

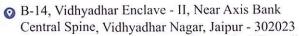
MBBS, MD (Physician)

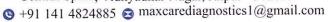




P3 HEALTH SOLUTIONS LLP

(ASSOCIATES OF MAXCARE DIAGNOSTICS)







General Physical Examination

Date of Examination: 11/01/23
Name: NTTESH CHAUHAN Age: 31 YRS DOB: 12/01/1998ex: Male
Referred By: BANKOF BARODA
Photo ID: AADHAR ID#: 8866
Ht: <u> G& (cm)</u> Wt: <u>+G (Kg)</u>
Chest (Expiration): 100 (cm) Abdomen Circumference: 99 (cm)
Blood Pressure: 136/87 mm Hg PR: 83 / min RR: 17 / min Temp: Alebnic
Eye Examination: RIE 7 6/6, N/6, NCB LIE 6/6, N/6, NCB
Other: NA
On examination he/she appears physically and mentally fit: Yes/No Signature Of Examine: Name of Examinee: NTTESH CHAUHAN
Signature Medical Examiner: Name Medical Examiner - U.C. GUPTA Dr. U. C. GUPTA MBBS, MD (Physician) FMC No. 291



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Date :- 11/01/2023

10:25:50

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp:-

Patient ID: -12222846

:- Mr.MEDIWHEEL

Final Authentication: 11/01/2023 16:53:18

NAME :- Mr. NITESH CHAUHAN

Age :- 31 Yrs Sex :- Male

Company :-

HAEMATOLOGY

Test Name	Value	Unit	Biological Ref Interval
FULL BODY HEALTH CHECKUP BELOW 40	MALE		
	IVIALE		
HAEMOGARAM	e la na earc	enatis:	Sacratical Maries - Sacratica Colories
HAEMOGLOBIN (Hb)	15.3	g/dL	13.0 - 17.0
TOTAL LEUCOCYTE COUNT	7.60	/cumm	4.00 - 10.00
DIFFERENTIAL LEUCOCYTE COUNT			
NEUTROPHIL	62.0	%	40.0 - 80.0
LYMPHOCYTE	31.0	%	20.0 - 40.0
EOSINOPHIL	3.0	%	1.0 - 6.0
MONOCYTE	4.0	%	2.0 - 10.0
BASOPHIL	0.0	%	0.0 - 2.0
TOTAL RED BLOOD CELL COUNT (RBC)	4.60	x10^6/uL	4.50 - 5.50
HEMATOCRIT (HCT)	46.10	%	40.00 - 50.00
MEAN CORP VOLUME (MCV)	104.0 H	fL	83.0 - 101.0
MEAN CORP HB (MCH)	34.5 H	pg	27.0 - 32.0
- MEAN CORP HB CONC (MCHC)	33.2	g/dL	31.5 - 34.5
PLATELET COUNT	195	x10^3/uL	150 - 410
RDW-CV	14.9 H	%	11.6 - 14.0
MENTZER INDEX	23.48 H		0.00 - 0.00

A complete blood picture (CBP) is a kind of blood test that is done to assess a person's overall health and diagnose a wide range of health disorders like leukemia, anemia and other infections.

A complete blood count (CBC) is a complete blood test that diagnose many components and features of a persons blood which includes:

*Red Blood Cells (RBC), which carry oxygen -

(CBC): Methodology: TLC,TRBC,PCV,PLT Impedance method, HB Calorimetric method, and MCH,MCV,MCHC,MENTZER INDEX are calculated. InstrumentName: MINDRAY BC-3000 Plus 3 part automatic analyzer,

VIKARANTJI

Technologist Page No: 1 of 16 DR TANURUNG

^{*}White Blood Cells (WBC), which help in fighting against infections -

^{*}Hemoglobin, which is the oxygen carrying protein in the red blood cells -

^{*}Hematocrit (HCT), the proportion of RBC to the fluid component, or plasma present in blood -

^{*}Platelets, which aid in blood clotting



Sex :-

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NAME :- Mr. NITESH CHAUHAN

31 Yrs

Male

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ate :- 11/01/2023 10

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HAEMATOLOGY

Erythrocyte Sedimentation Rate (ESR)

