBE11272          | Registered On      | : 09/Mar/2024 08:34:25                   |  |

## DEPARTMENT OF BIOCHEMISTRY

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

| Test Name                | Result | Unit  | Bio. Ref. Interval                                     | Method  |
|--------------------------|--------|-------|--|---------|
|                          |        |       |  |         |
|                          |        |       |  |         |
| GLUCOSE FASTING , Plasma |        |       |  |         |
| Glucose Fasting          | 102.10 | mg/dl | < 100 Normal<br>100-125 Pre-diabetes<br>≥ 126 Diabetes | GOD POD |

#### **Interpretation:**

a) Kindly correlate clinically with intake of hypoglycemic agents, drug dosage variations and other drug interactions. b) A negative test result only shows that the person does not have diabetes at the time of testing. It does not mean that the person will never get diabetics in future, which is why an Annual Health Check up is essential. c) I.G.T = Impared Glucose Tolerance.

| Glucose PP<br>Sample:Plasma After Meal | 142.20 | mg/dl | <140 Normal<br>140-199 Pre-diabetes<br>>200 Diabetes | GOD POD |
|--|--------|-------|--|---------|
|  |        |       |  |         |

#### **Interpretation:**

a) Kindly correlate clinically with intake of hypoglycemic agents, drug dosage variations and other drug interactions. b) A negative test result only shows that the person does not have diabetes at the time of testing. It does not mean that the person will never get diabetics in future, which is why an Annual Health Check up is essential. c) I.G.T = Impared Glucose Tolerance.

S.n. Sinta

Dr.S.N. Sinha (MD Path)

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**Home Sample Collecti** 





Add: 99, Shivaji Nagar Mahmoorganj,Varanasi Ph: 9235447795,0542-3500227 CIN : U85110DL2003PLC308206



| Patient Name | : Mr.UDAY KUMAR YADAV-BOBE11272 | Registered On | : 09/Mar/2024 08:34:26 |
|--------------|---------------------------------|---------------|------------------------|
|              |                                 | Registered On | , ,                    |
| Age/Gender   | : 44 Y 8 M 9 D /M               | Collected     | : 09/Mar/2024 11:05:31 |
| UHID/MR NO   | : CVAR.0000048439               | Received      | : 10/Mar/2024 11:58:16 |
| Visit ID     | : CVAR0125012324                | Reported      | : 10/Mar/2024 13:53:33 |
| Ref Doctor   | : Dr.MEDIWHEEL VNS -            | Status        | : Final Report         |

#### DEPARTMENT OF BIOCHEMISTRY

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

| Test Name                        | Result           | Unit | Bio. Ref. Interval | Method |  |
|----------------------------------|------------------|------|--------------------|--------|--|
|                                  |                  |      |                    |        |  |
| GLYCOSYLATED HAEMOGLOBIN (HBA1C) | * * . EDTA BLOOD |      |                    |        |  |
|                                  | ,                |      |                    |        |  |

| Glycosylated Haemoglobin (HbA1c) | 6.10  | % NGSP        | HPLC (NGSP) |
|----------------------------------|-------|---------------|-------------|
| Glycosylated Haemoglobin (HbA1c) | 43.00 | mmol/mol/IFCC |             |
| Estimated Average Glucose (eAG)  | 128   | mg/dl         |             |

#### Interpretation:

#### NOTE:-

- eAG is directly related to A1c.
- An A1c of 7% -the goal for most people with diabetes-is the equivalent of an eAG of 154 mg/dl.
- eAG may help facilitate a better understanding of actual daily control helping you and your health care provider to make necessary changes to your diet and physical activity to improve overall diabetes mnagement.

