



TEST REPORT

Reg. No : 2211103272
Name : Ravi Kaushik
Age/Sex : 39 Years / Male
Ref. By :
Client : MEDIWHEEL WELLNESS

Reg. Date : 30-Nov-2022
Collected On : 30-Nov-2022 10:52
Approved On : 30-Nov-2022 12:00
Printed On : 08-Dec-2022 14:53

<u>Parameter</u>	<u>Result</u>	<u>Unit</u>	<u>Reference Interval</u>
KIDNEY FUNCTION TEST			
UREA <i>(Urease & glutamate dehydrogenase)</i>	14.9	mg/dL	10 - 50
Creatinine <i>(Jaffe method)</i>	0.68	mg/dL	0.5 - 1.4
Uric Acid <i>(Enzymatic colorimetric)</i>	5.6	mg/dL	2.5 - 7.0

----- End Of Report -----



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Reg. Date : 30-Nov-2022
Collected On : 30-Nov-2022 10:52
Approved On : 30-Nov-2022 11:47
Printed On : 08-Dec-2022 14:53

Parameter	Result	Unit	Reference Interval
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COMPLETE BLOOD COUNT (CBC)

SPECIMEN: EDTA BLOOD

Hemoglobin	14.8	g/dL	13.0 - 17.0
RBC Count	4.56	million/cmm	4.5 - 5.5
Hematocrit (PCV)	43.1	%	40 - 54
MCH	32.5	Pg	27 - 32
MCV	94.5	fL	83 - 101
MCHC	34.3	%	31.5 - 34.5
RDW	12.6	%	11.5 - 14.5
WBC Count	6750	/cmm	4000 - 11000

DIFFERENTIAL WBC COUNT (Flow cytometry)

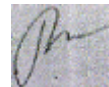
Neutrophils (%)	55	%	38 - 70
Lymphocytes (%)	40	%	20 - 40
Monocytes (%)	04	%	2 - 8
Eosinophils (%)	01	%	0 - 6
Basophils (%)	00	%	0 - 2
Neutrophils	3713	/cmm	
Lymphocytes	2700	/cmm	
Monocytes	270	/cmm	
Eosinophils	68	/cmm	
Basophils	0	/cmm	
Platelet Count (Flow cytometry)	352000	/cmm	150000 - 450000
MPV	8.6	fL	7.5 - 11.5

ERYTHROCYTE SEDIMENTATION RATE

ESR (After 1 hour)	08	mm/hr	0 - 14
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Modified Westergren Method

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Parameter

Result

BLOOD GROUP & RH

Specimen: EDTA and Serum; Method: Haemagglutination

ABO 'B'
Rh (D) Positive

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LIPID PROFILE			
Cholesterol <i>(Enzymatic colorimetric)</i>	215.0	mg/dL	Desirable : < 200.0 Borderline High : 200-239 High : > 240.0
Triglyceride <i>(Enzymatic colorimetric)</i>	211.7	mg/dL	Normal : < 150.0 Borderline : 150-199 High : 200-499 Very High : > 500.0
VLDL <i>Calculated</i>	42.34	mg/dL	15 - 35
LDL CHOLESTEROL	138.36	mg/dL	Optimal : < 100.0 Near / above optimal : 100-129 Borderline High : 130-159 High : 160-189 Very High : >190.0
HDL Cholesterol <i>Homogeneous enzymatic colorimetric</i>	34.3	mg/dL	30 - 70
Cholesterol /HDL Ratio <i>Calculated</i>	6.27		0 - 5.0
LDL / HDL RATIO <i>Calculated</i>	4.03		0 - 3.5



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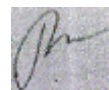
Table header with columns: Parameter, Result, Unit, Reference Interval

NEW ATP III GUIDELINES (MAY 2001), MODIFICATION OF NCEP<?xml:namespace prefix = "o" ns = "urn:schemas-microsoft-com:office:office" />