03

mm in 1st hr

Patient ID: -12222846

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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Technologist Page No: 2 of 16 DR.TANU RUNGTA MD (Pathology)

MD (Pathology) RMC No. 17226



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Patient ID: -12222846

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NAME :- Mr. NITESH CHAUHAN

Age :-31 Yrs Sex :-Male

Test Name

Company:-

BIOCHEMISTRY

Biological Ref Interval Value Unit

FASTING BLOOD SUGAR (Plasma) Methord:- GOD POD

mg/dl

70.0 - 115.0

111 - 125 mg/dL Impaired glucose tolerance (IGT) 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) Methord:- GOD PAP

86.5

107.0

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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Technologist

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Biological Ref Interval

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NAME :- Mr. NITESH CHAUHAN

Age :-31 Yrs Male Sex :-

Test Name

Company:-

HAEMATOLOGY

GLYCOSYLATED HEMOGLOBIN (HbA1C) Methord:- CAPILLARY with EDTA

5.5

Value

mg%

Unit

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

MEAN PLASMA GLUCOSE

Methord:- Calculated Parameter

111

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

- 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, ribavirin & dapsone

5. Others

- 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 hemolytic 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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Technologist

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NAME :- Mr. NITESH CHAUHAN

31 Yrs

Male

Age :-

Sex :-

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HAEMATOLOGY

BLOOD GROUP ABO Methord:- Haemagglutination reaction

"O" POSITIVE



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Technologist Page No: 6 of 16



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NAME :- Mr. NITESH CHAUHAN

Age :-31 Yrs Sex :-Male

Company:-

BIOCHEMISTRY

Test Name	Value	Unit	Biological Ref Interval

LIPID PROFILE

TOTAL CHOLESTEROL

183.00

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
Methord:- GPO-TOPS methodology

413.00 H

mg/dl

Normal

<150

High

Borderline high 150-199 200-499

Very high

>500

PLEASE CORRELATE CLINICALLY

InstrumentName:MISPA PLUS 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 Methord:- Selective inhibition Method

Male 35-80 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

VLDL CHOLESTEROL

Methord:- Calculated

35.17

mg/dl

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

Very High > 190 82.60 H mg/dl 0.00 - 80.00

T.CHOLESTEROL/HDL CHOLESTEROL RATIO 2.32 0.00 - 4.90

LDL / HDL CHOLESTEROL RATIO 0.45 0.00 - 3.50Methord:- Calculated

TOTAL LIPID 845.85 mg/dl 400.00 - 1000.00

1. Measurements in the same patient can show physiological analytical variations. Three serialsamples I 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 recommended

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Technologist

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DR.TANU RUNGTA MD (Pathology)

RMC No. 17226



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U/L

Company :-Mr.MEDIWHEEL

Final Authentication: 11/01/2023 16:53:18

NAME :- Mr. NITESH CHAUHAN

Age :-31 Yrs Sex :-Male

BIOCHEMISTRY

LIVER PROFILE WITH GGT SERUM BILIRUBIN (TOTAL)

Methord: - DMSO/Diazo SERUM BILIRUBIN (DIRECT)

SERUM BILIRUBIN (INDIRECT) Methord:- Calculated SGOT

Methord:- IFCC SGPT Methord:- IFCC

SERUM ALKALINE PHOSPHATASE Methord:- DGKC - SCE

SERUM GAMMA GT Methord:- Szasz methodology Instrument Name Randox Rx Imola

Interpretation: Elevations in GGT levels areseen earlier and more pronounced than those with other liver enzymes in cases of obstructive jaundice and

metastatic neoplasms. It may reach 5 to 30 times normal levels in intra-or post-hepatic byliary obstruction. Only moderate elevations in the enzyme level (2 to 5 times normal) are observed with infectious hepatitis

TITA	OTTER	MACCHINA	1

0.48	mg/dL	Infants: 0.2-8.0 mg/dL Adult - Up to - 1.2 mg/dL
0.13	mg/dL	Up to 0.40 mg/dL
0.35	mg/dl	0.30-0.70
56.3 H	U/L	Men- Up to - 37.0 Female - Up to - 31.0
44.9 H	-U/L	Men- Up to - 40.0 Female- Up to - 31.0
78.30	U/L	53.00 - 141.00

10.00 - 45.00

SERUM TOTAL PROTEIN Methord:- Direct Biuret Reagent	6.33	g/dl	5.10 - 8.00
SERUM ALBUMIN Methord:- Bromocresol Green	5.42	g/dl	3.50 - 5.50
SERUM GLOBULIN Methord:- CALCULATION	0.91 L	gm/dl	2.20 - 3.50
A/G RATIO	5.96 H		1.30 - 2.50

19.80

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.

