PID No.
 :
 MED111237568
 Register On
 :
 09/08/2022 8:19 AM

 SID No.
 :
 922043380
 Collection On
 :
 09/08/2022 8:28 AM

 Age / Sex
 :
 32 Year(s) / Male
 Report On
 :
 09/08/2022 6:07 PM

 Type
 :
 OP
 Printed On
 :
 09/08/2022 7:56 PM

Ref. Dr : MediWheel

Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
<b>HAEMATOLOGY</b>			
Complete Blood Count With - ESR			
Haemoglobin (EDTA Blood/Spectrophotometry)	14.88	g/dL	13.5 - 18.0
Packed Cell Volume(PCV)/Haematocrit (EDTA Blood)	45.0	%	42 - 52
RBC Count (EDTA Blood)	4.99	mill/cu.mm	4.7 - 6.0
Mean Corpuscular Volume(MCV) (EDTA Blood)	90.2	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (EDTA Blood)	29.8	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (EDTA Blood)	33.1	g/dL	32 - 36
RDW-CV (EDTA Blood)	14.3	%	11.5 - 16.0
RDW-SD (EDTA Blood)	44.7	fL	39 - 46
Total Leukocyte Count (TC) (EDTA Blood)	6770	cells/cu.mm	4000 - 11000
Neutrophils (EDTA Blood)	51.46	%	40 - 75
Lymphocytes (EDTA Blood)	37.31	%	20 - 45
Eosinophils (EDTA Blood)	4.12	%	01 - 06



**VERIFIED BY** 



 PID No.
 :
 MED111237568
 Register On
 :
 09/08/2022 8:19 AM

 SID No.
 :
 922043380
 Collection On
 :
 09/08/2022 8:28 AM

 Age / Sex
 :
 32 Year(s) / Male
 Report On
 :
 09/08/2022 6:07 PM

 Type
 :
 OP
 Printed On
 :
 09/08/2022 7:56 PM

Ref. Dr : MediWheel

Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> Reference Interval
Monocytes (EDTA Blood)	6.83	%	01 - 10
Basophils (EDTA Blood)	0.28	%	00 - 02
INTERPRETATION: Tests done on Automated Five F	art cell counter. All	abnormal results are	reviewed and confirmed microscopically.
Absolute Neutrophil count (EDTA Blood)	3.48	10^3 / μl	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood)	2.53	10^3 / μl	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood)	0.28	10^3 / μl	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood)	0.46	10^3 / μl	< 1.0
Absolute Basophil count (EDTA Blood)	0.02	10^3 / μ1	< 0.2
Platelet Count (EDTA Blood)	268.0	10^3 / μ1	150 - 450
MPV (EDTA Blood)	7.61	fL	7.9 - 13.7
PCT (EDTA Blood/Automated Blood cell Counter)	0.19	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (EDTA Blood)	7	mm/hr	< 15



**VERIFIED BY** 



 PID No.
 :
 MED111237568
 Register On
 :
 09/08/2022 8:19 AM

 SID No.
 :
 922043380
 Collection On
 :
 09/08/2022 8:28 AM

 Age / Sex
 :
 32 Year(s) / Male
 Report On
 :
 09/08/2022 6:07 PM

 Type
 :
 OP
 Printed On
 :
 09/08/2022 7:56 PM

Ref. Dr : MediWheel

Investigation	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
<b>BIOCHEMISTRY</b>			
Liver Function Test			
Bilirubin(Total) (Serum/DCA with ATCS)	1.28	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.38	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.90	mg/dL	0.1 - 1.0
SGOT/AST (Aspartate Aminotransferase) (Serum/Modified IFCC)	29.18	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/Modified IFCC)	46.86	U/L	5 - 41
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	28.64	U/L	< 55
Alkaline Phosphatase (SAP) (Serum/Modified IFCC)	55.2	U/L	53 - 128
Total Protein (Serum/Biuret)	7.56	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	4.75	gm/dl	3.5 - 5.2
Globulin (Serum/Derived)	2.81	gm/dL	2.3 - 3.6
A : G RATIO (Serum/Derived)	1.69		1.1 - 2.2



**VERIFIED BY** 



 PID No.
 :
 MED111237568
 Register On
 :
 09/08/2022 8:19 AM

 SID No.
 :
 922043380
 Collection On
 :
 09/08/2022 8:28 AM

 Age / Sex
 :
 32 Year(s) / Male
 Report On
 :
 09/08/2022 6:07 PM

 Type
 :
 OP
 Printed On
 :
 09/08/2022 7:56 PM

Ref. Dr : MediWheel

<u>Investigation</u>	Observed <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
<u>Lipid Profile</u>			
Cholesterol Total (Serum/CHOD-PAP with ATCS)	157.12	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	108.97	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.