LDL CHOLESTEROL
CHOLESTEROL
HDL CHOLESTEROL
TRIGLYCERIDES
Optimal<100
Desirable<200
Low<40
Normal<150
Near Optimal 100-129
Border Line 200-239
High >60
Border High 150-199
Borderline 130-159
High >240
-
High 200-499
High 160-189
-
-

- LDL Cholesterol level is primary goal for treatment and varies with risk category and assesment
• For LDL Cholesterol level Please consider direct LDL value
Risk assessment from HDL and Triglyceride has been revised. Also LDL goals have changed.
• Detail test interpreation available from the lab
• All tests are done according to NCEP guidelines and with FDA approved kits.
• LDL Cholesterol level is primary goal for treatment and varies with risk category and assesment
For test performed on specimens received or collected from non-KSHIPRA locations, it is presumed that the specimen belongs to the patient named or identified as labeled on the container/test request and such verification has been carried out at the point generation of the said specimen by the sender.
KSHIPRA will be responsible Only for the analytical part of test carried out. All other responsibility will be of referring Laboratory.
. All other responsibility will be of referring Laboratory.

----- End Of Report -----





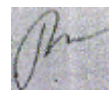
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Printed On : 08-Dec-2022 14:53

<u>Parameter</u>	<u>Result</u>	<u>Unit</u>	<u>Reference Interval</u>
LIVER FUNCTION TEST WITH GGT			
Total Bilirubin <i>Colorimetric diazo method</i>	0.52	mg/dL	0.10 - 1.0
Conjugated Bilirubin <i>Sulph acid dpl/caff-benz</i>	0.10	mg/dL	0.0 - 0.3
Unconjugated Bilirubin <i>Sulph acid dpl/caff-benz</i>	0.42	mg/dL	0.0 - 1.1
SGOT <i>(Enzymatic)</i>	26.3	U/L	0 - 37
SGPT <i>(Enzymatic)</i>	28.8	U/L	0 - 40
GGT <i>(Enzymatic colorimetric)</i>	25.6	U/L	11 - 49
Alakaline Phosphatase <i>(Colorimetric standardized method)</i>	102.3	U/L	53 - 130
<u>Protien with ratio</u>			
Total Protein <i>(Colorimetric standardized method)</i>	6.7	g/dL	6.5 - 8.7
Albumin <i>(Colorimetric standardized method)</i>	4.2	mg/dL	3.5 - 5.3
Globulin <i>Calculated</i>	2.50	g/dL	2.3 - 3.5
A/G Ratio <i>Calculated</i>	1.68		0.8 - 2.0

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<u>Parameter</u>	<u>Result</u>	<u>Unit</u>	<u>Reference Interval</u>
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HEMOGLOBIN A1 C ESTIMATION

Specimen: Blood EDTA

Hb A1C <i>Boronate Affinity with Fluorescent Quenching</i>	5.0	% of Total Hb	Poor Control : > 7.0 % Good Control : 6.2-7.0 % Non-diabetic Level : 4.3-6.2 %
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Mean Blood Glucose <i>Calculated</i>	100.70	mg/dL	
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Degree of Glucose Control Normal Range:

Poor Control >7.0% *

Good Control 6.0 - 7.0 %**Non-diabetic level < 6.0 %

* High risk of developing long term complication such as retinopathy, nephropathy, neuropathy, cardiopathy, etc.

* Some danger of hypoglycemic reaction in Type I diabetics.

* Some glucose intolerant individuals and "subclinical" diabetics may demonstrate HbA1c levels in this area.

EXPLANATION :-

*Total haemoglobin A1 c is continuously synthesised in the red blood cell through its 120 days life span. The concentration of HbA1c in the cell reflects the average blood glucose concentration it encounters.

*The level of HbA1c increases proportionately in patients with uncontrolled diabetes. It reflects the average blood glucose concentration over an extended time period and remains unaffected by short-term fluctuations in blood glucose levels.

