

Add: Opp. Vishal Megamart,Nainital Road,Haldwani Ph: ,9235400975 CIN : U85110DL2003PLC308206



Patient Name	: Mrs.ganga Devi	Registered On	: 09/Jun/2023 08:26:12
Age/Gender	: 46 Y O M O D /F	Collected	: 09/Jun/2023 08:39:00
UHID/MR NO	: CHLD.0000092397	Received	: 09/Jun/2023 10:08:16
Visit ID	: CHLD0039362324	Reported	: 09/Jun/2023 13:50:32
Ref Doctor	: Dr.MEDIWHEEL ARCOFEMI HEALTH CARE LTD HLD -	Status	: Final Report

DEPARTMENT OF HAEMATOLOGY

MEDIWHEEL BANK OF BARODA FEMALE ABOVE 40 YRS				
Test Name	Result	Unit	Bio. Ref. Interval	Method
Blood Group (ABO & Rh typing) * , Blood				
Blood Group	0			
Rh (Anti-D)	POSITIVE			
Complete Blood Count (CBC) * , Whole Bloc	od			
Haemoglobin	11.40	g/dl	1 Day- 14.5-22.5 g/dl	
		5	1 Wk- 13.5-19.5 g/dl	
			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/d	Sala Berly
		1 Way	12-18 Yr 13.0-16.0	
			g/dl	
			Male- 13.5-17.5 g/dl	
			Female- 12.0-15.5 g/dl	
TLC (WBC) <u>DLC</u>	5,700.00	/Cu mm	4000-10000	ELECTRONIC IMPEDANCE
Polymorphs (Neutrophils)	48.00	%	55-70	ELECTRONIC IMPEDANCE
Lymphocytes	44.00	%	25-40	ELECTRONIC IMPEDANCE
Monocytes	1.00	%	3-5	ELECTRONIC IMPEDANCE
Eosinophils	7.00	%	1-6	ELECTRONIC IMPEDANCE
Basophils	0.00	%	< 1	ELECTRONIC IMPEDANCE
ESR				
Observed	32.00	Mm for 1st hr.		
Corrected	20.00	Mm for 1st hr.	< 20	
PCV (HCT)	36.00	%	40-54	
Platelet count				
Platelet Count	0.79	LACS/cu mm	1.5-4.0	ELECTRONIC IMPEDANCE/MICROSCOPIC
PDW (Platelet Distribution width)	15.60	fL	9-17	ELECTRONIC IMPEDANCE
P-LCR (Platelet Large Cell Ratio)	60.80	%	35-60	ELECTRONIC IMPEDANCE
PCT (Platelet Hematocrit)	0.09	%	0.108-0.282	ELECTRONIC IMPEDANCE
MPV (Mean Platelet Volume) RBC Count	14.30	fL	6.5-12.0	ELECTRONIC IMPEDANCE





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DEPARTMENT OF HAEMATOLOGY

MEDIWHEEL BANK OF BARODA FEMALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
Blood Indices (MCV, MCH, MCHC)				
MCV	85.60	fl	80-100	CALCULATED PARAMETER
MCH	26.80	pg	28-35	CALCULATED PARAMETER
MCHC	31.50	%	30-38	CALCULATED PARAMETER
RDW-CV	15.20	%	11-16	ELECTRONIC IMPEDANCE
RDW-SD	47.70	fL	35-60	ELECTRONIC IMPEDANCE
Absolute Neutrophils Count	2,7 <u>36.00</u>	/cu mm	3000-7000	
Absolute Eosinophils Count (AEC)	399.00	/cu mm	40-440	

Dr Vinod Ojha MD Pathologist





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Visit ID	: CHLD0039362324	Reported	: 09/Jun/2023 11:35:55
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DEPARTMENT OF BIOCHEMISTRY

MEDIWHEEL BANK OF BARODA FEMALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interva	al Method
GLUCOSE FASTING, Plasma Glucose Fasting	117.40	10	100 Normal 00-125 Pre-diabetes 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 Sample:Plasma After Meal	175.50	mg/dl	<140 Normal 140-199 Pre-diabetes >200 Diabetes	GOD POD
			200 Blabotos	

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 Haemoglobin (HbA1c)	6.90	% NGSP	HPLC (NGSP)
Glycosylated Haemoglobin (HbA1c)	52.00	mmol/mol/IFCC	
Estimated Average Glucose (eAG)	152	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.