VIKARANTJI

Technologist Page No: 9 of 16 DR.TANU RUNGTA

MD (Pathology) RMC No. 17226



Sex :-

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Patient ID: -12222846

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BIOCHEMISTRY

RFT / KFT WITH ELECTROLYTES

NAME :- Mr. NITESH CHAUHAN

31 Yrs

Male

SERUM UREA Methord:- Urease/GLDH 24.00

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

0.98

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

6.90

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.

SODIUM Methord - ISF

135.0 - 150.0

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

mmol/L

3.50 - 5.50

Interpretation: A. Elevated potassium (hyperkalaemia). Artefactual, Physiological 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

103.0

mmol/I

94.0 - 110.0

Interpretation: Used for Electrolyte monitoring.

SERUM CALCIUM

Methord:- Colorimetric method

8.82

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 VKARA RIFG Biuret Reagent

6.33

g/dl

5.10 - 8.00

Technologist

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DR.TANU RUNGTA

MD (Pathology) RMC No. 17226

form



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BIOCHEMISTRY

SERUM ALBUMIN Methord - Bromocresol Green 5.42

g/dl

3.50 - 5.50

SERUM GLOBULIN Methord:- CALCULATION

0.91 L

gm/dl

A/G RATIO

5.96 H

1.30 - 2.50

2.20 - 3.50

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-hourcollections 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 bloodincreases. 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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Technologist Page No: 11 of 16



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CLINICAL PATHOLOGY

URINE SUGAR (FASTING) Collected Sample Received Nil

Nil

URINE SUGAR PP Collected Sample Received

Nil

Nil



VIKARANTJI

Technologist

Page No: 13 of 16

DD TANU DU



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Lab/Hosp :-Company :-

Mr.MEDIWHEEL

Final Authentication: 11/01/2023 16:53:18

NAME :- Mr. NITESH CHAUHAN

31 Yrs Age :-

Sex :-Male

TOTAL THYROID PROFILE

IMMUNOASSAY

Value Unit **Biological Ref Interval Test Name**

THYROID-TRIIODOTHYRONINE T3

1.12

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, simoultaneous 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) TST LCR FCL FATION*-Ditra Sensitive 4th generation assay 1.Primary hyperthyroidism is accompanied by Fstrum 13 & 14 values along with TSH levels.2.Low TSH,high FT4 and TSH receptor antibody (TRAb) -ve seen in patients with Toxic Multinodular goilter 4.HighTSH,Low FT4 and TSH receptor antibody (TRAb) -ve seen in patients with Toxic Multinodular goilter 4.HighTSH,Low FT4 and TNroid microsomal antibody increased seen in patients with Hashimotos thyroiditis 5.HighTSH,Low FT4 and TNroid 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 Thyrotoxicosis9.Normal or T3 & T4 along with TSH indicate mild / Subclinical Hypothyroidism.11.Normal T3 & T4 along with TSH indicate mild / Subclinical Hypothyroidism.12.Normal T3 & T4 levels with TSH indicate Mild / Subclinical Hypothyroidism.12.Normal T3 & T4 levels with TSH indicate Mild / Subclinical Hypothyroidism.13.Normal T3 & T4 levels with TSH indicate Mild / Subclinical Hypothyroidism.13.Normal T3 & T4 levels with TSH indicate Mild / Subclinical Hypothyroidism.14.Normal T3 & T4 levels with TSH indicate Mild / Subclinical Hypothyroidism.15.Normal T3 & T4 levels with TSH indicate Mild / Subclinical Hypothyroidism.15.Normal T3 & T4 levels with TSH indicate Mild / Subclinical Hypothyroidism.15.Normal T3 & T4 levels with TSH indicate Mild / Subclinical Hypothyroidism.15.Normal T3 & T4 levels with TSH indicate Mild / Subclinical Hypothyroidism.15.Normal T3 & T4 levels with TSH indicate Mild / Subclinical Hypothyroidism.15.Normal T3 & T4 levels with TSH indicate Mild / Subclinical Hypothyroidism.15.Normal T3 & T4 levels with TSH indicate Mild / Subclinical Hypothyroidism.15.Normal T3 & T4 levels with TSH indicate Mild / Subclinical Hypothyroidism.15.Normal