The following ranges may be used for interpretation of results. However, factors such as duration of diabetes, adherence to therapy and the age of the patient should also be considered in assessing the degree of blood glucose control.

| Haemoglobin A1C (%)NGSP | mmol/mol / IFCC Unit | eAG (mg/dl) | <b>Degree of Glucose Control Unit</b> |
|-------------------------|----------------------|-------------|---------------------------------------|
| > 8                     | >63.9                | >183        | Action Suggested*                     |
| 7-8                     | 53.0 -63.9           | 154-183     | Fair Control                          |
| < 7                     | <63.9                | <154        | Goal**                                |
| 6-7                     | 42.1 -63.9           | 126-154     | Near-normal glycemia                  |
| < 6%                    | <42.1                | <126        | Non-diabetic level                    |

\*High risk of developing long term complications such as Retinopathy, Nephropathy, Neuropathy, Cardiopathy, etc. \*\*Some danger of hypoglycemic reaction in Type 1 diabetics. Some glucose intolerant individuals and "subclinical" diabetics may demonstrate HbA1C levels in this area.

N.B.: Test carried out on Automated VARIANT II TURBO HPLC Analyser.

#### **<u>Clinical Implications:</u>**

\*Values are frequently increased in persons with poorly controlled or newly diagnosed diabetes.

\*With optimal control, the HbA 1c moves toward normal levels.

\*A diabetic patient who recently comes under good control may still show higher concentrations of glycosylated hemoglobin. This level declines gradually over several months as nearly normal glycosylated \*Increases in glycosylated hemoglobin occur in the following non-diabetic conditions: a. Iron-deficiency anemia b. Splenectomy

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CHANDAN DIAGNOSTIC CENTRE Add: 99, Shivaji Nagar Mahmoorganj,Varanasi



Add: 99, Shivaji Nagar Mahmoorganj,Varana Ph: 9235447795,0542-3500227 CIN : U85110DL2003PLC308206



| Patient Name | : Mr.UDAY KUMAR YADAV-BOBE11272 | Registered On | : 09/Mar/2024 08:34:26 |
|--------------|---------------------------------|---------------|------------------------|
| Age/Gender   | : 44 Y 8 M 9 D /M               | Collected     | : 09/Mar/2024 11:05:31 |
| UHID/MR NO   | : CVAR.0000048439               | Received      | : 10/Mar/2024 11:58:16 |
| Visit ID     | : CVAR0125012324                | Reported      | : 10/Mar/2024 13:53:33 |
| Ref Doctor   | : Dr.MEDIWHEEL VNS -            | Status        | : Final Report         |

## DEPARTMENT OF BIOCHEMISTRY

## MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

| Test Name | Result | Unit | Bio. Ref. Interval | Method |  |
|-----------|--------|------|--------------------|--------|--|
|-----------|--------|------|--------------------|--------|--|

c. Alcohol toxicity d. Lead toxicity

\*Decreases in A 1c occur in the following non-diabetic conditions: a. Hemolytic anemia b. chronic blood loss

\*Pregnancy d. chronic renal failure. Interfering Factors:

\*Presence of Hb F and H causes falsely elevated values. 2. Presence of Hb S, C, E, D, G, and Lepore (autosomal recessive mutation resulting in a hemoglobinopathy) causes falsely decreased values.

#### Dr. Anupam Singh (MBBS MD Pathology)

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Add: 99, Shivaji Nagar Mahmoorganj,Varanasi Ph: 9235447795,0542-3500227 CIN : U85110DL2003PLC308206



