

Add: Godavari Complex,Near K.V.M Public School Heera Nagar,Haldwani Ph: 7705023379,-CIN : U85110DL2003PLC308206



Patient Name	: Mr.MUKESH CHANDRA PKG10000474	Registered On	: 24/Feb/2024 09:39:21
Age/Gender	: 35 Y 10 M 26 D /M	Collected	: 24/Feb/2024 10:24:18
UHID/MR NO	: CHL2.0000156183	Received	: 24/Feb/2024 12:21:25
Visit ID	: CHL20338452324	Reported	: 24/Feb/2024 16:11:56
Ref Doctor	: Dr.MEDIWHEEL ARCOFEMI HEALTH CARE LTD HLD -	Status	: Final Report

### DEPARTMENT OF HAEM ATOLOGY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
Blood Group (ABO & Rh typing) **	Blood			
Blood Group	В			ERYTHROCYTE MAGNETIZED
				TECHNOLOGY / TUBE
				AGGLUTINA
Rh ( Anti-D)	POSITIVE	<i>,</i>		ERYTHROCYTE
				MAGNETIZED
				TECHNOLOGY / TUBE
				AGGLUTINA
Complete Blood Count (CBC) ** , w	hole Blood			
Haemoglobin	14.80	g/dl	1 Day- 14.5-22.5 g/dl	
Themoglobin	14.00	g/ui	1 Wk- 13.5-19.5 g/dl	
		1 miles	1 Mo- 10.0-18.0 g/dl	
			3-6 Mo- 9.5-13.5 g/dl	
			0.5-2 Yr- 10.5-13.5 g/dl	
			2-6 Yr- 11.5-15.5 g/dl	
			6-12 Yr- 11.5-15.5 g/dl	
			12-18 Yr 13.0-16.0 g/dl	
			Male- 13.5-17.5 g/dl	
	6,900.00	/Cu mm	Female- 12.0-15.5 g/dl 4000-10000	
TLC (WBC) <u>DLC</u>	6,900.00	/Cu mm	4000-10000	ELECTRONIC IMPEDANCE
Polymorphs (Neutrophils )	70.00	%	55-70	ELECTRONIC IMPEDANCE
Lymphocytes	24.00	%	25-40	ELECTRONIC IMPEDANCE
Monocytes	4.00	%	3-5	ELECTRONIC IMPEDANCE
Eosinophils	2.00	%	1-6	ELECTRONIC IMPEDANCE
Basophils	0.00	%	<1	ELECTRONIC IMPEDANCE
ESR				
Observed	20.00	Mm for 1st hr.		
Corrected	18.00	Mm for 1st hr.	<9	
PCV (HCT)	46.00	%	40-54	
Platelet count				
Platelet Count	1.40	LACS/cu mm	1.5-4.0	ELECTRONIC IMPEDANCE/MICROSCOPIC
PDW (Platelet Distribution width)	16.40	fL	9-17	ELECTRONIC IMPEDANCE

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## DEPARTMENT OF HAEM ATOLOGY

#### MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
PCT (Platelet Hematocrit)	0.15	%	0.108-0.282	ELECTRONIC IMPEDANCE
MPV (Mean Platelet Volume)	12.40	fL	6.5-12.0	ELECTRONIC IMPEDANCE
RBC Count				
RBC Count	5.69	Mill./cu mm	4.2-5.5	ELECTRONIC IMPEDANCE
Blood Indices (MCV, MCH, MCHC)				
MCV	82.80	۴I	80-100	CALCULATED PARAMETER
MCH	26.10	pg	28-35	CALCULATED PARAMETER
МСНС	31.50	%	30-38	CALCULATED PARAMETER
RDW-CV	13.50	%	11-16	ELECTRONIC IMPEDANCE
RDW-SD	41.80	fL	35-60	ELECTRONIC IMPEDANCE
Absolute Neutrophils Count	4,830.00	/cu mm	3000-7000	
Absolute Eosinophils Count (AEC)	138.00	/cu mm	40-440	

Dr Vinod Ojha MD Pathologist







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Visit ID	: CHL20338452324	Reported	: 24/Feb/2024 14:32:07
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#### DEPARTMENT OF BIOCHEMISTRY

#### MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

Test Name	Result	Unit	Bio. Ref. Interva	al Method
GLUCOSE FASTING * * , <i>Plasma</i> Glucose Fasting	96.30	1	< 100 Normal L00-125 Pre-diabetes 2 126 Diabetes	GOD POD
<b>Interpretation:</b> a) Kindly correlate clinically with intake of hy b) A negative test result only shows that the p			•	

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 * * Sample:Plasma After Meal	106.30	mg/dl	<140 Normal 140-199 Pre-diabetes	GOD POD
			>200 Diabetes	

#### 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.

GLYCOSYLATED HAEM OGLOBIN (HBA1C) *	*, EDTA BLOOD		
Glycosylated Haemoglobin (HbA1c)	5.60	% NGSP	HPLC (NGSP)
Glycosylated Haemoglobin (HbA1c)	38.00	mmol/mol/IFCC	
Estimated Average Glucose (eAG)	114	mg/dl	

#### Interpretation:

#### <u>NOTE</u>:-

- 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.





