Name	: Mr. KATTI BASAVANNI BUGADI	Register On	:	09/01/2024 9:05 AM
PID No.	: MED122387824	Collection On	:	09/01/2024 9:36 AM
SID No.	: 522400436	Report On	:	09/01/2024 4:46 PM
Age / Sex	: 59 Year(s) / Male	Printed On	:	10/01/2024 10:43 AM
Ref. Dr	: MediWheel	Туре	:	OP
Source	: MediWheel			

Observed Value Unit

Biological Reference Interval

IMMUNOHAEMATOLOGY

Investigation

BLOOD GROUPING AND Rh TYPING (EDTA Blood/Agglutination) 'A' 'Positive'

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



Name	: Mr. KATTI BASAVANNI BUGAI	DI R	egister O	n :	09/01/	2024 9:05 AM
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Ref. Dr	: MediWheel	т	уре	:	OP	
Source	: MediWheel					
		REPORT				
<u>Investi</u>	<u>gation</u>	Observed \	<u>/alue</u>	<u>Unit</u>		<u>Biological Reference</u> Interval
<u>HAEM</u>	IATOLOGY					
<u>Comple</u>	ete Blood Count With - ESR					
	globin (EDTA Blood∕ photometry)	16.3		g/dL		13.5 - 18.0
	Cell Volume Iaematocrit (EDTA Blood)	47.0		%		42 - 52
RBC Co	ount (EDTA Blood)	5.45		mill/c	u.mm	4.7 - 6.0
Mean C (EDTA I	orpuscular Volume(MCV) Blood)	86.3		fL		78 - 100
	orpuscular Haemoglobin (EDTA Blood)	29.8		pg		27 - 32
	orpuscular Haemoglobin ration(MCHC) (EDTA Blood)	34.6		g/dL		32 - 36
RDW-C	V	13.3		%		11.5 - 16.0
RDW-S	D	40.7		fL		39 - 46
Total Le Blood)	eukocyte Count (TC) (EDTA	7800		cells/	cu.mm	4000 - 11000
Neutrop	hils (Blood)	49.7		%		40 - 75
Lympho	cytes (Blood)	36.7		%		20 - 45
Eosinop	ohils (Blood)	3.6		%		01 - 06
Monocy	tes (Blood)	9.2		%		01 - 10
Basophi	ils (Blood)	0.8		%		00 - 02

INTERPRETATION: Tests done on Automated Five Part cell counter. All abnormal results are reviewed and confirmed microscopically.

Absolute Neutrophil count (EDTA 3.9 10^3 / µl 1.5 - 6.6 Blood)



The results pertain to sample tested.

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Source	: MediWheel			

Investigation	Observed Value	<u>Unit</u>	<u>Biological Reference</u> Interval
Absolute Lymphocyte Count (EDTA Blood)	2.9	10^3 / µl	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood)	0.3	10^3 / µl	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood)	0.7	10^3 / µl	< 1.0
Absolute Basophil count (EDTA Blood)	0.1	10^3 / µl	< 0.2
Platelet Count (EDTA Blood)	374	10^3 / µl	150 - 450
MPV (Blood)	6.3	fL	7.9 - 13.7
PCT(Automated Blood cell Counter)	0.237	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Citrated Blood)	9	mm/hr	< 20



Nome			Dogiotor (0 n		• 00/01/2024 0:05 AM
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Ref. Dr	: MediWheel		Туре		:	: OP
Source	: MediWheel					
		REPOR	₹Т			
<u>Investi</u>	gation	<u>Observe</u>	d Value	<u>Un</u>	<u>it</u>	t <u>Biological Reference</u> Interval
BIOCI	<u>HEMISTRY</u>					
BUN / C	Creatinine Ratio	10.6				6.0 - 22.0
Glucose GOD-P	e Fasting (FBS) (Plasma - F/ AP)	118.65		mg/	ďL	L Normal: < 100 Pre Diabetic: 100 - 125 Diabetic: >= 126
	RETATION: Factors such as type, qu blood glucose level.	antity and time	of food inta	ke, Pl	hys	ysical activity, Psychological stress, and drugs ca
Glucose GOD - I	e, Fasting (Urine) (Urine - F/ POD)	Negative				Negative
	e Postprandial (PPBS) a - PP/GOD-PAP)	138.28		mg/	ďL	dL 70 - 140
Factors s glucose le Postprane	evel. Fasting blood glucose level may	y be higher tha	n Postprand	dial glu	uco	ological stress, and drugs can influence blood cose, because of physiological surge in enomenon, Somogyi Phenomenon, Anti- diabetic
	Irea Nitrogen (BUN) (Serum/ UV / derived)	11.8		mg/	dL	dL 7.0 - 21
Creatini	ine (Serum/Modified Jaffe)	1.11		mg/	dL	dL 0.9 - 1.3
increased dysfunctio	l ingestion of cooked meat, consumine	ng Protein/ Cre zolin, ACE inhit	atine supple	ement	s,	muscle mass, severe dehydration, Pre-eclampsia, s, Diabetic Ketoacidosis, prolonged fasting, renal II receptor antagonists,N-acetylcyteine,
Uric Aci	d (Serum/Enzymatic)	7.75		mg/	ďL	L 3.5 - 7.2
<u>Liver F</u>	unction Test					
Bilirubir ATCS)	n(Total) (Serum/DCA with	0.53		mg/	dL	dL 0.1 - 1.2
Bilirubir Sulfanil	n(Direct) (Serum/Diazotized ic Acid)	0.18		mg/	ďL	dL 0.0 - 0.3
						Ast



