

आरत सरकार Government of India

सुरेश कुमार मान Suresh Kumar Maan

जन्म तिथि / DOB : 03/05/1975 पुरुष / Male



4376 7287 9390

आधार - आम आदमी का अधिकार



Dr. U. C. GUPTA MBBS, MD (Physician) RMC No. 281



आरतीय विशिष्ट पहुंचान प्राधिकरण

Unique Identification Authority of India

पताः S/O: रतन लाल मान, दुला सिंह की ढानी, होली दरवाजा के वाहर, वॉर्ड न. 7, चोम, त्रिपोलिया चोम, Chomu, Tripolia Chomu, Jaipur, जयपुर, राजस्थान, 303802

Rajasthan, 303802

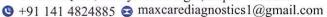
4376 7287 9390













General Physical Examination

Date of Examination: $08/04/2023$
Name: Swesh Kumar Maanage: 47 DOB: 03-05-1928sex: pom
Referred By: BANK OF BANK DA
Photo ID: AADHAR ID #: 9390
Ht: 177 (cm) Wt: 65 (Kg)
Chest (Expiration): 92 (cm) Abdomen Circumference: 87 (cm)
Blood Pressure: 120/81 mm Hg PR: 70 / min RR: 17 / min Temp: Arebite
BMI 20.7
Eye Examination: R 6/6 NCB
Other:
On examination he/she appears physically and mentally fit: Yes / No
Signature Of Examine: Name of Examinee: SURESH KUMAR MARA
Signature Medical Examiner: Dr. U. C. GUPTA MBBS, MD (Physician) RMC No. 291



+91 141 4824885 maxcarediagnosticsl@gmail.com NAME:- Mr. SURESH KUMAR MAAN

Age :-47 Yrs 11 Mon 6 Days

Sex :-Male



Patient ID :-122360

Date: - 08/04/2023

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp :-

Company :-

Mr.MEDIWHEEL

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HAEMATOLOGY

Test Name	Value	Unit	Biological Ref Interval
FULL BODY HEALTH CHECKUP ABOVE 40	MALE		
HAEMOGARAM			
HAEMOGLOBIN (Hb)	15.1	g/dl.	13.0 - 17.0
TOTAL LEUCOCYTE COUNT	5.50	/cumm	4.00 - 10.00
DIFFERENTIAL LEUCOCYTE COUNT			
NEUTROPHIL	55.0	%	40.0 - 80.0
LYMPHOCYTE	37.0	%	20.0 - 40.0
EOSINOPHIL	3.0	%	1.0 - 6.0
MONOCYTE	5.0	%	2.0 - 10.0
BASOPHIL	0.0	%	0.0 - 2.0
TOTAL RED BLOOD CELL COUNT (RBC)	4.75	x10^6/ul.	4.50 - 5.50
HEMATOCRIT (HCT)	46.20	%	40.00 - 50.00
MEAN CORP VOLUME (MCV)	97.0	n.	83.0 - 101.0
MEAN CORP HB (MCH)	31.8	pg	27.0 - 32.0
MEAN CORP HB CONC (MCHC)	32.6	g/dl.	31.5 - 34.5
PLATELET COUNT	201	x10^3/uL	150 - 410
RDW-CV	13.9	%	11.6 - 14.0

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HAEMATOLOGY

Erythrocyte Sedimentation Rate (ESR)

08

mm in 1st hr

00 - 15

The erythrocyte sedimentation rate (ESR or sed rate) is a relatively simple, inexpensive, non-specific test that has been used for many years to help detect inflammation associated with conditions such as infections, cancers, and autoimmune diseases ESR is said to be a non-specific test because an elevated result often indicates the presence of inflammation but does not tell the health practitioner exactly where the inflammation is in the body or what is causing it. An ESR can be affected by other conditions besides inflammation. For this reason, the ESR is typically used in conjunction with other tests, such as C-reactive protein. ESR is used to help diagnose certain specific inflammatory diseases, including temporal arteritis, systemic vasculitis and polymyalgia rheumatica. (For more on these, read the article on Vasculitis.) A significantly elevated ESR is one of the main test results used to support the diagnosis. This test may also be used to monitor disease activity and response to therapy in both of the above diseases as well as



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09.44.03

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(CBC): Methodology: TLC,DLC Fluorescent Flow cytometry, HB SLS method,TRBC,PCV,PLT Hydrodynamically focused Impedance and MCH,MCV,MCHC,MENTZER INDEX are calculated. InstrumentName: Sysmex 6 part fully automatic analyzer XN-L,Japan



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BIOCHEMISTRY

Test Name	Value	Unit	Biological Ref Interval
FASTING BLOOD SUGAR (Plasma) Methord:- GOD POD	105.0	mg/dl	70.0 - 115.0
Impaired glucose tolerance (IGT)	11	11 - 125 mg/dL	
Diabetes Mellitus (DM)	_	- 126 mg/dL	

Instrument Name: HORIBA CA60 Interpretation: Elevated glucose levels (hyperglycemia) may occur with diabetes, pancreatic

hyperthyroidism and adrenal cortical hyper-function as well as other disorders. Decreased glucose levels (hypoglycemia) may result

from excessive insulin

therapy or various liver diseases.

BLOOD SUGAR PP (Plasma)

Methord:- GOD PAP

120.0

mg/dl

70.0 - 140.0

Instrument Name: HORIBA Interpretation: Elevated glucose levels (hyperglycemia) may occur with diabetes, pancreatic neoplasm. hyperthyroidism and adrenal cortical hyper-function as well as other disorders. Decreased glucose levels(hypoglycemia) may result from excessive insulin therapy or various liver diseases .

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HAEMATOLOGY

Test Name	Value	Unit	Biological Ref Interval
GLYCOSYLATED HEMOGLOBIN (HbA1C)			

Methord:- CAPILLARY with EDTA

mg%

MEAN PLASMA GLUCOSE

Methord: - Calculated Parameter

108 mg/dl. 0 - 140

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

CLINICAL NOTES

In vitro quantitative determination of HbA1c in whole blood is utilized in long term monitoring of glycemia. The HbA1c level correlates with the mean glucose concentration prevailing in the course of the patient's recent history (approx - 6-8 weeks) and therefore provides much more reliable information for glycemia monitoring than do determinations of blood glucose or urinary glucose. It is recommended that the determination of HbA1c be performed at intervals of 4-6 weeks during Diabetes Mellitus therapy. Results of HbA1c should be assessed in conjunction with the patient's medical history, clinical examinations and other findings Some of the factors that influence HbA1c and its measurement [Adapted from Gallagher et al]

1. Erythropoiesis

- Increased HbA1c: iron, vitamin B12 deficiency, decreased erythropolesis.
- Decreased HbA1c: administration of erythropoietin, iron, vitamin B12, reticulocytosis, chronic liver disease
- 2. Altered Haemoglobin-Genetic or chemical alterations in hemoglobin: hemoglobinopathies, HbF, methemoglobin, may increase or decrease HbA1c

3. Glycation

- Increased HbA1c: alcoholism, chronic renal failure, decreased intraerythrocytic pH.
- Decreased HbA1c: certain hemoglobinopathies, increased intra-erythrocyte pH

- Increased HbA1c: increased erythrocyte life span: Splenectomy.

 Decreased A1c: decreased RBC life span: hemoglobinopathies, splenomegaly, rheumatoid arthritis or drugs such as antiretrovirals, ribavinn & dapsone

- Increased HbA1c: hyperbilirubinemia, carbamylated hemoglobin, alcoholism, large doses of aspirin, chronic opiate use, chronic renal failure
- Decreased HbA1c; hypertriglyceridemia, reticulocytosis, chronic liver disease, aspirin, vitamin C and E splenomegaly, rheumatoid arthritis or drugs

1. Shortened RBC life span -HbA1c test will not be accurate when a person has a condition that affects the average lifespan of red blood cells (RBCs), such as nemojytic anemia or blood loss. When the lifespan of RBCs in circulation is shortened, the A1c result is falsely low and is an unreliable measurement of a person's average glucose over time 2. Abnormal forms of hemoglobin - The presence of some hemoglobin variants, such as hemoglobin S in sickle cell anemia, may affect certain methods for measuring A1c. In these cases, fructosamine can be used to monitor glucose control.