Part of any			
HDL Cholesterol (Serum/Immunoinhibition)	44.75	mg/dL	Optimal(Negative Risk Factor): >= 60  Borderline: 40 - 59  High Risk: < 40
LDL Cholesterol (Serum/Calculated)	90.6	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	21.8	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	112.4	mg/dL	Optimal: < 130 Above Optimal: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very High: >= 220



**VERIFIED BY** 



 PID No.
 : MED111237568
 Register On
 : 09/08/2022 8:19 AM

 SID No.
 : 922043380
 Collection On
 : 09/08/2022 8:28 AM

 Age / Sex
 : 32 Year(s) / Male
 Report On
 : 09/08/2022 6:07 PM

 Type
 : OP
 Printed On
 : 09/08/2022 7:56 PM

Ref. Dr : MediWheel

InvestigationObservedUnitBiologicalValueReference Interval

**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 3.5 Optimal: < 3.3 (Serum/Calculated) 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 2.4 Optimal: < 2.5

(TG/HDL) Mild to moderate risk: 2.5 - 5.0

High Risk: > 5.0

LDL/HDL Cholesterol Ratio 2 Optimal: 0.5 - 3.0

(Serum/Calculated)
Borderline: 3.1 - 6.0
High Risk: > 6.0



(Serum/Calculated)

**VERIFIED BY** 



 PID No.
 :
 MED111237568
 Register On
 :
 09/08/2022 8:19 AM

 SID No.
 :
 922043380
 Collection On
 :
 09/08/2022 8:28 AM

 Age / Sex
 :
 32 Year(s) / Male
 Report On
 :
 09/08/2022 6:07 PM

 Type
 :
 OP
 Printed On
 :
 09/08/2022 7:56 PM

Ref. Dr : MediWheel

Investigation	Observed <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Glycosylated Haemoglobin (HbA1c)			
HbA1C (Whole Blood/HPLC)	5.42	%	Normal: 4.5 - 5.6 Prediabetes: 5.7 - 6.4 Diabetic: >= 6.5

INTERPRETATION: If Diabetes - Good control: 6.1 - 7.0 %, Fair control: 7.1 - 8.0 %, Poor control >= 8.1 %

Estimated Average Glucose 108.85 mg/dL

(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.

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 HbAlC 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 HbAlc.

Remark: Outsourced report.



**VERIFIED BY** 



 PID No.
 : MED111237568
 Register On
 : 09/08/2022 8:19 AM

 SID No.
 : 922043380
 Collection On
 : 09/08/2022 8:28 AM

 Age / Sex
 : 32 Year(s) / Male
 Report On
 : 09/08/2022 6:07 PM

 Type
 : OP
 Printed On
 : 09/08/2022 7:56 PM

Ref. Dr : MediWheel

<u>Investigation</u>	<u>Observed</u> <u>l</u>	<u>Unit</u>	<u>Biological</u>
-	Value		Reference Interval

#### **IMMUNOASSAY**

#### THYROID PROFILE / TFT

T3 (Triiodothyronine) - Total 1.74 ng/ml 0.7 - 2.04

(Serum/ECLIA)

#### INTERPRETATION:

**Comment:** 

Total T3 variation can be seen in other condition like pregnancy, drugs, nephrosis etc. In such cases, Free T3 is recommended as it is

Metabolically active.

T4 (Tyroxine) - Total 10.40 μg/dl 4.2 - 12.0

(Serum/ECLIA)

#### INTERPRETATION:

**Comment:** 

Total T4 variation can be seen in other condition like pregnancy, drugs, nephrosis etc. In such cases, Free T4 is recommended as it is Metabolically active.

TSH (Thyroid Stimulating Hormone) 3.29 µIU/mL 0.35 - 5.50

(Serum/ECLIA)

#### 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 & amplt 0.03 µIU/mL need to be clinically correlated due to presence of rare TSH variant in some individuals.



