



BMI CHART

Date: 21/3/23

Name: Mrs Sujata Munde Age: 24 yrs Sex: M/F

BP: 110/70. mty Height (cms): 148 cm Weight(kgs): 59.1 kg BMI: _____

plus - 82 blm

WEIGHT lbs	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185	190	195	200	205	210	215
kgs	45.5	47.7	50.5	52.3	54.5	56.8	59.1	61.4	63.6	65.9	68.2	70.5	72.7	75.0	77.3	79.5	81.8	84.1	86.4	88.6	90.9	93.2	95.5	97.7
HEIGHT in/cm	Underweight					Healthy					Overweight					Obese			Extremely Obese					
5'0" - 152.4	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
5'1" - 154.9	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	36	37	38	39	40
5'2" - 157.4	18	19	20	21	22	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	
5'3" - 160.0	17	18	19	20	21	22	23	24	24	25	26	27	28	29	30	31	32	32	33	34	35	36	37	38
5'4" - 162.5	17	18	18	19	20	21	22	23	24	24	25	26	27	28	29	30	31	31	32	33	34	35	36	37
5'5" - 165.1	16	17	18	19	20	20	21	22	23	24	25	25	26	27	28	29	30	30	31	32	33	34	35	35
5'6" - 167.6	16	17	17	18	19	20	21	21	22	23	24	25	25	26	27	28	29	29	30	31	32	33	34	34
5'7" - 170.1	15	16	17	18	18	19	20	21	22	22	23	24	25	25	26	27	28	29	29	30	31	32	33	33
5'8" - 172.7	15	16	16	17	18	19	19	20	21	22	22	23	24	25	25	26	27	28	28	29	30	31	32	32
5'9" - 176.2	14	15	16	17	17	18	19	20	20	21	22	22	23	24	25	25	26	27	28	28	29	30	31	31
5'10" - 177.8	14	15	15	16	17	18	18	19	20	20	21	22	23	23	24	25	25	26	27	28	28	29	30	30
5'11" - 180.3	14	14	15	16	16	17	18	18	19	20	21	21	22	23	23	24	25	25	26	27	28	28	29	30
6'0" - 182.8	13	14	14	15	16	17	18	19	19	20	21	21	22	23	23	24	25	25	26	27	27	28	29	
6'1" - 185.4	13	13	14	15	15	16	17	18	19	19	20	21	21	22	23	23	24	25	25	26	27	27	28	
6'2" - 187.9	12	13	14	14	15	16	16	17	18	18	19	19	20	21	21	22	23	23	24	25	25	26	27	27
6'3" - 190.5	12	13	13	14	15	15	16	16	17	18	18	19	20	20	21	21	22	23	23	24	25	25	26	26
6'4" - 193.0	12	12	13	14	14	15	15	16	17	17	18	18	19	20	20	21	22	22	23	23	24	25	25	26

Doctors Notes:



UHID	12364988	Date	21/03/2023		
Name	Mrs.Sujata Munde	Sex	Female	Age	29
OPD	Pap Smear	Health Check Up			

Drug allergy:
Sys illness:

S/B Dr. Hina

Wmf - 14 / 2 / 22.

Periods missed this month.

→ To do UPT Test; as patient
keen to keep the pregnancy

UPT -

Ade

Patel



UHID	12364988	Date	21/03/2023		
Name	Mrs.Sujata Munde	Sex	Female	Age	29
OPD	Opthal 14	Health Check Up			

Drug allergy: → Not known
 Sys illness: → No.

cls. No.

H/S NO

Unit K → R 6/6P
 → L 6/6P

R Ph → R Phn | - 0.50 X 90° 6/6
 → L Phn | - 0.50 X 90° 6/6

NV → R N6
 → L N6

JOP → R 12.8
 → L 12.4

All well



UHID	12364988	Date	21/03/2023		
Name	Mrs.Sujata Munde	Sex	Female	Age	29
OPD	Dental 12	Health Check Up			

Drug allergy:
 Sys illness:

Impacted & Carious $\begin{matrix} 8 & 8 \\ \hline 8 & 8 \end{matrix}$

Stains + Calculus +

Treatment

Adv surgical removal $\begin{matrix} 8 & 8 \\ \hline 8 & 8 \end{matrix}$

Adv OPG

Adv oral prophylaxis

↑

Dr. Disha Kake



MC-2275

PATIENT NAME : MRS.SUJATA MUNDE

REF. DOCTOR :

CODE/NAME & ADDRESS : C000045507 - FORTIS
FORTIS VASHI-CHC -SPLZD
FORTIS HOSPITAL # VASHI,
MUMBAI 440001

ACCESSION NO : 0022WC004183
PATIENT ID : FH.12364988
CLIENT PATIENT ID: UID:12364988
ABHA NO :