Advised:

1. To follow patient for glycemic control test like fructosamine or glycated albumin may be performed instead

2 Hemoglobin HPLC screen to analyze abnormal hemoglobin variant.

estimated Average Glucose (eAG): based on value calculated according to National Glycohemoglobin Standardization Program (NGSP) criteria

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MD (Pathology) RMC No. 17226

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HAEMATOLOGY

BLOOD GROUP ABO Methord:- Haemagglutination reaction "A" POSITIVE



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Janu DR.TANU RUNGTA

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	BIOCHE	MISTRY	
Test Name	Value	Unit	Biological Ref Interval
LIPID PROFILE			
TOTAL CHOLESTEROL Methord:- CHOD-PAP methodology	130.00	mg/dl	Desirable <200 Borderline 200-239 High> 240
InstrumentName: MISPA PLUS Interpreta disorders.	tion: Cholesterol measurements	s are used in the diagnosis a	and treatments of lipid lipoprotein metabolism
TRIGLYCERIDES Methord:- GPO-PAP	100.00	mg/dl	Normal <150 Borderline high 150-199 High 200-499 Very high >500

InstrumentName: Randox Rx Imola Interpretation: Triglyceride measurements are used in the diagnosis and treatment of diseases involving lipid metabolism and various endocrine disorders e.g. diabetes mellitus, nephrosis and liver obstruction.

DIRECT HDL CHOLESTEROL mg/dl Male 35-80 Methord:- Selective inhibition Method Female 42-88

Instrument Name: MISPA PLUS Interpretation: An inverse relationship between HDL-cholesterol (HDL-C) levels in serum and the incidence/prevalence of coronary heart disease (CHD) has been demonstrated in a number of epidemiological studies. Accurate measurement of HDL-C is of vital importance when assessing patient risk from CHD. Direct measurement gives improved accuracy and reproducibility when compared to

precipitation methods. LDL CHOLESTEROL Methord:- Calculated Method	55.33	mg/dl	Optimal <100 Near Optimal/above optimal 100-129 Borderline High 130-159 High 160-189 Very High > 190
VLDL CHOLESTEROL Methord:- Calculated	20.00	mg/dl	0.00 - 80.00
T.CHOLESTEROL/HDL CHOLESTEROL RATIO Methord:- Calculated	2.24		0.00 - 4.90
LDL / HDL CHOLESTEROL RATIO Methord:- Calculated	0.95		0.00 - 3.50
TOTAL LIPID	412.54	mg/dl	400.00 - 1000.00

- 1. Measurements in the same patient can show physiological & analytical variations. Three serialsamples 1 week apart are recommended for Total Cholesterol, Triglycerides, HDL& LDL Cholesterol.
- 2. As per NCEP guidelines, all adults above the age of 20 years should be screened for lipid status. Selective screening of children above the age of 2 years with a family history of premature cardiovascular disease or those with at least one parent with high total cholesterol is
- 3. Low HDL levels are associated with Coronary Heart Disease due to insufficient HDL being available to participate in reverse cholesterol transport, the process by which cholesterol is eliminated fromperipheral tissues.

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BIOCHEMISTRY

Comments: 1- ATP III suggested the addition of Non HDL Cholesterol (Total Cholesterol - HDL Cholesterol) as an indicator of all atherogenic lipoproteins (mainly LDL & VLDL). The Non HDL Cholesterolis used as a secondary target of therapy in persons with triglycerides >=200 mg/dL. The goal for Non HDL Cholesterol in those with increased triglyceride is

30 mg/dL above that set for LDL Cholesterol.

2 -For calculation of CHD risk, history of smoking, any medication for hypertension & current B.P. levels are required



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Central Spine, Vidhyadhar Nagar, Jaipur - 302023 +01 141 4824885 maxcarediagnostics1@gmail.com NAME:- Mr. SURESH KUMAR MAAN

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BIOCHEMISTRY

LIVER PROFILE WITH GGT			
SERUM BILIRUBIN (TOTAL) Methord:- DMSO/Diazo	0.58	mg/dL	Infants: 0.2-8.0 mg/dL Adult - Up to - 1.2 mg/dL
SERUM BILIRUBIN (DIRECT) Methord:- DMSO/Diazo	0.16	mg/dI.	Up to 0.40 mg/dL
SERUM BILIRUBIN (INDIRECT) Methord:- Calculated	0.42	mg/dl	0.30-0.70
SGOT Methord:- IFCC	32.0	U/I.	0.0 - 40.0
SGPT Methord:- IFCC	18.5	U/L	0.0 - 40.0
SERUM ALKALINE PHOSPHATASE Methord:- DGKC - SCE	58.40	U/I.	53.00 - 141.00
SERUM GAMMA GT Methord:- Szasz methodology Instrument Name Randox Rx Imola Interpretation: Elevations in GGT levels are seen earlier and more pronounced than those	29.50 e with other liver enzymes	U/L. in cases of obstructive jaundice and	10.00 - 45.00
metastatic neoplasms. It may reach 5 to 30 times normal levels in intra-or post- hepatic biliary obstruction. Only moderate elevations in the enzyme level (2 to 5 times n	ormal)are observed with in	rectious hepatitis	
SERUM TOTAL PROTEIN Methord:- Direct Biuret Reagent	7.21	g/dl	6.00 - 8.40
SERUM ALBUMIN Methord:- Bromocresol Green	4.71	g/dl	3.50 - 5.50
SERUM GLOBULIN Methord:- CALCULATION	2.50	gm/dl	2.20 - 3.50
A/G RATIO	1.88		1.30 - 2.50

Interpretation: Measurements obtained by this method are used in the diagnosis and treatment of a variety of diseases involving the liver, kidney and bone marrow as well as other metabolic or nutritional disorders.

Note:- These are group of tests that can be used to detect the presence of liver disease, distinguish among different types of liver disorders, gauge the extent of known liver damage, and monitor the response to treatment. Most liver diseases cause only mild symptoms initially, but these diseases must be detected early. Some tests are associated with functionality (e.g., albumin), some with cellular integrity (e.g., transaminase), and some with conditions linked to the biliary tract (gamma-glutamyl transferase and alkaline phosphatase). Conditions with elevated levels of ALT and AST include hepatitis A,B,C, paracetamol toxicity etc. Several biochemical tests are useful in the evaluation and management of patients with hepatic dysfunction. Some or all of these measurements are also carried out (usually about twice a year for routine cases) on those individuals taking certain medications, such as anticonvulsants, to ensure that the medications are not adversely impacting the person's liver.

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DR.TANU RUNGTA

MD (Pathology) RMC No. 17226



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BIOCHEMISTRY

RFT / KFT WITH ELECTROLYTES

SERUM UREA Methord:- Urease/GLDH 29.80

mg/dl

10.00 - 50.00

InstrumentName: HORIBA CA 60 Interpretation: Urea measurements are used in the diagnosis and treatment of certain renal and metabolic

SERUM CREATININE Methord:- Jaffe's Method

1.02

mg/dl

Males: 0.6-1.50 mg/dl

Females: 0.6 -1.40 mg/dl

Interpretation:

Creatinine is measured primarily to assess kidney function and has certain advantages over the measurement of urea. The plasma level of creatinine is relatively independent of protein ingestion, water intake, rate of urine production and exercise. Depressed levels of plasma creatinine are rare and not

clinically significant. SERUM URIC ACID

4 97

mg/dl

2.40 - 7.00

InstrumentName:HORIBA YUMIZEN CA60 Daytona plus Interpretation Elevated Urate:High purine diet. Alcohol- Renal insufficiency. Drugs Polycythaemia vera, Malignancies, Hypothyroidism, Rare enzyme defects Downs syndrome, Metabolic syndrome, Pregnancy Gout

Methord: - ISE

Interpretation: Decreased sodium - Hyponatraemia Causes include: fluid or electrolyte loss, Drugs, Oedematous states, Legionnaire's disease and other chest infections, pseudonatremia, Hyperlipidaemias and paraproteinaemias, endocrine diseases. SIADH.

POTASSIUM

Methord:- ISE

4.78

mmol/I

3.50 - 5.50

Interpretation: A. Elevated potassium (hyperkalaemia). Artefactual, Physiologidal vation, Drugs, Pathological states, Renal failure Adrenocortical insufficiency, metabolic acidoses, very high platelet or white cell counts B. Decreased potassium (hypokalaemia)Drugs. Liquoric, Diarrhoea and vomiting, Metabolic alkalosis, Corticosteroid excess, Oedematous state, Anorexia nervosa/bulimia

CHLORIDE

95.7

mmol/L

94.0 - 110.0

Interpretation: Used for Electrolyte monitoring.

SERUM CALCIUM

11.30

mg/dl

8.10 - 11.50

InstrumentName:Rx Daytona plus Interpretation: Serum calcium levels are believed to be controlled by parathyroid hormone and vitamin D Increases in serum PTH or vitamin D are usually associated with hypercalcemia. Hypocalcemia may be observed in hypoparathyroidism, nephrosis and pancreatitis.

