

TEST REPORT

Reg. No : 2304100755

Name : Umesh Kumar Mali Age/Sex : 32 Years / Male

Ref. By

Client : MEDIWHEEL WELLNESS Reg. Date

: 08-Apr-2023

Collected On : 08-Apr-2023 11:05

Approved On : 17-Apr-2023 08:01

Printed On : 17-Apr-2023 08:42

<u>Parameter</u>	Result	<u>Unit</u>	Reference Interval	
	KIDNEY FU	JNCTION TEST		
UREA (Urease & glutamate dehydrogenase)	30.0	mg/dL	10 - 50	
Creatinine (Jaffe method)	0.93	mg/dL	0.5 - 1.4	
Uric Acid (Enzymatic colorimetric)	6.9	mg/dL	2.5 - 7.0	

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Hemoglobin

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<u>Result</u>	<u>Unit</u>	Reference Interval
COMPLETE BLO	•	CBC)
SPECIMEN:	EDTA BLOOD	
14.2	g/dL	13.0 - 17.0
4 73	million/cmm	45-55

RBC Count	4.73	million/cmm	4.5 - 5.5
Hematrocrit (PCV)	44.2	%	40 - 54
MCH	30.0	Pg	27 - 32
MCV	93.4	fL	83 - 101
MCHC	32.1	%	31.5 - 34.5
RDW	13.2	%	11.5 - 14.5
WBC Count	12200	/cmm	4000 - 11000
DIFFERENTIAL WBC COUNT (Flow	cvtometry)		

70	%
23	%
05	%
02	%
00	%
8540	/cmm
2806	/cmm
610	/cmm
244	/cmm
0	/cmm
	23 05 02 00 8540 2806 610 244

Platelet Count (Flow cytometry) /cmm 150000 - 450000 214000 MPV 10.2 fL 7.5 - 11.5

ERYTHROCYTE SEDIMENTATION RATE

ESR (After 1 hour) 80 mm/hr 0 - 14

Modified Westergren Method

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MD Pathologist

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Paramete	<u>er</u>	Result		
	Specimen	BLOOD GROUP & RH: EDTA and Serum; Method: Haemagglu	ıtination	
ABO		'A'		
Rh (D)		Positive		
		End Of Report		



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LIPID PROFILE								
Cholesterol (Enzymatic colorimetric)	195.4	mg/dL	Desirable : < 200.0 Borderline High : 200-239 High : > 240.0					
Triglyceride (Enzymatic colorimetric)	201.3	mg/dL	Normal : < 150.0 Borderline : 150-199 High : 200-499 Very High : > 500.0					
VLDL	40.26	mg/dL	15 - 35					
Calculated								
LDL CHOLESTEROL	111.14	mg/dL	Optimal : < 100.0 Near / above optimal : 100-129 Borderline High : 130-159 High : 160-189 Very High : >190.0					
HDL Cholesterol	44.0	mg/dL	30 - 70					
Homogeneous enzymatic colorim	etric							
Cholesterol /HDL Ratio Calculated	4.44		0 - 5.0					
LDL / HDL RATIO Calculated	2.53		0 - 3.5					

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NEW ATP III GUIDELINES (MAY 2001), MODIFICATION OF NCEP<?xml:namespace prefix = "o" ns = "urn:schemasmicrosoft-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 assessment
- 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.

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DR PS RAO

MD Pathologist

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LIVER FUNCTION TEST WITH GGT								
Total Bilirubin	0.75	mg/dL	0.10 - 1.0					
Colorimetric diazo method								
Conjugated Bilirubin	0.17	mg/dL	0.0 - 0.3					
Sulph acid dpl/caff-benz								
Unconjugated Bilirubin	0.58	mg/dL	0.0 - 1.1					
Sulph acid dpl/caff-benz								
SGOT	31.3	U/L	0 - 37					
(Enzymatic)								
SGPT	61.9	U/L	0 - 40					
(Enzymatic)								
GGT	33.4	U/L	11 - 49					
(Enzymatic colorimetric)								
Alakaline Phosphatase	102.4	U/L	53 - 130					
(Colorimetric standardized method)								
Protien with ratio								
Total Protein	7.2	g/dL	6.5 - 8.7					
(Colorimetric standardized method)								
Albumin	4.3	mg/dL	3.5 - 5.3					
(Colorimetric standardized method)								
Globulin	2.90	g/dL	2.3 - 3.5					
Calculated								
A/G Ratio	1.48		0.8 - 2.0					
Calculated								

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HEMOGLOBIN A1 C ESTIMATION

Specimen: Blood EDTA

Hb A1C

% of Total Hb

Poor Control: > 7.0 % Good Control: 6.2-7.0 % Non-diabetic Level: 4.3-6.2 %

Mean Blood Glucose

Boronate Affinity with Fluorescent Quenching

132.74

5.9

mg/dL

Calculated

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 symthesised in the red blood cell throught 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 oncentration 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 measurnment which effects 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:

*Errneous 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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<u>Unit</u> Reference Interval **Parameter** Result

PLASMA GLUCOSE

Fasting Blood Sugar (FBS)

89.0

mg/dL

70 - 110

Hexokinase Method

Post Prandial Blood Sugar (PPBS)

102.1

mg/dL

70 - 140

Hexokinase Method Criteria for the diagnosis of diabetes1. HbA1c >/= 6.5 *

2. Fasting plasma glucose >126 gm/dL. Fasting is defined as no caloric intake at least for 8 hrs.

3. Two hour plasma glucose >/= 200mg/dL during an oral glucose tolerence test by using a glucose load containing equivalent of 75 gm anhydrous glucose dissolved in water.

