

UNION OF INDIA **Driving Licence** (RJ) (MT)

BA152-70190000886

with valid till

20/02/2018

Valid till 19/02/2039



Date of Birth  
01/07/1992

Sex  
M

OH



Holder's Name

VANSHANA MAMODIA

Issued at no. / 104/Draft/19-11/17 of

CHAU RAM MAMODIA

UNION OF INDIA **Driving Licence** (RJ) (NT)

RJ52-20190000886









Date of issue: 20/02/2019  
 Validity: 19/02/2039  
 Date of Birth: 01/07/1992  
 Blood Group: O+

Name: **VANDANA MAMODIA**  
 Relationship: **Daughter/Wife of**  
**CHAJLRAM MAMODIA**

*Handwritten signature*

**Dr. PIYUSH GOYAL**  
 MBBS, DM (Radiologist)  
 RMC No-037041

RJ52 20190000886

LMV: 20/02/2019 - 20/02/2019  
 MCWDG: 20/02/2019 - 20/02/2019

Permanent Address:  
 Bagawas Chokrasai  
 Viratnagar, Jaipur, RJ  
 303119

Issuing Authority Sign:  
**SHAHUPURA**



# 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 maxcarediagnostics1@gmail.com



## General Physical Examination

Date of Examination: 25/12/23

Name: VANDANA MAMODIA Age: 31 YRS DOB: 01/07/1992 Sex: Female

Referred By: DANKO F BARODA

Photo ID: DR. PIYUSH LIC ID#: RT5000190000886

Ht: 148 (cm)

Wt: 50 (Kg)

Chest (Expiration): 36 (cm)

Abdomen Circumference: 83 (cm)

Blood Pressure: 120/80 mm Hg PR: 79/min RR: 18/min Temp: Afebrile

BMI 22.8

Eye Examination: R/E - GIG, NIG, NCB  
L/E - GIG, NIG, NCB

Other: No

On examination he/she appears physically and mentally fit: Yes/No

Signature Of Examinee: [Signature] Name of Examinee: VANDANA MAMODIA

Signature Medical Examiner: DR. PIYUSH GOYAL  
MBS, DMRD (Radiologist)  
RMC No. 037041 Name Medical Examiner: DR. PIYUSH GOYAL



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**NAME :- Mrs. VANDANA MAMODIA**

Age :- 31 Yrs 5 Mon 25 Days

Sex :- Female

Patient ID :-12234243

Date :- 25/12/2023 09:29:51

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp :-

Company :- Mr.MEDIWHEEL

Final Authentication : 25/12/2023 16:31:44

## HAEMOGARAM

### HAEMATOLOGY

Test Name	Value	Unit	Biological Ref Interval
FULL BODY HEALTH CHECKUP BELOW 40 FEMAL			
HAEMOGLOBIN (Hb)	13.3	g/dL	12.0 - 15.0
TOTAL LEUCOCYTE COUNT	5.70	/cumm	4.00 - 10.00
DIFFERENTIAL LEUCOCYTE COUNT			
NEUTROPHIL	60.0	%	40.0 - 80.0
LYMPHOCYTE	34.0	%	20.0 - 40.0
EOSINOPHIL	2.0	%	1.0 - 6.0
MONOCYTE	4.0	%	2.0 - 10.0
BASOPHIL	0.0	%	0.0 - 2.0
TOTAL RED BLOOD CELL COUNT (RBC)	4.61	$\times 10^6/\mu\text{L}$	3.80 - 4.80
HEMATOCRIT (HCT)	41.20	%	36.00 - 46.00
MEAN CORP VOLUME (MCV)	89.0	fL	83.0 - 101.0
MEAN CORP HB (MCH)	28.9	pg	27.0 - 32.0
MEAN CORP HB CONC (MCHC)	32.3	g/dL	31.5 - 34.5
PLATELET COUNT	277	$\times 10^3/\mu\text{L}$	150 - 410
RDW-CV	13.3	%	11.6 - 14.0

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RMC No. 17226



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**NAME :- Mrs. VANDANA MAMODIA**

