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Patient Name	MR. MALLIKARJUNA GOWDA	Age	41Yr
Patient ID	146897	Sex	Male
Referral Dr	MEDIWHEEL	Study Date	11 Nov 2023

USG REPORT - ABDOMEN AND PELVIS

LIVER:

Is normal in size ~ 13.8 cm and shows increased echo texture.

No obvious focal lesion seen. No intra – Hepatic biliary radical dilatation seen.

GALL BLADDER:

Is adequately distended. No calculus or internal echoes are seen. Wall thickness is normal.

PANCREAS:

Appears normal in size and it shows uniform echo texture.

SPLEEN:

Is normal in size ~ 9.5 cm and shows uniform echogenicity.

RIGHT KIDNEY:

Right kidney measures ~ 10.3 x 5 cms.

The shape, size and contour of the right kidney appear normal.

Cortico medullary differentiation is within normal. No evidence of pelvicalyceal dilatation.

No calculi seen.

LEFT KIDNEY:

Left kidney measures ~ 9.7 x 3.6 cms.

The shape, size and contour of the left kidney appear normal.

Cortico medullary differentiation is within normal. No evidence of pelvicalyceal dilatation.

No calculi seen.

URINARY BLADDER:

Is normal contour. No intra luminal echoes are seen.

PROSTATE:

Prostate appears normal, Measures ~ 2.9 x 2.9 x 2.9 cms (Vol – 13.2 cc).

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Patient ID	146897	Sex	Male
Referral Dr	MEDIWHEEL	Study Date	11 Nov 2023

RIGHT ILIAC FOSSA:

No focal fluid collections seen.

No evidence of hernia seen in anterior abdominal wall.

IMPRESSION:

- **Grade II fatty liver.**
- **No other significant abnormality seen in the present study.**

- Suggested clinical correlation.

Dr. Abinaya., MD., (RD)
Consultant Radiologist

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Patient Name	MR. MALLIKARJUNAGOWDA	Age	41Yr
Patient ID	156663	Sex	Male
Referral Dr	MEDIWHEEL	Study Date	11 Nov 2023

X-RAY - CHEST PA VIEW

OBSERVATION:

The trachea is central.

The mediastinal and cardiac silhoutte are normal.

Cardiothoracic ratio is normal.

Cardiophrenic and costophrenic angles are normal.

Both hila are normal.

Lung zones are clear.

Bones of the thoracic cage are normal.

Soft tissues of the chest wall are normal.

IMPRESSION:

No significant abnormality seen.