AGE/SEX : 29 Years Female
DRAWN : 21/03/2023 12:47:00
RECEIVED : 21/03/2023 12:48:27
REPORTED : 21/03/2023 13:40:20

CLINICAL INFORMATION :

UID:12364988 REQNO-1398961
CORP-OPD
BILLNO-150123OPCR016505
BILLNO-150123OPCR016505

Test Report Status	Final	Results	Biological Reference Interval	Units
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BIOCHEMISTRY

GLUCOSE, POST-PRANDIAL, PLASMA

PPBS(POST PRANDIAL BLOOD SUGAR)	108	70 - 139	mg/dL
METHOD : HEXOKINASE			

Interpretation(s)

GLUCOSE, POST-PRANDIAL, PLASMA-High fasting glucose level in comparison to post prandial glucose level may be seen due to effect of Oral Hypoglycaemics & Insulin treatment, Renal Glycosuria, Glycaemic index & response to food consumed, Alimentary Hypoglycemia, Increased insulin response & sensitivity etc. Additional test HbA1c

****End Of Report****

Please visit www.srlworld.com for related Test Information for this accession

Dr.Akta Dubey
Consultant Pathologist



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NAVI MUMBAI, 400703
MAHARASHTRA, INDIA
Tel : 022-39199222,022-49723322,
CIN - U74899PB1995PLC045956
Email : -



Patient Ref. No. 22000000835716



PATIENT NAME : MRS.SUJATA MUNDE		REF. DOCTOR : SELF	
CODE/NAME & ADDRESS : C000045507 - FORTIS FORTIS VASHI-CHC -SPLZD FORTIS HOSPITAL # VASHI, MUMBAI 440001	ACCESSION NO : 0022WC004133 PATIENT ID : FH.12364988 CLIENT PATIENT ID: UID:12364988 ABHA NO :	AGE/SEX : 29 Years Female DRAWN : 21/03/2023 09:49:00 RECEIVED : 21/03/2023 09:49:58 REPORTED : 21/03/2023 17:00:49	

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SPECIALISED CHEMISTRY - HORMONE

THYROID PANEL, SERUM

T3	111.40	Non-Pregnant Women 80.0 - 200.0 Pregnant Women 1st Trimester:105.0 - 230.0 2nd Trimester:129.0 - 262.0 3rd Trimester:135.0 - 262.0	ng/dL
<small>METHOD : ELECTROCHEMILUMINESCENCE, COMPETITIVE IMMUNOASSAY</small>			
T4	7.80	Non-Pregnant Women 5.10 - 14.10 Pregnant Women 1st Trimester: 7.33 - 14.80 2nd Trimester: 7.93 - 16.10 3rd Trimester: 6.95 - 15.70	µg/dL
<small>METHOD : ELECTROCHEMILUMINESCENCE, COMPETITIVE IMMUNOASSAY</small>			
TSH (ULTRASENSITIVE)	5.350 High	0.270 - 4.200	µIU/mL
<small>METHOD : ELECTROCHEMILUMINESCENCE, COMPETITIVE IMMUNOASSAY</small>			

Comments

NOTE: PLEASE CORRELATE VALUES OF THYROID FUNCTION TEST WITH THE CLINICAL & TREATMENT HISTORY OF THE PATIENT.

Interpretation(s)

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HAEMATOLOGY - CBC

CBC-5, EDTA WHOLE BLOOD

BLOOD COUNTS, EDTA WHOLE BLOOD

HEMOGLOBIN (HB)	12.5	12.0 - 15.0	g/dL
METHOD : SPECTROPHOTOMETRY			
RED BLOOD CELL (RBC) COUNT	4.17	3.8 - 4.8	mil/ μ L
METHOD : ELECTRICAL IMPEDANCE			
WHITE BLOOD CELL (WBC) COUNT	6.22	4.0 - 10.0	thou/ μ L
METHOD : DOUBLE HYDRODYNAMIC SEQUENTIAL SYSTEM(DHSS)CYTOMETRY			
PLATELET COUNT	259	150 - 410	thou/ μ L
METHOD : ELECTRICAL IMPEDANCE			

RBC AND PLATELET INDICES

HEMATOCRIT (PCV)	36.3	36 - 46	%
METHOD : CALCULATED PARAMETER			
MEAN CORPUSCULAR VOLUME (MCV)	87.1	83 - 101	fL
METHOD : CALCULATED PARAMETER			
MEAN CORPUSCULAR HEMOGLOBIN (MCH)	30.0	27.0 - 32.0	pg
METHOD : CALCULATED PARAMETER			
MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATION(MCHC)	34.4	31.5 - 34.5	g/dL
METHOD : CALCULATED PARAMETER			
RED CELL DISTRIBUTION WIDTH (RDW)	17.3 High	11.6 - 14.0	%
METHOD : CALCULATED PARAMETER			
MENTZER INDEX	20.9		
MEAN PLATELET VOLUME (MPV)	10.0	6.8 - 10.9	fL
METHOD : CALCULATED PARAMETER			