**VERIFIED BY** 



 PID No.
 : MED111237568
 Register On
 : 09/08/2022 8:19 AM

 SID No.
 : 922043380
 Collection On
 : 09/08/2022 8:28 AM

 Age / Sex
 : 32 Year(s) / Male
 Report On
 : 09/08/2022 6:07 PM

 Type
 : 0P
 Printed On
 : 09/08/2022 7:56 PM

Ref. Dr : MediWheel

InvestigationObservedUnitBiologicalValueReference Interval

# **CLINICAL PATHOLOGY**

# PHYSICAL EXAMINATION (URINE COMPLETE)

Colour Pale yellow Yellow to Amber

(Urine)

Appearance Clear Clear

(Urine)

Volume(CLU) 20

(Urine)

# CHEMICAL EXAMINATION (URINE

<u>COMPLETE</u>)

pH 7.0 4.5 - 8.0

(Urine)

Specific Gravity 1.005 1.002 - 1.035

(Urine)

Ketone Negative Negative

(Urine)

Urobilinogen Normal Normal

(Urine)

Blood Negative Negative

(Urine)

Nitrite Negative Negative

(Urine)

Bilirubin Negative Negative

(Urine)

Protein Negative Negative

(Urine)



**VERIFIED BY** 



 PID No.
 : MED111237568
 Register On
 : 09/08/2022 8:19 AM

 SID No.
 : 922043380
 Collection On
 : 09/08/2022 8:28 AM

 Age / Sex
 : 32 Year(s) / Male
 Report On
 : 09/08/2022 6:07 PM

 Type
 : 0P
 Printed On
 : 09/08/2022 7:56 PM

Ref. Dr : MediWheel

InvestigationObserved<br/>ValueUnit<br/>Heference IntervalBiological<br/>Reference Interval

Glucose Negative Negative

(Urine/GOD - POD)

Leukocytes(CP) Positive(+)

(Urine)

MICROSCOPIC EXAMINATION (URINE COMPLETE)

Pus Cells 2-3 /hpf NIL

(Urine)
Epithelial Cells
1-2 /hpf NIL

(Urine)

RBCs Nil /hpf NIL

Others Nil

(Urine)

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

Casts Nil /hpf NIL

(Urine)

(Urine)

Crystals Nil /hpf NIL

(Urine)



**VERIFIED BY** 



 PID No.
 : MED111237568
 Register On
 : 09/08/2022 8:19 AM

 SID No.
 : 922043380
 Collection On
 : 09/08/2022 8:28 AM

 Age / Sex
 : 32 Year(s) / Male
 Report On
 : 09/08/2022 6:07 PM

 Type
 : OP
 Printed On
 : 09/08/2022 7:56 PM

Ref. Dr : MediWheel

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
<b>BIOCHEMISTRY</b>			
BUN / Creatinine Ratio	10.86		6.0 - 22.0
Glucose Fasting (FBS) (Plasma - F/GOD-PAP)	90.86	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)	109.79	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.

Urine Glucose(PP-2 hours) (Urine - PP)	Negative		Negative		Negative
Blood Urea Nitrogen (BUN) (Serum/Urease UV / derived)	7.5	mg/dL	7.0 - 21		
Creatinine (Serum/Modified Jaffe)	0.69	mg/dL	0.9 - 1.3		

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 7.06 mg/dL 3.5 - 7.2 (Serum/Enzymatic)

**A**...



**VERIFIED BY** 

MD Pathol

 PID No.
 :
 MED111237568
 Register On
 :
 09/08/2022 8:19 AM

 SID No.
 :
 922043380
 Collection On
 :
 09/08/2022 8:28 AM

 Age / Sex
 :
 32 Year(s) / Male
 Report On
 :
 09/08/2022 6:07 PM

 Type
 :
 OP
 Printed On
 :
 09/08/2022 7:56 PM

Ref. Dr : MediWheel

InvestigationObservedUnitBiologicalValueReference Interval

# **IMMUNOHAEMATOLOGY**

BLOOD GROUPING AND Rh TYPING 'B' 'Positive'

(EDTA Blood/Agglutination)