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Consultant Radiologist

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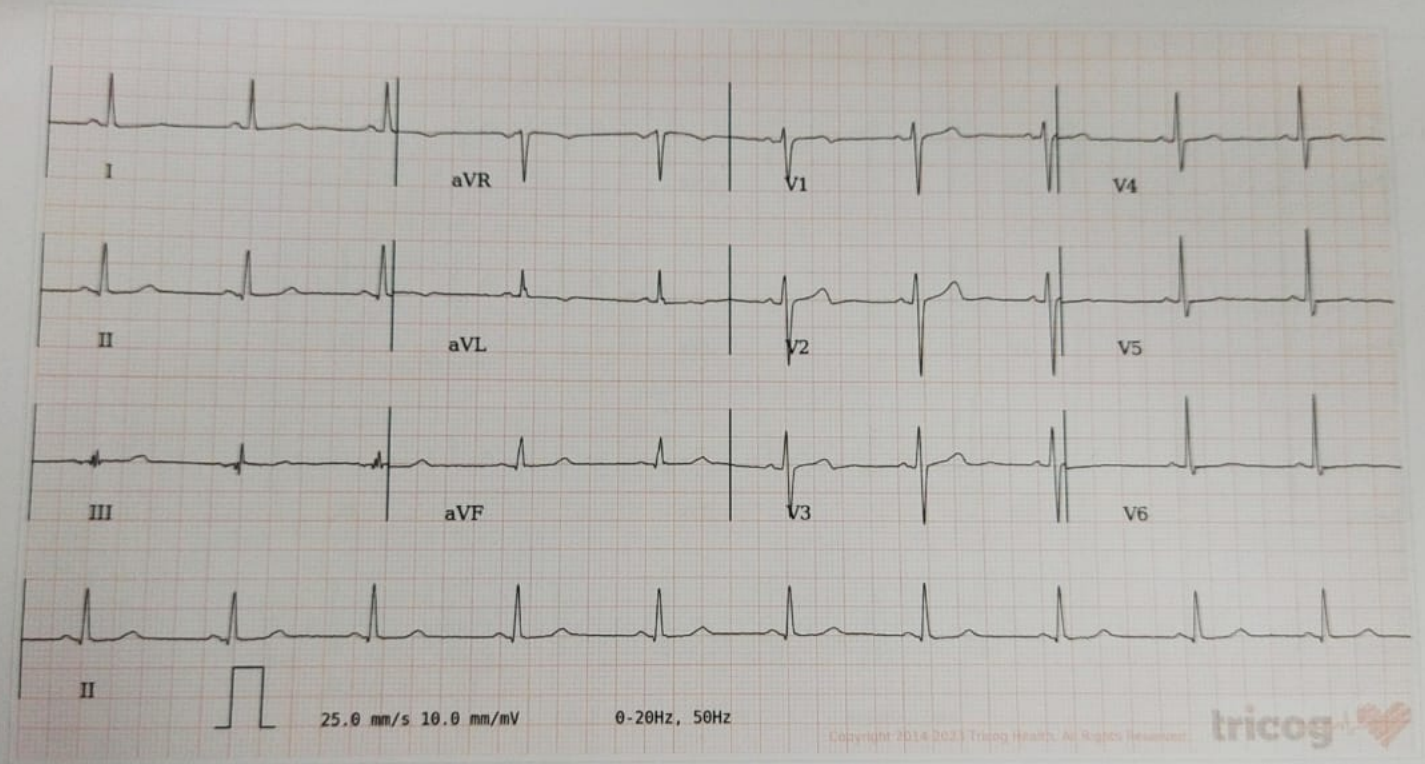
Aarthi CT and MRI Scans, R S Puram West

Age / Gender: 32/Male
Patient ID: 0000146898
Patient Name: MR. MALLIKARJUNAGOWDA
Date and Time: 11th Nov 23 5:05 PM



AR: 63bpm VR: 63bpm QRSD: 98ms QT: 386ms QTcB: 395ms PRI: 120ms P-R-T: 15° 32° 68°

Sinus Rhythm, Non-specific ST/T Wave Changes. Please correlate clinically.

NAME	MR. MALLIKARJUNAGOWDA	PATIENT ID	146897
ACCESSION NO	156663	AGE/SEX	41Y/MALE
REFERRED BY	MEDIWHEEL	DATE	11-NOV-2023

ECHOCARDIOGRAPHIC EVALUATION

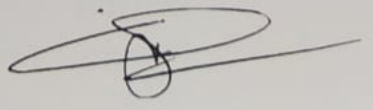
MEASUREMENTS: ACOUSTIC WINDOW: OPTIMAL

2D/ M MODE PARAMETERS:

Parameters	Patient Values	Normal Adult Value
LA	3.17	(2.0 – 4.0 cm)
AO	3.22	(2.0 – 4.0 cm)
LVIDD	4.97	(3.5 – 5.5 cm)
LVIDS	3.25	(2.5 – 4.3 cm)
IVSd	1.08	(0.6 – 1.2 cm)
LVPWd	1.08	(0.6 – 1.2 cm)
EF	64	(50% - 70%)

IMPRESSION:

- No regional wall motion abnormality at rest.
- Normal valves and chambers.
- No pulmonary hypertension.
- No pericardial effusion.
- Normal LV systolic function.



Dr. KARTHIK C.S.MD.,PGD(CARDIOLOGY,UKR)
CONSULTANT CARDIOLOGIST.