| Patient Name<br>Age/Gender<br>UHID/MR NO<br>Visit ID<br>Ref Doctor | : Mr.UDAY KUMAR YADAV-B<br>: 44 Y 8 M 9 D /M<br>: CVAR.0000048439<br>: CVAR0125012324<br>: Dr.MEDIWHEEL VNS - | OBE11272 | Registered On<br>Collected<br>Received<br>Reported<br>Status | : 09/Mar/2024 08:34<br>: 09/Mar/2024 11:05<br>: 09/Mar/2024 11:22<br>: 09/Mar/2024 13:13<br>: Final Report | :31<br>:53                 |
|--|---|----------|--|--|----------------------------|
|  |   |          | OF BIOCHEMIST  |  |                            |
|  | MEDIWHE   | -        | ARODA MALE AI  |  |                            |
| Test Name  |   | Result   | Unit   | Bio. Ref. Interval   | Method                     |
| BUN (Blood Urea I<br>Sample:Serum                                  | Nitrogen)   | 13.00    | mg/dL  | 7.0-23.0   | CALCULATED                 |
| Creatinine<br>Sample:Serum   |   | 1.20     | mg/dl  | 0.6-1.30   | MODIFIED JAFFES            |
| Uric Acid<br>Sample:Serum  |   | 3.70     | ∘ mg/dl  | 3.4-7.0  | URICASE                    |
| LFT (WITH GAM  | MAGT) *, <i>s</i> erum  |          |  |  |                            |
| SGOT / Aspartate   | e Aminotransferase (AST)  | 23.00    | U/L  | < 35   | IFCC WITHOUT P5P           |
| SGPT / Alanine A   | minotransferase (ALT)   | 29.60    | U/L  | < 40   | IFCC WITHOUT P5P           |
| Gamma GT (GGT)   |   | 22.00    | IU/L   | 11-50  | OPTIMIZED SZAZING          |
| Protein  |   | 7.10     | gm/dl  | 6.2-8.0  | BIURET                     |
| Albumin  |   | 4.30     | gm/dl  | 3.4-5.4  | B.C.G.                     |
| Globulin   |   | 2.80     | gm/dl  | 1.8-3.6  | CALCULATED                 |
| A:G Ratio  |   | 1.54     |  | 1.1-2.0  | CALCULATED                 |
| Alkaline Phospha   | atase (Total)   | 55.50    | U/L  | 42.0-165.0   | IFCC METHOD                |
| Bilirubin (Total)  |   | 0.90     | mg/dl  | 0.3-1.2  | JENDRASSIK & GROF          |
| Bilirubin (Direct)   |   | 0.40     | mg/dl  | < 0.30   | JENDRASSIK & GROF          |
| Bilirubin (Indired   | ct)   | 0.50     | mg/dl  | < 0.8  | JENDRASSIK & GROF          |
| LIPID PROFILE (  | MINI), Serum  |          |  |  |                            |
| Cholesterol (Tot   | al)   | 122.00   | mg/dl  | <200 Desirable<br>200-239 Borderline High<br>> 240 High  | CHOD-PAP                   |
| HDL Cholesterol  | (Good Cholesterol)  | 39.20    | mg/dl  | 30-70  | DIRECT ENZYMATIC           |
| LDL Cholesterol  | (Bad Cholesterol)   | 45       | mg/dl  | < 100 Optimal<br>100-129 Nr.<br>Optimal/Above Optima<br>130-159 Borderline High                            |                            |
|  |   |          |  | 160-189 High<br>> 190 Very High  |                            |
| VLDL   |   | 37.86    | mg/dl  | 10-33  | CALCU                      |
| Triglycerides  |   | 189.30   | mg/dl  | < 150 Normal<br>150-199 Borderline High<br>200-499 High<br>>500 Very High                                  | GPO-P<br>S.N. Sinha (MD Pi |