The results pertain to sample tested.

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Source : MediWheel

REPORT

Investigation	Observed Value	<u>Unit</u>	<u>Biological Reference</u> Interval
Bilirubin(Indirect) (Serum/Derived)	0.35	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase) (Serum/Modified IFCC)	24.30	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/Modified IFCC)	23.64	U/L	5 - 41
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	88.37	U/L	< 55
Alkaline Phosphatase (SAP) (Serum/ Modified IFCC)	83.1	U/L	56 - 119
Total Protein (Serum/Biuret)	6.44	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	4.35	gm/dl	3.5 - 5.2
Globulin (Serum/Derived)	2.09	gm/dL	2.3 - 3.6
A : G RATIO (Serum/Derived)	2.08		1.1 - 2.2
Lipid Profile			
Cholesterol Total (Serum/CHOD-PAP with ATCS)	227.43	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	107.26	mg/dL	Optimal: < 150 Borderline: 150 - 199 High: 200 - 499 Very High: >= 500



The results pertain to sample tested.

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Ref. Dr	: MediWheel	Туре	:	OP
Source	: MediWheel			

Observed Value Unit

Biological Reference Interval

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 Acirculating level of triglycerides during most part of the day.

HDL Cholesterol (Serum/ Immunoinhibition)	40.88	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 40 - 59 High Risk: < 40
LDL Cholesterol (Serum/Calculated)	165.1	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	21.5	mg/dL	< 30
Non HDL Cholesterol (Serum/ Calculated)	186.6	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/Calculated)	5.6	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 2.6 (TG/HDL) (Serum/Calculated)

Optimal: < 2.5 Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0



The results pertain to sample tested.

Investigation

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Name	: Mr. KATTI BASAVANNI BUGAI	וכ	Register	On	:	09/01/2024 9:05 AM
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Source	: MediWheel					
		REPOR	RT			
<u>Investi</u>	gation	<u>Observe</u>	<u>d Value</u>	<u>Un</u>	<u>it</u>	<u>Biological Reference</u> Interval
LDL/HD Calcula	0L Cholesterol Ratio (Serum/ ted)	4				Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0 High Risk: > 6.0
<u>Glycos</u>	<u>ylated Haemoglobin (HbA1c</u>)				
HbA1C	(Whole Blood/HPLC)	6.6		%		Normal: 4.5 - 5.6 Prediabetes: 5.7 - 6.4 Diabetic: >= 6.5
INTERPR	RETATION: If Diabetes - Good contro	l : 6.1 - 7.0 %	, Fair contro	ol : 7.1	- 8	8.0 % , Poor control >= 8.1 %
Estimate Blood)	ed Average Glucose (Whole	142.72		mg/	ďL	-
	RETATION: Comments	ucose levels o	ver the pas	t 8 - 12	2 w	veeks and is a much better indicator of long term

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. 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.