SERUM TOTAL PROTEIN VNEARIA RITCI Biuret Reagent

7.21

g/dl

6.00 - 8.40

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form



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SERUM ALBUMIN Methord:- Bromocresol Green	4.7	71 g/dl	3.50 - 5.50
SERUM GLOBULIN Methord:- CALCULATION	2.5	50 gm/dl	2.20 - 3.50
A/G RATIO	1.8	88	1.30 - 2.50

Interpretation: Measurements obtained by this method are used in the diagnosis and treatment of a variety of diseases involving the liver, kidney and bone marrow as well as other metabolic or nutritional disorders.

Kidney function tests are group of tests that can be used to evaluate how well the kidneys are functioning. Creatinine is a waste product that comes from protein in the diet and also comes from the normal wear and tear of muscles of the body. In blood, it is a marker of GFR in urine, it can remove the need for 24-hour collections for many analytes or be used as a quality assurance tool to assess the accuracy of a 24-hour collection Higher levels may be a sign that the kidneys are not working properly. As kidney disease progresses, the level of creatinine and urea in the bloodingreases. Certain drugs are nephrotoxic hence KFT is done before and after initiation of treatment with these drugs

Low serum creatinine values are rare; they almost always reflect low muscle mass.

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IMMUNOASSAY

Test Name Value Unit **Biological Ref Interval**

PSA (PROSTATE SPECIFIC ANTIGEN) -TOTAL Methord:- Methodology: CLIA

1.052

ng/ml.

0.00-4.00

CLINICAL NOTES:- Prostate-specific antigen (PSA) is a 34-kD glycoprotein produced almost exclusively by the prostate gland

PSA is normally present in the blood at very low levels. Increased levels of PSA may suggest the presence of prostate cancer

1.Immediate PSA testing following digital rectal examination, ejaculation, prostatic massage, indwelling catheterization, ultrasonography and needle biopsy of prostate is not

recommended as they falsely elevate levels

2. PSA values regardless of levels should not be interpreted as absolute evidence of the presence or absence of disease. All values should be correlated with clinical

findings and other investigations

3. Physiological decrease in PSA level by 18% has been observed in sedentary patients either due to supine position or suspended sexual activity

- · An aid in the early detection of Prostate cancer when used in conjunction with Digital rectal examination in males more than 50 years of age and in those with two or more affected first degree relatives.
- · Follow up and management of Prostate cancer patients
- Detect metastatic or persistent disease in patients following surgical or medical treatment of Prostate cancer

NOTE

PSA levels can be also increased by prostatitis, irritation, benign prostatic hyperplasia (BPH), and recent ejaculation, producing a false positive result. Digital rectal examination (DRE) has been shown in several studies to produce an increase in PSA. However, the effect is clinically insignificant, since DRE causes the most substantial increases in patients with PSA levels already elevated over 4.0 ng/mL.

Obesity has been reported to reduce serum PSA levels. Delayed early detection may partially explain worse outcomes in obese men with early prostate cancer. Aftertreatment, higher BMI also correlates to higher risk of recurrence.

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IMMUNOASSAY

TOTAL THYROID PROFILE

THYROID-TRIIODOTHYRONINE T3

1.10

ng/ml.

0.70 - 2.04

NOTE-TSH levels are subject to circardian variation, reaching peak levels between 2-4 AM and min between 6-10 PM. The variation is the order of 50% hence time of the day has influence on the measures serum TSH concentration. Dose and time of drug intake also influence the test result. Transient increase in TSH levels or abnormal TSH levels can be seen in some non thyroidal conditions simpultaneous measurement of TSH with free T4 is useful in evaluating differential diagnosis

INTERPRETATION-Ultra Sensitive 4th generation assay 1. Primary hyperthyroidism is accompanied by *serum T3 & T4 values along with *TSH level 2 Low TSH high FT4 and TSH recentor antibody (TRAh) +ve seen in patients with Graves disease 3.Low TSH,high FT4 and TSH receptor antibody(TRAb) -ve seen in patients with Toxic adenoma/Toxic Multinodular goiter 4. HighTSH Low FT4 and Thyroid microsconal antibody increased seen in patients with Hashimotos thyroiditis 5.HighTSH,Low FT4 and Thyroid microsconal antibody normal seen in patients with Indine deficiency/Congenital 1.4 synthesis deficiency 6.Low

TSH_Low FT4 and TRH stimulation test-Delayed response seen in patients with Tertiary hypothyroidism
7. Primary hypothyroidism is accompanied by 1 serum T3 and T4 values & 'serum TSH levels 8. Normal T4 levels accompanied by T3 levels and low TSH are seen in patients with T3 Thyrotoxicosis9 Normal or T3 & 10. Normal T3 & T4 along with "TSH indicate mild / Subclinical Hypothyroidism .11. Normal T3 & T4 along with "TSH indicate mild / Subclinical Hypothyroidism .11. Normal T3 & T4 along with "TSH indicate mild / Subclinical Hypothyroidism .12. Normal T3 & T4 along with "TSH indicate mild / Subclinical Hypothyroidism .13. Normal T3 & T4 along with "TSH indicate mild / Subclinical Hypothyroidism .13. Normal T3 & T4 along with "TSH indicate mild / Subclinical Hypothyroidism .13. Normal T3 & T4 along with "TSH indicate mild / Subclinical Hypothyroidism .13. Normal T3 & T4 along with "TSH indicate mild / Subclinical Hypothyroidism .13. Normal T3 & T4 along with "TSH indicate mild / Subclinical Hypothyroidism .13. Normal T3 & T4 along with "TSH indicate mild / Subclinical Hypothyroidism .13. Normal T3 & T4 along with "TSH indicate mild / Subclinical Hypothyroidism .13. Normal T3 & T4 along with "TSH indicate mild / Subclinical Hypothyroidism .13. Normal T3 & T4 along with "TSH indicate mild / Subclinical Hypothyroidism .13. Normal T3 & T4 along with "TSH indicate mild / Subclinical Hypothyroidism .13. Normal T3 & T4 along with "TSH indicate mild / Subclinical Hypothyroidism .13. Normal T3 & T4 along with "TSH indicate mild / Subclinical Hypothyroidism .13. Normal T3 & T4 along with "TSH indicate mild / Subclinical Hypothyroidism .13. Normal T3 & T4 along with "TSH indicate mild / Subclinical Hypothyroidism .13. Normal T3 & T4 along with "TSH indicate mild / Subclinical Hypothyroidism .13. Normal T3 & T4 along with "TSH indicate mild / Subclinical Hypothyroidism .13. Normal T3 & T4 along with "TSH indicate mild / Subclinical Hypothyroidism .13. Normal T3 & T4 along with "TSH indicate mild / Subclinical Hypothyroidism .13

DURING PREGNANCY - REFERENCE RANGE for TSH IN ulu/mL (As per American Thyroid Association) 1st Trimester | 0.10-2.50 ulu/mL 2nd Trimester | 0.20-3.00 ulu/mL 3rd Trimester | 0.30-3.00 ulU/mL The production, circulation, and disintegration of thyroid hormones are altered throughout the stages of pregnancy

REMARK-Assay results should be interpreted in context to the clinical condition and associated results of other investigations. Previous treatment with corticosteroid therapy may result in lower TSH levels while thyroid hormone levels are normal. Results are invalidated if the client has undergone a radionuclide scan within 7-14 days before the test. Abnormal thyroid test findings often found in critically ill patients should be repeated after the critical nature of the condition is resolved. TSH is an important marker for the diagnosis of thyroid dysfunction. Recent studies have shown that the TSH distribution progressively shifts to a riigher THYROID OF THYROXINE! (104) side to a real change with age or 10.50 asing proportion of the thyroid disease in the elderly 5.10 - 14.10 Methord: - ECLIA

NOTE-TSH levels are subject to circardian variation, reaching peak levels between 2-4 AM and min between 6-10 PM. The variation is the order of 50% hence time of the day has influence on the measures serum TSH concentration. Dose and time of drug intake also influence the test result. Transient increase in TSH levels or abnormal TSH levels can be seen in some non thyroidal conditions simultaneous measurement of TSH with free T4 is useful in evaluating differential diagnosis

INTERPRETATION-Ultra Sensitive 4th generation assay 1.Primary hyperthyroidsm is accompanied by "serum T3 & T4 values along with "TSH level 2 Low TSH high FT4 and TSH receptor antibody (TRAb) +ve seen in patients with Toxic adenoma/Toxic Multinodular goiter 4 High TSH Low FT4 and TNH receptor antibody (TRAb) +ve seen in patients with Toxic adenoma/Toxic Multinodular goiter 4 High TSH Low FT4 and TNH receptor antibody increased seen in patients with Hashimotos thyroiditis 5-High TSH, Low FT4 and Thyroid microsomal antibody normal seen in patients with Indine deficiency Congenital T4 synthesis deficiency 6 Low TSH, Low FT4 and TRH stimulation test -Delayed response seen in patients with Tetlary hypothyroidism 12 High TSH Low FT4 and TSH Low TS

DURING PREGNANCY - REFERENCE RANGE for TSH IN ulU/mL (As per American Thyroid Association) 1st Trimester: 0.10-2.50 ulU/mL 2nd Trimester: 0.20-3.00 ulU/mL 3rd Trimester: 0.30-3.00 ulU/mL The production, circulation, and disintegration of thyroid hormones are altered throughout the stages of pregnancy

REMARK-Assay results should be interpreted in context to the clinical condition and associated results of other investigations. Previous treatment with corticosteroid therapy may result in lower TSH levels while thyroid hormone levels are normal. Results are invalidated if the client has undergone a radionuclide scan within 7-14 days before the test. Abnormal thyroid test findings often found in critically ill patients should be repeated after the critical nature of the condition is resolved. TSH is an important marker for the diagnosis of thyroid dysfunction. Recent studies have shown that the TSH distribution progressively shifts to a higher concentration with age, and it is debatable whether this is due to a real change with age or an increasing proportion of unrecognized thyroid disease in the elderly.