*The measurement of HbA1c can serve as a convenient test for evaluating the adequacy of diabetic control and in preventing various diabetic complications. Because the average half life of a red blood cell is sixty days, HbA1c has been accepted as a measurement which reflects the mean daily blood glucose concentration, better than fasting blood glucose determination, and the degree of carbohydrate imbalance over the preceding two months.

*It may also provide a better index of control of the diabetic patient without resorting to glucose loading procedures.

HbA1c assay Interferences:

*Erroneous values might be obtained from samples with abnormally elevated quantities of other Haemoglobins as a result of either their simultaneous elution with HbA1c(HbF) or differences in their glycation from that of HbA(HbS)

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Approved On : 30-Nov-2022 16:56
Printed On : 08-Dec-2022 14:53

Parameter	Result	Unit	Reference Interval
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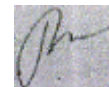
PLASMA GLUCOSE

Fasting Blood Sugar (FBS) <i>Hexokinase Method</i>	103.0	mg/dL	70 - 110
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Post Prandial Blood Sugar (PPBS) <i>Hexokinase Method</i>	135.0	mg/dL	70 - 140
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Criteria for the diagnosis of diabetes 1. HbA1c \geq 6.5 *
Or
2. Fasting plasma glucose $>$ 126 gm/dL. Fasting is defined as no caloric intake at least for 8 hrs.
Or
3. Two hour plasma glucose \geq 200mg/dL during an oral glucose tolerance test by using a glucose load containing equivalent of 75 gm anhydrous glucose dissolved in water.
Or
4. In a patient with classic symptoms of hyperglycemia or hyperglycemic crisis, a random plasma glucose \geq 200 mg/dL.
*In the absence of unequivocal hyperglycemia, criteria 1-3 should be confirmed by repeat testing.
American diabetes association. Standards of medical care in diabetes 2011. Diabetes care 2011;34;S11.

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Parameter	Result	Unit	Reference Interval
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THYROID FUNCTION TEST

T3 (Triiodothyronine) <i>Chemiluminescence</i>	1.06	ng/mL	0.87 - 1.81
T4 (Thyroxine) <i>Chemiluminescence</i>	8.06	µg/dL	5.89 - 14.9
TSH (ultra sensitive) <i>Chemiluminescence</i>	1.749	µIU/ml	0.34 - 5.6

SUMMARY The hypophyseal release of TSH (thyrotropic hormone) is the central regulating mechanism for the biological action of thyroid hormones. TSH is a very sensitive and specific parameter for assessing thyroid function and is particularly suitable for early detection or exclusion of disorders in the central regulating circuit between the hypothalamus, pituitary and thyroid. **LIMITATION** Presence of autoantibodies may cause unexpected high value of TSH

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Parameter	Result	Unit	Reference Interval
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URINE ROUTINE EXAMINATION

PHYSICAL EXAMINATION

Quantity : 20 cc
Colour : Pale Yellow
Appearance : Clear

CHEMICAL EXAMINATION (BY REFLECTANCE PHOTOMETRIC METHOD)

pH	6.0	5.0 - 8.0
Sp. Gravity	1.020	1.002 - 1.03
Protein	Nil	
Glucose	Nil	
Ketone Bodies	Nil	
Urine Bile salt and Bile Pigment	Nil	
Urine Bilirubin	Nil	
Nitrite	Nil	
Leucocytes	Nil	
Blood	Nil	

MICROSCOPIC EXAMINATION (MANUAL BY MCIROSCOPY)

Leucocytes (Pus Cells)	Occasional/hpf
Erythrocytes (Red Cells)	Nil
Epithelial Cells	1-2/hpf
Amorphous Material	Nil
Casts	Nil
Crystals	Nil
Bacteria	Nil
Monilia	Nil

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STOOL EXAMINATION

Colour	Yellow
Consistency	Semi Solid

CHEMICAL EXAMINATION

Occult Blood	Negative
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Peroxidase Reaction with o-Dianisidine

Reaction	Acidic
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pH Strip Method

Reducing Substance	Absent
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Benedict's Method