| Chaudan<br>Since 1991     | Add: 99, Shivaji Nagar M.<br>Ph: 9235447795,0542-35<br>CIN : U85110DL2003PL | 00227                 |               |                          | TRAPS                      |
|---------------------------|---|-----------------------|---------------|--------------------------|----------------------------|
| Patient Name              | : Mr.UDAY KUMAR YADAV-  | BOBE11272             | Registered On | : 09/Mar/2024 0          | 8:34:26                    |
| Age/Gender                | : 44 Y 8 M 9 D /M   |                       | Collected     | : 09/Mar/2024 1          |                            |
| UHID/MR NO                | : CVAR.0000048439   |                       | Received      | : 09/Mar/2024 1          |                            |
| Visit ID                  | : CVAR0125012324  |                       | Reported      | : 09/Mar/2024 1          | 5:49:29                    |
| Ref Doctor                | : Dr.MEDIWHEEL VNS -  |                       | Status        | : Final Report           |                            |
|                           |   | PARTMENT OF C         |               |                          |                            |
|                           | MEDIWH  | EL BANK OF BA         |               |                          |                            |
| Test Name                 |   | Result                | Unit          | Bio. Ref. Interval       | Method                     |
| Color<br>Specific Gravity | ATION, ROUTINE* , Urine   | LIGHT YELLOW<br>1.010 |               |                          |                            |
| Reaction PH               |   | Acidic (5.0)          |               |                          | DIPSTICK                   |
| Appearance                |   | CLEAR                 | ,<br>,        |                          | DIDETION                   |
| Protein                   |   | ABSENT                | mg %          | < 10 Absent              | DIPSTICK                   |
|                           |   |                       |               | 10-40 (+)<br>40-200 (++) |                            |
|                           |   |                       |               | 200-500 (+++)            |                            |
|                           |   |                       |               | >500 (++++)              |                            |
| Sugar                     |   | ABSENT                | gms%          | < 0.5 (+)                | DIPSTICK                   |
| Jugui                     |   | Abselli               | B11370        | 0.5-1.0 (++)             | Dir Stick                  |
|                           |   |                       |               | 1-2 (+++)                |                            |
|                           |   |                       | No was        | >2 (++++)                |                            |
| Ketone                    |   | ABSENT                | mg/dl         | 0.1-3.0                  | BIOCHEMISTRY               |
| Bile Salts                |   | ABSENT                |               |                          |                            |
| Bile Pigments             |   | ABSENT                |               |                          |                            |
| Bilirubin                 |   | ABSENT                |               | Service Street           | DIPSTICK                   |
| Leucocyte Estera          | se  | ABSENT                |               |                          | DIPSTICK                   |
| Urobilinogen(1:2          |   | ABSENT                |               |                          |                            |
| Nitrite                   | is anation,   | ABSENT                |               |                          | DIPSTICK                   |
| Blood                     |   | ABSENT                |               |                          | DIPSTICK                   |
| Microscopic Exan          | nination.   | ABSEINT               |               |                          | DII STICK                  |
|                           |   | 1.2/1 5               |               |                          | MICROSCODIC                |
| Epithelial cells          |   | 1-2/h.p.f             |               |                          | MICROSCOPIC<br>EXAMINATION |
| Due collo                 |   | 1.2/h.a.f             |               |                          | EXAMINATION                |
| Pus cells                 |   | 1-2/h.p.f             |               |                          |                            |
| RBCs                      |   | ABSENT                |               |                          | MICROSCOPIC                |
|                           |   |                       |               |                          | EXAMINATION                |
| Cast                      |   | ABSENT                |               |                          | MICROSCODIC                |
| Crystals                  |   | ABSENT                |               |                          | MICROSCOPIC                |
| Others                    |   | ABSENT                |               |                          | EXAMINATION                |
| others                    |   | , OSEINT              | ·             |                          |                            |
| SUGAR, FASTING            | GSTAGE*, Urine  |                       |               |                          |                            |
| Sugar, Fasting sta        | age   | ABSENT                | gms%          |                          |                            |
|                           |   |                       |               |                          |                            |

# Interpretation:

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Sent Ann





Add: 99, Shivaji Nagar Mahmoorganj,Varanasi Ph: 9235447795,0542-3500227 CIN : U85110DL2003PLC308206



| Patient Name<br>Age/Gender | : Mr.UDAY KUMAR YADAV-BOBE11272<br>: 44 Y 8 M 9 D /M | Registered On<br>Collected | : 09/Mar/2024 08:34:26<br>: 09/Mar/2024 11:05:31 |
|----------------------------|--|----------------------------|--|
| UHID/MR NO                 | : CVAR.0000048439                                    | Received                   | : 09/Mar/2024 11:22:53                           |
| Visit ID                   | : CVAR0125012324                                     | Reported                   | : 09/Mar/2024 15:49:29                           |
| Ref Doctor                 | : Dr.MEDIWHEEL VNS -                                 | Status                     | : Final Report                                   |