4. In a patient with classic symptoms of hyperglycemia or hyperglycemic crisis, a random plasma glucose >/= 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	
	THYRO	ID FUNCTION TE	:ST	
T3 (Triiodothyronine)	1.42	ng/mL	0.87 - 1.81	
Chemiluminescence				
T4 (Thyroxine)	9.64	μg/dL	5.89 - 14.9	
Chemiluminescence				
TSH (ultra sensitive)	0.937	μIU/ml	0.34 - 5.6	
Chemiluminescence				

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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URINE ROUTINE EXAMINATION

PHYSICAL EXAMINATION

Quantity 20 cc Pale Yellow Colour Clear **Appearance**

CHEMICAL EXAMINATION (BY REFLECTANCE PHOTOMETRIC METHOD)

5.0 - 8.0рН 6.0 1.010 1.002 - 1.03 Sp. Gravity

Nil Protein Nil Glucose 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) Occasional/hpf

Epithelial Cells 1-2/hpf Amorphous Material Nil Nil Casts Nil Crystals Bacteria Nil Monilia Nil

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STOOL EXAMINATION

Consistency Semi Solid

CHEMICAL EXAMINATION

Occult Blood Negative

Peroxidase Reaction with o-

Dianisidine

Acidic Reaction

pH Strip Method

Reducing Substance Absent

Benedict's Method

MICROSCOPIC EXAMINATION

Mucus Nil

Pus Cells 1 - 2/hpf

Red Cells Nil **Epithelial Cells** Nil Vegetable Cells Nil **Trophozoites** Nil Cysts Nil Ova Nil Neutral Fat Nil

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

Nil

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

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

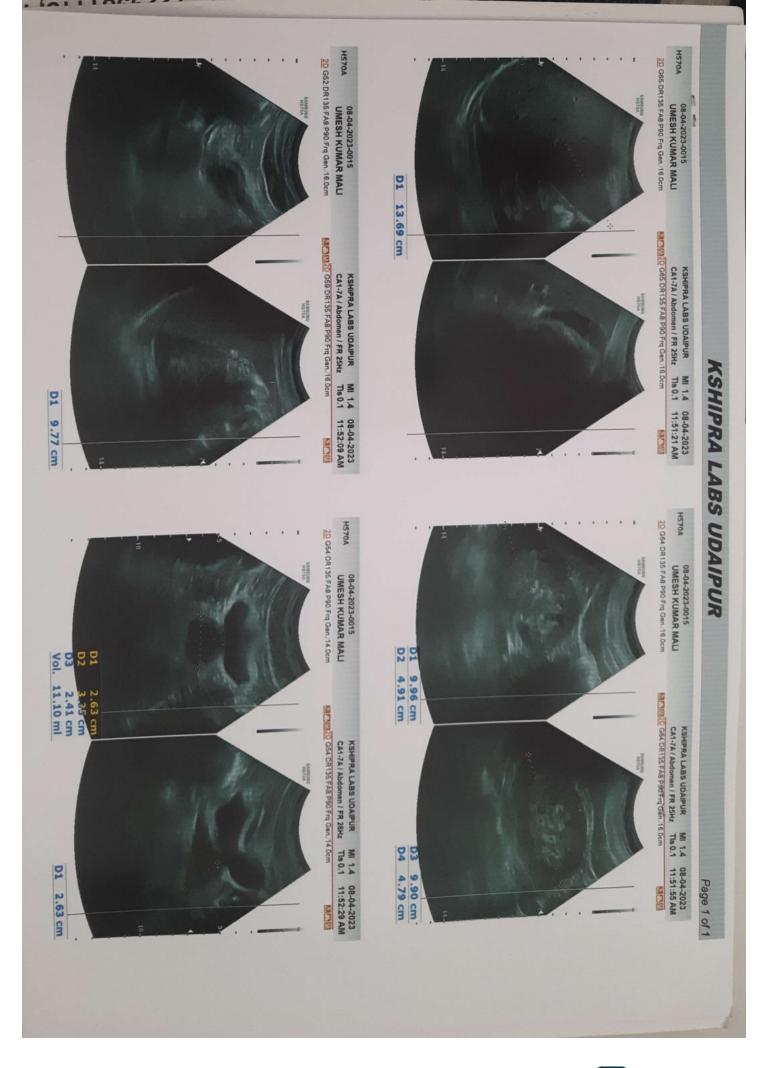
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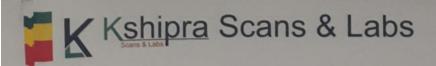
----- End Of Report -----

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Monilia

Approved by:





Name	:	Mr. Umesh kumar	Age	:	32Yrs. / M	
Thanks To	:	Mediwheel	Date	:	08/04/2023	

ULTRASOUND STUDY OF WHOLE ABDOMEN

LIVER

Liver is normal in size, shape & 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

: 9.9 x 4.9 cms.