Age :- 31 Yrs 5 Mon 25 Days

Sex :- Female

Patient ID :-42234243

Date :- 25/12/2023 09:28:51

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Lab/Hosp :-

Company :- Mr.MEDIWHEEL

Final Authentication : 25/12/2023 16:31:44

## HAEMATOLOGY

**Erythrocyte Sedimentation Rate (ESR)**

Method - Westergren

16

mm in 1st hr

00 - 20

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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(CBC): Methodology: TLC,DLC Fluorescent Flow cytometry, HB SL5 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
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FASTING BLOOD SUGAR (Plasma)

Method- GOD POD

96.7

mg/dl

70.0 - 115.0

Impaired glucose tolerance (IGT)

111 - 125 mg/dL

Diabetes Mellitus (DM)

> 126 mg/dL

Instrument Name: HORIBA CA60 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 .

BLOOD SUGAR PP (Plasma)

Method- GOD PAP

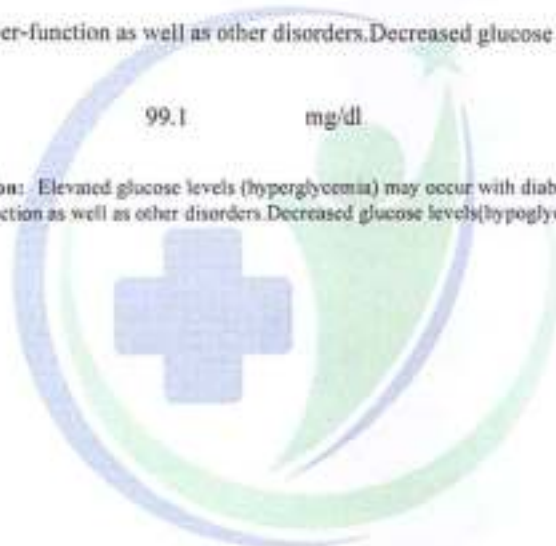
99.1

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)

Method:- CAPILLARY with EDTA

3.4 mg%

Non-Diabetic < 6.0  
Good Control 6.0-7.0  
Weak Control 7.0-8.0  
Poor control > 8.0

### MEAN PLASMA GLUCOSE

Method - Calculated Parameter

106 mg/dL

68 - 125

### 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 glycaemia. 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 glycaemia 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 erythropoiesis

- 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

#### 4. Erythrocyte destruction

- Increased HbA1c: increased erythrocyte life span: Splenectomy

- Decreased A1c: decreased RBC life span: hemoglobinopathies, splenomegaly, rheumatoid arthritis or drugs such as antiretrovirals, ribavirin & dequone

#### 5. Others

- Increased HbA1c: hyperbilirubinemia, carbamylated hemoglobin, alcoholism, large doses of aspirin, chronic opiate use, chronic renal failure

- Decreased HbA1c: hyperglycaemia, reticulocytosis, chronic liver disease, aspirin, vitamin C and E, splenomegaly, rheumatoid arthritis or drugs

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## HAEMATOLOGY

BLOOD GROUP ABO

Method:- Haemagglutination reaction.

"O" POSITIVE



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## BIOCHEMISTRY

Test Name	Value	Unit	Biological Ref Interval
-----------	-------	------	-------------------------

### LIPID PROFILE

TOTAL CHOLESTEROL

Method - CHOD-PAP methodology

149.00

mg/dl

Desirable <200  
Borderline 200-239  
High > 240

InstrumentName MISPA PLUS Interpretation: Cholesterol measurements are used in the diagnosis and treatments of lipid lipoprotein metabolism disorders.

