Name	: Mrs. CHAITHRA M	
PID No.	: MED122291814	Register On : 23/11/2023 9:52 AM
SID No.	: 522318169	Collection On : 23/11/2023 11:53 AM
Age / Sex	: 30 Year(s) / Female	Report On : 24/11/2023 7:06 PM
Туре	: OP	Printed On : 25/01/2024 9:03 AM
Ref. Dr	: MediWheel	

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	Biological Reference Interval
BLOOD GROUPING AND Rh TYPING (EDTA Blood'Agglutination)	'B' 'Positive'		
INTERPRETATION: Note: Slide method is scree	ening method. Kind	ly confirm with Tube method fo	or transfusion.
Complete Blood Count With - ESR			
Haemoglobin (EDTA Blood'Spectrophotometry)	15.2	g/dL	12.5 - 16.0
Packed Cell Volume(PCV)/Haematocrit (EDTA Blood)	45.7	%	37 - 47
RBC Count (EDTA Blood)	4.82	mill/cu.mm	4.2 - 5.4
Mean Corpuscular Volume(MCV) (EDTA Blood)	94.8	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (EDTA Blood)	31.6	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (EDTA Blood)	33.3	g/dL	32 - 36
RDW-CV	15.1	%	11.5 - 16.0
RDW-SD	50.10	fL	39 - 46
Total Leukocyte Count (TC) (EDTA Blood)	7100	cells/cu.mm	4000 - 11000
Neutrophils (Blood)	59.4	%	40 - 75
Lymphocytes (Blood)	31.9	%	20 - 45
Eosinophils (Blood)	0.8	%	01 - 06







The results pertain to sample tested.

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Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	Biological Reference Interval
Monocytes (Blood)	7.6	%	01 - 10
Basophils (Blood)	0.3	%	00 - 02
INTERPRETATION: Tests done on Automated	l Five Part cell count	er. All abnormal results	are reviewed and confirmed microscopically.
Absolute Neutrophil count (EDTA Blood)	4.22	10^3 / µl	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood)	2.26	10^3 / µl	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood)	0.06	10^3 / µl	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood)	0.54	10^3 / µl	< 1.0
Absolute Basophil count (EDTA Blood)	0.02	10^3 / µl	< 0.2
Platelet Count (EDTA Blood)	262	10^3 / µl	150 - 450
MPV (Blood)	9.2	fL	8.0 - 13.3
PCT (Automated Blood cell Counter)	0.24	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Citrated Blood)	8	mm/hr	< 20
Glucose Fasting (FBS) (Plasma - F/GOD-PAP)	82.46	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







Dr.Arjun CP Dr.Arjun CP Reg No KARC \$9655 APPROVED BY

The results pertain to sample tested.

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Ref. Dr	: MediWheel	

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	Biological Reference Interval
Glucose Postprandial (PPBS)	91.31	mg/dL	70 - 140

(Plasma - PP/GOD-PAP) 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.

Urine Glucose(PP-2 hours)	Negative		Negative
(Urine - PP)			
Blood Urea Nitrogen (BUN) (Serum/Urease UV/derived)	5.9	mg/dL	7.0 - 21
Creatinine (Serum/ <i>Modified Jaffe</i>)	0.49	mg/dL	0.6 - 1.1

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 (Serum/ <i>Enzymatic</i>)	3.69	mg/dL	2.6 - 6.0
Liver Function Test			
Bilirubin(Total) (Serum/DCA with ATCS)	0.97	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.26	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.71	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase) (Serum/ <i>Modified IFCC</i>)	17.14	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/ <i>Modified IFCC</i>)	8.13	U/L	5 - 41







The results pertain to sample tested.

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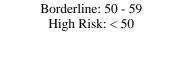
Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	Biological Reference Interval
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	22.40	U/L	< 38
Alkaline Phosphatase (SAP) (Serum/Modified IFCC)	71.6	U/L	42 - 98
Total Protein (Serum/Biuret)	6.87	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	4.36	gm/dl	3.5 - 5.2
Globulin (Serum/Derived)	2.51	gm/dL	2.3 - 3.6
A : G RATIO (Serum/Derived)	1.74		1.1 - 2.2
Lipid Profile			
Cholesterol Total (Serum/CHOD-PAP with ATCS)	139.37	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	166.02	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 õusualö" circulating level of triglycerides during most part of the day.

HDL Cholesterol	30.92	mg/dL	Optimal(Negative Risk Factor): >=
(Serum/Immunoinhibition)			60
			Borderline: 50 - 59
			High Risk: < 50
			-









The results pertain to sample tested.

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Name	: Mrs. CHAITHRA M	
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Туре	: OP	Printed On : 25/01/2024 9:03 AM
Ref. Dr	: MediWheel	

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
LDL Cholesterol (Serum/ <i>Calculated</i>)	75.3	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	33.2	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	108.5	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.

