Name	: Ms. DEEPAVATHI SUKAN BAI	(A
PID No.	: MED121726918	Register On : 11/03/2023 9:05 AM
SID No.	: 522303725	Collection On : 11/03/2023 10:08 AM
Age / Sex	: 31 Year(s) / Female	Report On : 11/03/2023 6:19 PM
Туре	: OP	Printed On : 13/03/2023 9:11 AM
Ref. Dr	: MediWheel	

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> Reference Interval
HAEMATOLOGY			
Complete Blood Count With - ESR			
Haemoglobin (EDTA Blood/Spectrophotometry)	12.7	g/dL	12.5 - 16.0
Packed Cell Volume(PCV)/Haematocrit (EDTA Blood)	40.4	%	37 - 47
RBC Count (EDTA Blood)	4.64	mill/cu.mm	4.2 - 5.4
Mean Corpuscular Volume(MCV) (EDTA Blood)	86.9	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (EDTA Blood)	27.4	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (EDTA Blood)	31.5	g/dL	32 - 36
RDW-CV	15.2	%	11.5 - 16.0
RDW-SD	46.23	fL	39 - 46
Total Leukocyte Count (TC) (EDTA Blood)	6800	cells/cu.mm	4000 - 11000
Neutrophils (Blood)	40.9	%	40 - 75
Lymphocytes (Blood)	45.0	%	20 - 45
Eosinophils (Blood)	6.1	%	01 - 06
Monocytes (Blood)	7.1	%	01 - 10





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Ref. Dr	:	MediWheel
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Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	Biological Reference Interval
Basophils (Blood)	0.9	%	00 - 02
INTERPRETATION: Tests done on Automated Five	Part cell counter. All	abnormal results are re	eviewed and confirmed microscopically.
Absolute Neutrophil count (EDTA Blood)	2.78	10^3 / µl	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood)	3.06	10^3 / µl	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood)	0.41	10^3 / µl	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood)	0.48	10^3 / µl	< 1.0
Absolute Basophil count (EDTA Blood)	0.06	10^3 / µl	< 0.2
Platelet Count (EDTA Blood)	264	10^3 / µl	150 - 450
MPV (Blood)	8.4	fL	8.0 - 13.3
PCT (Automated Blood cell Counter)	0.22	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Citrated Blood)	14	mm/hr	< 20





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Rof Dr	. MadiWhaal	

Ref. Dr	: Mediwheel	
Investig	gation	<u>Observed</u> <u>Value</u>

BIOCHEMISTRY

Liver Function Test

<u>Liver 1 unction 1 (st</u>			
Bilirubin(Total) (Serum/DCA with ATCS)	0.32	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.12	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.20	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase) (Serum/ <i>Modified IFCC</i>)	18.40	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/ <i>Modified IFCC</i>)	25.76	U/L	5 - 41
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	16.82	U/L	< 38
Alkaline Phosphatase (SAP) (Serum/ <i>Modified IFCC</i>)	67.4	U/L	42 - 98
Total Protein (Serum/Biuret)	7.03	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	4.17	gm/dl	3.5 - 5.2
Globulin (Serum/Derived)	2.86	gm/dL	2.3 - 3.6
A : G RATIO	1.46		1.1 - 2.2

<u>Unit</u>

(Serum/Derived)





Biological Reference Interval

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Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	Biological Reference Interval
Lipid Profile			
Cholesterol Total (Serum/CHOD-PAP with ATCS)	151.23	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	87.31	mg/dL	Optimal: < 150 Borderline: 150 - 199 High: 200 - 499 Very High: >= 500

INTERPRETATION: The reference ranges are based on fasting condition. Triglyceride levels change drastically in response to food, increasing as much as 5 to 10 times the fasting levels, just a few hours after eating. Fasting triglyceride levels show considerable diurnal variation too. There is evidence recommending triglycerides estimation in non-fasting condition for evaluating the risk of heart disease and screening for metabolic syndrome, as non-fasting sample is more representative of the `usual_circulating level of triglycerides during most part of the day.