WBC DIFFERENTIAL COUNT

NEUTROPHILS	56	40 - 80	%
METHOD : FLOWCYTOMETRY			
LYMPHOCYTES	33	20 - 40	%
METHOD : FLOWCYTOMETRY			

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MC-2275



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MONOCYTES		6	2 - 10	%
METHOD : FLOWCYTOMETRY				
EOSINOPHILS		5	1 - 6	%
METHOD : FLOWCYTOMETRY				
BASOPHILS		0	0 - 2	%
METHOD : FLOWCYTOMETRY				
ABSOLUTE NEUTROPHIL COUNT		3.48	2.0 - 7.0	thou/ μ L
METHOD : CALCULATED PARAMETER				
ABSOLUTE LYMPHOCYTE COUNT		2.05	1.0 - 3.0	thou/ μ L
METHOD : CALCULATED PARAMETER				
ABSOLUTE MONOCYTE COUNT		0.37	0.2 - 1.0	thou/ μ L
METHOD : CALCULATED PARAMETER				
ABSOLUTE EOSINOPHIL COUNT		0.31	0.02 - 0.50	thou/ μ L
METHOD : CALCULATED PARAMETER				
ABSOLUTE BASOPHIL COUNT		0 Low	0.02 - 0.10	thou/ μ L
METHOD : CALCULATED PARAMETER				
NEUTROPHIL LYMPHOCYTE RATIO (NLR)		1.7		
METHOD : CALCULATED PARAMETER				
MORPHOLOGY				
RBC		PREDOMINANTLY NORMOCYTIC NORMOCHROMIC, MILD ANISOCYTOSIS		
METHOD : MICROSCOPIC EXAMINATION				
WBC		NORMAL MORPHOLOGY		
METHOD : MICROSCOPIC EXAMINATION				
PLATELETS		ADEQUATE		
METHOD : MICROSCOPIC EXAMINATION				

Interpretation(s)

RBC AND PLATELET INDICES-Mentzer index (MCV/RBC) is an automated cell-counter based calculated screen tool to differentiate cases of Iron deficiency anaemia(>13) from Beta thalassaemia trait (<13) in patients with microcytic anaemia. This needs to be interpreted in line with clinical correlation and suspicion. Estimation of HbA2 remains the gold standard for diagnosing a case of beta thalassaemia trait.

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Email : -



Patient Ref. No. 2200000835666



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FORTIS VASHI-CHC -SPLZD
FORTIS HOSPITAL # VASHI,
MUMBAI 440001

ACCESSION NO : **0022WC004133**
PATIENT ID : FH.12364988
CLIENT PATIENT ID: UID:12364988
ABHA NO :

AGE/SEX : 29 Years Female
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WBC DIFFERENTIAL COUNT-The optimal threshold of 3.3 for NLR showed a prognostic possibility of clinical symptoms to change from mild to severe in COVID positive patients. When age = 49.5 years old and NLR = 3.3, 46.1% COVID-19 patients with mild disease might become severe. By contrast, when age < 49.5 years old and NLR < 3.3, COVID-19 patients tend to show mild disease.
(Reference to - The diagnostic and predictive role of NLR, d-NLR and PLR in COVID-19 patients ; A.-P. Yang, et al.; International Immunopharmacology 84 (2020) 106504
This ratio element is a calculated parameter and out of NABL scope.

Dubey

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HAEMATOLOGY

ERYTHROCYTE SEDIMENTATION RATE (ESR),WHOLE BLOOD

E.S.R	10	0 - 20	mm at 1 hr
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METHOD : WESTERGREN METHOD

Interpretation(s)

ERYTHROCYTE SEDIMENTATION RATE (ESR),WHOLE BLOOD-TEST DESCRIPTION :-

Erythrocyte sedimentation rate (ESR) is a test that indirectly measures the degree of inflammation present in the body. The test actually measures the rate of fall (sedimentation) of erythrocytes in a sample of blood that has been placed into a tall, thin, vertical tube. Results are reported as the millimetres of clear fluid (plasma) that are present at the top portion of the tube after one hour. Nowadays fully automated instruments are available to measure ESR.

ESR is not diagnostic; It is a non-specific test that may be elevated in a number of different conditions. It provides general information about the presence of an inflammatory condition.CRP is superior to ESR because it is more sensitive and reflects a more rapid change.

TEST INTERPRETATION

Increase In: Infections, Vasculitides, Inflammatory arthritis, Renal disease, Anemia, Malignancies and plasma cell dyscrasias, Acute allergy Tissue injury, Pregnancy, Estrogen medication, Aging.

Finding a very accelerated ESR(>100 mm/hour) in patients with ill-defined symptoms directs the physician to search for a systemic disease (Paraproteinemias, Disseminated malignancies, connective tissue disease, severe infections such as bacterial endocarditis).