# DEPARTMENT OF CLINICAL PATHOLOGY

## MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

| Test Name    | Result | Unit | Bio. Ref. Interval | Method |
|--------------|--------|------|--------------------|--------|
|              |        |      |                    |        |
| (+) < 0.5    |        |      |                    |        |
| (++) 0.5-1.0 |        |      |                    |        |
| (+++) 1-2    |        |      |                    |        |

(++++) > 2



Dr.S.N. Sinha (MD Path)

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Add: 99, Shivaji Nagar Mahmoorganj,Varanasi Ph: 9235447795,0542-3500227 CIN : U85110DL2003PLC308206



| Patient Name              | : Mr.UDAY KUMAR YADAV-BOBE11272 | Registered On  | : 09/Mar/2024 08   | :34:27 |  |  |  |
|---------------------------|---------------------------------|----------------|--------------------|--------|--|--|--|
| Age/Gender                | : 44 Y 8 M 9 D /M               | Collected      | : 09/Mar/2024 11   | :05:31 |  |  |  |
| UHID/MR NO                | : CVAR.0000048439               | Received       | : 10/Mar/2024 10   | :34:56 |  |  |  |
| Visit ID                  | : CVAR0125012324                | Reported       | : 10/Mar/2024 12   | :57:19 |  |  |  |
| Ref Doctor                | : Dr.MEDIWHEEL VNS -            | Status         | : Final Report     |        |  |  |  |
| DEPARTMENT OF IM MUNOLOGY |                                 |                |                    |        |  |  |  |
|                           | MEDIWHEEL BANK OF               | BARODA MALE AB | BOVE 40 YRS        |        |  |  |  |
| Test Name                 | Result                          | Unit           | Bio. Ref. Interval | Method |  |  |  |
|                           |                                 |                |                    |        |  |  |  |

| PSA (Prostate Specific Antigen), Total ** | 0.63 | ng/mL <4.1 | CLIA |
|---|------|------------|------|
| Sample:Serum                              |      |            |      |

#### Interpretation:

- 1. PSA is detected in the serum of males with normal, benign hypertrophic, and malignant prostate tissue.
- 2. Measurement of serum PSA levels is not recommended as a screening procedure for the diagnosis of cancer because elevated PSA levels also are observed in patients with benign prostatic hypertrophy. However, studies suggest that the measurement of PSA in conjunction with digital rectal examination (DRE) and ultrasound provide a better method of detecting prostate cancer than DRE alone<sup>-</sup>
- 3. PSA levels increase in men with cancer of the prostate, and after radical prostatectomy PSA levels routinely fall to the undetectable range.
- 4. If prostatic tissue remains after surgery or metastasis has occurred, PSA appears to be useful in detecting residual and early recurrence of tumor.
- 5. Therefore, serial PSA levels can help determine the success of prostatectomy, and the need for further treatment, such as radiation, endocrine or chemotherapy, and in the monitoring of the effectiveness of therapy.

Dr. Anupam Singh (MBBS MD Pathology)

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Add: 99, Shivaji Nagar Mahmoorganj,Varanasi Ph: 9235447795,0542-3500227 CIN : U85110DL2003PLC308206



| Patient Name | : Mr.UDAY KUMAR YADAV-BOBE11272 | Registered On | : 09/Mar/2024 08:34:26 |
|--------------|---------------------------------|---------------|------------------------|
| Age/Gender   | : 44 Y 8 M 9 D /M               | Collected     | : 09/Mar/2024 11:05:31 |
| UHID/MR NO   | : CVAR.0000048439               | Received      | : 09/Mar/2024 11:22:53 |
| Visit ID     | : CVAR0125012324                | Reported      | : 09/Mar/2024 16:37:56 |
| Ref Doctor   | : Dr.MEDIWHEEL VNS -            | Status        | : Final Report         |