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#### DEPARTMENT OF BIOCHEMISTRY

#### MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method	

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.

#### **Clinical Implications:**

\*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

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.

BUN (Blood Urea Nitrogen) ** Sample:Serum	11.68	mg/dL	7.0-23.0	CALCULATED
Creatinine * * Sample:Serum	1.15	mg/dl	0.6-1.30	MODIFIED JAFFES
Uric Acid ** Sample:Serum	5.20	mg/dl	3.4-7.0	URICASE

#### LFT (WITH GAMMA GT) \*\* , Serum

150 9001:2015

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Home Sample Collec



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### DEPARTMENT OF BIOCHEMISTRY

#### MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

Test Name	Result	U	nit Bio. Ref. Interv	al Method
SGOT / Aspartate Aminotransferase (AST)	28.91	U/L	< 35	IFCC WITHOUT P5P
SGPT / Alanine Aminotransferase (ALT)	40.40	U/L	< 40	IFCC WITHOUT P5P
Gamma GT (GGT)	61.90	IU/L	11-50	OPTIMIZED SZAZING
Protein	6.70	gm/dl	6.2-8.0	BIURET
Albumin	4.20	gm/dl	3.4-5.4	B.C.G.
Globulin	2.50	gm/dl	1.8-3.6	CALCULATED
A:G Ratio	1.68	,	1.1-2.0	CALCULATED
Alkaline Phosphatase (Total)	140.40	U/L	42.0-165.0	IFCC METHOD
Bilirubin (Total)	1.10	mg/dl	0.3-1.2	JENDRASSIK & GROF
Bilirubin (Direct)	0.50	mg/dl	< 0.30	JENDRASSIK & GROF
Bilirubin (Indirect)	0.60	mg/dl	< 0.8	JENDRASSIK & GROF
LIPID PROFILE (MINI) ** , Serum				
Cholesterol (Total)	178.99	mg/dl	<200 Desirable 200-239 Borderline High > 240 High	CHOD-PAP
HDL Cholesterol (Good Cholesterol)	68.50	mg/dl	30-70	DIRECT ENZYMATIC
LDL Cholesterol (Bad Cholesterol)	65	mg/dl	< 100 Optimal 100-129 Nr. Optimal/Above Optima 130-159 Borderline High 160-189 High > 190 Very High	
VLDL	45.76	mg/dl	10-33	CALCULATED
Triglycerides	228.80	mg/dl	<ul> <li>&lt; 150 Normal</li> <li>150-199 Borderline High</li> <li>200-499 High</li> <li>&gt;500 Very High</li> </ul>	GPO-PAP

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Dr.Pankaj Punetha DNB(Pathology)

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Age/Gender	: 35 Y 10 M 26 D /M	Collected	: 24/Feb/2024 14:08:32
UHID/MR NO	: CHL2.0000156183	Received	: 24/Feb/2024 14:54:24
Visit ID	: CHL20338452324	Reported	: 24/Feb/2024 18:17:58
Ref Doctor	: Dr.MEDIWHEEL ARCOFEMI HEALTH CARE LTD HLD -	Status	: Final Report

## DEPARTMENT OF CLINICAL PATHOLOGY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
SUGAR, FASTING STAGE ** , Urine				
Sugar, Fasting stage	ABSENT	gms%		
Interpretation:				
$\begin{array}{ll} (+) & < 0.5 \\ (++) & 0.5 - 1.0 \end{array}$				
(+++) 1-2				
(++++) > 2				
SUGAR, PP STAGE ** , Urine				
Sugar, PP Stage	ABSENT			
Interpretation:		18.0		
(+) < 0.5 gms%				
(++) 0.5-1.0 gms%			in the second	
(+++) 1-2 gms%				
(++++) > 2  gms%				

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Visit ID	: CHL20338452324	Reported	: 24/Feb/2024 13:09:46
Ref Doctor	: Dr.MEDIWHEEL ARCOFEMI HEALTH CARE LTD HLD -	Status	: Final Report

#### DEPARTMENT OF IMMUNOLOGY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
THYROID PROFILE - TOTAL ** , Serum				
T3, Total (tri-iodothyronine)	106.90	ng/dl	84.61–201.7	CLIA
T4, Total (Thyroxine)	7.90	ug/dl	3.2-12.6	CLIA
TSH (Thyroid Stimulating Hormone)	2.400	µlU/mL	0.27 - 5.5	CLIA
Interpretation:				
		0.3-4.5 μIU/	mL First Trimester	
		0.5-4.6 μIU/		er
		0.8-5.2 µIU/	mL Third Trimester	

1) Patients having low	15 and 14 levels but high 15H levels s	suffer from primary hypothyroidis	an, cretinism, juvenne myxedema or
autoimmune disorders.			

0.5-8.9

0.7-27

0.7 - 64

1-39

1.7-9.1

µIU/mL

µIU/mL

µIU/mL

µIU/mL

µIU/mL

2.3-13.2 µIU/mL

Adults

Child

Child

Premature

Cord Blood

Child(21 wk - 20 Yrs.)