TRIGLYCERIDES

Method - GPO-PAP

110.00

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

Method - Direct clearance Method

34.60

mg/dl

MALE- 30-70  
FEMALE - 30-85

Instrument Name Rx Daytona 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

Method - Calculated Method

96.07

mg/dl

Optimal <100  
Near Optimal/above optimal 100-129  
Borderline High 130-159  
High 160-189  
Very High > 190

VLDL CHOLESTEROL

Method - Calculated

22.00

mg/dl

0.00 - 80.00

T.CHOLESTEROL/HDL CHOLESTEROL RATIO

4.31

Method - Calculated

0.00 - 4.90

I.LDL / HDL CHOLESTEROL RATIO

2.78

Method - Calculated

0.00 - 3.50

TOTAL LIPID

Method - CALCULATED

465.67

mg/dl

400.00 - 1000.00

1. Measurements in the same patient can show physiological & analytical variations. Three serial samples 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

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## BIOCHEMISTRY

recommended

⚠ 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 from peripheral tissues.



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## BIOCHEMISTRY

### LIVER PROFILE WITH GGT

SERUM BILIRUBIN (TOTAL.)

Method:- DMSO/Diaz

0.56 mg/dL

Infants : 0.2-8.0 mg/dL

Adult - Up to - 1.2 mg/dL

SERUM BILIRUBIN (DIRECT)

Method:- DMSO/Diaz

0.15 mg/dL

Up to 0.40 mg/dL

SERUM BILIRUBIN (INDIRECT)

Method:- Calculated

0.41 mg/dl

0.30-0.70

SGOT

Method:- IFCC

28.0 U/L

0.0 - 40.0

SGPT

Method:- IFCC

32.2 U/L

0.0 - 35.0

SERUM ALKALINE PHOSPHATASE

Method:- DGRC - SCE

74.50 U/L

42.00 - 110.00

SERUM GAMMA GT

Method:- Sraz methodology

Instrument Name: Randox, Rx Intia

Interpretation: Elevation in GGT levels are seen earlier and more pronounced than those with other liver enzymes in cases of obstructive jaundice and

systemic encephalitis. 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 3 times normal) are observed with infectious hepatitis.

SERUM TOTAL PROTEIN

Method:- Direct Biamer Reagent

6.45 g/dl

6.00 - 8.40

SERUM ALBUMIN

Method:- Bromocresol Green

4.00 g/dl

3.50 - 5.50

SERUM GLOBULIN

Method:- CALCULATION

2.45 gm/dl

2.20 - 3.50

A/G RATIO

1.63

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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## BIOCHEMISTRY

### RFT / KFT WITH ELECTROLYTES

SERUM UREA 26.50 mg/dl 10.00 - 50.00

Method- Urine/GLDH

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

SERUM CREATININE 1.12 mg/dl Males : 0.6-1.50 mg/dl  
Females : 0.8 -1.40 mg/dl

Method- Jaffe's Method

#### 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 5.52 mg/dl 2.40 - 7.00

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

SODIUM 133.4 L mmol/L 135.0 - 150.0

Method- ISE

POTASSIUM 3.67 mmol/L 3.50 - 5.50

Method- ISE

CHLORIDE 95.2 mmol/L 94.0 - 110.0

Method- ISE

SERUM CALCIUM 9.56 mg/dl 8.80 - 10.20

Method- Arsenazo III Method

InstrumentName: MISPA 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 6.45 g/dl 6.00 - 8.40

Method- Direct Biuret Reagent

SERUM ALBUMIN 4.00 g/dl 3.50 - 5.50

Method- Bromocresol Green

SERUM GLOBULIN 2.45 gm/dl 2.20 - 3.50

Method- CALCULATION

A/G RATIO 1.63 1.30 - 2.50

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

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## INTERPRETATION

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 blood increases. 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.

Azotem from renal failure Blood Urea can increase in dehydration and GI bleed.