#### DEPARTMENT OF IMMUNOLOGY

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

| Test Name                         | Result | Unit          | Bio. Ref. Interval  | Method    |
|-----------------------------------|--------|---------------|---------------------|-----------|
|                                   |        |               |                     |           |
|                                   |        |               |                     |           |
| THYROID PROFILE - TOTAL*, Serum   |        |               |                     |           |
| T3, Total (tri-iodothyronine)     | 109.00 | ng/dl         | 84.61–201.7         | CLIA      |
| T4, Total (Thyroxine)             | 6.60   | ug/dl         | 3.2-12.6            | CLIA      |
| TSH (Thyroid Stimulating Hormone) | 6.400  | μlU/mL        | 0.27 - 5.5          | CLIA      |
|                                   |        |               |                     |           |
| Interpretation:                   |        |               |                     |           |
|                                   |        | 0.3-4.5 μIU/1 | mL First Trimester  |           |
|                                   |        | 0.5-4.6 μIU/1 | mL Second Trimester |           |
|                                   |        | 0.8-5.2 μIU/r | nL Third Trimester  |           |
|                                   |        | 0.5-8.9 μIU/1 | nL Adults 55-       | 87 Years  |
|                                   |        | 0.7-27 μIU/ı  | mL Premature 2      | 8-36 Week |

1) Patients having low T3 and T4 levels but high TSH levels suffer from primary hypothyroidism, cretinism, juvenile myxedema or autoimmune disorders.

2.3-13.2 µIU/mL

µIU/mL

µIU/mL

µIU/mL

0.7 - 64

1-39

1.7-9.1

2) Patients having high T3 and T4 levels but low TSH levels suffer from Grave's disease, toxic adenoma or sub-acute thyroiditis.

**3**) Patients having either low or normal T3 and T4 levels but low TSH values suffer from iodine deficiency or secondary hypothyroidism.

**4**) Patients having high T3 and T4 levels but normal TSH levels may suffer from toxic multinodular goiter. This condition is mostly a symptomatic and may cause transient hyperthyroidism but no persistent symptoms.

**5**) Patients with high or normal T3 and T4 levels and low or normal TSH levels suffer either from T3 toxicosis or T4 toxicosis respectively.

**6)** In patients with non thyroidal illness abnormal test results are not necessarily indicative of thyroidism but may be due to adaptation to the catabolic state and may revert to normal when the patient recovers.

7) There are many drugs for eg. Glucocorticoids, Dopamine, Lithium, Iodides, Oral radiographic dyes, etc. which may affect the thyroid function tests.

**8**) Generally when total T3 and total T4 results are indecisive then Free T3 and Free T4 tests are recommended for further confirmation along with TSH levels.

S.n. Sinta

> 37Week

0-4 Days

2-20 Week

Cord Blood

Child

Child

Child(21 wk - 20 Yrs.)

Dr.S.N. Sinha (MD Path)

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Add: 99, Shivaji Nagar Mahmoorganj,Varanasi Ph: 9235447795,0542-3500227 CIN : U85110DL2003PLC308206



| Patient Name | : Mr.UDAY KUMAR YADAV-BOBE11272 | Registered On | : 09/Mar/2024 08:34:27 |
|--------------|---------------------------------|---------------|------------------------|
| Age/Gender   | : 44 Y 8 M 9 D /M               | Collected     | : N/A                  |
| UHID/MR NO   | : CVAR.0000048439               | Received      | : N/A                  |
| Visit ID     | : CVAR0125012324                | Reported      | : 09/Mar/2024 16:40:14 |
| Ref Doctor   | : Dr.MEDIWHEEL VNS -            | Status        | : Final Report         |

## DEPARTMENT OF X-RAY

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

#### X-RAY DIGITAL CHEST PA \*

# X- Ray Digital Chest P.A. View

- Lung fields are clear.
- Pleural spaces are clear.
- Both hilar shadows appear normal.
- Trachea and carina appear normal.
- Heart size within normal limits.
- Both the diaphragms appear normal.
- Soft tissues and Bony cage appear normal.