MICROSCOPIC EXAMINATION

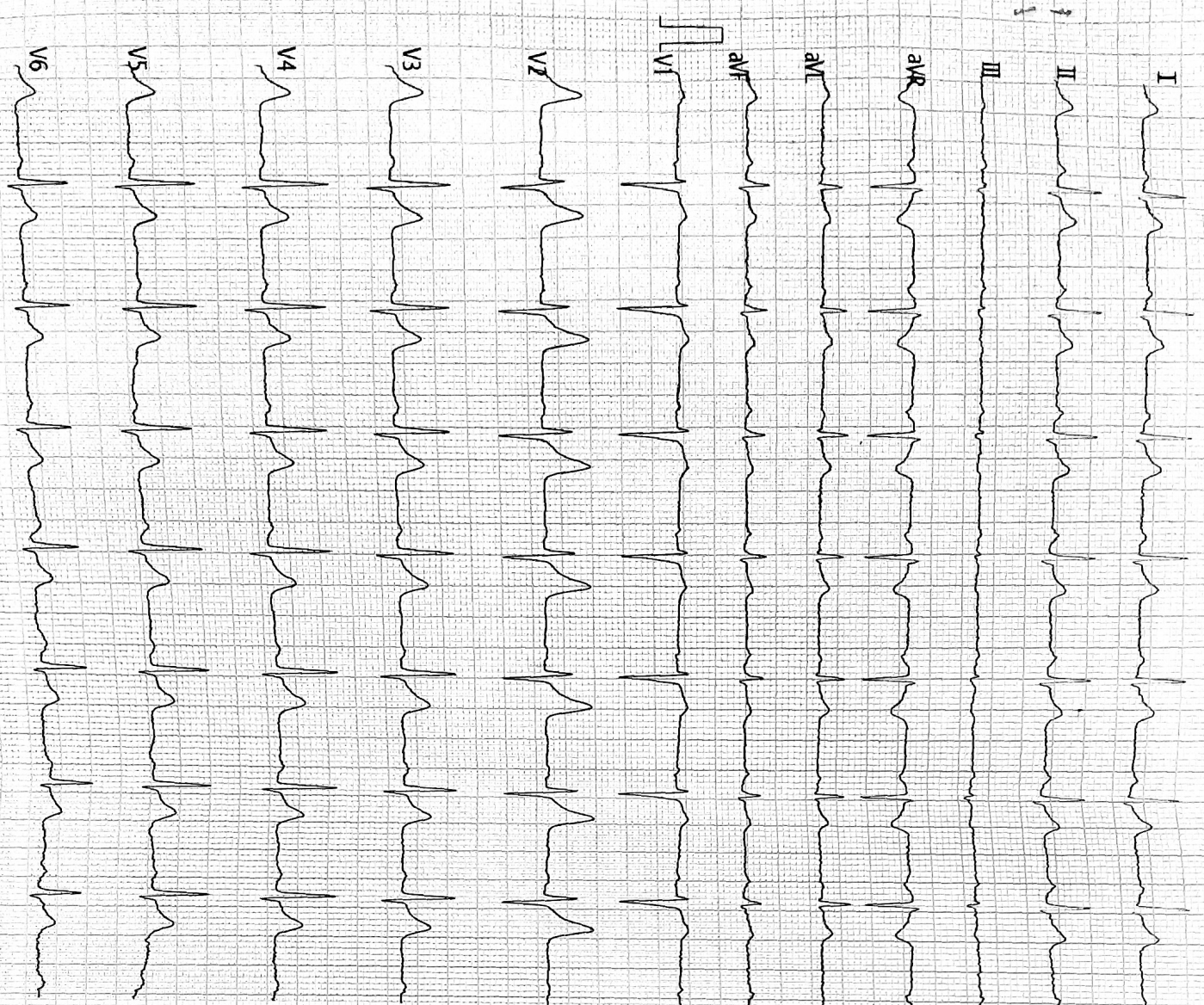
Mucus	Nil
Pus Cells	Plenty/hpf
Red Cells	Nil
Epithelial Cells	Nil
Vegetable Cells	Nil
Trophozoites	Nil
Cysts	Nil
Ova	Nil
Neutral Fat	Nil
Monilia	Nil

Note: Stool occult blood test is highly sensitive to peroxidase like activity of free hemoglobin.

