Patient Name	MR. UDAYA KUMAR K	Age	55Yr
Patient ID	147453	Sex	Male
Referral Dr	MEDIWHEEL	Study Date	18 Nov 2023

USG REPORT - ABDOMEN AND PELVIS

LIVER:

Is normal in size ~ 11.6 cm and shows normal 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 ~ 8.8 cm and shows uniform echogenicity.

RIGHT KIDNEY:

Right kidney measures ~ 9.9 x 3.4 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 ~ 9.4 x 4.2 cms.

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

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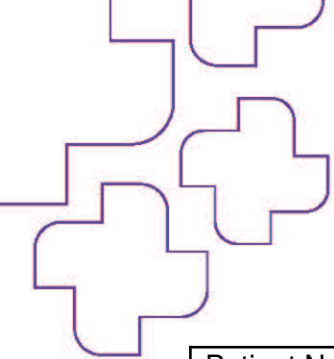
No calculi seen.

URINARY BLADDER:

Is normal contour. No intra luminal echoes are seen.

PROSTATE:

Prostate appears normal, Measures ~ 3 x 2.6 x 3.1 cms (Vol – 13.3 cc).
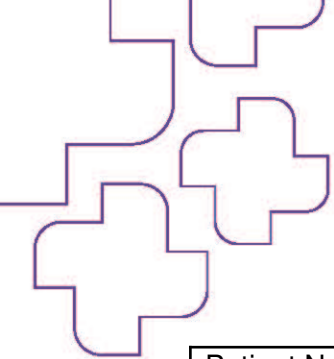
RIGHT ILIAC FOSSA:

No focal fluid collections seen.

No evidence of hernia seen in anterior abdominal wall.

IMPRESSION:

- **No significant abnormality seen in the present study.**
- **No obvious inflammation seen in right iliac fossa.**

        - Suggested clinical correlation.

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

Patient Name	MR. UDHAYA KUMAR K	Age	55Yr
Patient ID	157263	Sex	Male
Referral Dr	MEDIWHEEL	Study Date	18 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.

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

tricog

Age / Gender:	55/Male	Date and Time:	18th Nov 23 9:15 AM
Patient ID:	0000147453		
Patient Name:	MR. UDAYA KUMAR K		