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## CLINICAL PATHOLOGY

Test Name	Value	Unit	Biological Ref Interval
-----------	-------	------	-------------------------

### Urine Routine

#### PHYSICAL EXAMINATION

COLOUR

PALE YELLOW

PALE YELLOW

APPEARANCE

Clear

Clear

#### CHEMICAL EXAMINATION

REACTION(PH)

6.5

5.0 - 7.5

SPECIFIC GRAVITY

1.015

1.010 - 1.030

PROTEIN

NIL

NIL

SUGAR

NIL

NIL

BILIRUBIN

NEGATIVE

NEGATIVE

UROBILINOGEN

NORMAL

NORMAL

KETONES

NEGATIVE

NEGATIVE

NITRITE

NEGATIVE

NEGATIVE

#### MICROSCOPY EXAMINATION

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

ABSENT

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RMC No. 17226



# P3 HEALTH SOLUTIONS LLP

(ASSOCIATES OF MAXCARE DIAGNOSTICS)

B-14, Vidhyadhar Enclave-II, Near Axix Bank  
Central Spine, Vidhyadhar Nagar, Jaipur - 302023  
+91 141 4824885 maxcarediagnostics1@gmail.com



NAME :- Mrs. VANDANA MAMODIA

Age :- 31 Yrs 5 Mon 25 Days

Sex :- Female

Patient ID :-42234243

Date :- 25/12/2023

09:29:51

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp :-

Company :- Mr.MEDIWHEEL

Final Authentication : 25/12/2023 16:31:44

## CLINICAL PATHOLOGY

URINE SUGAR (FASTING)  
Collected Sample Received

Nil

Nil



Technologist  
VIKARAN DJ  
Page No: 13 of 16

*Tanu*  
**DR.TANU RUNGTA**  
MD (Pathology)  
RMC No. 17226





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NAME :- Mrs. VANDANA MAMODIA

Age - 31 Yrs 5 Mon 25 Days

Sex - Female

Patient ID :-12234243

Date :- 25/12/2023 09:29:51

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## TOTAL THYROID PROFILE

### IMMUNOASSAY

Test Name	Value	Unit	Biological Ref Interval
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THYROID-TRIIODOETHYRONINE T3

Method - ECLIA

1.13

ng/mL

0.70 - 2.04

NOTE-TSH levels are subject to circadian 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 measure 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 hyperthyroidism 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 Graves disease 3.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 Thyroid microsomal antibody increased seen in patients with Hashimoto thyroiditis 5.High TSH, Low FT4 and Thyroid microsomal antibody normal seen in patients with Iodine deficiency/Congenital T4 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 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 & 10.Normal T3 & T4 along with \* TSH indicate mild / Subclinical Hyperthyroidism 11.Normal T3 & \* T4 along with \* TSH is seen in Hypothyroidism 12.Normal T3 & T4 levels with \* TSH indicate Mild / Subclinical Hypo

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 distribution 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 radioiodine 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 unrecognised thyroid disease in the elderly. \*\*\* 5.10 - 14.10

Method - ECLIA

NOTE-TSH levels are subject to circadian 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 measure 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

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TSH 1.580 uIU/mL 0.350 - 5.500

Method - ECLIA

NOTE-TSH levels are subject to circadian 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 measure 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 use

DR.TANU RUNGTA  
MD (Pathology)  
RMC No. 17226

Technologist  
VIKARAN TSI  
Page No. 15 of 16



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## IMMUNOASSAY

Evaluating differential diagnosis

INTERPRETATION-Ultra Sensitive 4th generation assay

- 1 Primary hyperthyroidism is accompanied by raised T3 & T4 values along with ↓ TSH level.
- 2 Low TSH,high FT4 and TSH receptor antibody(TRAb) +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 microsomal antibody increased seen in patients with Hashimoto thyroiditis
- 5 HighTSH,Low FT4 and Thyroid microsomal antibody normal seen in patients with Iodine deficiency/Congenital T4 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 ↓ serum T3 and T4 values & raised 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 Hyperthyroidism .
- 11 Normal T3 & ↑ T4 along with ↑ TSH is seen in Hypothyroidism .
- 12 Normal T3 & T4 levels with ↑ TSH indicate Mild / Subclinical Hypothyroidism .
- 13 Slightly ↑ T3 levels may be found in pregnancy and in estrogen therapy while ↓ levels may be encountered in severe illness , malnutrition , renal failure and during therapy with drugs like propranolol.
- 14 Although ↑ TSH levels are nearly always indicative of Primary Hypothyroidism , rarely they can result from TSH secreting pituitary tumours.