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 THARONDAL FIGURE (14) six due to a real change with age of 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 TRANGER (14) six due to a real change with age of 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 than 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 than 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 than the critical nature of the condition is resolved. 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, simoultaneous measurement of TSH with free T4 is useful in evaluating differential diagnosis

INTERPRETATION-Ultra Sensitive 4th generation assay 1. Primary hyperthyroidism is accompanied by tserum 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 Hashimotos thyroiditis 5.HighTSH,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 Tertiary hypothyroidism
7.Primary hypothyroidism is accompanied by 1 serum T3 and T4 values & 'serum TSH levels8.Normal T4 levels accompanied by 1 T3 levels and low TSH are seen in patients with T3 Thyrotoxicosis9.Normal or T3 & T

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 Hyperthyroidism .10.Normal T3 & T4 levels with "TSH indicate Mild / Subclinical Hyperthyroidism .10.Normal T3 & T4 levels with "TSH indicate Mild / Subclinical Hyperthyroidism .10.Normal T3 & T4 levels with "TSH indicate Mild / Subclinical Hyperthyroidism .10.Normal T3 & T4 levels with "TSH indicate Mild / Subclinical Hyperthyroidism .10.Normal T3 & T4 levels with "TSH indicate Mild / Subclinical Hyperthyroidism .10.Normal T3 & T4 levels with "TSH indicate Mild / Subclinical Hyperthyroidism .10.Normal T3 & T4 levels with "TSH indicate Mild / Subclinical Hyperthyroidism .10.Normal T3 & T4 levels with "TSH indicate Mild / Subclinical Hyperthyroidism .10.Normal T3 & T4 levels with "TSH indicate Mild / Subclinical Hyperthyroidism .10.Normal T3 & T4 levels with "TSH indicate Mild / Subclinical Hyperthyroidism .10.Normal T3 & T4 levels with "TSH indicate Mild / Subclinical Hyperthyroidism .10.Normal T3 & T4 levels with "TSH indicate Mild / Subclinical Hyperthyroidism .10.Normal T3 & T4 levels with "TSH indicate Mild / Subclinical Hyperthyroidism .10.Normal T3 & T4 levels with "TSH indicate Mild / Subclinical Hyperthyroidism .10.Normal T3 & T4 levels with "TSH indicate Mild / Subclinical Hyperthyroidism .10.Normal T3 & T4 levels with "TSH indicate Mild / Subclinical Hyperthyroidism .10.Normal T3 & T4 levels with "TSH indicate Mild / Subclinical Hyperthyroidism .10.Normal T3 & T4 levels with "TSH indicate Mild / Subclinical Hyperthyroidism .10.Normal T3 & T4 levels with "TSH indicate Mild / Subclinical Hyperthyroidism .10.Normal T3 & T4 levels with "TSH indicate Mild / Subclinical Hyperthyroidism .10.Normal T3 & T4 levels with "TSH indicate Mild / Subclinical Hyperthyroidism .10.Normal T3 & T4 levels with "TSH indicate Mild / Subclinical Hyperthyroidism .10.Normal T3 & T4 levels with "TSH indicate Mild / Subclinical Hy

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 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

1.507

μIU/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

NTERPRETATION-Ultra Sensitive 4th generation assay

Technologist

Page No: 15 of 16

DR.TANU RUNGTA MD (Pathology)

RMC No. 17226

Janu



NAME :- Mr. NITESH CHAUHAN

31 Yrs

Male

Age :-

Sex :-

© +91 141 4824885 ⋒ maxcarediagnostics1@gmail.com



Date :- 11/01/2023

10:25:50

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp :-

Company:-Mr.MEDIWHEEL

Final Authentication: 11/01/2023 16:53:18

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)	5.0	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
CRYŞTALS/HPF	ABSENT	ABSENT
CAST/HPF	ABSENT	ABSENT
AMORPHOUS SEDIMENT	ABSENT	ABSENT
BACTERIAL FLORA	ABSENT	ABSENT
YEAST CELL	ABSENT	ABSENT
OTHER	ABSENT	

VIKARANTJI

Technologist

Page No: 12 of 16

DR.TANU RUNGTA

MD (Pathology) RMC No. 17226



♥ +91 141 4824885 € maxcarediagnostics1@gmail.com



NAME:	MR. NITESH CHAUHAN	AGE	31 YRS/M
REF.BY	BANK OF BARODA	DATE	11/01/2023

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.