TSH Methord:- ECLIA 3.320

μlU/mL.

0.350 - 5.500

NOTE-TSH levels are subject to circardian variation, reaching peak levels between 2-4 AM and min between 6-10 PM. The variation is the order of 50% hence time of the day has influence on the measures serum TSH concentration. Dose and time of drug intake also influence the test result.

Transient increase in TSH levels or abnormal TSH levels can be seen in some non thyroidal conditions, simoultaneous measurement of TSH with free T4 is useful in evaluating differential diagnosis

INTERPRETATION-Ultra Sensitive 4th generation assay

Primary hyperthyroidism is accompanied by †serum T3 & T4 values along with . TSH level

Technologist Page No: 15 of 16 form

MD (Pathology) RMC No. 17226



+91 141 4824885 maxcarediagnostics l'@gmail.com. NAME :- Mr. SURESH KUMAR MAAN

Age :-47 Yrs 11 Mon 6 Days

Sex :-Male



Patient ID :-122360

Date :- 08/04/2023

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp :-

Company :-

Mr.MEDIWHEEL

Final Authentication: 09/04/2023 14 11 10

IMMUNOASSAY

3.Low TSH,high FT4 and TSH receptor antibody (TRAb) -ve seen in patients with Toxic adenoma/Toxic Multimodular golter
4.HighTSH,Low FT4 and Thyroid microsomal antibody increased seen in patients with Hashimotos thyroidits
5.HighTSH,Low FT4 and TRH at Thyroid microsomal antibody normal seen in patients with Iodine deliciency/Congental T4 synthesis deliciency
6.Low TSH,Low FT4 and TRH stimulation test -Delayed response seen in patients with Tertiary hypothyroidism
7.Primary hypothyroidism is accompanied by | serum T3 and T4 values & !serum TSH levels
8.Normal T4 levels accompanied by | T3 levels and low TSH are seen in patients with T3 Thyrotoxicosis
9.Normal or | T3 & | T4 levels indicate T4 Thyrotoxicosis (problem is conversion of T4 to T3)
10.Normal T3 & T4 along with | TSH indicate mild / Subclinical Hypothyroidism
11.Normal T3 & T4 evels with | TSH indicate mild / Subclinical Hypothyroidism
12.Normal T3 & T4 levels with | TSH indicate Mild / Subclinical Hypothyroidism
13. Slightly: 13 levels with | TSH indicate Mild / Subclinical Hypothyroidism
13. Slightly: 13 levels with | TSH indicate Mild / Subclinical Hypothyroidism
13. Slightly: 13 levels way he found in prepagancy and in estronger therapy while | Levels may be encurred in severe illness, malnutation.

13. Slightly | 13 levels may be found in pregnancy and in estrogen therapy while | levels may be encountered in severe illness, mainutrition, renal failure and during therapy with drugs like propanolol.

14.Although † TSH levels are nearly always indicative of Primary Hypothroidism ,rarely they can result from TSH secreting pituitary tumours

DURING PREGNANCY - REFERENCE RANGE for TSH IN uIU/mL (As per American Thyroid Association)

1st Trimester: 0.10-2.50 uIU/mL 2nd Trimester: 0.20-3.00 uIU/mL 3rd Trimester: 0.30-3.00 uIU/mL

The production, circulation, and disintegration of thyroid hormones are altered throughout the stages of pregnancy

REMARK-assay results should be interpreted in context to the clinical condition and associated results of other investigations. Previous treatment with corticosteroid therapy may result in lower TSH levels while thyroid hormone levels are normal. Results are invalidated if the client has undergone a radionuclide scan within 7-14 days. before the test. Abnormal thyroid test findings often found in critically ill patients should be repeated after the critical nature of the condition is resolved TSH is an important marker for the diagnosis of thyroid dysfunction. Recent studies have shown that the TSH distribution progressively shifts to a higher concentration with age and it is

*** End of Report ***

VIKARANTJI

Technologist Page No: 16 of 16



P3 HEALTH SOLUTIONS LLP

(ASSOCIATES OF MAXCARE DIAGNOSTICS)

 B-14, Vidhyadhar Enclave - II, Near Axis Bank Central Spine, Vidhyadhar Nagar, Jaipur - 302023

+91 141 4824885 maxcarediagnostics l@gmail.com NAME:- Mr. SURESH KUMAR MAAN

Age:- 47 Yrs 11 Mon 6 Days

Sex :- Male

Patient ID :-122360

Date :- 08/04/2023

09:44:03

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp :-

Company :-

Mr.MEDIWHEEL

Final Authentication: 09/04/2023 14 11:10

CLINICAL PATHOLOGY

Test Name	Value	Unit	Biological Ref Interval
Urine Routine			
PHYSICAL EXAMINATION			
COLOUR	PALE YE	LLOW	PALL YELLOW
APPEARANCE	Clear		Clear
CHEMICAL EXAMINATION			
REACTION(PH)	5.0		5.0 - 7.5
SPECIFIC GRAVITY	1.025		1.010 - 1.030
PROTEIN	NIL.	y	NIL
SUGAR	NIL		NIL
BILIRUBIN	NEGATIV	/Ε 🦰	NEGATIVE
UROBILINOGEN	NORMAI		NORMAL.
KETONES	NEGATIV	/E	NEGATIVE.
NITRITE	NEGATIV	/E	NEGATIVE
MICROSCOPY EXAMINATION	6/17/1/1975	VACAGE	
RBC/HPF	NIL	/HPF	NIL.
WBC/HPF	2-3	/HPF	2-3
EPITHELIAL CELLS	2-3	/HPF	2-3
CRYSTALS/HPF	ABSENT		ABSENT
CAST/HPF	ABSENT		ABSENT
AMORPHOUS SEDIMENT	ABSENT		ABSENT
BACTERIAL FLORA	ABSENT		ABSENT
YEAST CELL	ABSENT		ABSENT
OTHER	ABSENT	State of the latest and the latest a	

VIKARANTJI

Technologist

Page No: 12 of 16

form







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MR. SURESH KUMAR MAAN	47 Y/M
Registration Date: 08/04/2023	Ref. by: BANK OF BARODA

ULTRASOUND OF WHOLE ABDOMEN

Liver is of normal size (12.0 cm). Echo-texture is normal. No focal space occupying lesion is seen within liver parenchyma. Intrahepatic biliary channels are not dilated. Portal vein diameter is normal.

Gall bladder is well distended. Wall is not thickened. No calculus or mass lesion is seen in gall bladder. Common bile duct is not dilated.

Pancreas is of normal size and contour. Echo-pattern is normal. No focal lesion is seen within pancreas.

Spleen is of normal size and shape (9.2 cm). Echotexture is normal. No focal lesion is seen.

Kidneys are normally sited and are of normal size and shape. Cortico-medullary echoes are normal. Collecting system does not show any calculus or dilatation.

Right kidney is measuring approx. 9.7 x 4.4 cm.

Left kidney is measuring approx. 11.5 x 5.8 cm.

Urinary bladder does not show any calculus or mass lesion.

Prostate is normal in size with normal echotexture and outline.

No enlarged nodes are visualized. No retro-peritoneal lesion is identified. No significant free fluid is seen in pelvis.

IMPRESSION: No significant abnormality is detected.



DR.SHALINI GOEL

M.B.B.S, D.N.B (Radiodiagnosis)

RMC no.: 21954



© +91 141 4824885 ⋈ maxcarediagnostics1@gmail.com



NAME:	MR.SURESH KUMAR MAAN	AGE/SEX	47 YRS/M
REF.BY	вов	DATE	08/04/2023

CHEST X RAY (PA VIEW)

Bilateral lung fields appear clear.