Left kidney measures

: 9.9 x 4.7 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. It measures 2.6 x 3.3 x 2.4cms. Volume: 11cc.

No obvious abdominal lymphadenopathy is seen.

No free fluid is seen in peritoneal cavity.

OPINION:

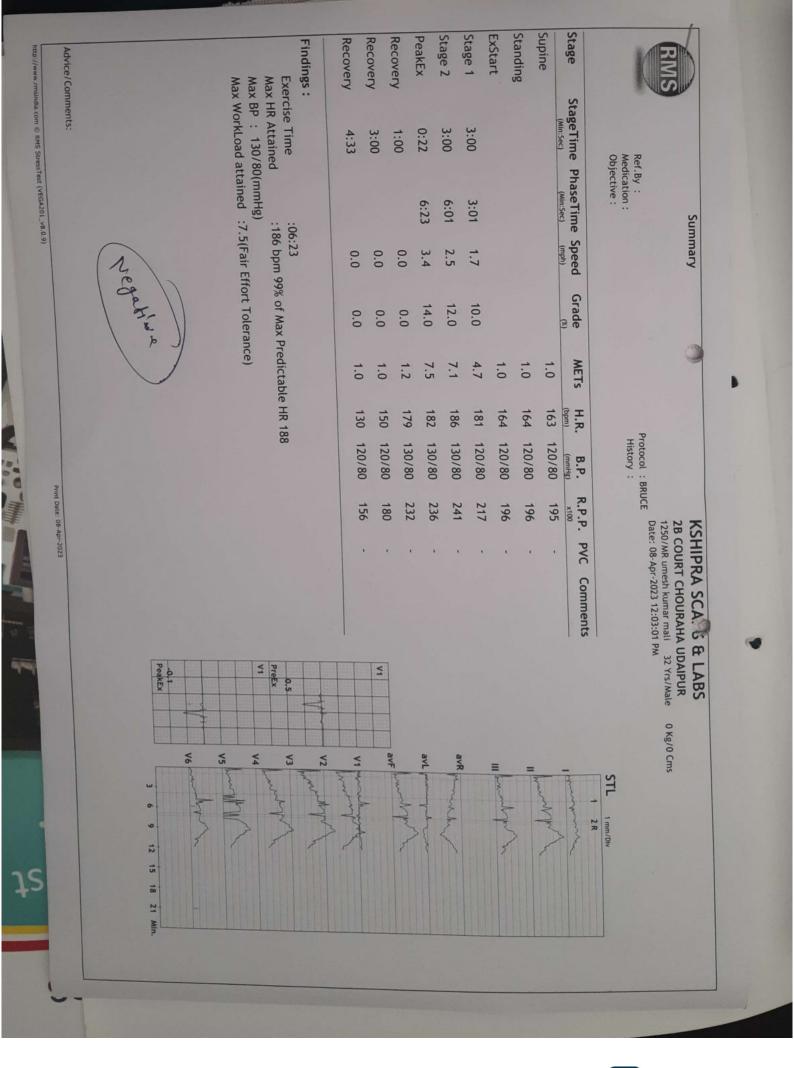
· No significant abnormality is seen.