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NAME	MR. MALLIKARJUNAGOWDA	PATIENT ID	146897
ACCESSION NO	156663	AGE/GENDER	41Y/MALE
REFERRED BY	MEDIWHEEL	DATE	11-NOV-2023

VISION TEST

VISUAL ACUITY (VA)

If The Acuity Can Be Measures, Complete This Box Using Snellen acuities or snellen equivalents or NLP,LP,HM, or distance at which the patient sees the 20/100 letter.

WITH BEST CORRECTION

DISTANCE VISION	
Right	10/11
Left	9/11
Both	10/11

NEAR VISION	
Right	N6
Left	N6
Both	N6

COLOUR VISION	
BOTH	Normal

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Age / Gender : 41 years / Male
Patient ID : 146897
Referral : MediWheel

Scan to Validate

Billing Time : Nov 11, 2023, 10:25 a.m.
Collection Time : Nov 11, 2023, 10:46 a.m.
Reporting Time : Nov 11, 2023, 01:46 p.m.
Sample ID : 000931523P

Test Description	Value(s)	Unit(s)	Reference Range
COMPLETE BLOOD COUNT (CBC)			
Hemoglobin (Hb)	**13.4**	gm/dL	13.5 - 18.0
Erythrocyte (RBC) Count	5.16	mil/cu.mm	4.7 - 6.0
Packed Cell Volume (PCV)	**40.3**	%	42 - 52
Mean Cell Volume (MCV)	78.10	fL	78 - 100
Mean Cell Haemoglobin (MCH)	**25.97**	pg	27 - 31
Mean Corpuscular Hb Concn. (MCHC)	33.25	g/dL	32 - 36
Red Cell Distribution Width (RDW)	13.2	%	11.5 - 14.0
Total Leucocytes (WBC) Count	4570	cell/cu.mm	4000-10000
Neutrophils	**35**	%	40 - 80
Lymphocytes	**47**	%	20 - 40
Monocytes	9	%	2 - 10
Eosinophils	**8**	%	1 - 6
Basophils	1	%	1-2
Absolute Neutrophil Count	**1599.50**	/c.mm	2000 - 7000
Absolute Lymphocyte Count	2147.90	/c.mm	1000 - 3000
Absolute Monocyte Count	411.30	/c.mm	200 - 1000
Absolute Eosinophil Count	365.60	/c.mm	20 - 500
Absolute Basophils Count	45.70	/c.mm	20 - 100
Platelet Count	331	10^3/ul	150 - 450
Mean Platelet Volume (MPV)	9.7	fL	7.2 - 11.7
PCT	0.32	%	0.2 - 0.5
PDW	10.9	%	9.0 - 17.0
ESR	**25.0**	mm/hr	13.5 - 18.0

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Test Description	Value(s)	Unit(s)	Reference Range
URINE COMPLETE ANALYSIS,			
	Physical Examination		
Quantity	20	ml	-
Colour	Pale Yellow		Pale yellow/Yellow
Appearance	Clear		Clear
Specific Gravity	1.030		1.005-1.025
pH	6.0		5.0 - 8.0
Deposit	**Present**		Absent
	Chemical Examination		
Protein	Absent		Absent
Sugar	Absent		Absent
Ketones	Absent		Absent
Bile Salt	Absent		Absent
Bile Pigment	Absent		Absent
Urobilinogen	Normal		Normal
	Microscopic Examination (/hpf)		
Pus Cell	2-4		Upto 5
Epithelial Cells	1-2		Upto 5
Red Blood Cells	Absent		Absent
Casts	Absent		Absent
Crystals	Absent		Absent
Amorphous Deposit	Absent		Absent
Yeast Cells	Absent		Absent
Bacteria	Absent		Absent
Other findings	Not seen		Not seen

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Test Description	Value(s)	Unit(s)	Reference Range
BLOOD GROUP & RH TYPING			
Blood Group (ABO typing) Method : Manual-Hemagglutination	"O"		
RhD Factor (Rh Typing) Method : Manual hemagglutination	Positive		