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MEDIWHEEL BANK OF BARODA FEMALE ABOVE 40 YRS

Test Name Result	Unit Bio. Ref. Interval Method	
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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)	Degree of Glucose Control Unit
> 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 G8 90 SL TOSOH 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	12.62	mg/dL	7.0-23.0	CALCULATED
Creatinine Sample:Serum	0.75	mg/dl	Serum 0.5-1.2 Spot Urine-Male- 20- 275 Female-20-320	MODIFIED JAFFES
Uric Acid Sample:Serum	5.89	mg/dl	2.5-6.0	URICASE





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DEPARTMENT OF BIOCHEMISTRY

Test Name	Result		Unit	Bio. Ref. Interva	al Method
LFT (WITH GAMMA GT) * , Serum					
SGOT / Aspartate Aminotransferase (AST)	42.02	U/L	< 35		IFCC WITHOUT P5P
SGPT / Alanine Aminotransferase (ALT)	72.60	U/L	< 40		IFCC WITHOUT P5P
Gamma GT (GGT)	22.90	IU/L	11-50)	OPTIMIZED SZAZING
Protein	6.65	gm/dl	6.2-8	.0	BIRUET
Albumin	4.03	gm/dl	3.8-5	.4	B.C.G.
Globulin	2.62	gm/dl	1.8-3		CALCULATED
A:G Ratio	1.54		1.1-2	.0	CALCULATED
Alkaline Phosphatase (Total)	141.83	U/L	42.0-	165.0	IFCC METHOD
Bilirubin (Total)	0.50	mg/dl	0.3-1	.2	JENDRASSIK & GROF
Bilirubin (Direct)	0.21	mg/dl	< 0.30)	JENDRASSIK & GROF
Bilirubin (Indirect)	0.29	mg/dl	< 0.8		JENDRASSIK & GROF
LIPID PROFILE (MINI), Serum					
Cholesterol (Total)	186.00	mg/dl		Desirable 39 Borderline High High	CHOD-PAP
HDL Cholesterol (Good Cholesterol)	42.40	mg/dl	30-70		DIRECT ENZYMATIC
LDL Cholesterol (Bad Cholesterol)	124	mg/dl	100-1 Optim	Optimal 29 Nr. hal/Above Optimal 59 Borderline High	
Р			160-1 > 190	89 High Very High	
VLDL	19.78	mg/dl	10-33	}	CALCULATED
Triglycerides	98.90	mg/dl	150-1 200-4	Normal 99 Borderline High 99 High Very High	GPO-PAP 1

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DEPARTMENT OF CLINICAL PATHOLOGY

MEDIWHEEL BANK OF BARODA FEMALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
JRINE EXAMINATION, ROUTINE *	, Urine			
Color	PALE YELLOW			
Specific Gravity	1.020			
Reaction PH	Acidic (6.0)			DIPSTICK
Protein	ABSENT	mg %	< 10 Absent	DIPSTICK
		, 3	10-40 (+)	
			40-200 (++)	
			200-500 (+++)	
			> 500 (++++)	
Sugar	ABSENT	gms%	< 0.5 (+)	DIPSTICK
			0.5-1.0 (++)	
			1-2 (+++)	
Ketone	ABSENT	ma/dl	> 2 (++++) 0.2-2.81	BIOCHEMISTRY
Bile Salts	ABSENT	mg/dl	0.2-2.01	DIOCHEIVIISTRY
	ABSENT			
Bile Pigments Urobilinogen(1:20 dilution)	ABSENT			
Microscopic Examination:	ADJEINI		and a state of the	
Epithelial cells	OCCASIONAL			MICROSCOPIC
Deve ex lle				EXAMINATION
Pus cells	OCCASIONAL			
RBCs	ABSENT			MICROSCOPIC EXAMINATION
Cast	ABSENT			EXAMINATION
	ABSENT			MICROSCOPIC
Crystals	ADJEINI			EXAMINATION
Others	ABSENT			
UGAR, FASTING STAGE * , Urine				
Sugar, Fasting stage	ABSENT	gms%		
Intermetations				