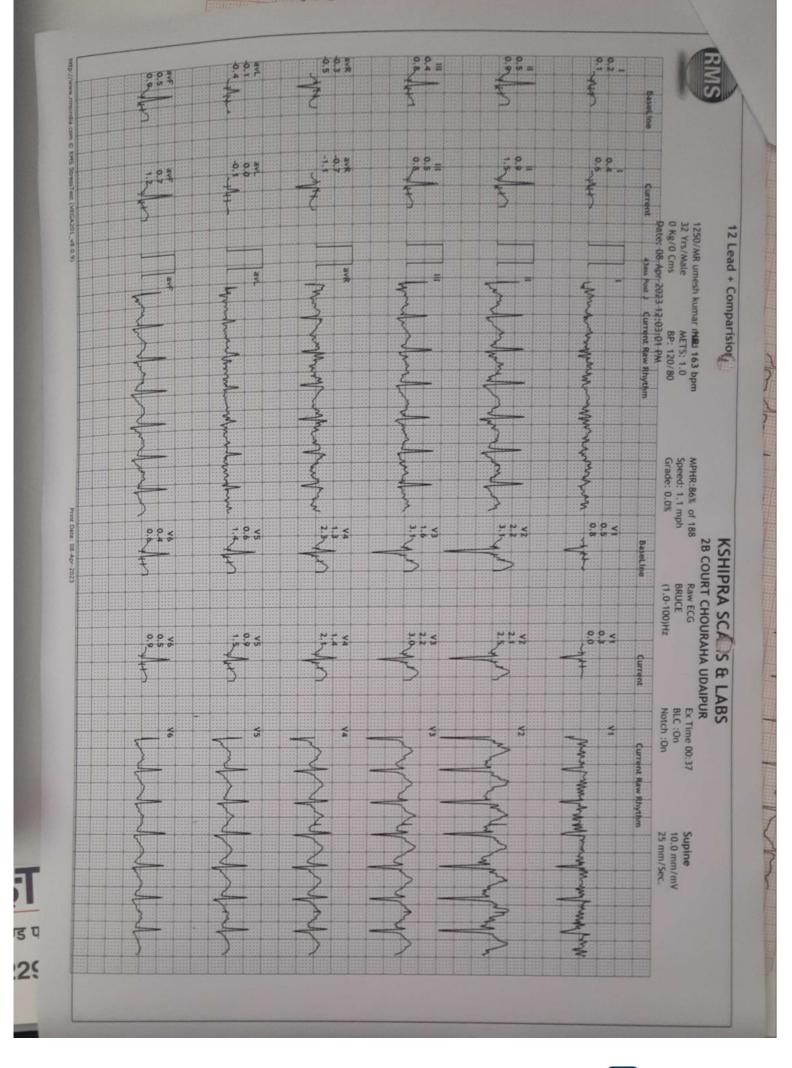
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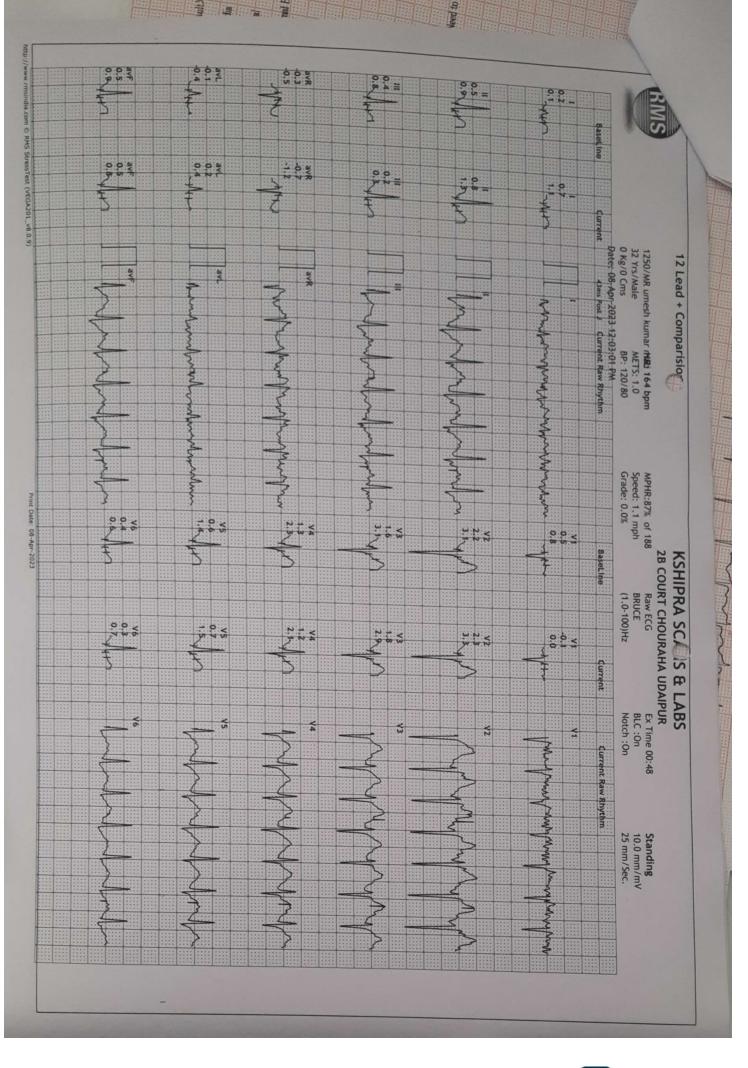
N.B.: This is only a professional opinion and not the final diagnosis. MRI/CT is subject to variations due to technical limitations, hence correlation with clinical findings and other investigations should be carried out to know the true nature of illness