# **IMPRESSION**

# **\* NO OBVIOUS DETECTABLE ABNORMALITY SEEN**

Dr Raveesh Chandra Roy (MD-Radio)

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Add: 99, Shivaji Nagar Mahmoorganj,Varanasi Ph: 9235447795,0542-3500227 CIN : U85110DL2003PLC308206



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| UHID/MR NO   | : CVAR.0000048439               | Received      | : N/A                  |
| Visit ID     | : CVAR0125012324                | Reported      | : 09/Mar/2024 11:15:50 |
| Ref Doctor   | : Dr.MEDIWHEEL VNS -            | Status        | : Final Report         |
|              |                                 |               |                        |

# DEPARTMENT OF ULTRASOUND

MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

## ULTRASOUND WHOLE ABDOM EN (UPPER & LOWER) \*

# WHOLE ABDOMEN ULTRASONOGRAPHY REPORT

# LIVER

• The liver is measuring **15.0 cm in midclavicular line. Mild diffuse increase in liver echogenicity noted**. No focal lesion is seen.

# PORTAL SYSTEM

- The intra hepatic portal channels are normal.
- Portal vein is (11.0 mm in caliber) not dilated.
- Porta hepatis is normal.

# **BILIARY SYSTEM**

- The intra-hepatic biliary radicles are normal.
- Common bile duct is (4.3 mm in caliber) not dilated.
- The gall bladder is **normal** in size and has regular walls. Lumen of the gall bladder is anechoic.

# PANCREAS

• The pancreas is **normal** in size and shape and has a normal homogenous echotexture. Pancreatic duct is not dilated.

# **KIDNEYS**

# • <u>Right kidney:-</u>

- Right kidney is normal in size, measuring ~ 10.8 x 4.2 cms.
- Cortical echogenicity is normal. Pelvicalyceal system is not dilated.
- Cortico-medullary demarcation is maintained. Parenchymal thickness appear normal.

# • Left kidney:-

- Left kidney is normal in size, measuring ~ 10.3 x 3.6 cms.
- Cortical echogenicity is normal. Pelvicalyceal system is not dilated.
- Cortico-medullary demarcation is maintained. Parenchymal thickness appear normal.

## SPLEEN

• The spleen is normal in size (~ 8.5 cm in its long axis) and has a normal homogenous echo-

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# DEPARTMENT OF ULTRASOUND

#### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

#### texture.

# ILIAC FOSSAE & PERITONEUM

• Scan over the iliac fossae does not reveal any fluid collection or large mass.

# URETERS

- The upper parts of both the ureters are normal.
- Bilateral vesicoureteric junctions are normal.

# URINARY BLADDER

- The urinary bladder is well filled. Bladder wall is normal in thickness and regular.
- Pre-void urine volume is ~ 204 cc.

## PROSTATE

• The prostate gland is normal in size (~ 44 x 26 x 26 mm / 17 gms) and normal in echotexture with smooth outline. No median lobe indentation is seen.

# FINAL IMPRESSION:-

- FATTY LIVER GRADE I.
- REST OF THE ABDOMINAL ORGANS ARE NORMAL.

## Adv: Clinico-pathological-correlation /further evaluation & Follow up

\*\*\* End Of Report \*\*\* (\*\*) Test Performed at Chandan Speciality Lab.

Result/s to Follow:

STOOL, ROUTINE EXAMINATION, SUGAR, PP STAGE, ECG / EKG, Tread Mill Test (TMT)



Raveesh Chandra Roy (MD-Radio)

This report is not for medico legal purpose. If clinical correlation is not established, kindly repeat the test at no additional cost within seven days Facilities: Pathology, Bedside Sample Collection, Health Check-ups, Digital X-Ray, ECG (Bedside also), Allergy Testing, Test And Health Check-ups, Ultrasonography, Sonomammography, Bone Mineral Density (BMD), Doppler Studies, 2D Echo, CT Scan, MRI, Blood Bank, TMT, EEG, PFT, OPG, Endoscopy, Digital Mammography, Electromyography (EMG), Nerve Condition Velocity (NCV), Audiometry, Brainstem Evoked Response Audiometry (BERA), Colonoscopy, Ambulance Services, Online Booking Facilities for Diagnostics, Online Report Viewing 365 Days Open \*Facilities Available at Select Location

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