False negative: False negative occult blood test may be observed in case of excess (>250mg/day) Vitamin C intake and in case of occasional unruptured RBCs.

False positive: False positive occult blood test may be observed in stool samples containing vegetable peroxidase (turnips, horseradish, cauliflower, broccoli, cantaloupe, parsnips) and myoglobin from food (meat diet) intake.

----- End Of Report -----



Vent. Rate(BPM): 76

PR Int.(ms): 148

P/QRS/T Int.(ms): 109 95 154

QT/QTc Int.(ms): 332 377

P/QRS/T Axis(Deg.): 52 29 37

RV1/SV5 Amp.(mV): 0.17 0.21

RV5/SV1 Amp.(mV): 0.99 0.93

<ECG Analysis Result>

800 Normal Sinus Rhythm

*** Normal ECG ***

V2 33 Technician:

Note: Unconfirmed Report Need the

ST LEVEL(mV)

	I	II	III	aVR	aVL	aVF
	+0.03	+0.04	+0.01	-0.03	+0.00	+0.02
V1		V2	V3	V4	V5	V6
	+0.04	+0.12	+0.08	+0.07	+0.06	+0.04



Name	:	Mr. Ravi kaushik	Age	:	39Yrs. / M
Thanks To	:	Mediwheel wellness	Date	:	30/11/2022

X-RAY CHEST (PA VIEW)

Both lung fields appear normal.

No e/o Koch's lesion or consolidation seen.

Both CP angles appear clear.

Both domes of diaphragm appear normal.

Heart size and aorta are within normal limits.

Bony thorax under vision appears normal.

Both hila appear normal.


Consultant Radiologist

(This report is not valid for any Medico-legal purpose)

Name	: Mr. Ravi Kaushik	Age	: 39Yrs. / M
Thanks To	: Self	Date	: 30/11/2022

Echocardiography

Final Interpretation

1. No RWMA, Normal LV systolic function, LVEF - 65%
2. Normal Cardiac chamber dimensions
3. Trace MR/Mild TR/PAH (PASP=RAP+25mmHg).
4. Normal mitral inflow pattern.
5. No clot/mass pathology.

M-Mode/2-D Description:

- **Left Ventricle:** It is normal sized.
- **Left Atrium:** It is normal sized.
- **Right Atrium:** It is normal sized.
- **Right Ventricle:** It is normal sized. RV systolic function is normal.
- **Aortic Valve:** It appears normal.
- **Mitral Valve:** It appears normal.
- **Tricuspid Valve:** It appears normal.
- **Pulmonic Valve:** It appears normal.
- **Main Pulmonary artery & its branches:** Appear normal.
- **Pericardium:** There is no pericardial effusion.

Doppler Analysis:

- **Pulmonic Regurgitation** : Nil
- **Mitral Regurgitation** : Trace
- **Aortic Regurgitation** : Nil
- **Tricuspid Regurgitation** : Mild
- **Diastolic Parameters** :

P.T.O.



Kshipra Scans & Labs

Scans & Labs

Echocardiography

Measurements (mm):

	Observed values	Normal values
Aortic root diameter	25	20-36 (22mm/M ²)
Aortic valve opening		15-26
Left atrium size	30	19-40

	End Diastole	End Systole	Normal Values
Left ventricle size	50	33	(ED=37-56:Es=22-40)
Interventricular septum	11	14	(ED=6-12)
Posterior wall thickness	11	14	(ED=5-10)