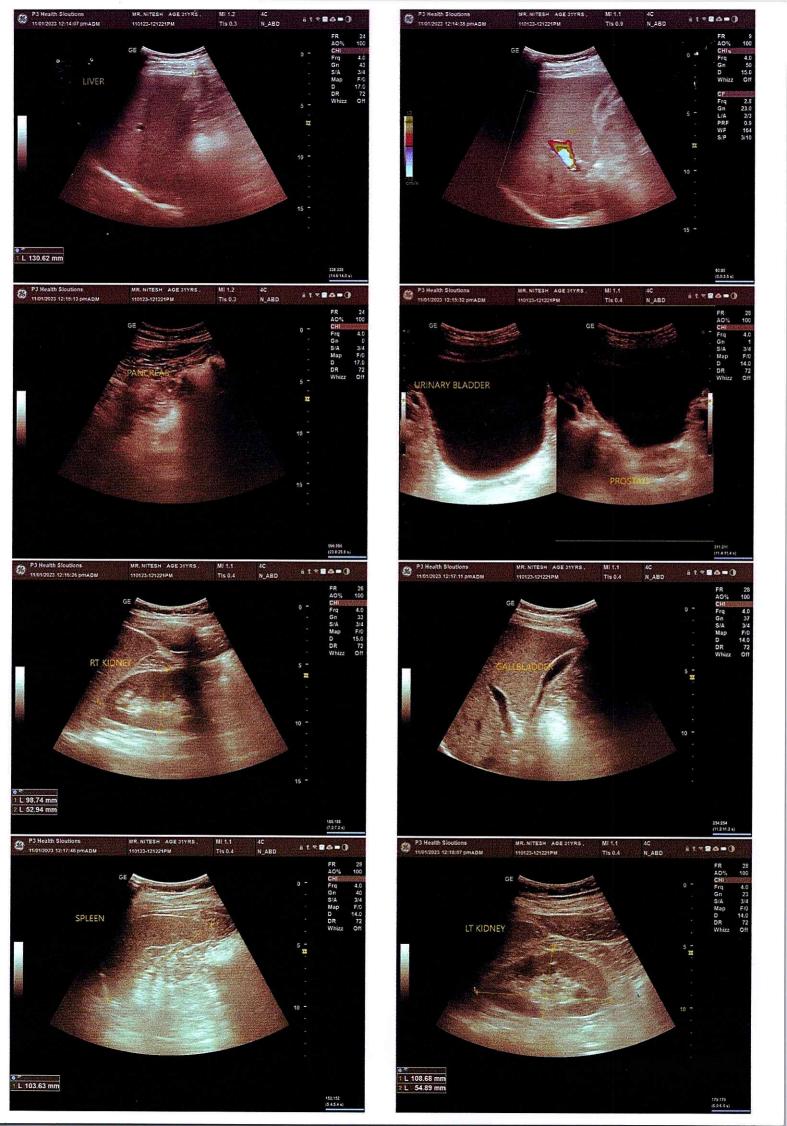
Soft tissue shadows appear normal.

IMPRESSION: No significant abnormality is detected.

Shallni

DR.SHALINI GOEL M.B.B.S, D.N.B (Radiodiagnosis)

RMC No.: 21954





⊕ +91 141 4824885 maxcarediagnostics1@gmail.com



MR. NITESH CHAUHAN	31 Y/Male
Registration Date: 11/01/2023	Ref. by: BANK OF BARODA

ULTRASOUND OF WHOLE ABDOMEN

Liver is of normal size (13.0 cm). 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 partially distended. 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 (10.3 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. 9.8 x 5.2 cm.