In pregnancy BRI in first trimester is 0-45 mm/hr(62 if anemic) and in second trimester (0-70 mm /hr(95 if anemic). ESR returns to normal 4th week post partum.

Decreased In: Polycythemia vera, Sickle cell anemia

LIMITATIONS

False elevated ESR : Increased fibrinogen, Drugs(Vitamin A, Dextran etc), Hypercholesterolemia

False Decreased : Polikilocytosis,(SickleCells,spherocytes),Microcytosis, Low fibrinogen, Very high WBC counts, Drugs(Quinine, salicylates)

REFERENCE :

1. Nathan and Oski's Haematology of Infancy and Childhood, 5th edition,2. Paediatric reference intervals. AACCC Press, 7th edition. Edited by S. Soldin;3. The reference for the adult reference range is "Practical Haematology by Dacie and Lewis,10th edition.



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 Counsultant Pathologist



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AGE/SEX : 29 Years Female
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IMMUNOHAEMATOLOGY

ABO GROUP & RH TYPE, EDTA WHOLE BLOOD

ABO GROUP TYPE A
 METHOD : TUBE AGGLUTINATION
 RH TYPE POSITIVE
 METHOD : TUBE AGGLUTINATION

Interpretation(s)

ABO GROUP & RH TYPE, EDTA WHOLE BLOOD-
 Blood group is identified by antigens and antibodies present in the blood. Antigens are protein molecules found on the surface of red blood cells. Antibodies are found in plasma. To determine blood group, red cells are mixed with different antibody solutions to give A,B,O or AB.

Disclaimer: "Please note, as the results of previous ABO and Rh group (Blood Group) for pregnant women are not available, please check with the patient records for availability of the same."

The test is performed by both forward as well as reverse grouping methods.

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 Counsultant Pathologist



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BIOCHEMISTRY

LIVER FUNCTION PROFILE, SERUM

BILIRUBIN, TOTAL METHOD : JENDRASSIK AND GROFF	0.41	0.2 - 1.0	mg/dL
BILIRUBIN, DIRECT METHOD : JENDRASSIK AND GROFF	0.08	0.0 - 0.2	mg/dL
BILIRUBIN, INDIRECT METHOD : CALCULATED PARAMETER	0.33	0.1 - 1.0	mg/dL
TOTAL PROTEIN METHOD : BIURET	7.3	6.4 - 8.2	g/dL
ALBUMIN METHOD : BCP DYE BINDING	3.9	3.4 - 5.0	g/dL
GLOBULIN METHOD : CALCULATED PARAMETER	3.4	2.0 - 4.1	g/dL
ALBUMIN/GLOBULIN RATIO METHOD : CALCULATED PARAMETER	1.2	1.0 - 2.1	RATIO
ASPARTATE AMINOTRANSFERASE (AST/SGOT) METHOD : UV WITH PSP	15	15 - 37	U/L
ALANINE AMINOTRANSFERASE (ALT/SGPT) METHOD : UV WITH PSP	15	< 34.0	U/L
ALKALINE PHOSPHATASE METHOD : PNP-ANP	98	30 - 120	U/L
GAMMA GLUTAMYL TRANSFERASE (GGT) METHOD : GAMMA GLUTAMYL CARBOXY 4-NITROANILIDE	21	5 - 55	U/L
LACTATE DEHYDROGENASE METHOD : LACTATE -PYRUVATE	110	100 - 190	U/L

GLUCOSE FASTING, FLUORIDE PLASMA

FBS (FASTING BLOOD SUGAR) METHOD : HEXOKINASE	87	74 - 99	mg/dL
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KIDNEY PANEL - 1



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 CORP-OPD
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 BILLNO-150123OPCR016505

Test Report Status	Final	Results	Biological Reference Interval	Units
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BLOOD UREA NITROGEN (BUN), SERUM

BLOOD UREA NITROGEN 7 6 - 20 mg/dL
 METHOD : UREASE - UV

CREATININE EGFR- EPI

CREATININE 0.70 0.60 - 1.10 mg/dL
 METHOD : ALKALINE PICRATE KINETIC JAFFES

AGE 29 years

GLOMERULAR FILTRATION RATE (FEMALE) 119.99 Refer Interpretation Below mL/min/1.73m2
 METHOD : CALCULATED PARAMETER.

BUN/CREAT RATIO

BUN/CREAT RATIO 10.00 5.00 - 15.00
 METHOD : CALCULATED PARAMETER.