Bilateral costo-phrenic angles appear clear.

Cardiothoracic ratio is normal.

Thoracic soft tissue and skeletal system appear unremarkable.

Soft tissue shadows appear normal.

IMPRESSION: No significant abnormality is detected.

Shallni

DR.SHALINI GOEL M.B.B.S, D.N.B (Radiodiagnosis) RMC No.: 21954

3-14, Vidhyanagar Nagar, Enclave, Phase-2, Jaipur 3 HEALIH SOLUTIONS LLP

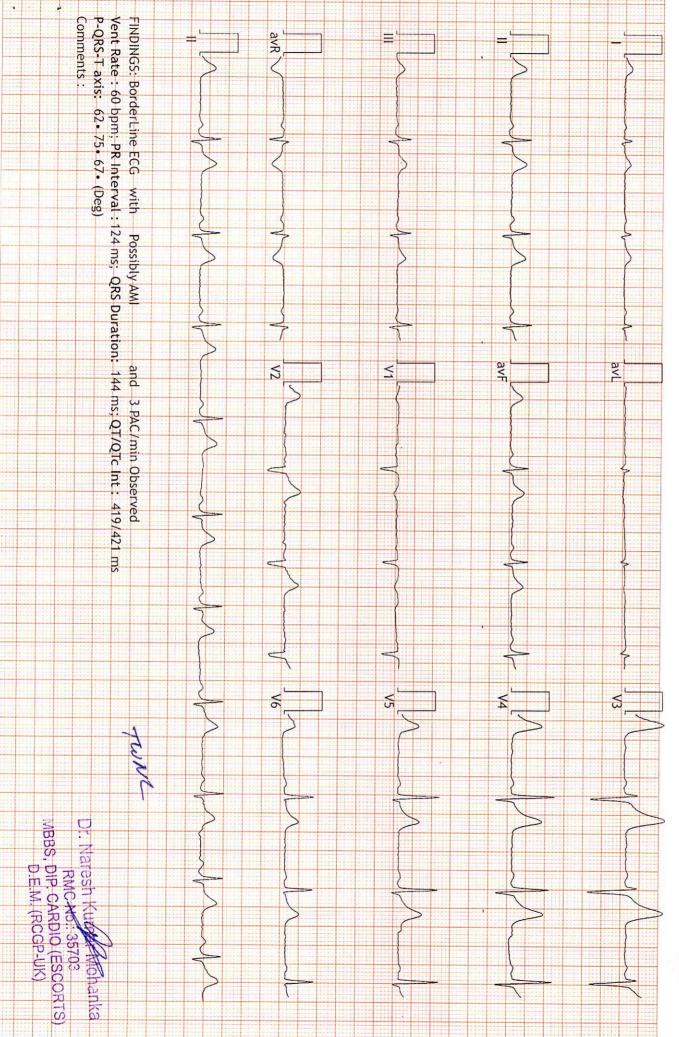
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10mm/mV 25mm/Sec HR: 60 bpm

Cms

BP:

PR Interval: 124 ms
QRS Duration: 144 ms
QT/QTc: 419/421ms
P-QRS-T Axis: 62 - 75 - 67 (Deg)

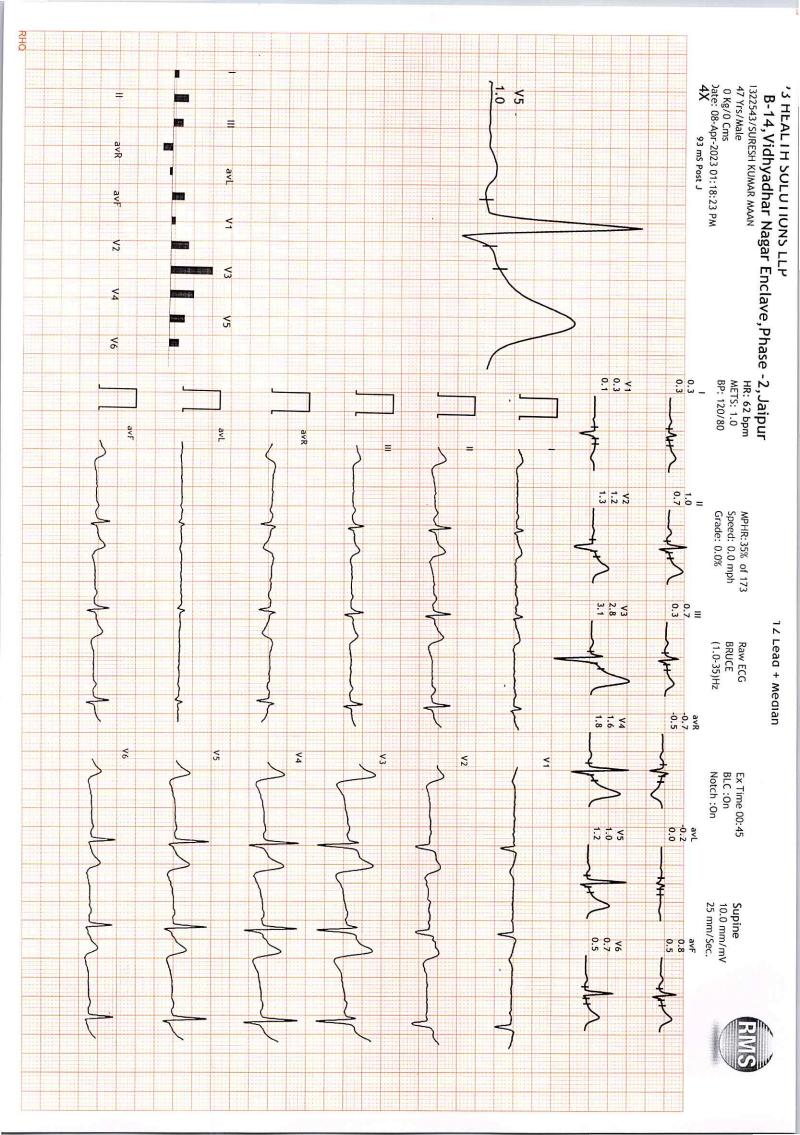


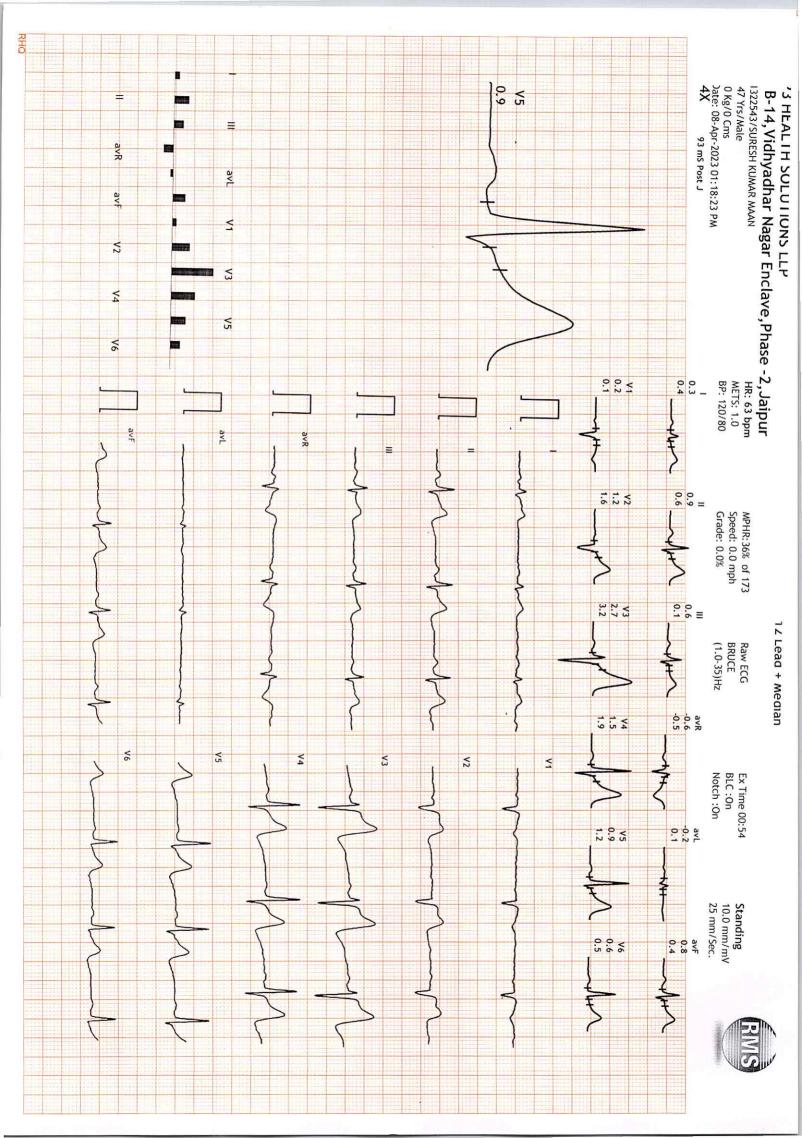
'3 HEALTH SOLUTIONS LLP
B-14, Vidhyadhar Nagar Enclave, Phase -2, Jaipur