Left kidney is measuring approx. 10.8 x 5.4 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.

Shallui .

DR.SHALINI GOEL

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

RMC no.: 21954

Ref.: BANK OF BARODA 12229451322830/Mr nitesh Chauhan 31Yrs-07Months/Male P-QRS-T axis: Comments: Vent Rate: 83 bpm; PR Interval: 138 ms; QRS Duration: 80 ms; QT/QTc Int: 321/378 ms FINDINGS: Normal Sinus Rhythm avR Test Date: 11-Jan-2023(11:05:12) Notch: 50Hz 0.05Hz - 100Hz 10mm/mV 75 • 72 • 33 • (Deg) avF Kgs/ Cms 25mm/Sec mmHg 703 G3 HR: 83 bpm QRS Duration: 80 ms QT/QTc: 321/378ms P-QRS-T Axis: 75 - 72 - 33 (Deg) RMC No.: 35702 MBBS, DIP. CARDIO (ESCORTS) D.E.M. (RCGP-UK) Dr. Neresh Kulsap Mchanka

3 HEALIH SULU IIUNS LLK
3-14, Vidhyanagar Nagar, Enclave, Phase-2, Jaipur

BP:

PR Interval: 138 ms

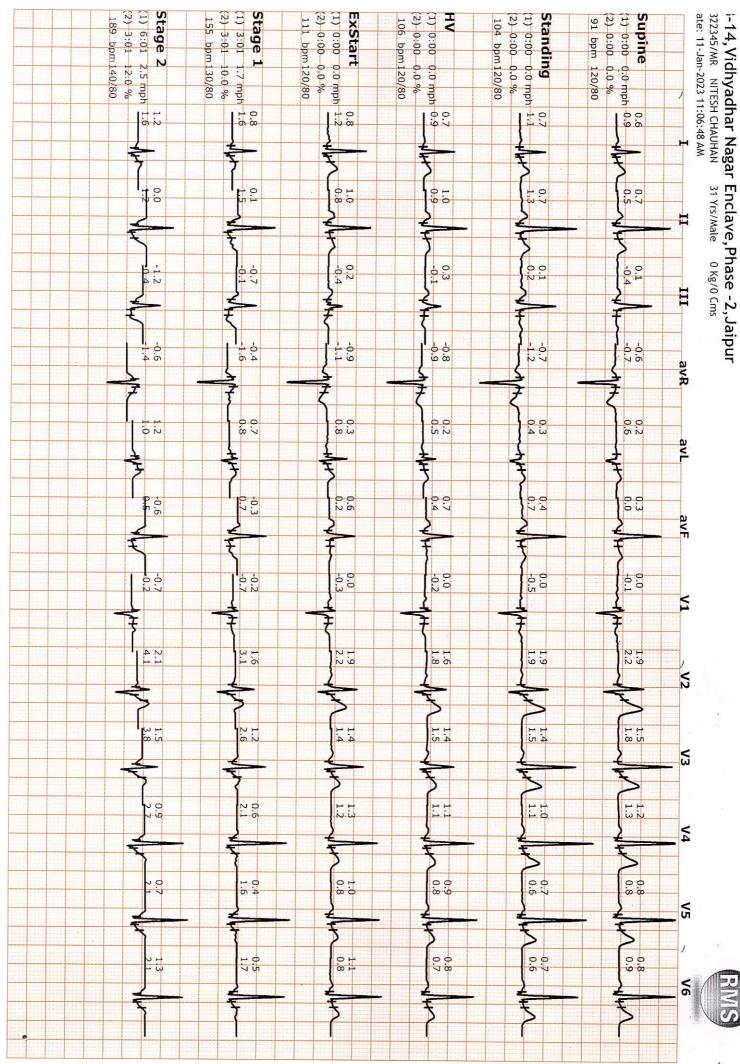
'S HEALIH SOLUTIONS LLP

1-14, Vidhyadhar Nagar Enclave, Phase -2, Jaipur 31 Yrs/Male 0 Kg/0 Cms

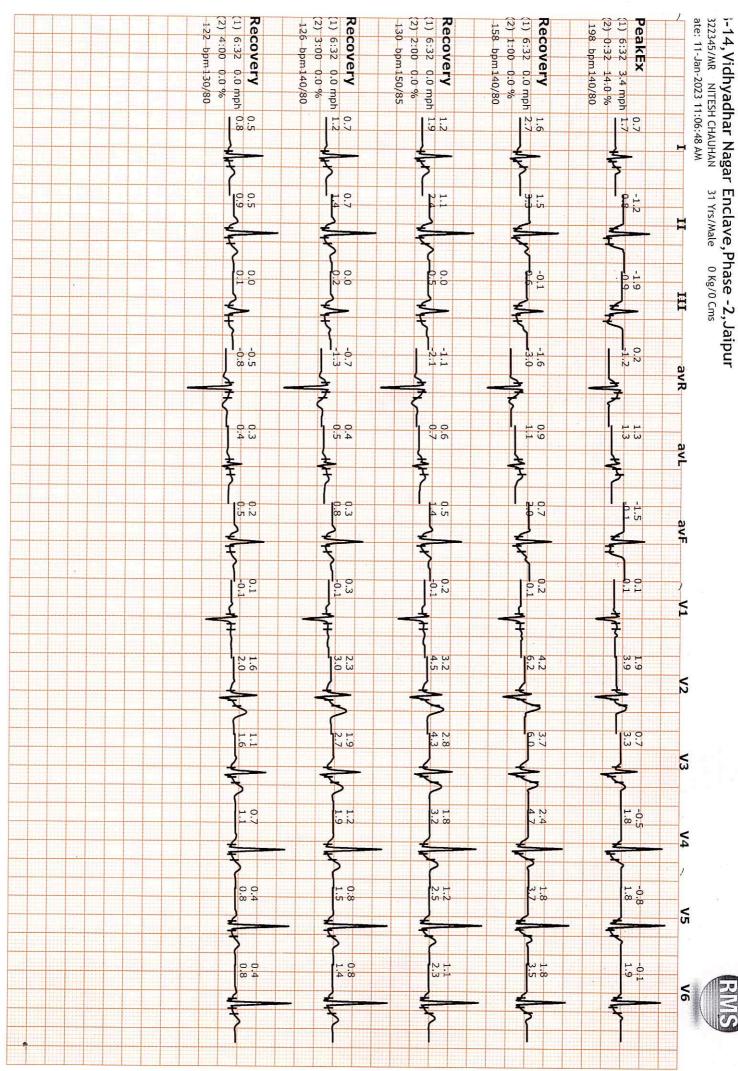
ate: 11-Jan-2023 11:06:48 AM ef.By : BANK OF BARODA 322345/MR NITESH CHAUHAN