URIC ACID, SERUM

URIC ACID 3.5 2.6 - 6.0 mg/dL
 METHOD : URICASE UV

TOTAL PROTEIN, SERUM

TOTAL PROTEIN 7.3 6.4 - 8.2 g/dL
 METHOD : BIURET

ALBUMIN, SERUM

ALBUMIN 3.9 3.4 - 5.0 g/dL
 METHOD : BCP DYE BINDING

GLOBULIN


GLOBULIN 3.4 2.0 - 4.1 g/dL
 METHOD : CALCULATED PARAMETER

ELECTROLYTES (NA/K/CL), SERUM

SODIUM, SERUM 139 136 - 145 mmol/L
 METHOD : ISE INDIRECT

POTASSIUM, SERUM **5.11 High** 3.50 - 5.10 mmol/L
 METHOD : ISE INDIRECT

CHLORIDE, SERUM 105 98 - 107 mmol/L
 METHOD : ISE INDIRECT


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 Consultant Pathologist



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 Tel : 022-39199222,022-49723322,
 CIN - U74899PB1995PLC045956
 Email : -



Patient Ref. No. 22000000835666

PATIENT NAME : MRS.SUJATA MUNDE		REF. DOCTOR : SELF	
CODE/NAME & ADDRESS : C000045507 - FORTIS		ACCESSION NO : 0022WC004133	AGE/SEX : 29 Years Female
FORTIS VASHI-CHC -SPLZD		PATIENT ID : FH.12364988	DRAWN : 21/03/2023 09:49:00
FORTIS HOSPITAL # VASHI,		CLIENT PATIENT ID: UID:12364988	RECEIVED : 21/03/2023 09:49:58
MUMBAI 440001		ABHA NO :	REPORTED : 21/03/2023 12:08:03

CLINICAL INFORMATION :

UID:12364988 REQNO-1398961
 CORP-OPD
 BILLNO-150123OPCR016505
 BILLNO-150123OPCR016505

Test Report Status	Final	Results	Biological Reference Interval	Units
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Interpretation(s)

Interpretation(s)

LIVER FUNCTION PROFILE, SERUM-LIVER FUNCTION PROFILE

Bilirubin is a yellowish pigment found in bile and is a breakdown product of normal heme catabolism. Bilirubin is excreted in bile and urine, and elevated levels may give yellow discoloration in jaundice. Elevated levels result from increased bilirubin production (eg, hemolysis and ineffective erythropoiesis), decreased bilirubin excretion (eg, obstruction and hepatitis), and abnormal bilirubin metabolism (eg, hereditary and neonatal jaundice). Conjugated (direct) bilirubin is elevated more than unconjugated (indirect) bilirubin in Viral hepatitis, Drug reactions, Alcoholic liver disease. Conjugated (direct) bilirubin is also elevated more than unconjugated (indirect) bilirubin when there is some kind of blockage of the bile ducts like in Gallstones getting into the bile ducts, tumors & Scarring of the bile ducts. Increased unconjugated (indirect) bilirubin may be a result of Hemolytic or pernicious anemia, Transfusion reaction & a common metabolic condition termed Gilbert syndrome, due to low levels of the enzyme that attaches sugar molecules to bilirubin.

AST is an enzyme found in various parts of the body. AST is found in the liver, heart, skeletal muscle, kidneys, brain, and red blood cells, and it is commonly measured clinically as a marker for liver health. AST levels increase during chronic viral hepatitis, blockage of the bile duct, cirrhosis of the liver, liver cancer, kidney failure, hemolytic anemia, pancreatitis, hemochromatosis. AST levels may also increase after a heart attack or strenuous activity. ALT test measures the amount of this enzyme in the blood. ALT is found mainly in the liver, but also in smaller amounts in the kidneys, heart, muscles, and pancreas. It is commonly measured as a part of a diagnostic evaluation of hepatocellular injury, to determine liver health. AST levels increase during acute hepatitis, sometimes due to a viral infection, ischemia to the liver, chronic hepatitis, obstruction of bile ducts, cirrhosis.

ALP is a protein found in almost all body tissues. Tissues with higher amounts of ALP include the liver, bile ducts and bone. Elevated ALP levels are seen in Biliary obstruction, Osteoblastic bone tumors, osteomalacia, hepatitis, Hyperparathyroidism, Leukemia, Lymphoma, Paget's disease, Rickets, Sarcoidosis etc. Lower-than-normal ALP levels seen in Hypophosphatasia, Malnutrition, Protein deficiency, Wilson's disease. GGT is an enzyme found in cell membranes of many tissues mainly in the liver, kidney and pancreas. It is also found in other tissues including intestine, spleen, heart, brain and seminal vesicles. The highest concentration is in the kidney, but the liver is considered the source of normal enzyme activity. Serum GGT has been widely used as an index of liver dysfunction. Elevated serum GGT activity can be found in diseases of the liver, biliary system and pancreas. Conditions that increase serum GGT are obstructive liver disease, high alcohol consumption and use of enzyme-inducing drugs etc. Serum total protein, also known as total protein, is a biochemical test for measuring the total amount of protein in serum. Protein in the plasma is made up of albumin and globulin. Higher-than-normal levels may be due to: Chronic inflammation or infection, including HIV and hepatitis B or C, Multiple myeloma, Waldenstrom's disease. Lower-than-normal levels may be due to: Agammaglobulinemia, Bleeding (hemorrhage), Burns, Glomerulonephritis, Liver disease, Malabsorption, Malnutrition, Nephrotic syndrome, Protein-losing enteropathy etc. Human serum albumin is the most abundant protein in human blood plasma. It is produced in the liver. Albumin constitutes about half of the blood serum protein. Low blood albumin levels (hypoalbuminemia) can be caused by: Liver disease like cirrhosis of the liver, nephrotic syndrome, protein-losing enteropathy, Burns, hemodilution, increased vascular permeability or decreased lymphatic clearance, malnutrition and wasting etc.