HDL Cholesterol (Serum/Immunoinhibition)	31.54	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 50 - 59 High Risk: < 50
LDL Cholesterol (Serum/ <i>Calculated</i>)	102.2	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >=190
VLDL Cholesterol (Serum/Calculated)	17.5	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	119.7	mg/dL	Optimal: < 130 Above Optimal: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very High: >= 220

INTERPRETATION: 1.Non-HDL Cholesterol is now proven to be a better cardiovascular risk marker than LDL Cholesterol. 2.It is the sum of all potentially atherogenic proteins including LDL, IDL, VLDL and chylomicrons and it is the "new bad cholesterol" and is a co-primary target for cholesterol lowering therapy.





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Туре	: OP	Printed On : 13/03/2023 9:11 AM
Ref. Dr	: MediWheel	

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> Reference Interval
Total Cholesterol/HDL Cholesterol Ratio (Serum/ <i>Calculated</i>)	4.8		Optimal: < 3.3 Low Risk: 3.4 - 4.4 Average Risk: 4.5 - 7.1 Moderate Risk: 7.2 - 11.0 High Risk: > 11.0
Triglyceride/HDL Cholesterol Ratio (TG/HDL) (Serum/ <i>Calculated</i>)	2.8		Optimal: < 2.5 Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0
LDL/HDL Cholesterol Ratio (Serum/Calculated)	3.2		Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0 High Risk: > 6.0





Name	: Ms. DEEPAVATHI SUKANY BAI	A			
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Age / Sex	: 31 Year(s) / Female	Report On	: 11/03/20	23 6:19 PM	
Туре	: OP	Printed On	: 13/03/202	23 9:11 AM	
Ref. Dr	: MediWheel				
<u>Investiga</u> <u>Glycosyla</u>	ation ated Haemoglobin (HbA1c)		<u>erved</u> alue	<u>Unit</u>	<u>Biological</u> Reference Interval
-	ated Haemoglobin (HbA1c)	Va		<u>Unit</u> %	

Estimated Average Glucose 114.02

(Whole Blood)

INTERPRETATION: Comments

HbA1c provides an index of Average Blood Glucose levels over the past 8 - 12 weeks and is a much better indicator of long term glycemic control as compared to blood and urinary glucose determinations.

mg/dL

Conditions that prolong RBC life span like Iron deficiency anemia, Vitamin B12 & Folate deficiency,

hypertriglyceridemia,hyperbilirubinemia,Drugs, Alcohol, Lead Poisoning, Asplenia can give falsely elevated HbA1C values. Conditions that shorten RBC survival like acute or chronic blood loss, hemolytic anemia, Hemoglobinopathies, Splenomegaly,Vitamin E ingestion, Pregnancy, End stage Renal disease can cause falsely low HbA1c.



CONSULTANT BIOCHEMIST Reg No : 78771

APPROVED BY

Name	: Ms. DEEPAVATHI SUKAN BAI	YA		
PID No.	: MED121726918	Register On : 11	/03/2023 9:05 AM	
SID No.	: 522303725	Collection On : 1	/03/2023 10:08 AM	
Age / Sex	: 31 Year(s) / Female	Report On : 1	1/03/2023 6:19 PM	
Туре	: OP	Printed On : 13	3/03/2023 9:11 AM	
Ref. Dr	: MediWheel			
Investiga	ation	<u>Observed</u> <u>Value</u>	<u>d Unit</u>	Biological Reference Interval
<u>THYRO</u>	J NOASSAY ID PROFILE / TFT odothyronine) - Total	1.46	ng/ml	0.7 - 2.04
(Serum/EC INTERPE Comment	<i>LIA)</i> RETATION: : ariation can be seen in other condit		-	cases, Free T3 is recommended as it is
T4 (Tyro (Serum/EC	oxine) - Total CLIA)	8.59	µg/dl	4.2 - 12.0
Comment Total T4 v		on like pregnancy, drugs,	nephrosis etc. In such c	cases, Free T4 is recommended as it is
TSH (Th (Serum/EC	yroid Stimulating Hormone)	1.65	µIU/mL	0.35 - 5.50
Reference 1 st trimes 2 nd trimes 3 rd trimes (Indian Th Comment 1.TSH refe 2.TSH Lev of the orde	erence range during pregnancy dep	n, reaching peak levels be influence on the measure	etween 2-4am and at a n d serum TSH concentra	