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

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The production, circulation, and distribution 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 radioiodine 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.

\*\*\* End of Report \*\*\*

Technologist  
VIKARANTSI  
Page No: 16 of 16

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RMC No. 17226





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MRS. VANDANA MAMODIA	Age : 31 Y/Female
Registration Date: 25/12/2023	Ref. by: BANK OF BARODA

## ULTRASOUND OF WHOLE ABDOMEN

**Liver** is of normal size (125 mm). Echo-texture is normal. No focal space occupying lesion is seen within liver parenchyma. Intra hepatic 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. Echotexture is normal. No focal lesion is seen.

**Kidneys** are normally sited and are of normal size and shape. Cortico-medullary echoes are normal. No focal lesion is seen. Collecting system does not show any dilatation or calculus.

**Right kidney** is measuring approx. 85 mm.

**Left kidney** is measuring approx. 94 mm.

**Urinary bladder** does not show any calculus or mass lesion.

**Uterus** is retroflexed, normal in size (measuring approx. 76 x 40 mm).

Myometrium shows normal echo -pattern. No focal space occupying lesion is seen. Endometrial echo is normal. Endometrial thickness is 7.2 mm.

Both ovaries are visualized and are normal. No adnexal mass lesion is seen.

No enlarged nodes are visualized. No retro-peritoneal lesion is identified.

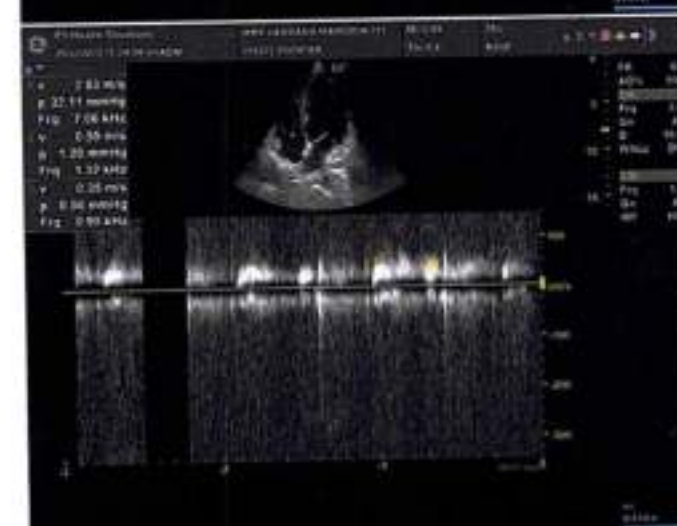
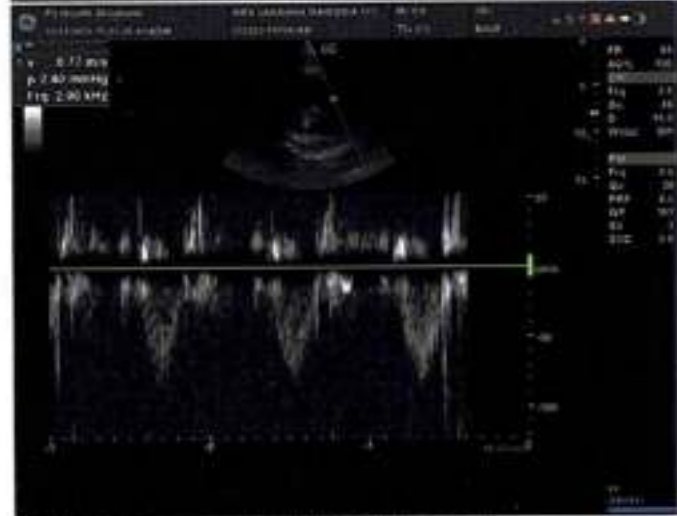
No significant free fluid is seen in pouch of Douglas.

### IMPRESSION:

- Solid abdominal organs appear normal.
- No free fluid or lymphadenopathy.