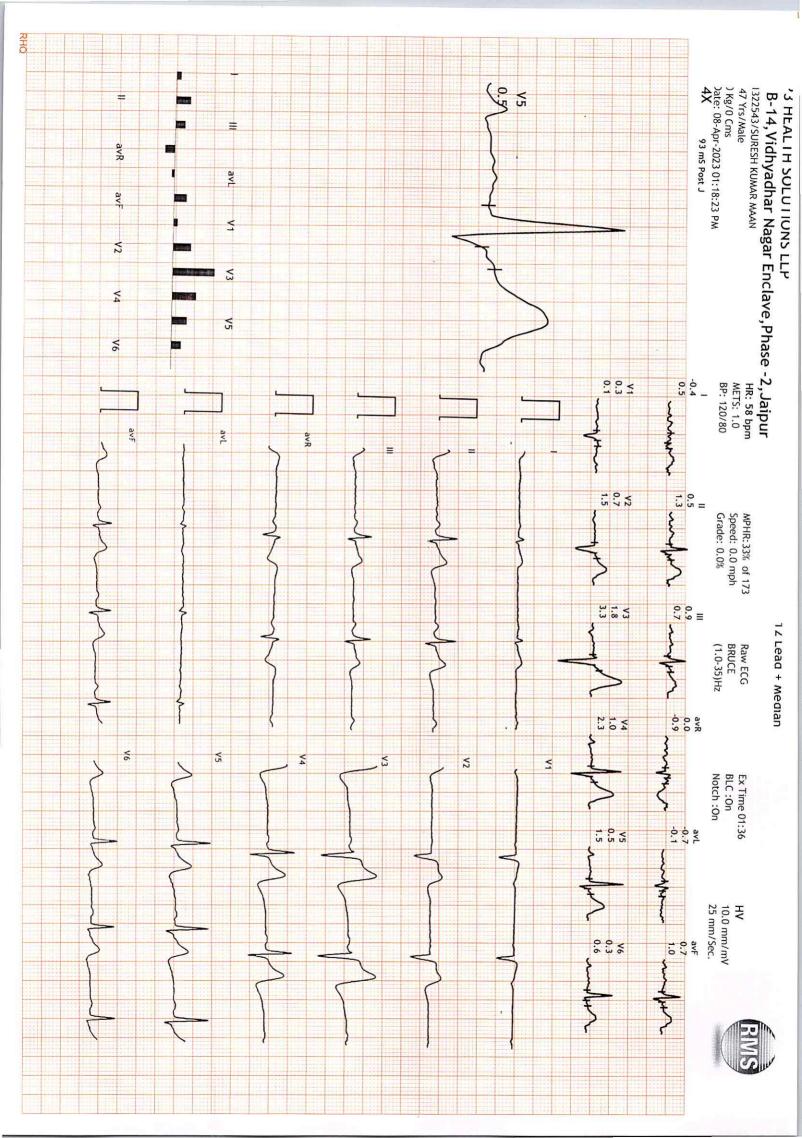
1322543/SURESH KUMAR MAAN
Date: 08-Apr-2023 01:18:23 PM
Ref. By: BANK OF BARODA
Medication:
Objective: 47 Yrs/Male 0 Kg/0 Cms

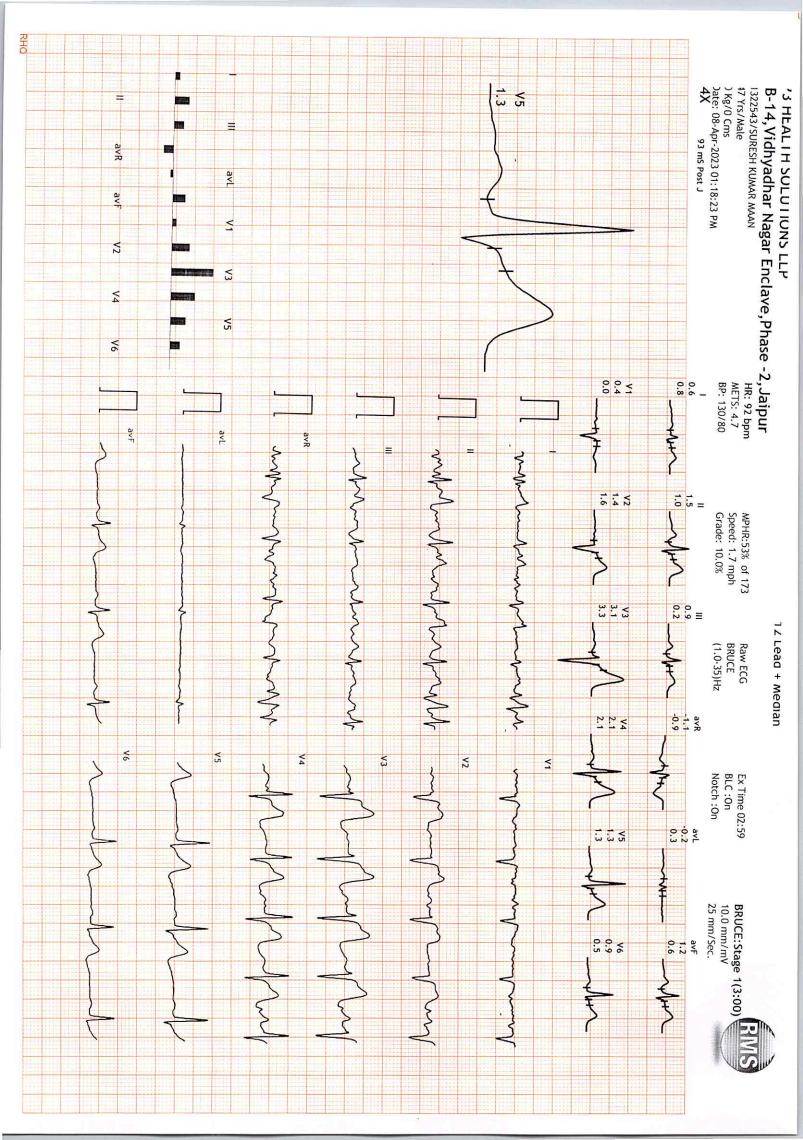
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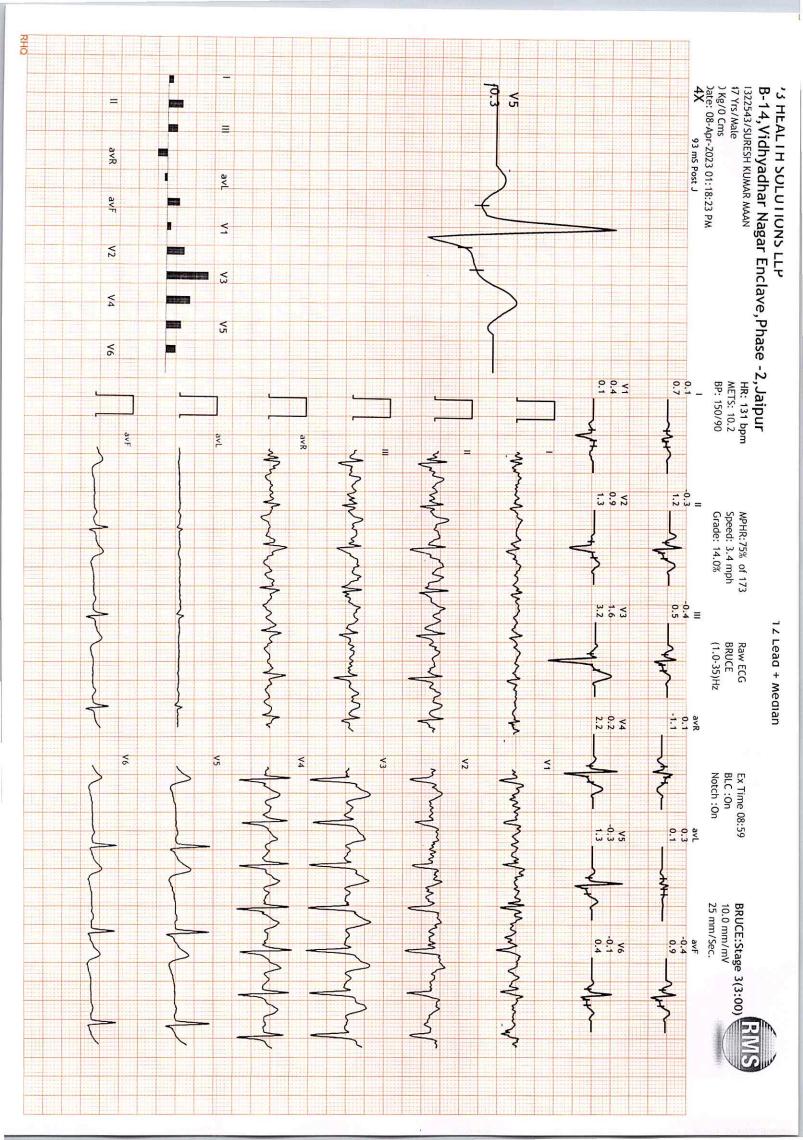
MEIS H.R. B.P. K.P.P. PV 1.0 62 120/80 74 - 1.0 58 120/80 74 - 1.0 58 120/80 69 - 1.0 77 120/80 92 - 1.1 114 140/85 159 - 1.1 118 150/90 198 - 1.1 18 150/90 176 - 1.1 18 150/90 144 - 1.1 18 173 MBBS, MBBS,	dvice/Comments:		Max WorkLoad attained :11(Good Effort