Total Cholesterol/HDL Cholesterol Ratio (Serum/ <i>Calculated</i>)	4.5	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>)	5.4	Optimal: < 2.5 Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0
LDL/HDL Cholesterol Ratio (Serum/Calculated)	2.4	Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0 High Risk: > 6.0

Glycosylated Haemoglobin (HbA1c)







The results pertain to sample tested.

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Name	: Mrs. CHAITHRA M			
PID No.	: MED122291814	Register On :	23/11/2023 9:52 AM	
SID No.	: 522318169	Collection On :	23/11/2023 11:53 AM	
Age / Sex	: 30 Year(s) / Female	Report On :	24/11/2023 7:06 PM	
Туре	: OP	-	25/01/2024 9:03 AM	
Ref. Dr	: MediWheel			
<u>Investiga</u>	<u>tion</u>	<u>Observed</u> <u>Value</u>	<u>Unit</u>	Biological Reference Interval
HbA1C (Whole Blo	ood/HPLC)	5.7	%	Normal: 4.5 - 5.6 Prediabetes: 5.7 - 6.4 Diabetic: >= 6.5
INTERPR	ETATION: If Diabetes - Good cont	trol : 6.1 - 7.0 % , Fair	r control : 7.1 - 8.0 % , Po	oor control $>= 8.1$ %
	d Average Glucose	116.89	mg/dL	
HbA1c pro control as a Conditions hypertrigly Conditions ingestion, l	compared to blood and urinary gluco that prolong RBC life span like Iror cceridemia,hyperbilirubinemia,Drugs that shorten RBC survival like acute Pregnancy, End stage Renal disease	ose determinations. h deficiency anemia, V s, Alcohol, Lead Poisc e or chronic blood los	- Vitamin B12 & Folate def oning, Asplenia can give f s, hemolytic anemia, Hen	
<u>THYROI</u>	<u>D PROFILE / TFT</u>			
T3 (Triio (Serum/EC	dothyronine) - Total LIA)	1.65	ng/ml	0.7 - 2.04
Comment	ariation can be seen in other conditio	n like pregnancy, dru	gs, nephrosis etc. In such	cases, Free T3 is recommended as it is
T4 (Tyroz (Serum/EC	xine) - Total LIA)	5.83	µg/dl	4.2 - 12.0
Comment	ariation can be seen in other conditio	n like pregnancy, dru	gs, nephrosis etc. In such	cases, Free T4 is recommended as it is
TSH (The contract of the contr	yroid Stimulating Hormone)	1.61	µIU/mL	0.35 - 5.50
	(MC-5606		APPROVED BY

The results pertain to sample tested.

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SID No.	: 522318169	Collection On	: 23/11/2023 11:53 AM
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Туре	: OP	Printed On	: 25/01/2024 9:03 AM
Ref. Dr	: MediWheel		

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	Biological Reference Interval
INTERPRETATION:			
Reference range for cord blood - upto 20			

1 st trimester: 0.1-2.5 2 nd trimester 0.2-3.0 3 rd trimester : 0.3-3.0 (Indian Thyroid Society Guidelines) **Comment :**

1.TSH reference range during pregnancy depends on Iodine intake, TPO status, Serum HCG concentration, race, Ethnicity and BMI. 2.TSH Levels are subject to circadian variation, reaching peak levels between 2-4am and at a minimum between 6-10PM.The variation can be of the order of 50%, hence time of the day has influence on the measured serum TSH concentrations.

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

<u>PHYSICAL EXAMINATION (URINE</u> <u>COMPLETE)</u>

Colour (Urine)	Pale yellow	Yellow to Amber
Appearance (Urine)	Clear	Clear
Volume(CLU) (Urine)	20	
<u>CHEMICAL EXAMINATION (URINE</u> <u>COMPLETE)</u>		
pH (Urine)	6.5	4.5 - 8.0
Specific Gravity (Urine)	1.006	1.002 - 1.035
Ketone (Urine)	Negative	Negative
Urobilinogen (Urine)	Normal	Normal
Blood (Urine)	Negative	Negative







The results pertain to sample tested.

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Name	: Mrs. CHAITHRA M	
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Age / Sex	: 30 Year(s) / Female	Report On : 24/11/2023 7:06 PM
Туре	: OP	Printed On : 25/01/2024 9:03 AM
Ref. Dr	: MediWheel	

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	Biological Reference Interval
Nitrite (Urine)	Negative		Negative
Bilirubin (Urine)	Negative		Negative
Protein (Urine)	Negative		Negative
Glucose (Urine/GOD - POD)	Negative		Negative
Leukocytes(CP) (Urine)	Negative		
<u>MICROSCOPIC EXAMINATION</u> (URINE COMPLETE)			
Pus Cells (Urine)	0-2	/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.

Casts (Urine)	NIL	/hpf	NIL
Crystals (Urine)	NIL	/hpf	NIL







The results pertain to sample tested.

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Name	: Mrs. CHAITHRA M	
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Investigation

BUN / Creatinine Ratio

Observed Unit Value 12.0 Biological Reference Interval 6.0 - 22.0





The results pertain to sample tested.