Dr. Mukesh Sharma  
M.B.B.S; M.D. (Radiodiagnosis)  
RMC No. 43418/17437

Jr. MUKESH SHARMA  
B.S., M.D.(Radiodiagnosis)  
RMC No. : 43418/17437  
P3 Health Solutions LLP





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MRS. VANDANA MAMODIA	31 Y/F
Registration Date: 25/12/2023	Ref. by: BANK OF BARODA

2D-ECHOCARDIOGRAPHY M.MODE WITH DOPPLER STUDY:  
FAIR TRANSTHORACIC ECHOCARDIOGRAPHIC WINDOW MORPHOLOGY:

MITRAL VALVE	NORMAL	TRICUSPID VALVE	NORMAL
AORTIC VALVE	NORMAL	PULMONARY VALVE	NORMAL

M.MODE EXAMINATION:

AO	2.7	Cm	LA	3.0	cm	IVS-D	0.8	cm
IVS-S	1.1	cm	LVID	4.7	cm	LVSD	2.2	cm
LVPW-D	0.8	cm	LVPW-S	1.3	cm	RV		cm
RVWT		cm	EDV		ml	LVVS		ml
LVEF	55-60%		RWMA			ABSENT		

CHAMBERS:

LA	NORMAL	RA	NORMAL
LV	NORMAL	RV	NORMAL
PERICARDIUM	NORMAL		

COLOUR DOPPLER:

MITRAL VALVE				
E VELOCITY	0.78	m/sec	PEAK GRADIENT	Mm/hg
A VELOCITY	0.52	m/sec	MEAN GRADIENT	Mm/hg
MVA BY PHT		Cm2	MVA BY PLANIMETRY	Cm2
MITRAL REGURGITATION	ABSENT			
AORTIC VALVE				
PEAK VELOCITY	1.24	m/sec	PEAK GRADIENT	mm/hg
AR VMAX		m/sec	MEAN GRADIENT	mm/hg
AORTIC REGURGITATION	ABSENT			
TRICUSPID VALVE				
PEAK VELOCITY	0.55	m/sec	PEAK GRADIENT	mm/hg
MEAN VELOCITY	0.35	m/sec	MEAN GRADIENT	mm/hg
VMax VELOCITY				
TRICUSPID REGURGITATION	MILD			
PULMONARY VALVE				
PEAK VELOCITY	0.77	M/sec.	PEAK GRADIENT	Mm/hg
MEAN VELOCITY			MEAN GRADIENT	Mm/hg
PULMONARY REGURGITATION	ABSENT			

