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NAME	MR. RAMKUMAR	PATIENT ID	I-185638
ACCESSION NO	172872	AGE/GENDER	39Y/MALE
REFERRED BY	MEDIWHEEL	DATE	27-JULY-2024

ECHOCARDIOGRAPHIC EVALUATION

MEASUREMENTS: ACOUSTIC WINDOW: OPTIMAL

2D/ M MODE PARAMETERS:

Parameters	Patient Values	Normal Adult Value
LA	3.79	(2.0–4.0 cm)
AO	3.25	(2.0–4.0 cm)
LVIDD	4.62	(3.5–5.5 cm)
LVIDS	2.75	(2.5–4.3 cm)
IVSd	1.03	(0.6–1.2 cm)
LVPWd	1.08	(0.6–1.2 cm)
EF	71	(50% - 70%)

IMPRESSION:

- No regional wall motion abnormality at rest.
- Normal valves and chambers.
- Grade II diastolic dysfunction.(E/A=1.39, E/e = 10.48)
- No pulmonary hypertension.
- No pericardial effusion.
- Normal LV systolic function.

Dr.KARTHIK C.S.MD.,PGD(CARDIOLOGY,UKR)
CONSULTANT CARDIOLOGIST
TMC REG No. 88567

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

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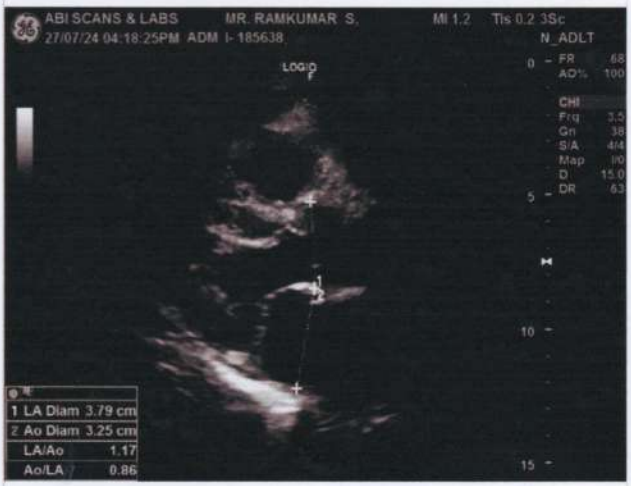
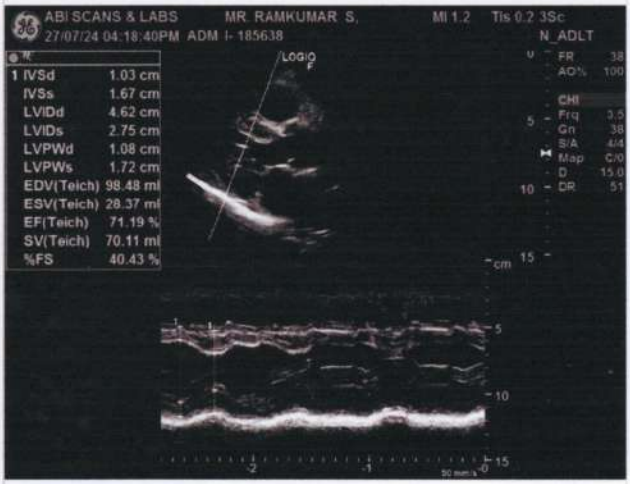
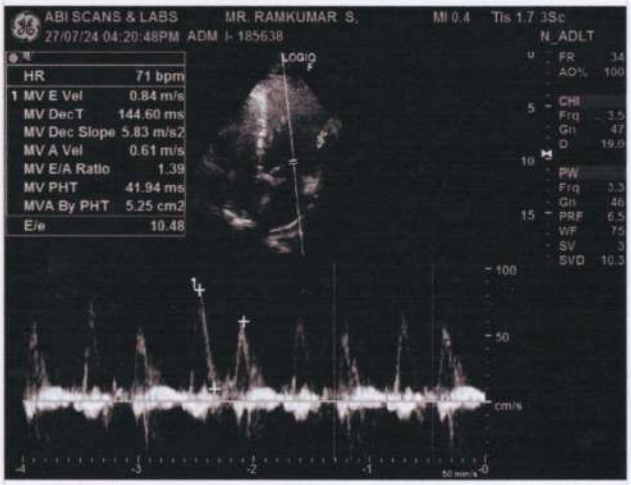
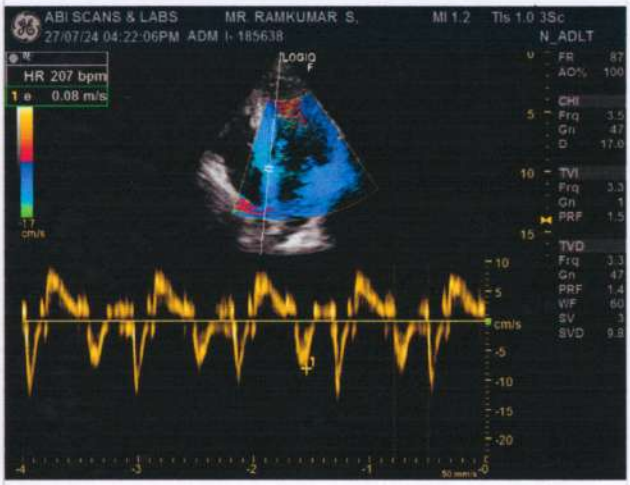
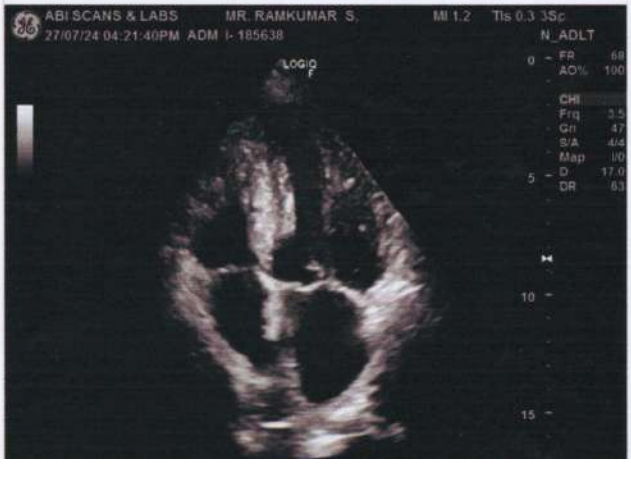
MR. RAMKUMAR S 39Y/M I- 185638 27-Jul-2024 04:16:49 PM