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Name	: Mrs. CHAITHRA M		
PID No.	: MED122291814	Register On : 23/11/2023 9:52 AM	1
SID No.	: 522318169	Collection On : 23/11/2023 11:53 A	M
Age / Sex	: 30 Year(s) / Female	Report On : 24/11/2023 7:06 Pl	N
Туре	: OP	Printed On : 25/01/2024 9:03 AM	Λ
Ref. Dr	: MediWheel		

Investigation

Observed Unit Value Biological Reference Interval

URINE ROUTINE





-- End of Report --

The results pertain to sample tested.

Name	MRS.CHAITHRA M	ID	MED122291814
Age & Gender	30Y/FEMALE	Visit Date	23 Nov 2023
Ref Doctor Name	MediWheel		

ABDOMINO-PELVIC ULTRASONOGRAPHY

LIVER is normal in shape, size (13.8 cm) and has uniform echopattern. A hemangioma measuring10 x 9 mm is noted in the right lobe. No evidence of intrahepatic biliary ductal dilatation. Hepatic and portal vein radicals are normal.

GALL BLADDER shows normal shape and has clear contents. Wall is of normal thickness. CBD is of normal calibre.

PANCREAS is obscured by bowel gas shadows.

SPLEEN show normal shape, size and echopattern.

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	10.0	1.6
Left Kidney	9.8	1.8

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

UTERUS is anteverted and has normal shape and size. It has uniform myometrial echopattern. Endometrial echo is of normal thickness - 6.9 mm. Uterus measures LS: 5.6 cms AP: 4.5 cms TS: 3.3 cms.

OVARIES are normal in size, shape and echotexture

POD & adnexa are free. No evidence of ascites.

IMPRESSION:

• No sonological abnormality detected.

Name	MRS.CHAITHRA M	ID	MED122291814
Age & Gender	30Y/FEMALE	Visit Date	23 Nov 2023
Ref Doctor Name	MediWheel		

DR. KARTHIK VIJAY DATTANI, MD, PDCC CONSULTANT RADIOLOGIST Kv/Mi

Name	MRS.CHAITHRA M	ID	MED122291814
Age & Gender	30Y/FEMALE	Visit Date	23 Nov 2023
Ref Doctor Name	MediWheel		

2D ECHOCARDIOGRAPHIC STUDY

<u>M-mode measurement:</u>

AORTA	:	2.21	cms.
LEFT ATRIUM	:	2.38	cms.
AVS LEFT VENTRICLE	:	1.47	cms.
(DIASTOLE)	:	3.14	cms.
(SYSTOLE)	:	1.71	cms.
VENTRICULAR SEPTUM	:		
(DIASTOLE)	:	0.88	cms.
(SYSTOLE)	:	1.08	cms.
POSTERIOR WALL	:		
(DIASTOLE)	:	0.79	cms.
(SYSTOLE)	:	1.00	cms.
EDV	:	38	ml.
ESV	:	30	ml.
FRACTIONAL SHORTENING	:	40	%
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	MRS.CHAITHRA M	ID	MED122291814
Age & Gender	30Y/FEMALE	Visit Date	23 Nov 2023
Ref Doctor Name	MediWheel		

2D ECHOCARDIOGRAPHY FINDINGS:

 Left Ventricle
 :
 Normal size, Normal systolic function.

Left Atrium	:	Normal.
Right Ventricle :	Norm	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.

DR. YASHODA RAVI CONSULTANT CARDIOLOGIST

Name	MRS. CHAITHRA M	Customer ID	MED122291814
Age & Gender	30Y/F	Visit Date	Nov 23 2023 9:51AM
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.

Impression: No significant abnormality detected.

/

DR KARTHIK VIJAY DATTANI. MD., PDCC CONSULTANT RADIOLOGIST



5

Patient Name	Chaithra.r	Date	23/11/2023
Age	30425	Visit Number	522318169
Sex	Feriale	Corporate	Mediwhee

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GENERAL PHYSICAL EXAMINATION

Identification Mark :

Expiration :

Inspiration :

Abdomen Measurement :

RS: MU NURS @

PA: Soft, won Lad

Height: 153 ćms Weight: 55.5 kg. kgs Pulse: 82 42-/minute Blood Pressure : 110/70-ty mm of Hg : Norman. BMI **BMI INTERPRETATION** Underweight = <18.5Normal weight = 18.5-24.9 Overweight = 25-29.9 Chest :

cms cms cms Eves: clinically NAI) Ears: clinically NAD Throat: NAD. - cli-ically Neck nodes: No lymph adenopathy noted. CVS: SSLO CNS: Conscious falert

No abnormality is detected. His / Her general physical examination is within normal limits.

NOTE : MEDICAL FIT FOR EMPLOYMENT YES / NO

DI. RITESH RAJ, MBBS DI. RITESH RAJ, MBBS General Physician & Disbatologies General Physician No: 85875 CILLING REG. NO: 85875 CLUMAX DLAGNOSTICS Signature

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