LV.Ejection Fraction (%)	65%	55%-80%
HR		

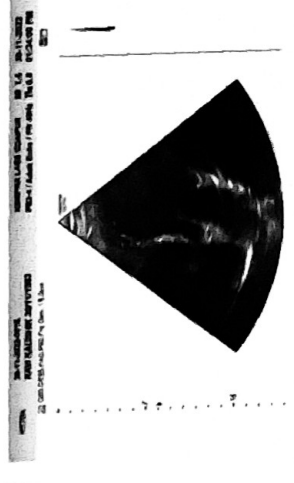
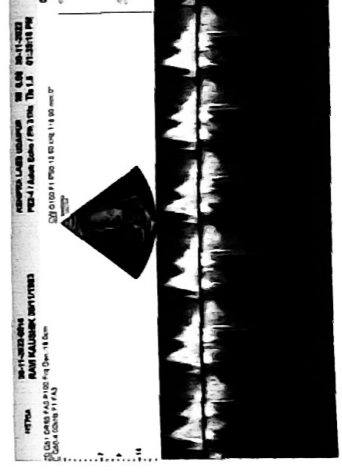
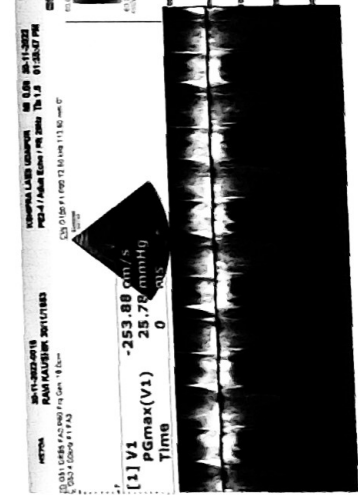
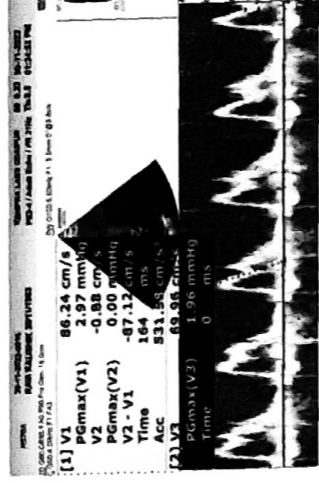
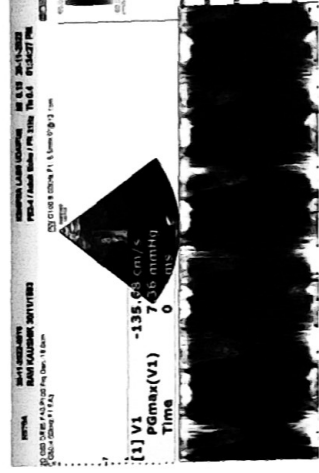
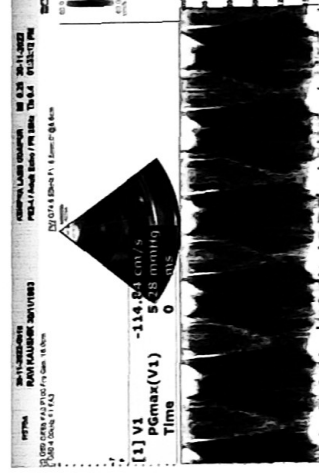
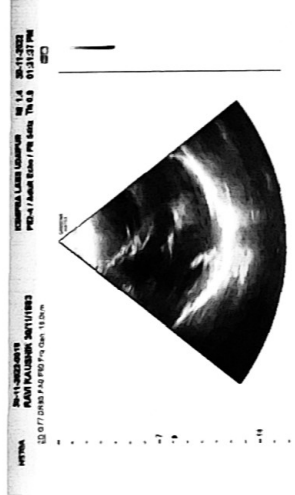
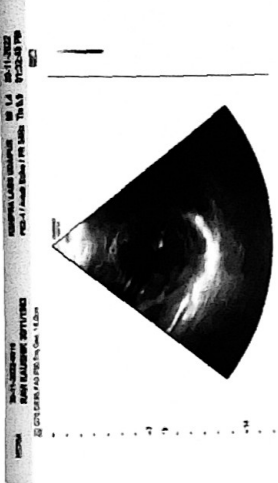
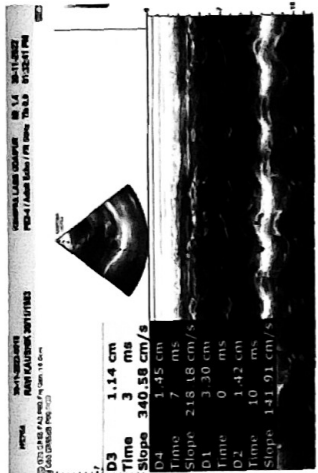
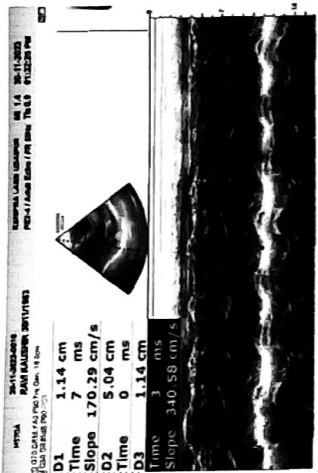
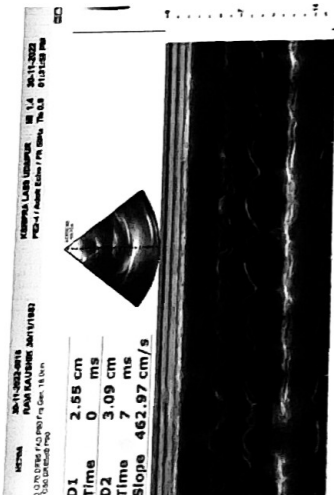
Maximum Velocity across valve (cm/s)