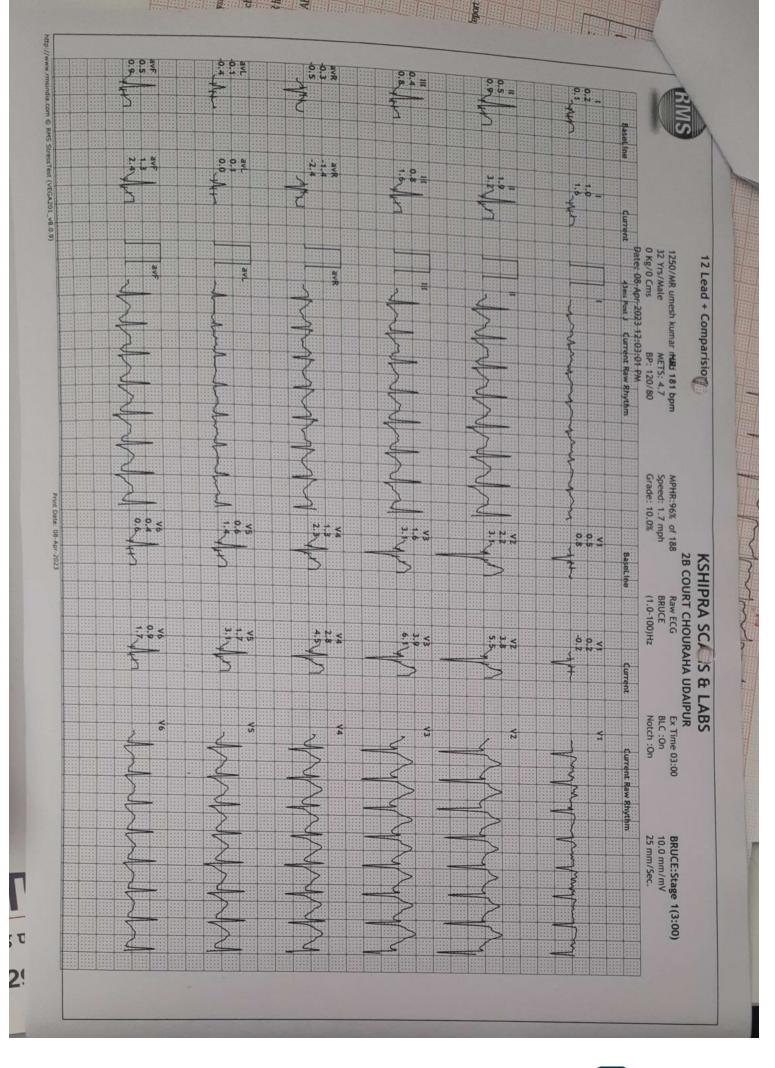
2-B, Ground Floor, Court Choraha, Main Road Tehsil Ke Samne, Udaipur 313001 (Raj.) Mob.: 7229961115, 7229970005, 7229901188

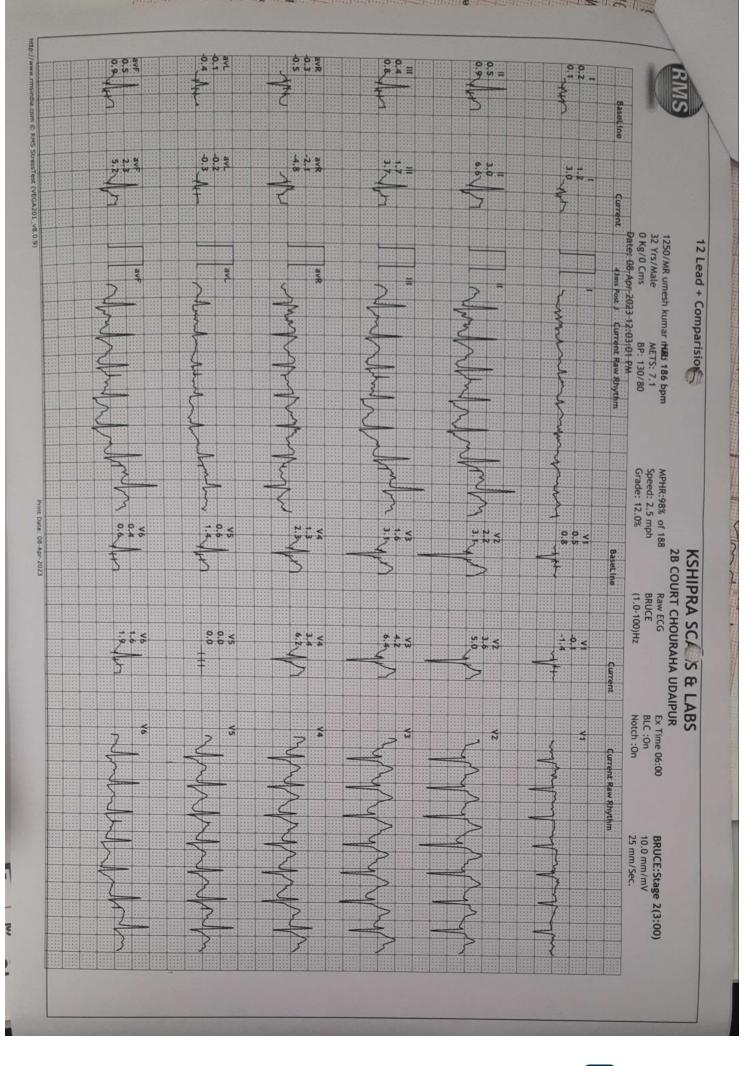
(24 x 7 Customer Service) Email: Kshipralabsudaipur@gmail.com