I aVR V1 V4

II aVL V2 V5

III aVF V3 V6

II

25.0 mm/s 10.0 mm/mV   0-20Hz, 50Hz

tricog
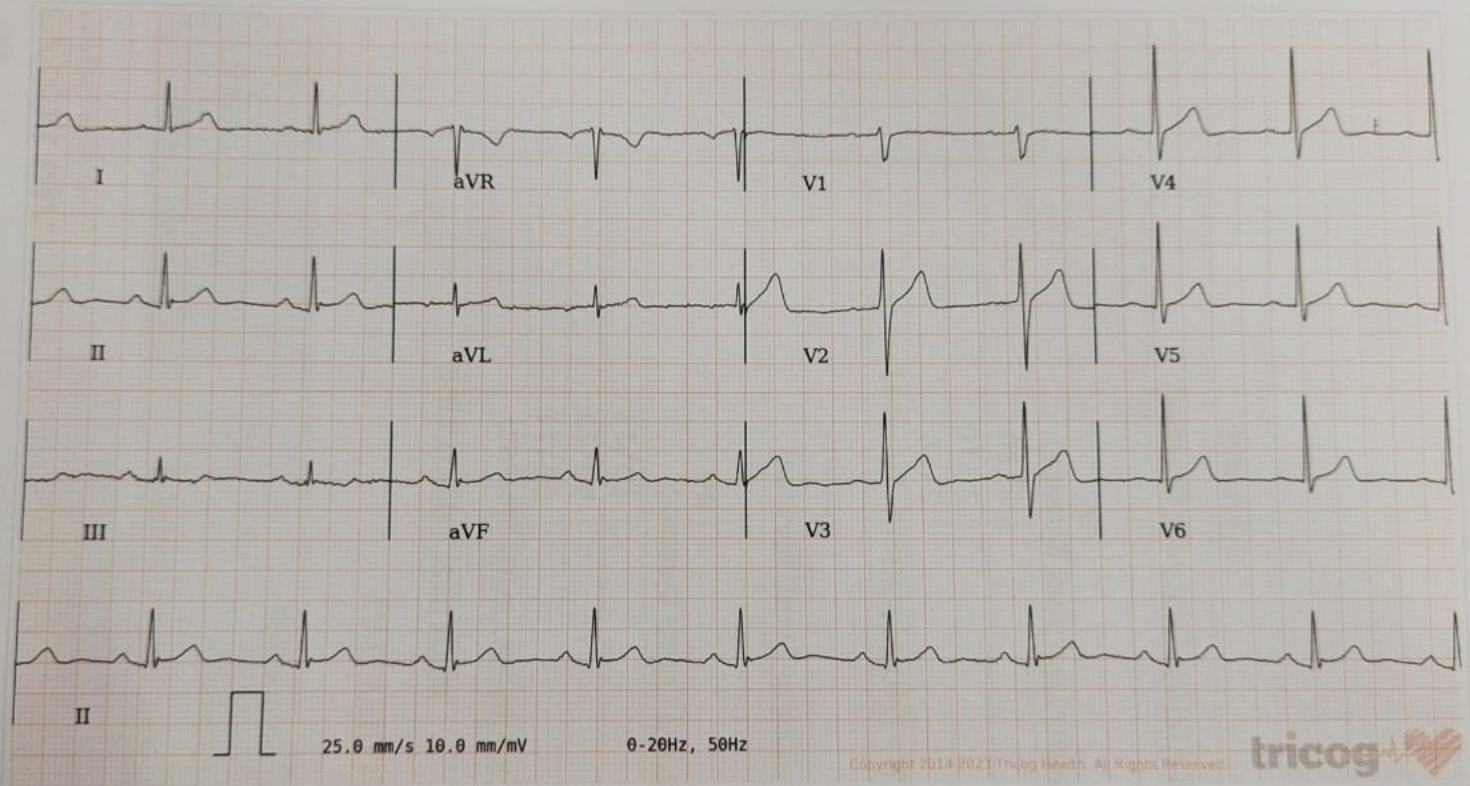
| AR: 62bpm | VR: 62bpm | QRSD: 102ms | QT: 402ms | QTcB: 408ms | PRI: 206ms | P-R-T: 71° 52° 45° |

ECG Within Normal Limits: Sinus Rhythm. Please correlate clinically.

NAME	MR. UDAYA KUMAR K	PATIENT ID	147453
ACCESSION NO	157263	AGE/GENDER	55Y/MALE
REFERRED BY	MEDIWHEEL	DATE	18-NOV-2023

ECHOCARDIOGRAPHIC EVALUATION

MEASUREMENTS: ACOUSTIC WINDOW: OPTIMAL

2D/ M MODE PARAMETERS:

Parameters	Patient Values	Normal Adult Value
LA	2.9	(2.0 – 4.0 cm)
AO	2.7	(2.0 – 4.0 cm)
LVIDD	4.1	(3.5 – 5.5 cm)
LVIDS	2.7	(2.5 – 4.3 cm)
IVSd	0.9	(0.6 – 1.2 cm)
LVPWd	0.8	(0.6 – 1.2 cm)
EF	62	(50% - 70%)

INTERPRETATION

❖ NORMAL LV WITH GOOD CONTRACTILITY.

❖ RA/RV/LA- NORMAL.

❖ VALVES – NORMAL.

❖ GREAT ARTERIES NORMALLY RELATED.

❖ INTERATRIAL SEPTUM /IVS- INTACT.

❖ IVC- NORMAL.

❖ NO PERICARDIAL EFFUSION.