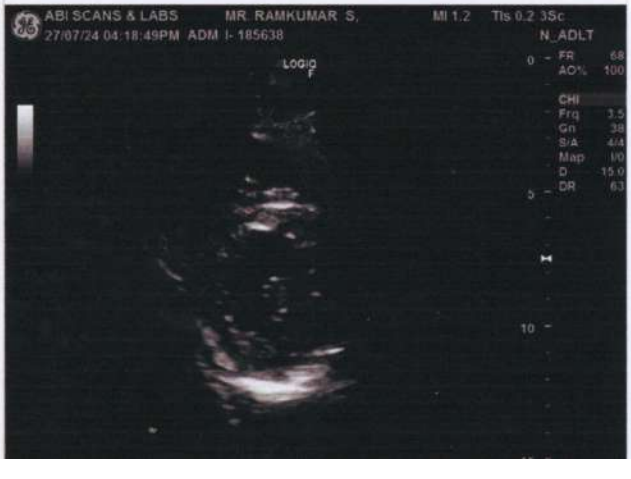








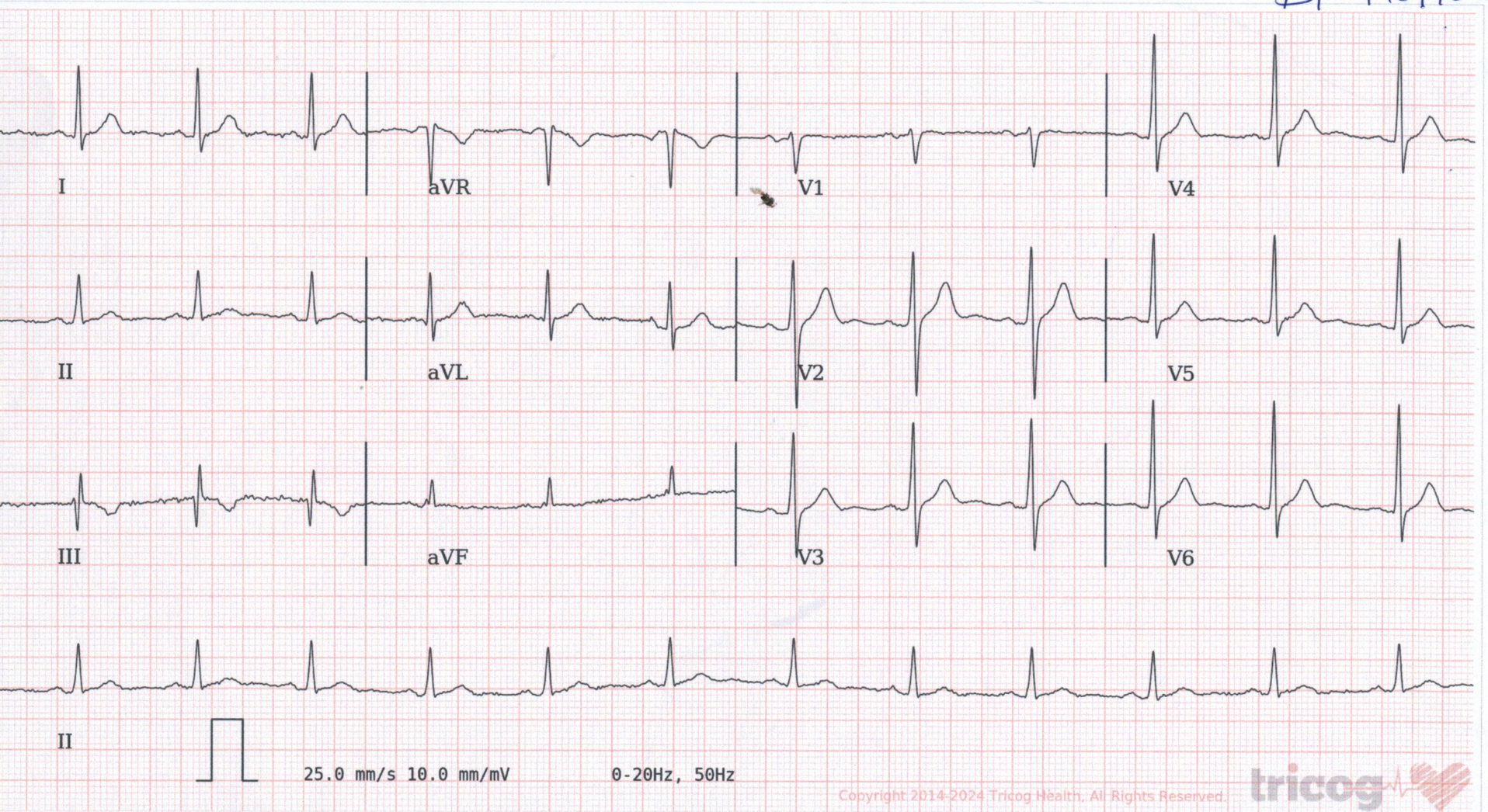




Aarthi CT and MRI Scans, R S Puram West

Age / Gender:	39/Male	Date and Time:	27th Jul 24 12:10 PM
Patient ID:	0000185638		
Patient Name:	MR. RAMKUMAR S		

BP- 140/90mmHg.



AR: 77bpm VR: 77bpm QRSD: 96ms QT: 358ms QTcB: 405ms PRI: 164ms P-R-T: 43° 30° -2°

in Normal Limits: Sinus Rhythm. Please correlate clinically.

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Patient Name : MR. RAMKUMAR S
Age / Gender : 39 years / Male
Patient ID : 172872
Referral : MediWheel

Scan to Validate

Billing Time : Jul 27, 2024, 10:23 a.m.
Collection Time : Jul 27, 2024, 10:35 a.m.
Reporting Time : Jul 27, 2024, 01:42 p.m.
Sample ID : 002520924