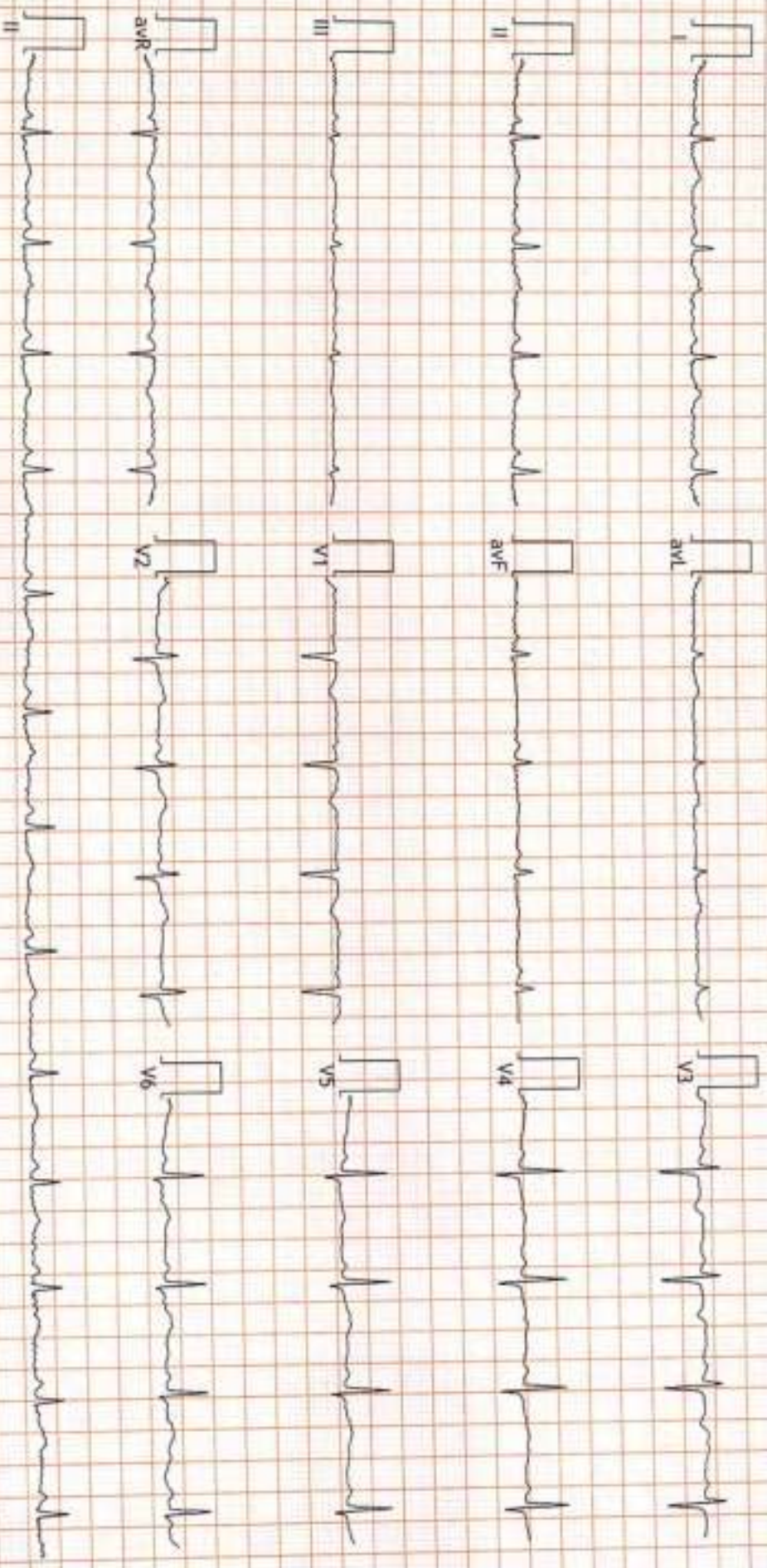
Impression—

- NORMAL LV SIZE & CONTRACTILITY.
- NO RWMA, LVEF 55-60%.
- MILD TR/ PAH (RVSP 32 MMHG+ RAP).
- NORMAL DIASTOLIC FUNCTION.
- NO CLOT, NO VEGETATION, NO PERICARDIAL EFFUSION.

Dr. JYOTI AGARWAL  
M.D. (Cardiology) (Cardiologist)  
RMC No.- 27255

HR: 78 bpm

PR Interval: 120 ms  
QRS Duration: 122 ms  
QT/QTc: 309/353ms  
P-QRS-T Axis: 37 - 29 - 16 (Deg)




FINDINGS: Normal Sinus Rhythm  
Vent Rate : 78 bpm; PR Interval : 120 ms; QRS Duration: 122 ms; QT/QTc Int : 309/353 ms  
P-QRS-T axis: 37 • 29 • 16 • (Deg)  
Comments :

TWMC

Dr. Naresht Kumar Mohanka  
BBS, DIP CARDIO (T) (CRIS)  
RMC No. 35703  
Dr. Naresht Kumar Mohanka




 **GPS Map Camera**



**Jaipur, Rajasthan, India**  
CANTEEN, SHANKARA EYE HOSPITAL, 6/168, Sector 2, Sector 6,  
Vidyadhar Nagar, Jaipur, Rajasthan 302032, India  
Lat 26.964505°  
Long 75.782535°  
25/12/23 09:48 AM GMT +05:30





 **GPS Map Camera**

**Jaipur, Rajasthan, India**

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**Google**