GLUCOSE FASTING, FLUORIDE PLASMA-TEST DESCRIPTION

Normally, the glucose concentration in extracellular fluid is closely regulated so that a source of energy is readily available to tissues and so that no glucose is excreted in the urine.

Increased in

Diabetes mellitus, Cushing's syndrome (10 - 15%), chronic pancreatitis (30%). Drugs: corticosteroids, phenytoin, estrogen, thiazides.

Decreased in

Pancreatic islet cell disease with increased insulin, insulinoma, adrenocortical insufficiency, hypopituitarism, diffuse liver disease, malignancy (adrenocortical, stomach, fibrosarcoma), infant of a diabetic mother, enzyme deficiency diseases (e.g., galactosemia), Drugs- insulin, ethanol, propranolol; sulfonylureas, tolbutamide, and other oral hypoglycemic agents.

NOTE: While random serum glucose levels correlate with home glucose monitoring results (weekly mean capillary glucose values), there is wide fluctuation within individuals. Thus, glycosylated hemoglobin (HbA1c) levels are favored to monitor glycemic control.

High fasting glucose level in comparison to post prandial glucose level may be seen due to effect of Oral Hypoglycaemics & Insulin treatment, Renal Glycosuria, Glycaemic index & response to food consumed, Alimentary Hypoglycemia, Increased insulin response & sensitivity etc.

BLOOD UREA NITROGEN (BUN), SERUM- Causes of Increased levels include Pre renal (High protein diet, Increased protein catabolism, GI haemorrhage, Cortisol, Dehydration, CHF Renal), Renal Failure, Post Renal (Malignancy, Nephrolithiasis, Prostatism)

Causes of decreased level include Liver disease, SIADH.

CREATININE EGFR- EPI-GFR- Glomerular filtration rate (GFR) is a measure of the function of the kidneys. The GFR is a calculation based on a serum creatinine test.

Creatinine is a muscle waste product that is filtered from the blood by the kidneys and excreted into urine at a relatively steady rate. When kidney function decreases, less

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 CIN - U74899PB1995PLC045956
 Email : -



Patient Ref. No. 2200000835666



MC-2275

PATIENT NAME : MRS.SUJATA MUNDE

REF. DOCTOR : SELF

CODE/NAME & ADDRESS : C000045507 - FORTIS
 FORTIS VASHI-CHC -SPLZD
 FORTIS HOSPITAL # VASHI,
 MUMBAI 440001

ACCESSION NO : 0022WC004133
 PATIENT ID : FH.12364988
 CLIENT PATIENT ID: UID:12364988
 ABHA NO :

AGE/SEX : 29 Years Female
 DRAWN : 21/03/2023 09:49:00
 RECEIVED : 21/03/2023 09:49:58
 REPORTED : 21/03/2023 12:08:03

CLINICAL INFORMATION :