Tolerance)		Recovery 4:00	Recovery 3:00	Recovery 2:00	Recovery 1:00	PeakEx 0:43 9:44	Stage 3 3:01 9:02	Stage 2 3:01 6:02	Stage 1 3:01 3:02	ExStart	HV	Standing	Supine	Stage Stage Ime Phase Ime Speed
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B.P. R.P.P. PV 120/80 74 - 120/80 69 - 120/80 92 - 130/80 119 - 150/90 198 - 150/90 176 - 150/90 176 - 150/90 115 - 150/90 115 - 150/90 101 - 150/9		W Cold	erance)	ax Predictable									1.0	1.0	1.0	<u>.</u>	® METs
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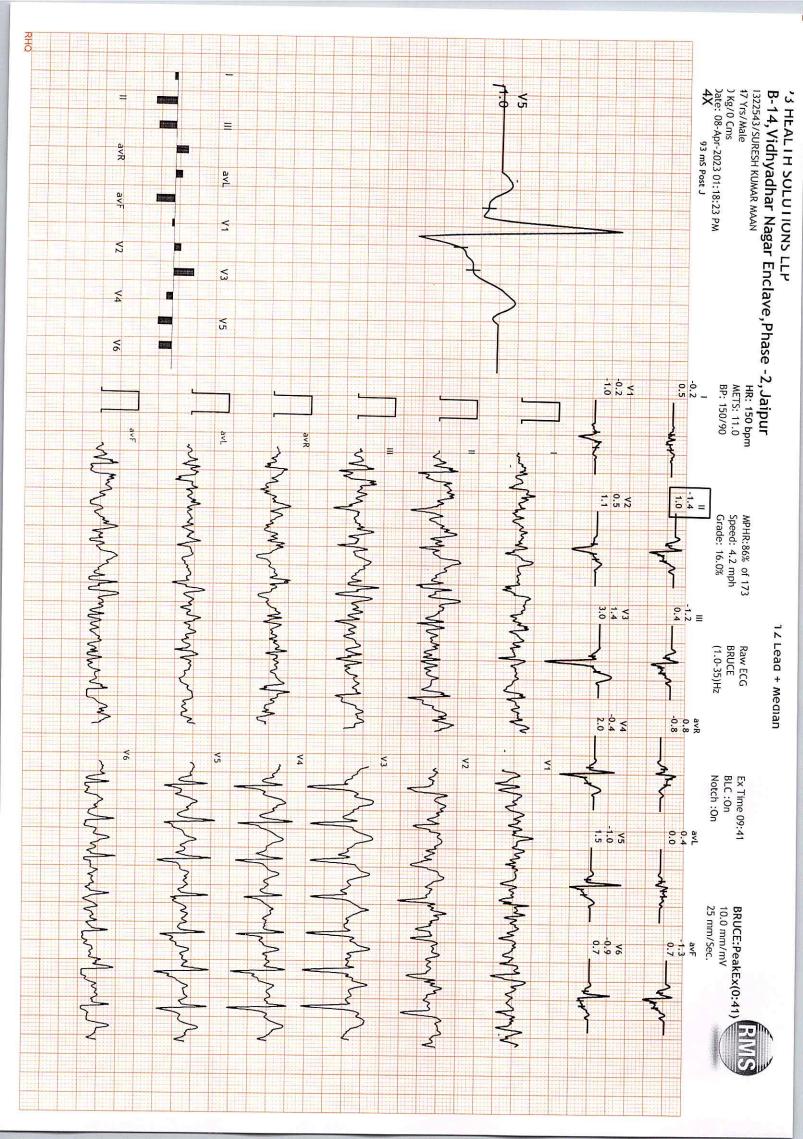