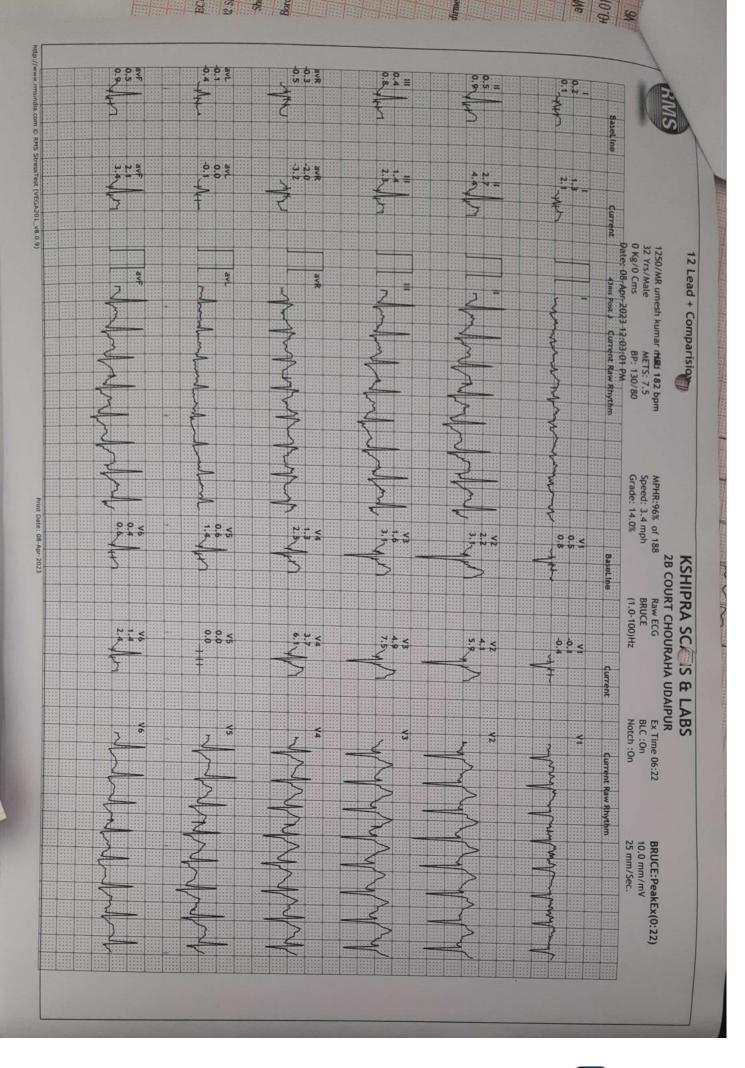


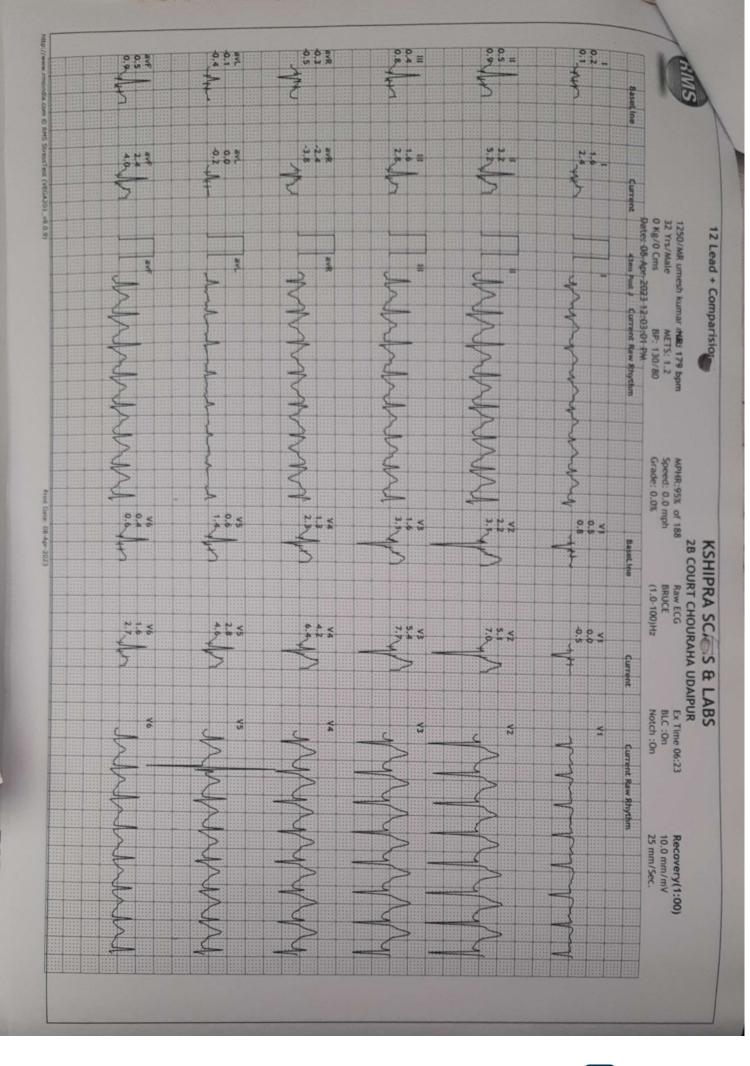


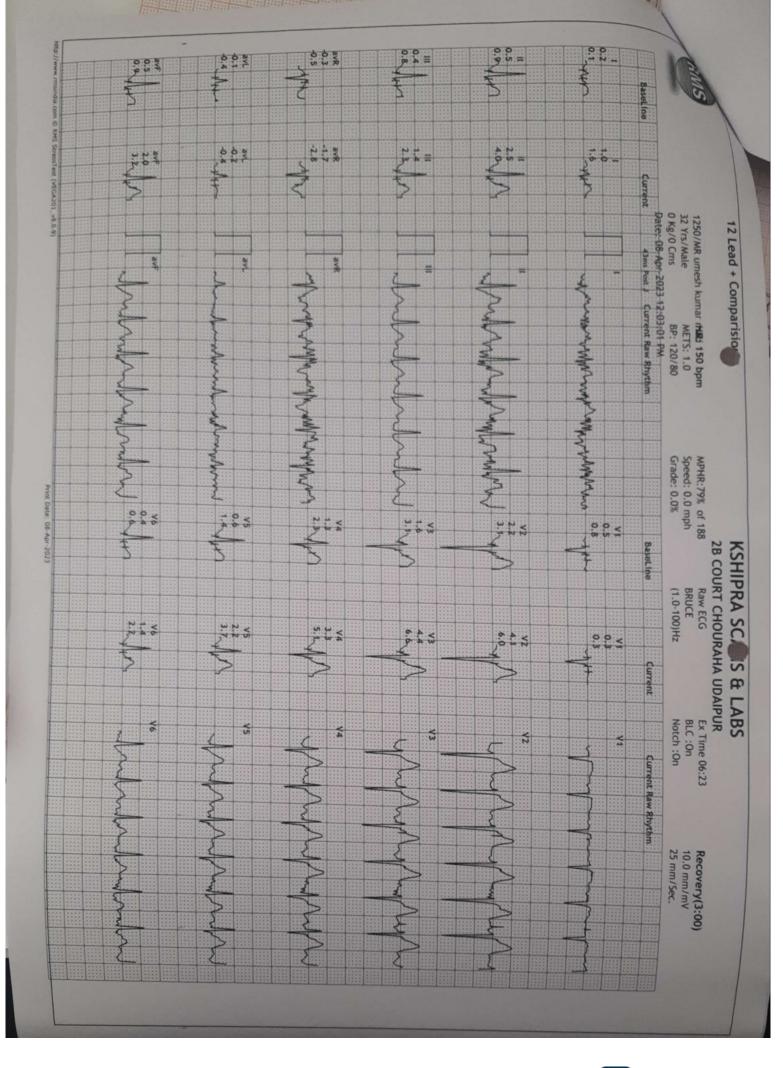


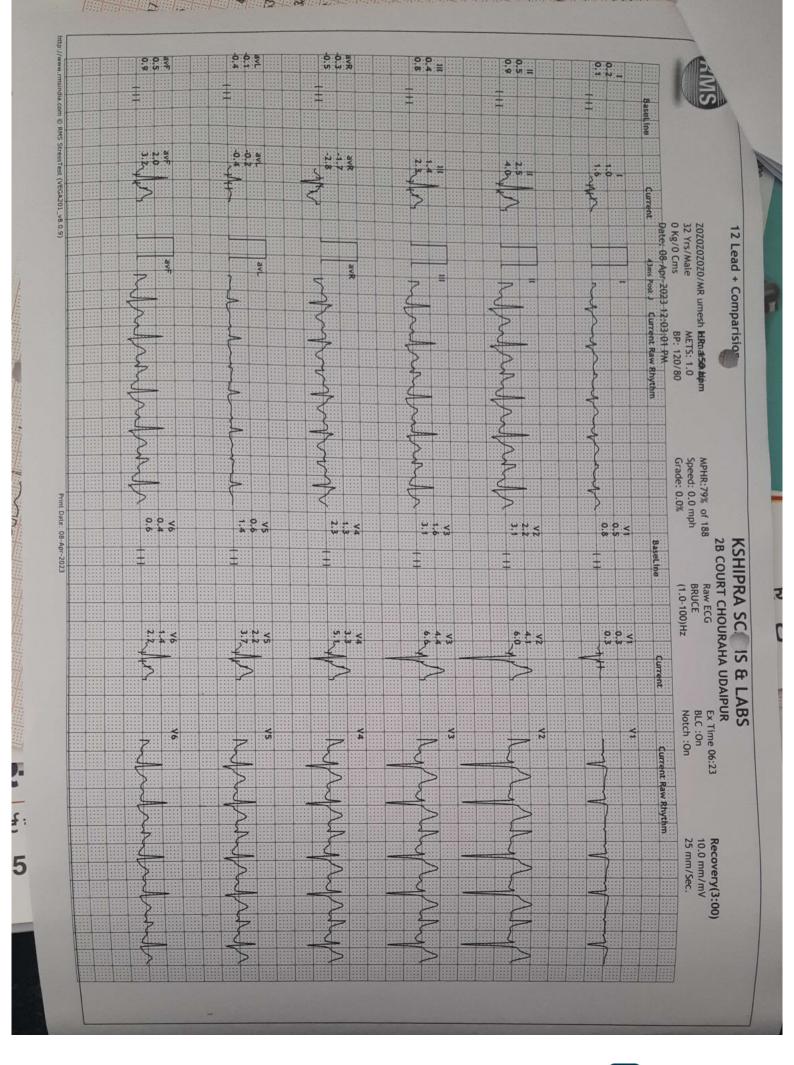


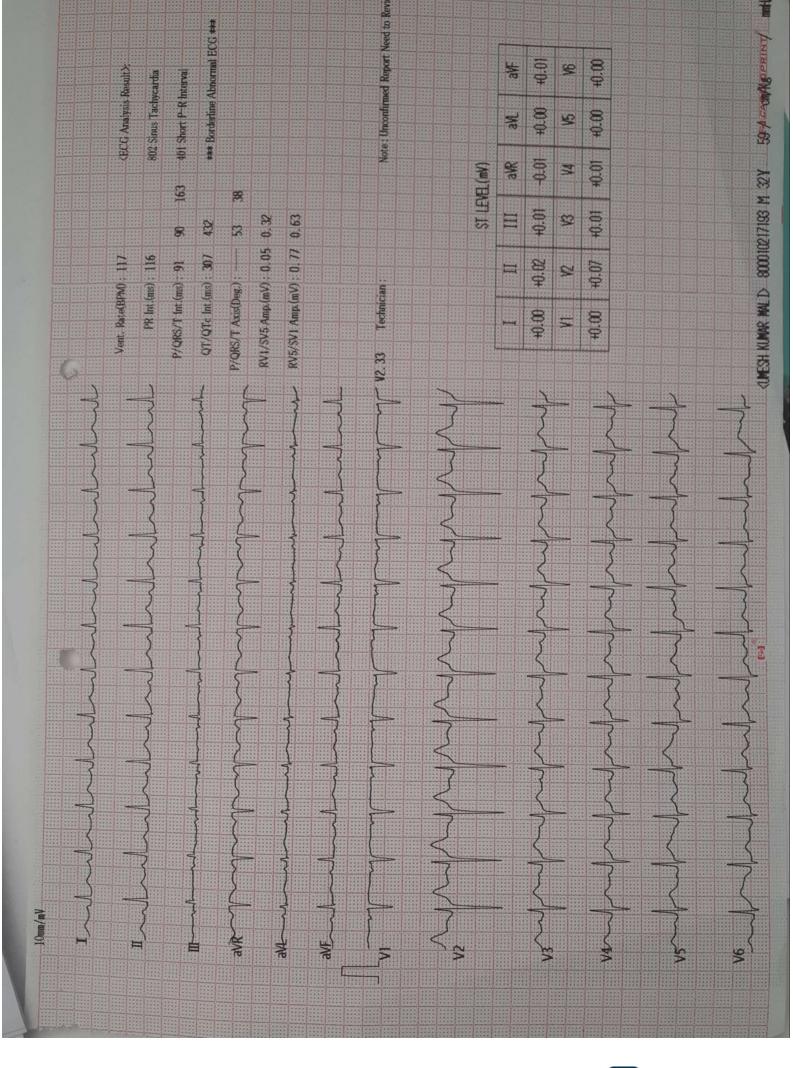














Call: 9982996666

MR. Umesh

32/M

Dr. Sharva Pandya

MBBS, M.S., (Ophthalmology) RMC Reg. No.: 021537

डॉ. शर्वा पण्ड्या

वरिष्ठ नेत्र रोग विशेषज्ञ सर्जन

08/04/23

c/o for Eye check up.

DYA < 616

MA (4)6

colone vision. dejentine

Ďr. SHARVA PANDYA M.B.B.S., M.S. (Ophth.) Jai Drishti Eye Hospital Udaipur (Raj.)

Cosmetology Partner

Jai Drishti Eye Hospital, 23A, Residency Road, Near PC Jewellers, Sardarpura, Udaipur | जय दृष्टि आई हॉस्पिटल, 23-ए, रेजीडेन्सी रोड़, पी.सी. ज्वेलर्स के पास, सरदारपुरा, उदयपुर