Test Description	Value(s)	Unit(s)	Reference Range
COMPLETE BLOOD COUNT (CBC)			
Hemoglobin (Hb)	15.4	gm/dL	13.5 - 18.0
Erythrocyte (RBC) Count	4.99	mil/cu.mm	4.7 - 6.0
Packed Cell Volume (PCV)	43.2	%	42 - 52
Mean Cell Volume (MCV)	86.57	fL	78 - 100
Mean Cell Haemoglobin (MCH)	30.86	pg	27 - 31
Mean Corpuscular Hb Concn. (MCHC)	35.65	g/dL	32 - 36
Red Cell Distribution Width (RDW)	13.0	%	11.5 - 14.0
Total Leucocytes (WBC) Count	5140	cell/cu.mm	4000-10000
Neutrophils	48	%	40 - 80
Lymphocytes	40	%	20 - 40
Monocytes	10	%	2 - 10
Eosinophils	2	%	1 - 6
Basophils	0	%	1-2
Absolute Neutrophil Count	2467.20	/c.mm	2000 - 7000
Absolute Lymphocyte Count	2056	/c.mm	1000 - 3000
Absolute Monocyte Count	514	/c.mm	200 - 1000
Absolute Eosinophil Count	102.80	/c.mm	20 - 500
Absolute Basophils Count	0	/c.mm	20 - 100
Platelet Count	248	10^3/ul	150 - 450
Mean Platelet Volume (MPV)	8.7	fL	7.2 - 11.7
PCT	0.22	%	0.2 - 0.5
PDW	9.0	%	9.0 - 17.0
ESR	**10**	mm/hr	13.5 - 18.0
GLUCOSE (F)			

DR.K.MURALEKAARTHIC
MD(Patho)

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Test Description	Value(s)	Unit(s)	Reference Range
Glucose fasting Method : GOD-POD	96.0	mg/dL	70 - 120

GLUCOSE (PP)

Blood Glucose-Post Prandial Method : GOD-POD	110.0	mg/dL	80 - 140

Glycosylated HbA1c

HbA1c (GLYCOSYLATED HEMOGLOBIN) **Method : (HPLC, NGSP certified)**	5.1	%	
Estimated Average Glucose :	99.67	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

BLOOD GROUP & RH TYPING

Blood Group (ABO typing) Method : Manual-Hemagglutination	"O"		
RhD Factor (Rh Typing) Method : Manual hemagglutination	Negative		

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Test Description	Value(s)	Unit(s)	Reference Range
RENAL PROFILE			
Urea	23.0	mg/dL	19-42
Method : Uricase			
Blood Urea Nitrogen-BUN	10.73	mg/dL	9-20
Method : Serum, Urease			
Creatinine	0.67	mg/dL	0.66-1.25
Method : Serum, Jaffe			
Uric Acid	3.7	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.

Test Description	Value(s)	Unit(s)	Reference Range
LIVER FUNCTION TEST			
Total Protein	7.3	g/dL	6.3-8.2
Method : Serum, Biuret, reagent blank end point			
Albumin	3.8	g/dL	3.5-5.0
Method : Serum, Bromocresol green			
Globulin	3.50	g/dL	1.8 - 3.6
Method : Serum, EIA			
A/G Ratio	**1.09**		1.2 - 2.2
Method : Serum, EIA			
Bilirubin - Total	0.6	mg/dL	0.3-1.2
Method : Serum, Jendrassik Grof			
Bilirubin - Direct	0.1	mg/dL	< 0.2
Method : Serum, Diazotization			
Bilirubin - Indirect	0.50	mg/dL	0.1 - 1.0
Method : Serum, Calculated			

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Test Description	Value(s)	Unit(s)	Reference Range
SGOT Method : Serum, UV with P5P, IFCC 37 degree	25.0	U/L	17-59
SGPT Method : Serum, UV with P5P, IFCC 37 degree	34.0	U/L	21-72
Alkaline Phosphatase Method : PNPP-AMP Buffer/Kinetic	67.0	U/L	30 - 120
GGT-Gamma Glutamyl Transpeptidae Method : Serum, G-glutamyl-carboxy-nitoanilide	13.0	U/L	< 55
LIPID PROFILE			
Cholesterol-Total Method : Spectrophotometry	176.0	mg/dL	Desirable level | < 200 Borderline High | 200-239 High | >or = 240
Triglycerides Method : Serum, Enzymatic, endpoint	87.0	mg/dL	Normal: < 150 Borderline High: 150-199 High: 200-499 Very High: >= 500
HDL Cholesterol Method : Serum, Direct measure-PEG	47.0	mg/dL	Normal: > 40 Major Risk for Heart: < 40
LDL Cholesterol Method : Enzymatic selective protection	111.60	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	17.40	mg/dL	6 - 38
CHOL/HDL Ratio Method : Serum, Enzymatic	3.74		3.5 - 5.0

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Test Description	Value(s)	Unit(s)	Reference Range
LDL/HDL Ratio	**2.37**		2.5 - 3.5

Method : Serum, Enzymatic

Note:

8-10 hours fasting sample is required.