3. Values&lt,0.03 µIU/mL need to be clinically correlated due to presence of rare TSH variant in some individuals.





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Ref. Dr	: MediWheel		
Investiga	ation	<u>Observed</u> <u>Unit</u> <u>Value</u>	<u>Biological</u> <u>Reference Interval</u>
<u>CLIN</u>	ICAL PATHOLOGY	Y	
<u>PHYSIC</u> COMPL	CAL EXAMINATION (URI ETE)	<u>INE</u>	
Colour (Urine)		Pale yellow	Yellow to Amber
Appeara (Urine)	nce	Clear	Clear
Volume((Urine)	(CLU)	40	
<u>CHEMI</u> COMPL	CAL EXAMINATION (UK ETE)	<u>RINE</u>	
pH (Urine)		5.5	4.5 - 8.0
Specific (Urine)	Gravity	1.007	1.002 - 1.035
Ketone (Urine)		Negative	Negative
Urobilin (Urine)	ogen	Normal	Normal
Blood (Urine)		Negative	Negative
Nitrite (Urine)		Negative	Negative
Bilirubin (Urine)	1	Negative	Negative
Protein (Urine)		Negative	Negative

Negative



Negative

The results pertain to sample tested.

Glucose

(Urine/GOD - POD)

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Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> Reference Interval
Leukocytes(CP) (Urine)	Negative		
<u>MICROSCOPIC EXAMINATION</u> (URINE COMPLETE)			
Pus Cells (Urine)	0-1	/hpf	NIL
Epithelial Cells (Urine)	0-1	/hpf	NIL
RBCs (Urine)	NIL	/HPF	NIL
Others (Urine)	NIL		

INTERPRETATION: Note: Done with Automated Urine Analyser & Automated urine sedimentation analyser. All abnormal reports are reviewed and confirmed microscopically.



Dr Anusha.K.S Sr.Consultant Pathologist Reg No : 100674 APPROVED BY

Name	: Ms. DEEPAVATHI SUKANYA BAI	
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Investigation

<u>Observed</u> <u>Value</u> <u>Unit</u>

<u>Biological</u> Reference Interval

IMMUNOHAEMATOLOGY

BLOOD GROUPING AND Rh TYPING (EDTA Blood/Agglutination)

'O' 'Positive'

INTERPRETATION: Note: Slide method is screening method. Kindly confirm with Tube method for transfusion.





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Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
BIOCHEMISTRY			
BUN / Creatinine Ratio	9.8		6.0 - 22.0
Glucose Fasting (FBS) (Plasma - F/GOD-PAP)	89.39	mg/dL	Normal: < 100 Pre Diabetic: 100 - 125 Diabetic: >= 126

INTERPRETATION: Factors such as type, quantity and time of food intake, Physical activity, Psychological stress, and drugs can influence blood glucose level.

Glucose, Fasting (Urine) (Urine - F/GOD - POD)	Negative		Negative
Glucose Postprandial (PPBS) (Plasma - PP/GOD-PAP)	89.31	mg/dL	70 - 140

INTERPRETATION:

Factors such as type, quantity and time of food intake, Physical activity, Psychological stress, and drugs can influence blood glucose level. Fasting blood glucose level may be higher than Postprandial glucose, because of physiological surge in Postprandial Insulin secretion, Insulin resistance, Exercise or Stress, Dawn Phenomenon, Somogyi Phenomenon, Anti- diabetic medication during treatment for Diabetes.