NAME	MR. UDAYA KUMAR K	PATIENT ID	147453
ACCESSION NO	157263	AGE/GENDER	55Y/MALE
REFERRED BY	MEDIWHEEL	DATE	18-NOV-2023

IMPRESSION

❖ **ADEQUATE LV FUNCTION 62%**

❖ **NO SIGNIFICANT REGIONAL WALL MOTION ABNORMALITY SEEN.**

❖ **NO LVDD SEEN .**

❖ **NO SIGNIFICANT PAH SEEN .**

Dr. P. MOHAN MBBS : DIP CARDIO
Reg NO: 58281
CONSULTANT CARDIOLOGIST.

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Patient Name : MR. UDAYA KUMAR K

Age / Gender : 55 years / Male

Patient ID : 147453

Referral : MediWheel

Scan to Validate

Billing Time : Nov 18, 2023, 07:31 a.m.

Collection Time : Nov 18, 2023, 07:38 a.m.

Reporting Time : Nov 18, 2023, 01:26 p.m.

Sample ID :

000532223P

Test Description	Value(s)	Unit(s)	Reference Range
COMPLETE BLOOD COUNT (CBC)			
Hemoglobin (Hb)	15.5	gm/dL	13.5 - 18.0
Erythrocyte (RBC) Count	5.48	mil/cu.mm	4.7 - 6.0
Packed Cell Volume (PCV)	45.9	%	42 - 52
Mean Cell Volume (MCV)	83.76	fL	78 - 100
Mean Cell Haemoglobin (MCH)	28.28	pg	27 - 31
Mean Corpuscular Hb Concn. (MCHC)	33.77	g/dL	32 - 36
Red Cell Distribution Width (RDW)	12.2	%	11.5 - 14.0
Total Leucocytes (WBC) Count	6600	cell/cu.mm	4000-10000
Neutrophils	58	%	40 - 80
Lymphocytes	34	%	20 - 40
Monocytes	6	%	2 - 10
Eosinophils	2	%	1 - 6
Basophils	0	%	1-2
Absolute Neutrophil Count	3828	/c.mm	2000 - 7000
Absolute Lymphocyte Count	2244	/c.mm	1000 - 3000
Absolute Monocyte Count	396	/c.mm	200 - 1000
Absolute Eosinophil Count	132	/c.mm	20 - 500
Absolute Basophils Count	0	/c.mm	20 - 100
Platelet Count	227	10^3/ul	150 - 450
Mean Platelet Volume (MPV)	9.7	fL	7.2 - 11.7
PCT	0.22	%	0.2 - 0.5
PDW	10.7	%	9.0 - 17.0
ESR	15.0	mm/hr	13.5 - 18.0

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

URINE COMPLETE ANALYSIS,

Physical Examination

Test Description	Value(s)	Unit(s)	Reference Range
Quantity	30	ml	-
Colour	Pale Yellow		Pale yellow/Yellow
Appearance	Clear		Clear
Specific Gravity	1.005		1.005-1.025
pH	6.0		5.0 - 8.0
Deposit	**Present**		Absent

Chemical Examination

Test Description	Value(s)	Reference Range
Protein	Absent	Absent
Sugar	Absent	Absent
Ketones	Absent	Absent
Bile Salt	Absent	Absent
Bile Pigment	Absent	Absent
Urobilinogen	Normal	Normal

Microscopic Examination (/hpf)

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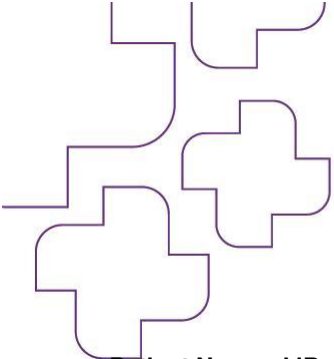| Test Description	Value(s)	Unit(s)	Reference Range