THYROID PROFILE TEST - TOTAL

T3-Total	105.4	ng/dL	60 - 200
T4-Total	8.51	ug/dL	4.52 - 12.8
TSH-Ultrasensitive	1.55	uIU/mL	0.32 - 5.5

Method : CLIA

PSA-Total (Prostate-specific antigen-Total)

PSA Profile *

PSA (Prostate Specific Antigen)-Total	0.74	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.

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

- 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 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 :

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

- 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.

URINE GLUCOSE (PP)

URINE GLUCOSE (PP)	Nil		

URINE COMPLETE ANALYSIS,

	Physical Examination		
Quantity	30	ml	-
Colour	Pale Yellow		Pale yellow/Yellow
Appearance	Clear		Clear
Specific Gravity	1.010		1.005-1.025
pH	5.0		5.0 - 8.0
Deposit	**Present**		Absent
	Chemical Examination		
Protein	Absent		Absent
Sugar	Absent		Absent
Ketones	Absent		Absent
Bile Salt	Absent		Absent

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MD(Patho)

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Test Description	Value(s)	Unit(s)	Reference Range
Bile Pigment	Absent		Absent
Urobilinogen	Normal		Normal
	Microscopic Examination (/hpf)		
Pus Cell	2-4		Upto 5
Epithelial Cells	2-4		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

DR.K.MURALEKAARTHIC
MD(Patho)

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Patient Name	MR RAMKUMAR S	Age	39Yr
Patient ID	172872	Sex	Male
Referral Dr	MEDIWHEEL	Study Date	27 Jul 2024

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.**

Dr. Lokesh Babu., MD., (RD)
Consultant Radiologist

594, Obli Towers, | A-17, Near | 452/493, Miller Stop. | +91 99440 99994

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Patient Name	MR.S.RAMKUMAR	Age	39Yr
Patient ID	172872	Sex	Male
Referral Dr	MEDIWHEEL	Study Date	27 Jul 2024

USG REPORT - ABDOMEN AND PELVIS

LIVER:

Is normal in size ~ 12.4 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 ~ 11.8 cm and shows uniform echogenicity.

RIGHT KIDNEY:

Right kidney measures ~ 9.1 x 4.7 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 ~ 11.7 x 5 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.

BLADDER:

Is normal contour. No intra luminal echoes are seen.

PROSTATE:

Appears normal in size, measures ~ 3.2 x 3.1 x 3 cm (Vol - 16.2 cc)

594, Obli Towers, DB Road Cowley Brown | 28, Kamaraj Road, Hopes - Singanallur Main Road | A-17, Near Mahalingapuram Arch | 452/493, Miller Stop, PN Road

Patient Name	MR.S.RAMKUMAR	Age	39Yr
Patient ID	172872	Sex	Male
Referral Dr	MEDIWHEEL	Study Date	27 Jul 2024

RIGHT ILIAC FOSSA:

No focal fluid collections seen.

No evidence of hernia seen in anterior abdominal wall.

IMPRESSION:

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

  - Suggested clinical correlation.