55-87 Years

0-4 Days

2-20 Week

28-36 Week

> 37Week

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.

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### DEPARTMENT OF X-RAY

### MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

### X-RAY DIGITAL CHEST PA \*

## (500 mA COMPUTERISED UNIT SPOT FILM DEVICE)

## **DIGITAL CHEST P-A VIEW:-**

- Bilateral lung fields appear grossly unremarkable.
- Diaphragmatic shadows are normal on both sides.
- Costo-phrenic angles are bilaterally clear.
- Trachea is central in position.
- Cardiac size & contours are normal.
- Bilateral hilar shadows are normal.
- Pulmonary vascularity & distribution are normal.
- Soft tissue shadow appears normal.

## **IMPRESSION:-**

## No significant abnormality is seen.

## Adv:-Clinico-pathological correlation.









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### DEPARTMENT OF ULTRASOUND

### MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

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

# WHOLE ABDOMEN ULTRASONOGRAPHY REPORT

### LIVER

• The liver is normal in size and **its echogenicity is homogeneously increased.** No focal lesion is seen. (Note: - Small isoechoic focal lesion cannot be ruled out).

### PORTAL SYSTEM

- The intra hepatic portal channels are normal.
- Portal vein is not dilated.
- Porta hepatis is normal.

### **BILIARY SYSTEM**

- The intra-hepatic biliary radicles are normal.
- Common bile duct is not dilated.
- The gall bladder is well distended and has normal wall thickness. Lumen 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, measures ~9.5x4.5cms.
  - Cortical echogenicity is normal.
  - Pelvicalyceal system is not dilated.
  - Cortico-medullary demarcation is maintained.
  - Parenchymal thickness appear normal.

### <u>Left kidney:-</u>

- Left kidney is normal in size, measures ~9.4x4.9cms.
- 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 (~10cms) and has a normal homogenous echo-texture.

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### DEPARTMENT OF ULTRASOUND

#### MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

#### ILIAC FOSSAE & PERITONEUM

- Scan over the iliac fossae does not reveal any fluid collection or large mass.
- No free fluid is noted in peritoneal cavity.

#### URETERS

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

#### URINARY BLADDER

• The urinary bladder is normal. Bladder wall is normal in thickness and is regular.

#### PROSTATE

• The prostate gland is normal in size (~16.9cc in volume) and normal in echotexture with smooth outline. No median lobe indentation is seen.

## FINAL IMPRESSION:-

• Subtle early grade I fatty liver.

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

\*\*\* End Of Report \*\*\*

(\*\*) Test Performed at CHANDAN DIAGNOSTIC CENTRE, HALDWANI-2

Result/s to Follow:

URINE EXAMINATION, ROUTINE, STOOL, ROUTINE EXAMINATION, ECG / EKG



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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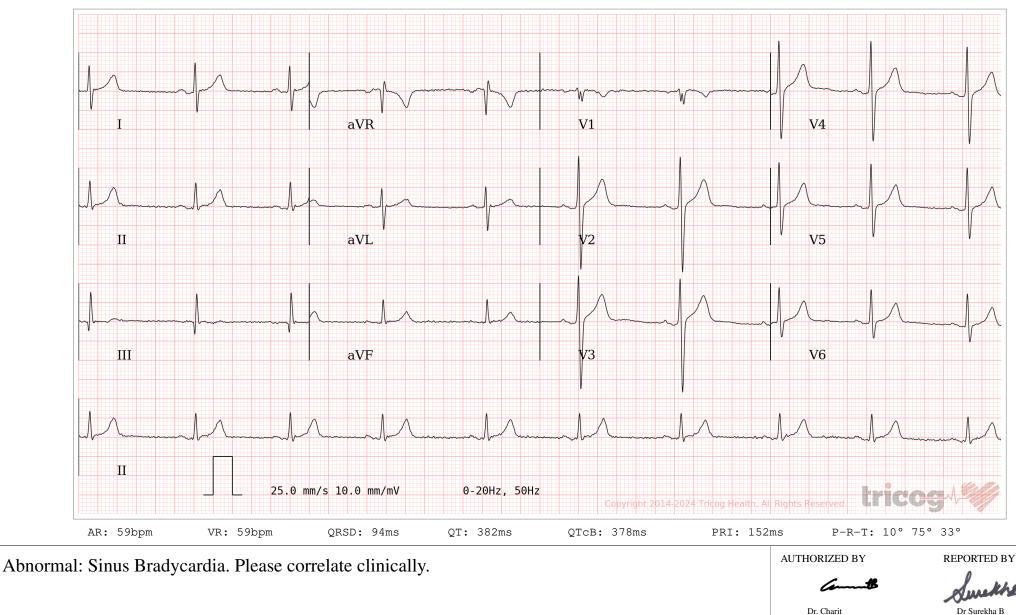




## **Chandan Diagnostic**



Age / Gender:35/MaleDate and Time:24th Feb 24 10:49 AMPatient ID:CHL20338452324Patient Name:Mr.MUKESH CHANDRA PKG10000474



MD, DM: Cardiology

Disclaimer: Analysis in this report is based on ECG alone and should only 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.

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