'eakEx dvice/Comments: indings ecovery ecovery tage 2 tage tanding upine tage edication: ecovery ecovery xStart bjective: Max BP : 150/85(mmHg) Max HR Attained **Exercise Time** Max WorkLoad attained :7.7(Fair Effort Tolerance) StageTime PhaseTime Speed 4:00 3:00 2:00 3:01 0:32 3:01 1:00 マー 6:33 6:02 3:02 :06:32 Low softe box of 198 bpm 105% of Max Predictable HR 189 0.0 0.0 0.0 0.0 2.5 3.4 .7 Grade 12.0 0.0 14.0 10.0 0.0 0.0 0.0 1.0 1.0 7.7 7.1 1.0 1.2 1.0 1.0 1.0 **METs** 0 PXH 122 198 189 126 130 158 155 106 104 II.P. (bpm) 91 Protocol : BRUCE 150/85 140/80 130/80 120/80 120/80 120/80 130/80 140/80 120/80 History : 140/80 140/80 B. P. MBBS, DIP. CARDIO (ESCORTS)
D.E.M. (RCGP-UK) Dr. Naresh Kumar Mohanka R.P.P. 277 264 109 221 201 158 176 195 133 127 124 ×100 Corper PVC Comments 0.7 PeakEx PreEx 1.0 F avF avR avL ¥4 3 **Y**2 5 46 **V**5 = TIS S And MAN 0.5 mm/Div 5 9 15 18 21 Min





Average





Government of Indian



Issue Date: 19/03/2012



नितेश चौहान Nitesh Chauhan जन्म तिथि / DOB : 12/01/1992 पुरुष / Male



6130 9682 8266

मेरा आधार, मेरी पहचान