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

Dr. Abinaya Rajasekaran, MD., RD.,
Reg. No: 119338

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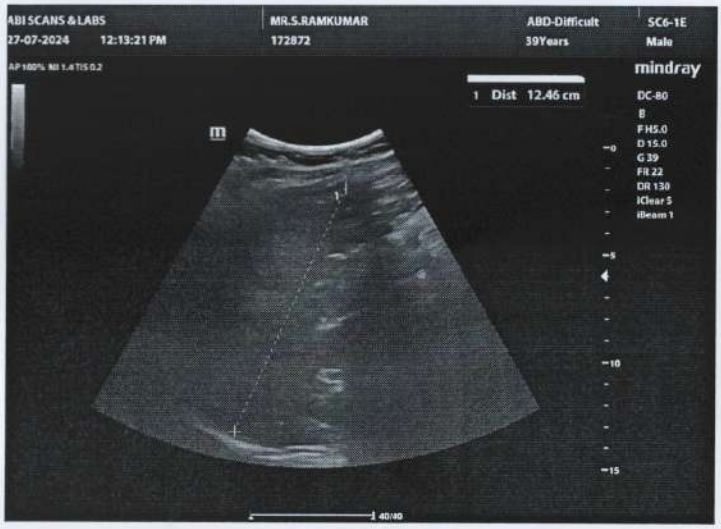
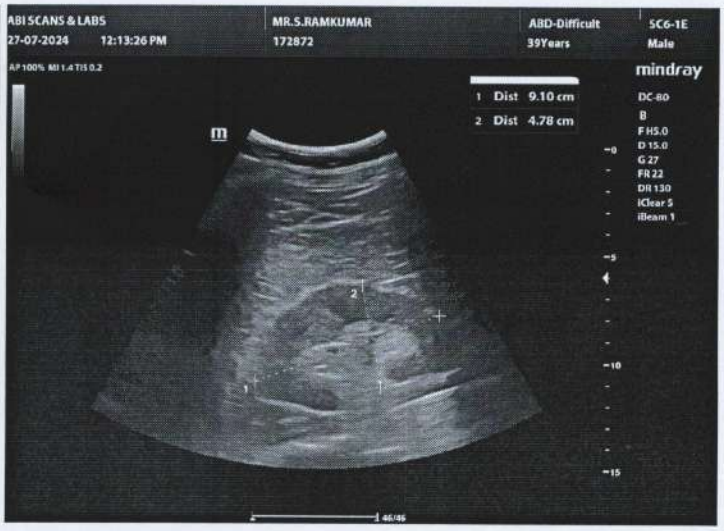