Blood Urea Nitrogen (BUN)	7.7	mg/dL	7.0 - 21
(Serum/Urease UV / derived)			
Creatinine	0.78	mg/dL	0.6 - 1.1

(Serum/Modified Jaffe)

INTERPRETATION: Elevated Creatinine values are encountered in increased muscle mass, severe dehydration, Pre-eclampsia, increased ingestion of cooked meat, consuming Protein/ Creatine supplements, Diabetic Ketoacidosis, prolonged fasting, renal dysfunction and drugs such as cefoxitin ,cefazolin, ACE inhibitors ,angiotensin II receptor antagonists,N-acetylcyteine , chemotherapeutic agent such as flucytosine etc.

Uric Acid	5.75	mg/dL	2.6 - 6.0
(Serum/Enzymatic)			





APPROVED BY

-- End of Report --

Name	MS.DEEPAVATHI SUKANYA BAI	ID	MED121726918
Age & Gender	31Y/FEMALE	Visit Date	11 Mar 2023
Ref Doctor Name	MediWheel		

ABDOMINO-PELVIC ULTRASONOGRAPHY

LIVER is normal in shape, size (12.7cms) and has increased echogenicity. No evidence of focal lesion or intrahepatic biliary ductal dilatation. Hepatic and portal vein radicals are normal.

GALL BLADDER partially distended, shows calculus measuring 9.7mm. No pericholecystic fluid. No wall thickening.

CBD is of normal calibre.

PANCREAS has normal shape, size and uniform echopattern. No evidence of ductal dilatation or calcification.

SPLEEN show normal shape, size and echopattern.

BOTH KIDNEYS

Right kidney: Normal in shape, size and echopattern. Cortico-medullary differentiation is well madeout. No evidence of calculus or hydronephrosis.

Left kidney: Normal in shape, size and echopattern. Cortico-medullary differentiation is well madeout. No evidence of calculus or hydronephrosis.

The kidney measures as follows:

•	Bipolar length (cms)	Parenchymal thickness (cms)
Right Kidney	10.7	1.2
Left Kidney	11.1	1.2

URINARY BLADDER show normal shape and wall thickness. It has clear contents. No evidence of diverticula.

UTERUS is anteverted, bulky and heterogeneous predominantly hyper echoic involving in the anterior wall.

Endometrial echo is of normal thickness - 7.7mm. Uterus measures LS: 7.0cms AP: 4.0cms TS: 5.8cms.

OVARIES are bulky and show multiple tiny peripherally arranged follicles with central echogenic stroma.

Right ovary measures 4.1 x 4.2 x 1.8cms, volume 17.2cc. Left ovary measures 3.6 x 2.1 x 3.9cms, volume 14.2cc.

POD & adnexa are free. No evidence of ascites.

IMPRESSION:

• Grade I fatty infiltration of liver.

Name	MS.DEEPAVATHI SUKANYA BAI	ID	MED121726918
Age & Gender	31Y/FEMALE	Visit Date	11 Mar 2023
Ref Doctor Name	MediWheel		

- Anterior wall focal uterine adenomyosis.Morphological features of polycystic ovaries.

*Suggested correlation with hormonal assay.

DR. HEMANANDINI V.N CONSULTANT RADIOLOGIST Hn/Lr

Name	MS.DEEPAVATHI SUKANYA BAI	ID	MED121726918
Age & Gender	31Y/FEMALE	Visit Date	11 Mar 2023
Ref Doctor Name	MediWheel		

2D ECHOCARDIOGRAPHIC STUDY

M-mode measurement:

AORTA	:	2.62	cms.
LEFT ATRIUM	:	2.70	cms.
AVS LEFT VENTRICLE	:	1.47	cms.
(DIASTOLE)	:	3.97	cms.
(SYSTOLE)	:	2.55	cms.
VENTRICULAR SEPTUM (DIASTOLE) (SYSTOLE)	:	1.04 1.27	cms. cms.
POSTERIOR WALL	:		
(DIASTOLE)	:	1.43	cms.
(SYSTOLE)	:	1.62	cms.
EDV	:	68	ml.
ESV	:	23	ml.
FRACTIONAL SHORTENING	:	35	%
EJECTION FRACTION	:	60	%
EPSS	:		cms.
RVID	:	1.80	cms.