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 CORP-OPD
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Creatinine is excreted and concentrations increase in the blood. With the creatinine test, a reasonable estimate of the actual GFR can be determined.
 A GFR of 60 or higher is in the normal range.
 A GFR below 60 may mean kidney disease.
 A GFR of 15 or lower may mean kidney failure.
 Estimated GFR (eGFR) is the preferred method for identifying people with chronic kidney disease (CKD). In adults, eGFR calculated using the Modification of Diet in Renal Disease (MDRD) Study equation provides a more clinically useful measure of kidney function than serum creatinine alone.
 The CKD-EPI creatinine equation is based on the same four variables as the MDRD Study equation, but uses a 2-slope spline to model the relationship between estimated GFR and serum creatinine, and a different relationship for age, sex and race. The equation was reported to perform better and with less bias than the MDRD Study equation, especially in patients with higher GFR. This results in reduced misclassification of CKD.
 The CKD-EPI creatinine equation has not been validated in children & will only be reported for patients = 18 years of age. For pediatric and childrens, Schwartz Pediatric Bedside eGFR (2009) formulae is used. This revised "bedside" pediatric eGFR requires only serum creatinine and height.
 URIC ACID, SERUM-Causes of Increased levels:-Dietary(High Protein Intake,Prolonged Fasting,Rapid weight loss),Gout,Lesch nyhan syndrome,Type 2 DM,Metabolic syndrome
Causes of decreased levels-Low Zinc intake,OCP,Multiple Sclerosis
 TOTAL PROTEIN, SERUM-Serum total protein,also known as total protein, is a biochemical test for measuring the total amount of protein in serum. Protein in the plasma is made up of albumin and globulin
 Higher-than-normal levels may be due to: Chronic inflammation or infection, including HIV and hepatitis B or C, Multiple myeloma, Waldenstrom's disease
 Lower-than-normal levels may be due to: Agammaglobulinemia, Bleeding (hemorrhage), Burns,Glomerulonephritis, Liver disease, Malabsorption, Malnutrition, Nephrotic syndrome,Protein-losing enteropathy etc.
 ALBUMIN, SERUM-Human serum albumin is the most abundant protein in human blood plasma. It is produced in the liver. Albumin constitutes about half of the blood serum protein. Low blood albumin levels (hypoalbuminemia) can be caused by: Liver disease like cirrhosis of the liver, nephrotic syndrome, protein-losing enteropathy, Burns, hemodilution, increased vascular permeability or decreased lymphatic clearance,malnutrition and wasting etc.

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Patient Ref. No. 2200000835666

PATIENT NAME : MRS.SUJATA MUNDE

REF. DOCTOR : SELF

CODE/NAME & ADDRESS : C000045507 - FORTIS
 FORTIS VASHI-CHC -SPLZD
 FORTIS HOSPITAL # VASHI,
 MUMBAI 440001

ACCESSION NO : **0022WC004133**
 PATIENT ID : FH.12364988
 CLIENT PATIENT ID: UID:12364988
 ABHA NO :

AGE/SEX :29 Years Female
 DRAWN :21/03/2023 09:49:00
 RECEIVED :21/03/2023 09:49:58
 REPORTED :21/03/2023 12:08:03

CLINICAL INFORMATION :

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Test Report Status	Final	Results	Biological Reference Interval	Units
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BIOCHEMISTRY - LIPID

LIPID PROFILE, SERUM

CHOLESTEROL, TOTAL	205 High	< 200 Desirable 200 - 239 Borderline High >/= 240 High	mg/dL
METHOD : ENZYMATIC/COLORIMETRIC,CHOLESTEROL OXIDASE, ESTERASE, PEROXIDASE			
TRIGLYCERIDES	106	< 150 Normal 150 - 199 Borderline High 200 - 499 High >/= 500 Very High	mg/dL
METHOD : ENZYMATIC ASSAY			
HDL CHOLESTEROL	39 Low	< 40 Low >/=60 High	mg/dL
METHOD : DIRECT MEASURE - PEG			
LDL CHOLESTEROL, DIRECT	142 High	< 100 Optimal 100 - 129 Near or above optimal 130 - 159 Borderline High 160 - 189 High >/= 190 Very High	mg/dL
METHOD : DIRECT MEASURE WITHOUT SAMPLE PRETREATMENT			
NON HDL CHOLESTEROL	166 High	Desirable: Less than 130 Above Desirable: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very high: > or = 220	mg/dL
METHOD : CALCULATED PARAMETER			
VERY LOW DENSITY LIPOPROTEIN	21.2	</= 30.0	mg/dL
METHOD : CALCULATED PARAMETER			
CHOL/HDL RATIO	5.3 High	3.3 - 4.4 Low Risk 4.5 - 7.0 Average Risk 7.1 - 11.0 Moderate Risk > 11.0 High Risk	
METHOD : CALCULATED PARAMETER			
LDL/HDL RATIO	3.6 High	0.5 - 3.0 Desirable/Low Risk 3.1 - 6.0 Borderline/Moderate Risk >6.0 High Risk	
METHOD : CALCULATED PARAMETER			



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Patient Ref. No. 2200000835666



MC-2275



PATIENT NAME : MRS.SUJATA MUNDE

REF. DOCTOR : SELF

CODE/NAME & ADDRESS : C000045507 - FORTIS
FORTIS VASHI-CHC -SPLZD
FORTIS HOSPITAL # VASHI,
MUMBAI 440001

ACCESSION NO : **0022WC004133**
PATIENT ID : FH.12364988
CLIENT PATIENT ID: UID:12364988
ABHA NO :

AGE/SEX : 29 Years Female
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Interpretation(s)

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CIN - U74009PB1995PLC045956
Email : -