ABI SCANS & LABS
27-07-2024 12:13:21 PM
MR.S.RAMKUMAR
172872
ABD-Difficult
39Years
SC6-1E
Male
mindray
1 Dist 12.46 cm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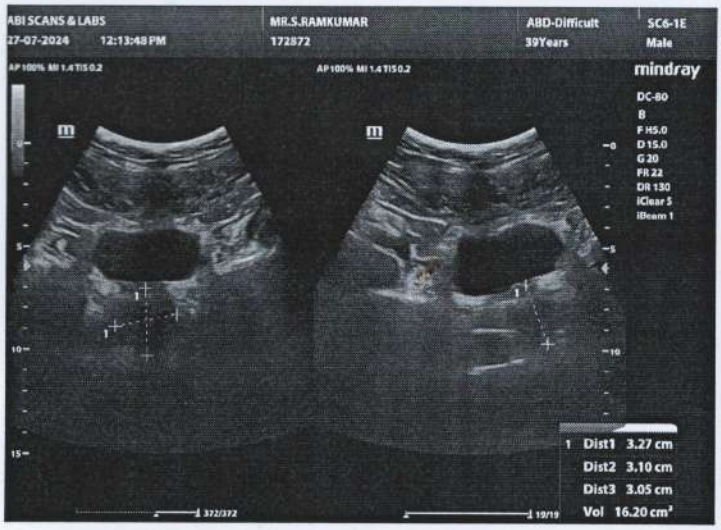
27-07-2024 12:13:26 PM
MR.S.RAMKUMAR
172872
ABD-Difficult
39Years
SC6-1E
Male
mindray
1 Dist 9.10 cm
2 Dist 4.78 cm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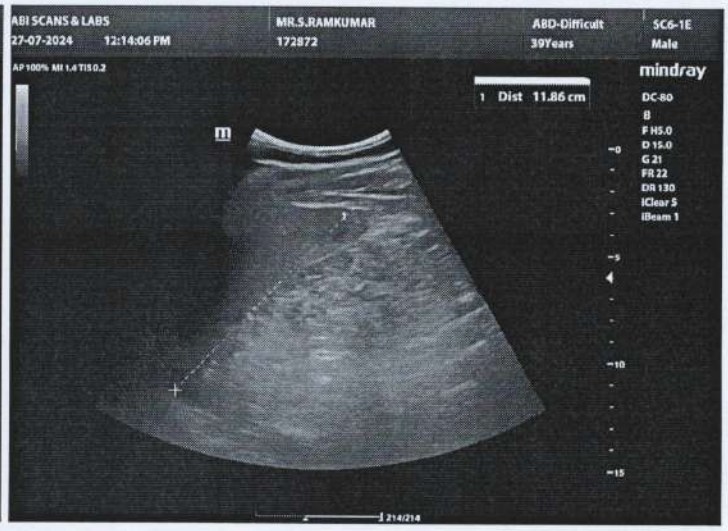
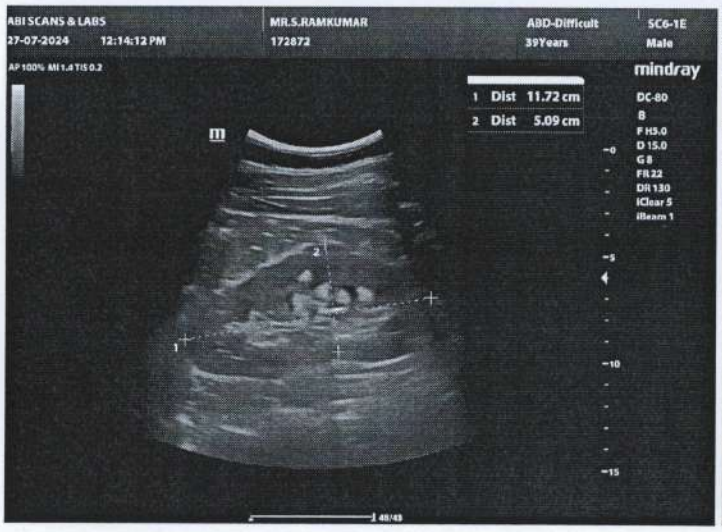
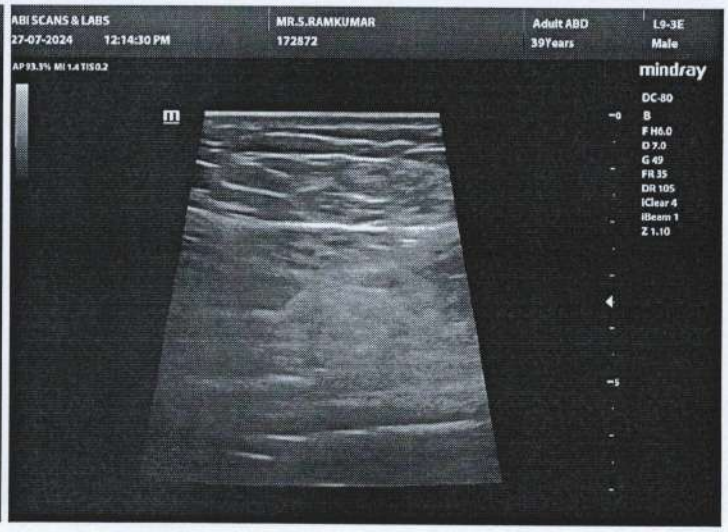
27-07-2024 12:13:48 PM
MR.S.RAMKUMAR
172872
ABD-Difficult
39Years
SC6-1E
Male
mindray
1 Dist1 3.27 cm
Dist2 3.10 cm
Dist3 3.05 cm
Vol 16.20 cm³


ABI SCANS & LABS
27-07-2024 12:14:06 PM
MR.S.RAMKUMAR
172872
ABD-Difficult
39Years
SC6-1E
Male
mindray
1 Dist 11.86 cm


ABI SCANS & LABS
27-07-2024 12:14:12 PM
MR.S.RAMKUMAR
172872
ABD-Difficult
39Years
SC6-1E
Male
mindray
1 Dist 11.72 cm
2 Dist 5.09 cm


ABI SCANS & LABS
27-07-2024 12:14:30 PM
MR.S.RAMKUMAR
172872
Adult ABD
39Years
L9-3E
Male
mindray

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ACCESSION NO	172872	AGE/GENDER	39Y/MALE
REFERRED BY	MEDIWHEEL	DATE	27-JULY-2024

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	08/11
Left	08/11
Both	10/11

NEAR VISION	
Right	N6
Left	N6
Both	N6

COLOUR VISION	
BOTH	Normal