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Test Description	Value(s)	Unit(s)	Reference Range
Glycosylated HbA1c			
HbA1c (GLYCOSYLATED HEMOGLOBIN)	5.5	%	
Method : (HPLC, NGSP certified)			
Estimated Average Glucose :	111.15	mg/dL	-

Interpretation

As per American Diabetes Association (ADA)	
Reference Group	HbA1c in %
Non diabetic adults >=18 years	<5.7
At risk (Prediabetes)	5.7 - 6.4
Diagnosing Diabetes	>= 6.5
Therapeutic goals for glycemic control	Age > 19 years Goal of therapy: < 7.0 Action suggested: > 8.0 Age < 19 years Goal of therapy: <7.5

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Test Description	Value(s)	Unit(s)	Reference Range
THYROID PROFILE TEST - TOTAL			
T3-Total	154.0	ng/dL	60 - 200
T4-Total	9.5	ug/dL	4.52 - 12.8
TSH-Ultrasensitive	2.70	uIU/mL	0.32 - 5.5
Method : CLIA			

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Test Description	Value(s)	Unit(s)	Reference Range
LIPID PROFILE			
Cholesterol-Total Method : Spectrophotometry	**215.0**	mg/dL	Desirable level | < 200 Borderline High | 200-239 High | >or = 240
Triglycerides Method : Serum, Enzymatic, endpoint	**155.0**	mg/dL	Normal: < 150 Borderline High: 150-199 High: 200-499 Very High: >= 500
HDL Cholesterol Method : Serum, Direct measure-PEG	43.0	mg/dL	Normal: > 40 Major Risk for Heart: < 40
LDL Cholesterol Method : Enzymatic selective protection	141	mg/dL	Optimal < 100 Near / Above Optimal 100-129 Borderline High 130-159 High 160-189 Very High >or = 190
VLDL Cholesterol Method : Serum, Enzymatic	31	mg/dL	6 - 38
CHOL/HDL Ratio Method : Serum, Enzymatic	5		3.5 - 5.0
LDL/HDL Ratio Method : Serum, Enzymatic	3.28		2.5 - 3.5

Note:
8-10 hours fasting sample is required.

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Test Description	Value(s)	Unit(s)	Reference Range
RENAL PROFILE			
Urea	20.0	mg/dL	19-42
Method : Uricase			
Blood Urea Nitrogen-BUN	9.33	mg/dL	9-20
Method : Serum, Urease			
Creatinine	0.93	mg/dL	0.66-1.25
Method : Serum, Jaffe			
Uric Acid	6.2	mg/dL	3.5-8.5
Method : Serum, Uricase			

Remark:

In blood, Urea is usually reported as BUN and expressed in mg/dl. BUN mass units can be converted to urea mass units by multiplying by 2.14.

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Test Description	Value(s)	Unit(s)	Reference Range
LIVER FUNCTION TEST			
Total Protein	7.4	g/dL	6.3-8.2
Method : Serum, Biuret, reagent blank end point			
Albumin	4.1	g/dL	3.5-5.0
Method : Serum, Bromocresol green			
Globulin	3.30	g/dL	1.8 - 3.6
Method : Serum, EIA			
A/G Ratio	1.24		1.2 - 2.2
Method : Serum, EIA			
Bilirubin - Total	0.3	mg/dL	0.3-1.2
Method : Serum, Jendrassik Grof			
Bilirubin - Direct	0.1	mg/dL	< 0.2
Method : Serum, Diazotization			
Bilirubin - Indirect	0.20	mg/dL	0.1 - 1.0
Method : Serum, Calculated			
SGOT	36.0	U/L	17-59
Method : Serum, UV with P5P, IFCC 37 degree			
SGPT	65.0	U/L	21-72
Method : Serum, UV with P5P, IFCC 37 degree			
Alkaline Phosphatase	76.0	U/L	30 - 120
Method : PNPP-AMP Buffer/Kinetic			
GGT-Gamma Glutamyl Transpeptidae	38.0	U/L	< 55
Method : Serum, G-glutamyl-carboxy-nitoanilide			