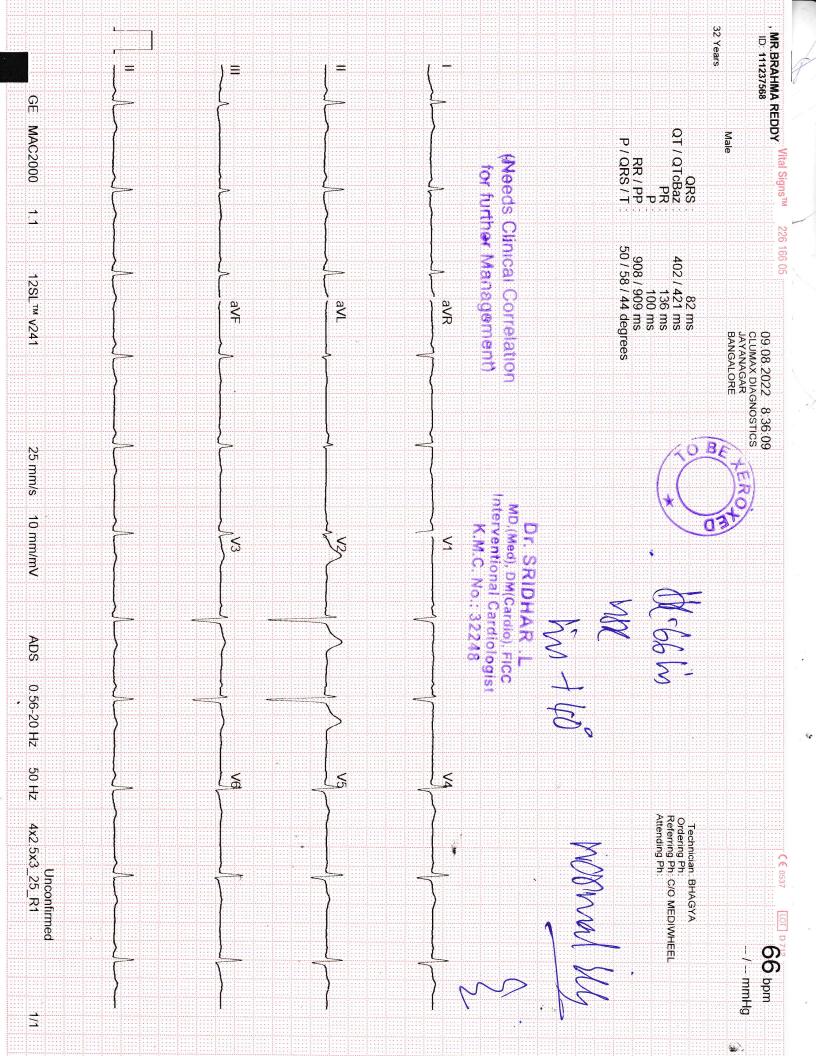


**VERIFIED BY** 



**APPROVED BY** 

-- End of Report --





Name	MR.B BRAHMA REDDY	ID	MED111237568
Age & Gender	32Y/MALE	Visit Date	09/08/2022
Ref Doctor	MediWheel		

# **2D ECHOCARDIOGRAPHIC STU DY**

# M mode measurement:

111 mode medsarement.				
AORTA		:	2.49	cms
LEFT ATRIUM		:	2.29	cms
AVS		:	1.31	cms
LEFT VENTRICLE	(DIASTOLE)	:	4.29	cms
(SYSTOLE)		:	2.82	cms
VENTRICULAR SEPTUM	M (DIASTOLE	:	1.06	cms
(SYSTOLE)		:	1.55	cms
POSTERIOR WALL	(DIASTOLE)	. :	0.90	cms
(SYSTOLE)	,	:	2.08	cms
EDV	,	:	82	ml
ESV		:	30	ml
FRACTIONAL SHORTEN	NING	:	34	%
EJECTION FRACTION		:	65	%
EPSS		:		cms
RVID	4,	: .	1.47	cms

# **DOPPLER MEASURMENTS:**

: 'E' -0.89m/s 'A' -0.60m/s	TRIVIAL MR
•	'E' -0.89m/s 'A' -0.60m/s

AORTIC VALVE :0.82 m/s NO AR

TRICUSPID VALVE :PASP : 22 mmHg TRIVIAL TR

PULMONARY VALVE : 0.84 m/s NO PR



NAME: MR.BRAHMA REDDY

AGE/SEX: YRS/ MALE

:2:

#### 2D ECHOCARDIOGRAPHY FINDINGS:

Left Ventricle : Normal size, Normal LV function,

No regional wall motion abnormalities.

Left Atrium : Normal

Right Ventricle : Normal

Right Atrium : Normal.