Interpretation:

 $\begin{array}{ll} (+) & < 0.5 \\ (++) & 0.5\text{-}1.0 \\ (+++) & 1\text{-}2 \\ (++++) & > 2 \end{array}$

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DEPARTMENT OF CLINICAL PATHOLOGY

MEDIWHEEL BANK OF BARODA FEMALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
SUGAR, PP STAGE * , Urine				
Sugar, PP Stage	ABSENT			
Interpretation:				
(+) < 0.5 gms%				
(++) 0.5-1.0 gms%				
(+++) 1-2 gms%				
(++++) > 2 gms%				

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DEPARTMENT OF IMMUNOLOGY

MEDIWHEEL BANK OF BARODA FEMALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method	
THYROID PROFILE - TOTAL * , Serum					
T3, Total (tri-iodothyronine)	111.10	ng/dl	84.61-201.7	CLIA	
T4, Total (Thyroxine)	7.80	ug/dl	3.2-12.6	CLIA	
TSH (Thyroid Stimulating Hormone)	7.20	μIU/mL	0.27 - 5.5	CLIA	
Interpretation					

Interpretation:

0.3-4.5	µIU/mL	First Trimester
0.5-4.6	µIU/mL	Second Trimester
0.8-5.2	µIU/mL	Third Trimester
0.5-8.9	µIU/mL	Adults 55-87 Years
0.7-27	µIU/mL	Premature 28-36 Week
2.3-13.2	µIU/mL	Cord Blood > 37Week
0.7-64	µIU/mL	Child(21 wk - 20 Yrs.)
1-39	µIU/mL	Child 0-4 Days
1.7-9.1	µIU/mL	Child 2-20 Week

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

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 FEMALE ABOVE 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.
- Bony cage is normal.

IMPRESSION:-

No significant abnormality is seen.

Adv:-Clinico-pathological correlation.

Dr Sushil Pandey(MD Radiodignosis)

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DEPARTMENT OF ULTRASOUND

MEDIWHEEL BANK OF BARODA FEMALE ABOVE 40 YRS

ULTRASOUND WHOLE ABDOMEN (UPPER & LOWER) *

ULTRASOUND WHOLE ABDOMEN

LIVER: Is enlarged in size(~17.3cms) & shows raised echogenicity. No SOL seen. No dilatation of IHBR seen. Hepatic vessels are normal. Portal vein is patent.

GALL BLADDER: Is not visualized---H/o cholecystectomy.

<u>CBD</u>: Normal in caliber and smoothly tapering towards its lower end.

PANCREAS: Normal in size and echotexture.

<u>SPLEEN:</u> Normal in size and echotexture.

KIDNEYS:-

Right kidney is normal in size, shape and echotexture with maintained CM differentiation. No dilatation of PC system is seen. No calculus seen.

Left kidney is normal in size, shape and echotexture with maintained CM differentiation. No dilatation of PC system is seen. No calculus seen.

URINARY BLADDER: Normal capacity bladder with anechoic lumen and smooth regular walls of normal thickness.

UTERUS :

• Uterus is not visualized---H/o hysterectomy.

ADNEXA:

- No adnexal mass/ cyst seen.
- No free fluid is seen in POD.

No evidence of any free fluid/retroperitoneal lymphadenopathy.



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<u>IMPRESSION:-</u> Hepatomegaly with fatty liver grade II.

*** End Of Report ***

Result/s to Follow: STOOL, ROUTINE EXAMINATION, ECG / EKG, Tread Mill Test (TMT), PAP SMEAR FOR CYTOLOGICAL EXAMINATION



Dr Sushil Pandey(MD Radiodignosis)

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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