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Test Description	Value(s)	Unit(s)	Reference Range

PSA-Total (Prostate-specific antigen-Total)

PSA Profile *

PSA (Prostate Specific Antigen)-Total	0.79	ng/mL	0 - 4.0

Method : Serum, CLIA

Interpretation:

1. Increased levels are noted in Prostate cancer, Bengin prostatic hypertrophy, Prostatitis

PSA (Prostate-Specificantigen)-Free *	-	ng/mL	0.0 - 0.5

Method : Serum, CLIA

Interpretation & Remarks:

- Normal results do not eliminate the possibility of prostate cancer.
- Values obtained with different assay methods or kits may be different and cannot be used interchangeably.
- Tumor markers are not specific for malignancy. Test results cannot be interpreted as absolute evidence for the presence or absence of malignant disease
- Specimens drawn from patients undergoing prostate manipulation, especially needle biopsy and transurethral resection, may show erroneously high prostatic-specific antigen (PSA) results. Care should be taken that specimens are drawn before these procedures are performed.
- The percentage of free PSA can be used to estimate how likely it is that a biopsy will show cancer.
- If the percentage of free PSA is higher than 25%, the likelihood of prostate cancer is about 8%.
- If the percentage of free PSA is less than 10%, then the likelihood of prostate cancer rises to 56%.

Free PSA / Total PSA %	-		-

Method : Serum

Interpretation

- When total prostate-specific antigen (PSA) concentration is <2.0 ng/mL, the probability of prostate cancer in asymptomatic men is low, further testing and free PSA may provide little additional information. When total PSA concentration is >10.0 ng/mL, the probability of cancer is high and prostate biopsy is generally recommended.
- The total PSA range of 4.0 to 10.0 ng/mL has been described as a diagnostic "gray zone," in which the free:total PSA ratio helps to determine the relative risk of prostate cancer (see table below). Therefore, some urologists recommend using the free:total ratio

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Test Description	Value(s)	Unit(s)	Reference Range

to help select which men should undergo biopsy. However even a negative result of prostate biopsy does not rule-out prostate cancer. Up to 20% of men with negative biopsy results have subsequently been found to have cancer.

Based on free:total PSA ratio: the percent probability of finding prostate cancer on a needle biopsy by age in years:

Free:total PSA ratio	50-59 years	60-69 years	> or =70 years
< or =0.10	49.2%	57.5%	64.5%
0.11-0.18	26.9%	33.9%	40.8%
0.19-0.25	18.3%	23.9%	29.7%
>0.25	9.1%	12.2%	15.8%

Cautions

- Normal results do not eliminate the possibility of prostate cancer.
- Values obtained with different assay methods or kits may be different and cannot be used interchangeably
- Tumor markers are not specific for malignancy. Test results cannot be interpreted as absolute evidence for the presence or absence of malignant disease.

Interfering factors :

- Prostatic massage
- Proctoscopy
- Prostatic biopsy
- Prostate cancer patients receiving treatment with antiandrogens and luteinizing hormone-releasing factor agonists may exhibit markedly decreased levels of PSA. Also, men treated for benign prostatic hyperplasia with inhibitors of 5-alpha-reductase (finasteride) may demonstrate a significant reduction in PSA levels compared to values before treatment. Care should be taken in interpreting values for these individuals.
- In patients receiving therapy with high biotin doses (ie, >5 mg/day), no sample should be taken until at least 8 hours after the last biotin administration.

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Test Description	Value(s)	Unit(s)	Reference Range
GLUCOSE (F)			
Glucose fasting Method : GOD-POD	90.0	mg/dL	70 - 120

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Test Description	Value(s)	Unit(s)	Reference Range
GLUCOSE (PP)			
Blood Glucose-Post Prandial Method : GOD-POD	125.0	mg/dL	80 - 140

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