Name:Mr. KATTI BASAVANNI BUGAIPID No.:MED122387824SID No.:522400436Age / Sex:59 Year(s) / MaleRef. Dr:MediWheelSource:MediWheel	DI	Register C Collection Report On Printed Or Type	On : 09/	01/2024 9:05 AM /01/2024 9:36 AM /01/2024 4:46 PM /01/2024 10:43 AM
	REPOR	RT		
	<u>Observed</u>	d Value	<u>Unit</u>	<u>Biological Reference</u> Interval
IMMUNOASSAY Prostate specific antigen - Total(PSA) (Serum/Manometric method)	0.680		ng/ml	Normal: 0.0 - 4.0 Inflammatory & Non Malignant conditions of Prostate & genitourinary system: 4.01 - 10.0 Suspicious of Malignant disease of Prostate: > 10.0
THYROID PROFILE / TFT T3 (Triiodothyronine) - Total (Serum/ ECLIA) INTERPRETATION: Comment : Total T3 variation can be seen in other condition it is Metabolically active.	1.39 on like pregnan	icy, drugs, n	ng/ml ephrosis etc	0.4 - 1.81 c. In such cases, Free T3 is recommended as
T4 (Tyroxine) - Total (Serum/ECLIA) INTERPRETATION: Comment : Total T4 variation can be seen in other condition	11.37 on like pregnan	icy, drugs, n	µg/dl ephrosis etc	4.2 - 12.0 c. In such cases, Free T4 is recommended as
it is Metabolically active. TSH (Thyroid Stimulating Hormone) (Serum/ECLIA)	3.42		µIU/mL	0.35 - 5.50
 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 depo BMI. 2.TSH Levels are subject to circadian variation variation can be of the order of 50%,hence tim 3.Values&amplt0.03 µIU/mL need to be clinic. 	n, reaching pea le of the day ha	k levels betw as influence	ween 2-4am on the mea	n and at a minimum between 6-10PM.The sured serum TSH concentrations.



The results pertain to sample tested.

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Name	: Mr. KATTI BASAVANNI BUGAI	DI	Register	On	:	09/01/2024 9:05 AM
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Ref. Dr	: MediWheel		Туре		:	OP
Source	: MediWheel					
		REPOF	кт			
<u>Investi</u>	gation	<u>Observe</u>	<u>d Value</u>	<u>Uni</u>	t	<u>Biological Reference</u> Interval
URINE	CAL PATHOLOGY <u>ROUTINE</u> CAL EXAMINATION (URINE LETE)					
Colour (-	Yellow				Yellow to Amber
Appeara	ance (Urine)	Clear				Clear
Volume	(CLU) (Urine)	20				
<u>CHEMI</u> COMPL	CAL EXAMINATION (URINE					
pH (Urir	ne)	6.0				4.5 - 8.0
Specific	Gravity (Urine)	1.015				1.002 - 1.035
Ketone	(Urine)	Negative				Negative
Urobilin	ogen (Urine)	Normal				Normal
Blood (l	Jrine)	Negative				Negative
Nitrite (I	Urine)	Negative				Negative
Bilirubin	n (Urine)	Negative				Negative
Protein	(Urine)	Negative				Negative
Glucose	e (Urine/GOD - POD)	Negative				Negative
MICRO	ytes(CP) (Urine) <u>SCOPIC EXAMINATION</u> <u>COMPLETE)</u>	Negative				



The results pertain to sample tested.

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Name	: Mr. KATTI BASAVANNI BUGADI	Register On	:	09/01/2024 9:05 AM
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Source	: MediWheel			

Investigation	Observed Value	<u>Unit</u>	<u>Biological Reference</u> Interval
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.

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



-- End of Report --

Name	MR.KATTI BASAVANNI BUGADI	ID	MED122387824
Age & Gender	59Y/MALE	Visit Date	09 Jan 2024
Ref Doctor Name	MediWheel		

ABDOMINO-PELVIC ULTRASONOGRAPHY

LIVER is normal in shape, size (13.5 cm) and shows increased echogenicity. No evidence of focal lesion or 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 has normal shape, size and uniform echopattern. No evidence of ductal dilatation or calcification.

SPLEEN shows 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	11.1	1.3
Left Kidney	11.6	1.5

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

PROSTATE shows normal shape, size and echopattern. It measures 3.8 x 3.3 x 3.8 cms, Vol: 25.94 cc.

No evidence of ascites.

A small defect measuring 11.6 mm is noted in the level of umbilicus with herniation of omentum. Contents are partially reducible - Small umbilical hernia.

IMPRESSION:

- Grade I fatty infiltration of liver.
- No other significant abnormality detected.

Name	MR.KATTI BASAVANNI BUGADI	ID	MED122387824
Age & Gender	59Y/MALE	Visit Date	09 Jan 2024
Ref Doctor Name	MediWheel		

DR. HEMANANDINI V.N CONSULTANT RADIOLOGIST Hn/Mi

Name	MR.KATTI BASAVANNI BUGADI	ID	MED122387824
Age & Gender	59Y/MALE	Visit Date	09 Jan 2024
Ref Doctor Name	MediWheel	-	

2D ECHOCARDIOGRAPHIC STUDY

M-mode measurement:

AORTA	:	2.83	cms.
LEFT ATRIUM	:	3.09	cms.
AVS LEFT VENTRICLE	:	1.47	cms.
(DIASTOLE)	:	4.27	cms.
(SYSTOLE)	:	2.47	cms.
VENTRICULAR SEPTUM	:		
(DIASTOLE)	:	1.08	cms.
(SYSTOLE)	:	1.80	cms.
POSTERIOR WALL	:		
(DIASTOLE)	:	1.39	cms.
(SYSTOLE)	:	1.54	cms.
EDV	:	81	ml.
ESV	:	21	ml.
FRACTIONAL SHORTENING	:	42	%
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 r	n/s	NO AR.
TRICUSPID VALVE: E -	0.4 m/s A - 0).3 m/s	NO TR.
PULMONARY VALVE:	0.8 r	n/s	NO PR.