Pulmonary	114	Aortic	135

Mitral Inflow Pattern		Normal values
E/A	86/69	1-25
DT	164	160-200ms
PHT		
PVs:PVd		PVs>PVd

Consultant Radiologist

(This report is not valid for any Medico-legal purpose)



Name	: Mr. Ravi kaushik	Age	: 39Yrs. / M
Thanks To	: Mediwheel wellness	Date	: 30/11/2022

ULTRASOUND STUDY OF WHOLE ABDOMEN

LIVER

Liver is mild enlarged in size & bright in echotexture. No focal mass lesion is seen. Intra hepatic biliary radicles are normal. Portal vein is normal in caliber.

GALL BLADDER

Gall bladder is well distended. The wall thickness appears normal. No evidence of calculus or mass lesion is seen. C.B.D. appears normal.

PANCREAS

Pancreas is normal in size, shape & echotexture. No focal mass lesion is seen.

SPLEEN

Spleen is normal in size, shape & echotexture. No focal mass lesion is seen.

BOTH KIDNEYS

Both kidneys are normal in size, shape & echotexture. Renal parenchyma appears normal. No evidence of hydronephrosis, calculus or cortical scarring is seen in either kidney.

Right kidney measures : 11.3 x 5.0 cms.

Left kidney measures : 10.5 x 4.8 cms.

URINARY BLADDER

Urinary bladder is well distended and appears normal in contour. The wall thickness appears normal.

PROSTATE

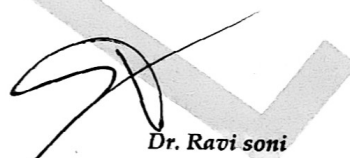
Prostate is normal in size, shape and echotexture.

No obvious abdominal lymphadenopathy is seen.

No free fluid is seen in peritoneal cavity.