DOPPLER MEASUREMENTS:

MITRAL VALVE:	E - 0.8 m/s	A - 0.6 m/s	NO MR.
AORTIC VALVE:	1.1 m/s		NO AR.
TRICUSPID VALVE: E -	0.4 m/s A - 0.	3 m/s	NO TR.
PULMONARY VALVE:	0.8 m/s		NO PR.

Name	MS.DEEPAVATHI SUKANYA BAI	ID	MED121726918
Age & Gender	31Y/FEMALE	Visit Date	11 Mar 2023
Ref Doctor Name	MediWheel		

2D ECHOCARDIOGRAPHY FINDINGS:

Left Ventricle	:	Normal size, Normal systolic function.
: No regional wall mot	ion abn	ormalities.
Left Atrium	:	Normal.
Right Ventricle :	Norma	al.
Right Atrium	:	Normal.
Mitral Valve	:	Normal. No mitral valve prolapsed.
Aortic Valve	:	Normal.Trileaflet.
Tricuspid Valve	:	Normal.
Pulmonary Valve	:	Normal.
IAS	:	Intact.
IVS	:	Intact.
Pericardium	:	No pericardial effusion.

IMPRESSION:

• NORMAL SIZED CARDIAC CHAMBERS.

• NORMAL LV SYSTOLIC FUNCTION. EF: 60 %.

- NO REGIONAL WALL MOTION ABNORMALITIES.
- NORMAL VALVES.
- NO CLOTS / PERICARDIAL EFFUSION / VEGETATION.

Name	MS.DEEPAVATHI SUKANYA BAI	ID	MED121726918
Age & Gender	31Y/FEMALE	Visit Date	11 Mar 2023
Ref Doctor Name	MediWheel		

DR. YASHODA RAVI CONSULTANT CARDIOLOGIST

Name	DEEPAVATHI SUKANYA BAI	Customer ID	MED121726918
Age & Gender	31Y/F	Visit Date	Mar 11 2023 9:05AM
Ref Doctor	MediWheel		

X - RAY CHEST PA VIEW

Bilateral lung fields appear normal.

Cardiac size is within normal limits.

Bilateral hilar regions appear normal.

Bilateral domes of diaphragm and costophrenic angles are normal.

Visualised bones and soft tissues appear normal.

<u>Impression</u>: No significant abnormality detected.

Kamel G.

DR.G KAMESH CONSULTANT RADIOLOGIST

Patient Name	Deepavati.	Date	11/3/23
Age	31485	Visit Number	
Sex	Female	Corporate	

GENERAL PHYSICAL EXAMINATION

Identification Mark :			
Height: 150	cms		
Weight: 70,6kg	kgs		
Weight: 70,6kg Pulse: 726/m.	/minute		
Blood Pressure : 100/201	ereittg mm of Hg		
вмі : Зіц	0		
BMI INTERPRETATION Underweight = <18.5 Normal weight = 18.5- Overweight = 25-29.9	24.9		
Chest :			
Expiration : 82	cms		
Inspiration : 8 8	cms		
Abdomen Measurement :	3 O cms		
Eyes : NAD	Ears : NAD		
Throat : NAD	Neck nodes : NO PC	alpable, notender	
RS: BLL NVBS	cus: 51 52 Sou	SI SE Sounde clease, no musuus NAD. Koundy	
PA: Softende	CNS: NAD.	Sound	
V ,	/ Her general physical examination i	is within normal limits.	
NOTE : MEDICAL FIT FOR EMP	LOYMENT YES / NO		

Þ

Signature Dr. RITESH RAJ, MBBS General Physician & Diabetologist KMC Reg. No. 85875