Mitral valve : Normal, No mitral valve prolapse.

Aortic valve : Normal, Trileaflet.

Tricuspid valve : Normal.

Pulmonary valve : Normal.

IAS : Intact.

IVS : Intact.

Pericardium : No Pericardial effusion.

#### **IMPRESSION:**

> TRIVIAL MITRAL REGURGITATION

- > TRIVIAL TRICUSPID REGURGITATION. PASP: 22 mmHg
- NORMAL SIZED CARDIAC CHAMBERS
- NORMAL LV SYSTOLIC FUNCTION. EF: 65 %
- > NO REGIONAL WALL MOTION ABNORMALITIES
- NO CLOTS / PERICARDIAL EFFUSION / VEGETATION.

(KINDLY CORRELATE CLINICALLY AND WITH ECG)

DR.SRIDHAR.L MD,DM,FICC. CONSULTANT CARDIOLOGIST Ls/ml

Dr. SRIDHAR .L

MD,(Med), DM(Cardio), FICC Interventional Cardiologist

K.M.C.:No.: 32248



# **MEDALL CLUMAX DIAGNOSTICS**

Customer Name	me.B.E	Stahma Red	lyustomer 1D	MED 111237568
Age & Gender	3242	mode.	Visit Date	09 68 2022

Eye Screening

With spectacles / without spectacles (strike out whichever is not applicable)

	Right Eye	Left Eye	* .
Near Vision	146	res	
Distance Vision	6 6	666	classes
Colour Vision	Hormal	reormal	2x

Observation / Comments:

Contieme & celasses.

CLUMAX DIAGNOSTICS & RESEARCH CENTRE PVT.LTD # 68/150/3, "Sri Lakshmi Towers" 9th Main, 3rd Block. Jayanagar BANGALORE 560 011





భారత విశిష్ట గుర్తింపు ప్రాధికార సంస్థ

భారత ప్రభుత్వం Unique Identification Authority of India Government of India

నమోదు సంఖ్య / Enrollment No. : 1001/14002/01698

To
 Battula Brahmareddy
 బత్తుల బ్రహ్మారెడ్డి
 S/O Venkata Reddy
 3-121
 PEDAKODAMAGUNDLA
 Guntur,
 Andhra Pradesh - 522614



UF211955769IN

21195576



మీ ఆధార్ సంఖ్య / Your Aadhaar No. :

8890 9667 2330

ఆధార్ - సామాన్యుని హక్కు



భారత ప్రభుత్వం

GOVERNMENT OF INDIA



బత్తుల బ్రహ్మారెడ్డి Battula Brahmareddy

పుట్టిన సంవత్సరం/Year of Birth: 1990 పురుషుడు / Male



8890 9667 2330

ఆధార్ - సామాన్యుని హక్కు



Name	MR.B BRAHMA REDDY	ID	MED111237568
Age & Gender	32Y/MALE	Visit Date	09/08/2022
Ref Doctor	MediWheel		

### ABDOMINO-PELVIC ULTRASONOGRAPHY

**LIVER** is normal in shape, size and has increased echopattern. No evidence of focal lesion or intrahepatic biliary ductal dilatation. Hepatic and portal vein radicals are normal.

GALL BLADDER show normal shape and has clear contents.
Gall bladder 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 show normal shape, size and echopattern.

No demonstrable Para -aortic lymphadenopathy.

**KIDNEYS** move well with respiration and have normal shape, size and echopattern.

Cortico- medullary differentiations are well madeout.

No evidence of calculus or hydronephrosis.

The kidney measures as follows

,	Bipolar length (cms)	Parenchymal thickness (cms)
Right Kidney	8.8	1.4
Left Kidney	10.0	1.8

URINARY BLADDER show normal shape and wall thickness.

It has clear contents. No evidence of diverticula.

**PROSTATE** shows normal shape, size (wt - 15.1 gms) and echopattern.

No evidence of ascites.

<u>Impression:</u> Increased hepatic echopattern suggestive of fatty infiltration.

CONSULTANT RADIOLOGISTS:

DR. MAHESH. M. S Ms/pu DR. HIMA BINDU.P





Name	B BRAHMA REDDY	Customer ID	MED111237568
Age & Gender	32Y/M	Visit Date	Aug 9 2022 8:18AM
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: Essentially normal study.

DR. MAHESH M S

CONSULTANT RADIOLOGIST