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

BLOOD GROUP & RH TYPING

Blood Group (ABO typing)   "A"
   Method : Manual-Hemagglutination

RhD Factor (Rh Typing)   Positive
   Method : Manual hemagglutination

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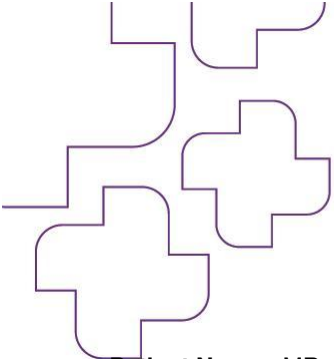
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Test Description	Value(s)	Unit(s)	Reference Range

urine glucose

urine glucose (R)

NEGATIVE

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

Glycosylated HbA1c

HbA1c (GLYCOSYLATED HEMOGLOBIN)	4.46	%	
Method : (HPLC, NGSP certified)			
Estimated Average Glucose :	81.30	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	87.0	ng/dL	60 - 200
T4-Total	7.2	ug/dL	4.52 - 12.8
TSH-Ultrasensitive	1.39	uIU/mL	0.32 - 5.5
Method : CLIA			

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Test Description	Value(s)	Unit(s)	Reference Range
LIPID PROFILE			
Cholesterol-Total	181.0	mg/dL	Desirable level | < 200
Method : Spectrophotometry			Borderline High | 200-239
			High | >or = 240
Triglycerides	120.0	mg/dL	Normal: < 150
Method : Serum, Enzymatic, endpoint			Borderline High: 150-199
			High: 200-499
			Very High: >= 500
HDL Cholesterol	42.0	mg/dL	Normal: > 40
Method : Serum, Direct measure-PEG			Major Risk for Heart: < 40
LDL Cholesterol	115	mg/dL	Optimal < 100
Method : Enzymatic selective protection			Near / Above Optimal 100-129
			Borderline High 130-159
			High 160-189
			Very High >or = 190
VLDL Cholesterol	24	mg/dL	6 - 38
Method : Serum, Enzymatic			
CHOL/HDL Ratio	4.31		3.5 - 5.0
Method : Serum, Enzymatic			
LDL/HDL Ratio	2.74		2.5 - 3.5
Method : Serum, Enzymatic			

Note:

8-10 hours fasting sample is required.

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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	0.91	mg/dL	0.66-1.25
Method : Serum, Jaffe			
Uric Acid	6.3	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	7.2	g/dL	6.3-8.2
Method : Serum, Biuret, reagent blank end point			
Albumin	4.3	g/dL	3.5-5.0
Method : Serum, Bromocresol green			
Globulin	2.90	g/dL	1.8 - 3.6
Method : Serum, EIA			
A/G Ratio	1.48		1.2 - 2.2
Method : Serum, EIA			
Bilirubin - Total	1.1	mg/dL	0.3-1.2
Method : Serum, Jendrassik Grof			
Bilirubin - Direct	0.2	mg/dL	< 0.2
Method : Serum, Diazotization			
Bilirubin - Indirect	0.90	mg/dL	0.1 - 1.0
Method : Serum, Calculated			
SGOT	23.0	U/L	17-59
Method : Serum, UV with P5P, IFCC 37 degree			
SGPT	28.0	U/L	21-72
Method : Serum, UV with P5P, IFCC 37 degree			
Alkaline Phosphatase	95.0	U/L	30 - 120
Method : PNPP-AMP Buffer/Kinetic			
GGT-Gamma Glutamyl Transpeptidae	31.0	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	0.68	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	88.0	mg/dL	70 - 120
Method : GOD-POD			

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Test Description	Value(s)	Unit(s)	Reference Range
GLUCOSE (PP)			
Blood Glucose-Post Prandial	94.0	mg/dL	80 - 140
Method : GOD-POD			

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NAME	MR. UDAYA KUMAR K	PATIENT ID	147453
ACCESSION NO	157263	AGE/GENDER	55Y/MALE
REFERRED BY	MEDIWHEEL	DATE	18-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	05/11
Left	03/11
Both	07/11

NEAR VISION	
Right	N6
Left	N6
Both	N6

COLOUR VISION	
BOTH	Normal