Name	MR.KATTI BASAVANNI BUGADI	ID	MED122387824
Age & Gender	59Y/MALE	Visit Date	09 Jan 2024
Ref Doctor Name	MediWheel		

2D ECHOCARDIOGRAPHY FINDINGS:

Left Ventricle : No regional wall mot	: ion abn	Normal size, Normal systolic function. 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.

DR. YASHODA RAVI CONSULTANT CARDIOLOGIST

Name	MR.KATTI BASAVANNI BUGADI	ID	MED122387824
Age & Gender	59Y/MALE	Visit Date	09 Jan 2024
Ref Doctor Name	MediWheel		

Name	Mr. KATTI BASAVANNI BUGADI	Customer ID	MED122387824
Age & Gender	59Y/M	Visit Date	Jan 9 2024 9:05AM
Ref Doctor	MediWheel		

X - RAY CHEST PA VIEW

No obvious lung opacity.

Cardiac size is within normal limits. Aortic unfolding is noted.

Bilateral perihilar bronchovascular marking are prominent

Bilateral domes of diaphragm and costophrenic angles are normal.

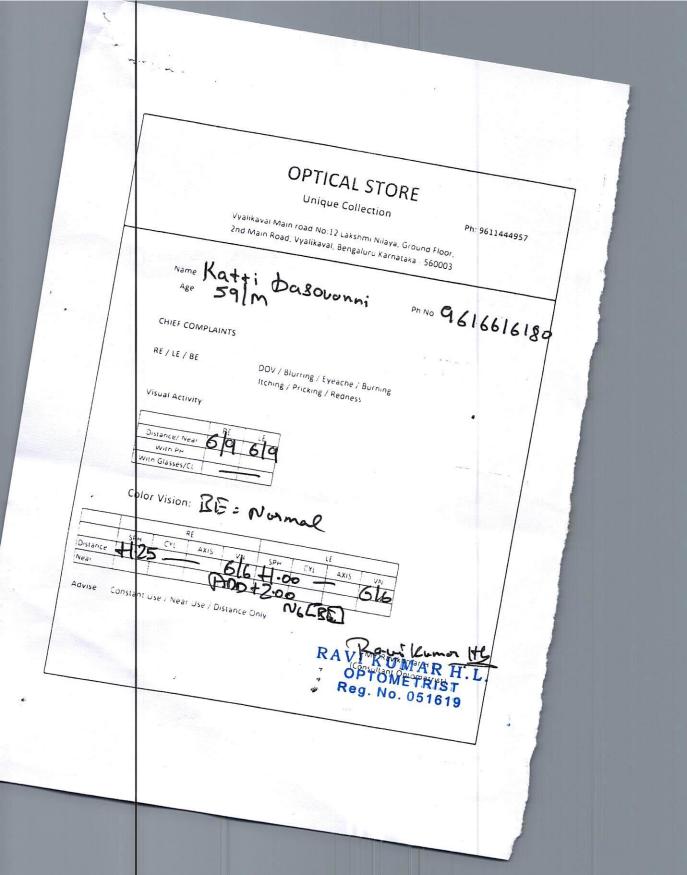
Visualized bones and soft tissues appear normal.

Impression:

No obvious lung opacity.

a e.vd

Dr.Hemanandini Consultant Radiologist



Katti Basava	Date '	9/1/24	experts who care
59425	Visit Number	52200043	6
Male	Corporate	Mediwhe	e/

AL PHYSICAL EXAMINATION

tion Mark :

cms	
kgs	
/minu	ute
	/min

essure : 170/90

29.3

RPRETATION veight = <18.5I weight = 18.5 - 24.9eight = 25 - 29.9

n :

on :

n Measurement :

J clinically NAD

NVBS 0

RI- BS @

Ears : chically NAD Neck nodes : No lymphadenopatty : cvs: S.S. @ CNS: connious faler

Signature

Advised - 2D ECHO. rmality is detected. His / Her general physical examination is within normal limits.

mm of Hg

cms

cms

cms

MEDICAL FIT FOR EMPLOYMENT YES / NO

ertly view the reports and trends an QR code to download the App.



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Dr. RITESH RAJ, MBBS General Physician & Diabetologies

CUULIAX DIAGNOSTICS