OPINION:

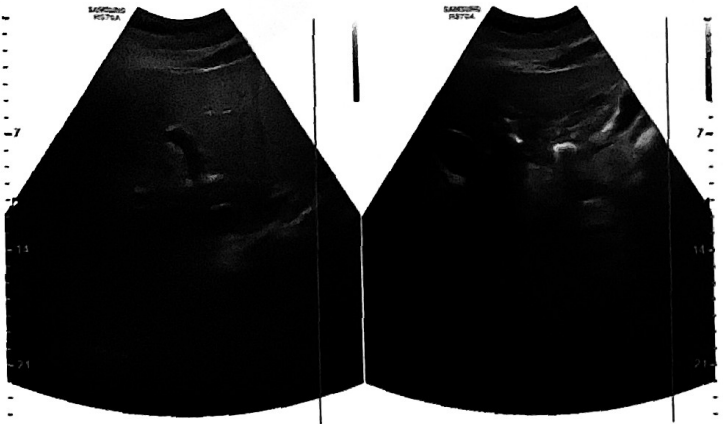
- *Mild hepatomegaly with fatty liver grade I.*


Dr. Ravi soni
MD (Radio-Diagnosis)
Consultant Radiologist

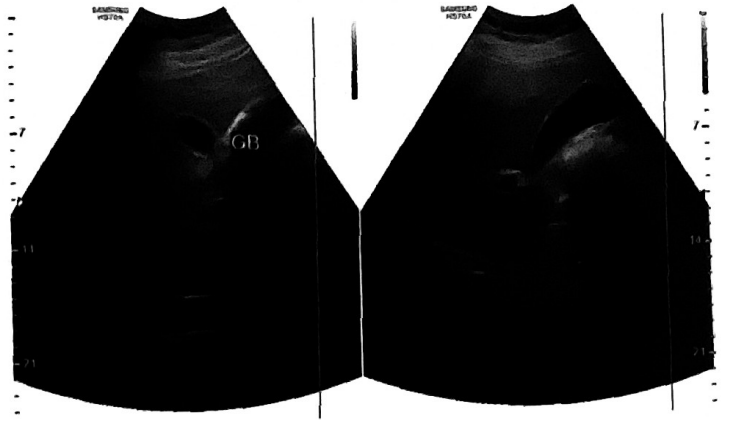
(This report is not valid for any Medico-legal purpose)

ENCL: - PCPNDT Registration Certificate is printed on the back side of this report.

30-11-2022-0006
Ravi Kaushik
KSHIPRA LABS UDAIPUR MI 1.4 30-11-2022
CA1-7A / Abdomen / FR 18Hz Tls 0.1 12:04:13 PM
G73 DR135 FA8 P90 Frq Gen. 24.0cm



HS70A 30-11-2022-0006
Ravi Kaushik
KSHIPRA LABS UDAIPUR MI 1.4 30-11-2022
CA1-7A / Abdomen / FR 18Hz Tls 0.1 12:04:29 PM
G77 DR135 FA8 P90 Frq Gen. 24.0cm



HS70A 30-11-2022-0006
Ravi Kaushik
KSHIPRA LABS UDAIPUR MI 1.4 30-11-2022
CA1-7A / Abdomen / FR 18Hz Tls 0.1 12:04:44 PM
G87 DR135 FA8 P90 Frq Gen. 24.0cm



D1 11.33 cm
D2 5.01 cm

HS70A 30-11-2022-0006
Ravi Kaushik
KSHIPRA LABS UDAIPUR MI 1.4 30-11-2022
CA1-7A / Abdomen / FR 18Hz Tls 0.1 12:04:53 PM
G57 DR135 FA8 P90 Frq Gen. 24.0cm



HS70A 30-11-2022-0006
Ravi Kaushik
KSHIPRA LABS UDAIPUR MI 1.4 30-11-2022
CA1-7A / Abdomen / FR 18Hz Tls 0.1 12:05:13 PM
G50 DR135 FA8 P90 Frq Gen. 24.0cm



D1 10.54 cm
D2 4.86 cm

HS70A 30-11-2022-0006
Ravi Kaushik
KSHIPRA LABS UDAIPUR MI 1.4 30-11-2022
CA1-7A / Abdomen / FR 18Hz Tls 0.1 12:05:32 PM
G57 DR135 FA8 P90 Frq Gen. 24.0cm