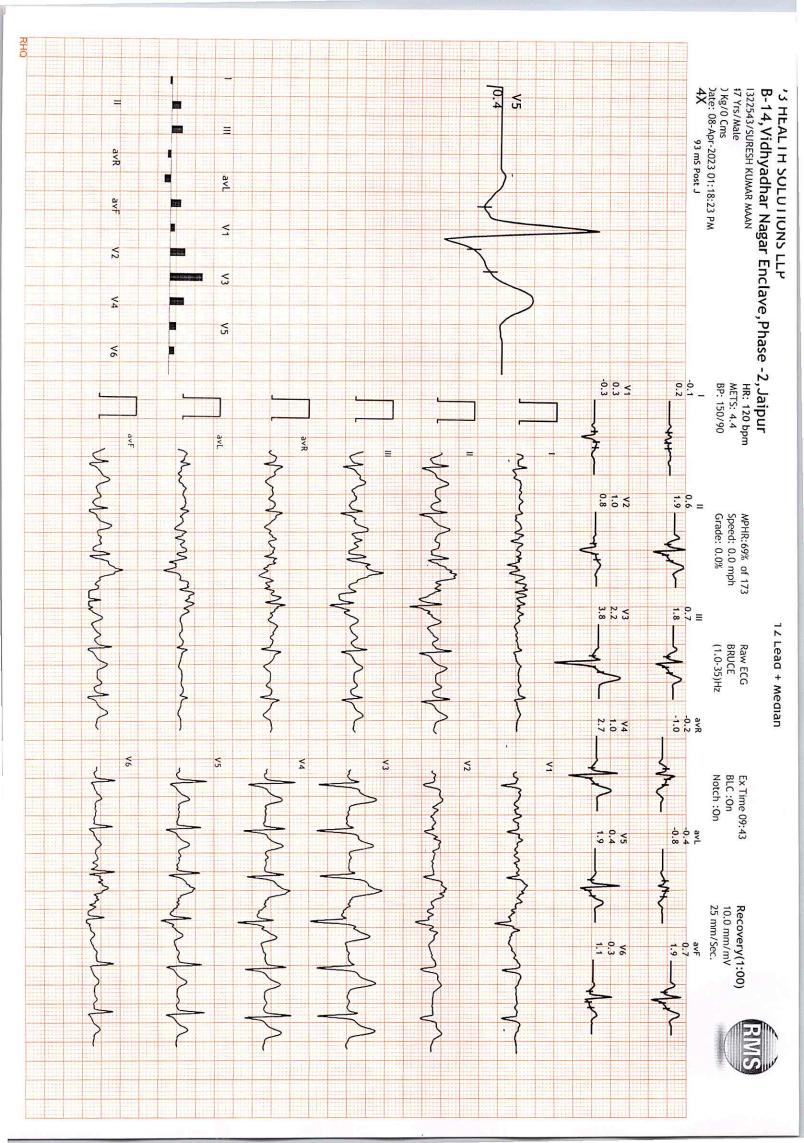


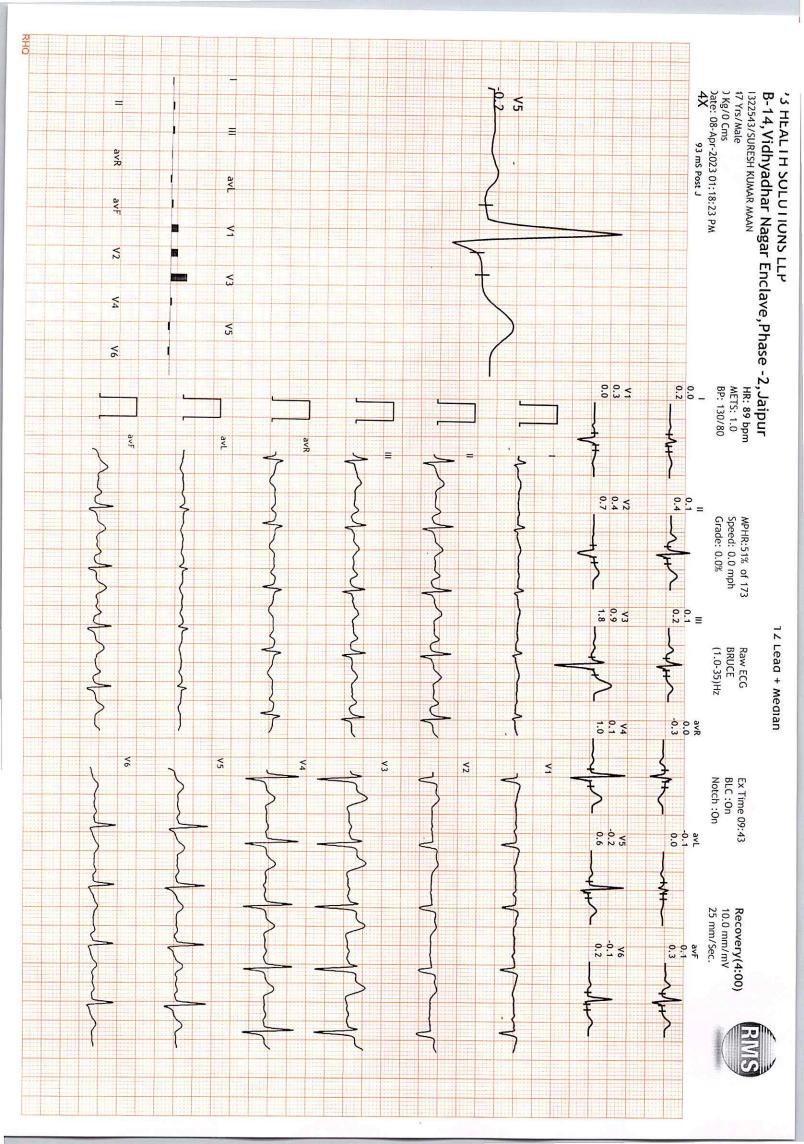












Average

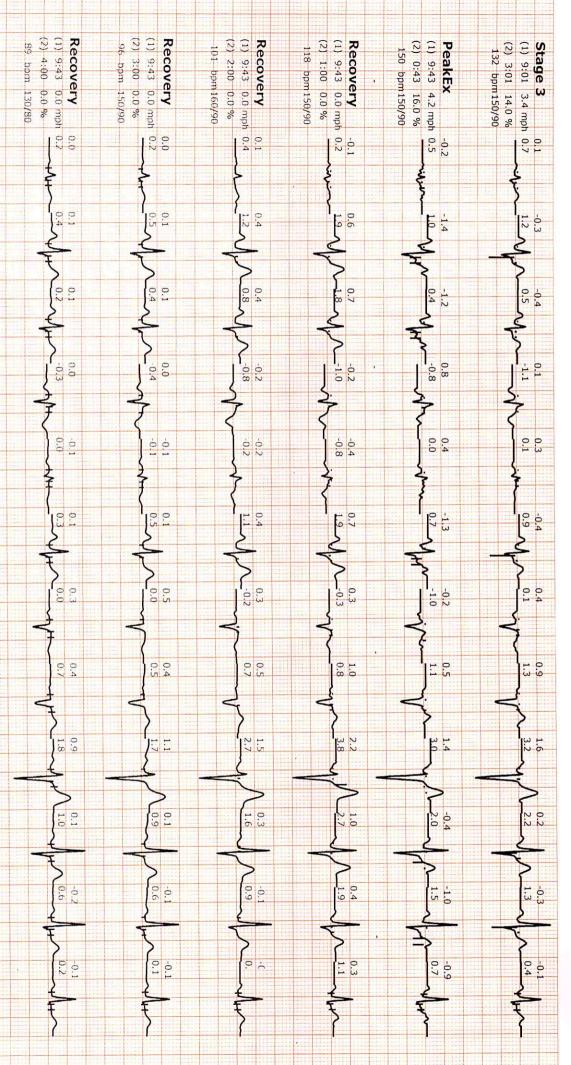
1322543/SURESH KUMAR MAAN 47 Yrs/Male

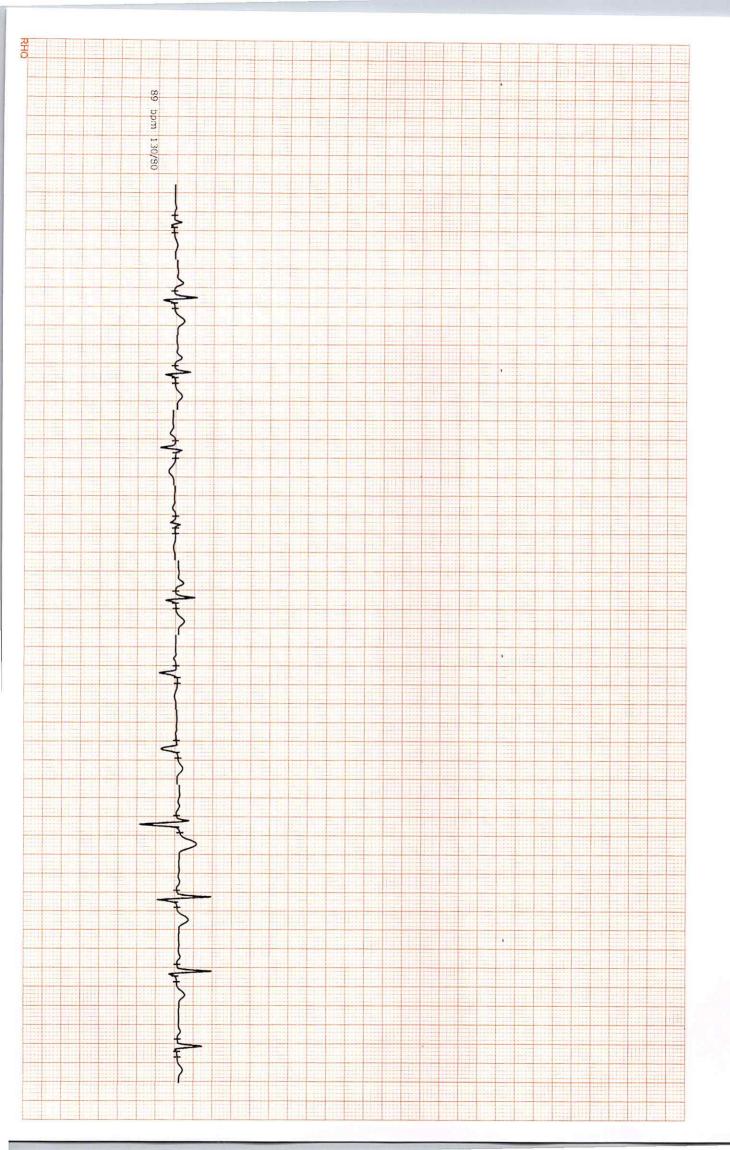
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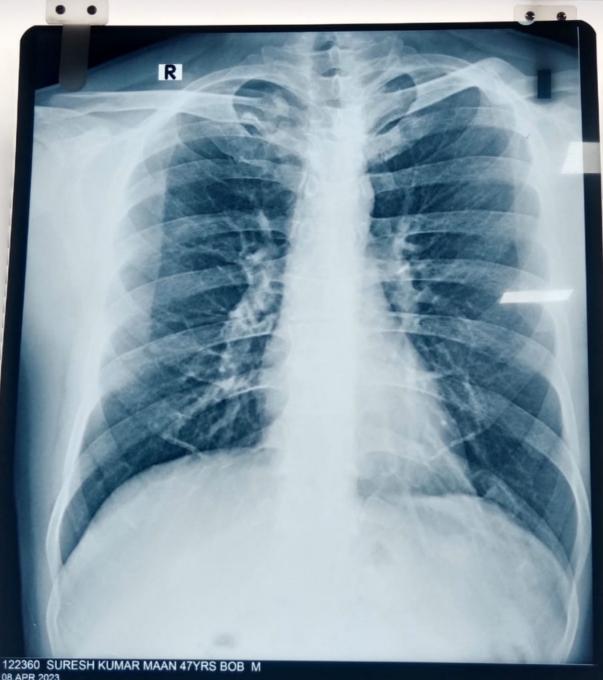
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122360 SURESH KUMAR MAAN 47YRS BOB M
08.APR.2023
MAXCARE DIAGNOSTIC (ASSOCIATES OF P3 HEALTH SOLUTIONS LLP)