Patient Ref. No. 2200000835666

PATIENT NAME : MRS.SUJATA MUNDE		REF. DOCTOR : SELF	
CODE/NAME & ADDRESS : C000045507 - FORTIS	ACCESSION NO : 0022WC004133	AGE/SEX : 29 Years Female	
FORTIS VASHI-CHC -SPLZD	PATIENT ID : FH.12364988	DRAWN : 21/03/2023 09:49:00	
FORTIS HOSPITAL # VASHI,	CLIENT PATIENT ID: UID:12364988	RECEIVED : 21/03/2023 09:49:58	
MUMBAI 440001	ABHA NO :	REPORTED : 21/03/2023 12:08:03	

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CLINICAL PATH - URINALYSIS

KIDNEY PANEL - 1

PHYSICAL EXAMINATION, URINE

COLOR PALE YELLOW
METHOD : PHYSICAL

APPEARANCE SLIGHTLY HAZY
METHOD : VISUAL

CHEMICAL EXAMINATION, URINE

PH 6.0 4.7 - 7.5
METHOD : REFLECTANCE SPECTROPHOTOMETRY- DOUBLE INDICATOR METHOD

SPECIFIC GRAVITY 1.020 1.003 - 1.035
METHOD : REFLECTANCE SPECTROPHOTOMETRY (APPARENT PKA CHANGE OF PRETREATED POLYELECTROLYTES IN RELATION TO IONIC CONCENTRATION)

PROTEIN NOT DETECTED NOT DETECTED
METHOD : REFLECTANCE SPECTROPHOTOMETRY - PROTEIN-ERROR-OF-INDICATOR PRINCIPLE

GLUCOSE NOT DETECTED NOT DETECTED
METHOD : REFLECTANCE SPECTROPHOTOMETRY, DOUBLE SEQUENTIAL ENZYME REACTION-GOD/POD

KETONES NOT DETECTED NOT DETECTED
METHOD : REFLECTANCE SPECTROPHOTOMETRY, ROTHERA'S PRINCIPLE

BLOOD NOT DETECTED NOT DETECTED
METHOD : REFLECTANCE SPECTROPHOTOMETRY, PEROXIDASE LIKE ACTIVITY OF HAEMOGLOBIN

BILIRUBIN NOT DETECTED NOT DETECTED
METHOD : REFLECTANCE SPECTROPHOTOMETRY, DIAZOTIZATION- COUPLING OF BILIRUBIN WITH DIAZOTIZED SALT

UROBILINOGEN NORMAL NORMAL
METHOD : REFLECTANCE SPECTROPHOTOMETRY (MODIFIED EHRlich REACTION)

NITRITE NOT DETECTED NOT DETECTED
METHOD : REFLECTANCE SPECTROPHOTOMETRY, CONVERSION OF NITRATE TO NITRITE

LEUKOCYTE ESTERASE DETECTED (+) NOT DETECTED
METHOD : REFLECTANCE SPECTROPHOTOMETRY, ESTERASE HYDROLYSIS ACTIVITY

MICROSCOPIC EXAMINATION, URINE

RED BLOOD CELLS NOT DETECTED NOT DETECTED /HPF
METHOD : MICROSCOPIC EXAMINATION

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Rekha.N
Dr. Rekha Nair, MD
Microbiologist



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Patient Ref. No. 2200000835666



MC-2275



PATIENT NAME : MRS.SUJATA MUNDE		REF. DOCTOR : SELF	
CODE/NAME & ADDRESS : C000045507 - FORTIS FORTIS VASHI-CHC -SPLZD FORTIS HOSPITAL # VASHI, MUMBAI 440001	ACCESSION NO : 0022WC004133	AGE/SEX : 29 Years Female	DRAWN : 21/03/2023 09:49:00
	PATIENT ID : FH.12364988	RECEIVED : 21/03/2023 09:49:58	REPORTED : 21/03/2023 12:08:03
	CLIENT PATIENT ID: UID:12364988		
	ABHA NO :		

CLINICAL INFORMATION :

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CORP-OPD
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Test Report Status	Final	Results	Biological Reference Interval	Units
PUS CELL (WBC'S)		8-10	0-5	/HPF
METHOD : MICROSCOPIC EXAMINATION				
EPITHELIAL CELLS		10-15	0-5	/HPF
METHOD : MICROSCOPIC EXAMINATION				
CASTS		NOT DETECTED		
METHOD : MICROSCOPIC EXAMINATION				
CRYSTALS		NOT DETECTED		
METHOD : MICROSCOPIC EXAMINATION				
BACTERIA		DETECTED	NOT DETECTED	
METHOD : MICROSCOPIC EXAMINATION				
YEAST		DETECTED (OCCASIONAL)	NOT DETECTED	
METHOD : MICROSCOPIC EXAMINATION				
REMARKS		URINARY MICROSCOPIC EXAMINATION DONE ON URINARY CENTRIFUGED SEDIMENT		
Interpretation(s)				

****End Of Report****

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Consultant Pathologist

Dr. Rekha Nair, MD
Microbiologist



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Patient Ref. No. 22000000835666



PATIENT NAME : MRS.SUJATA MUNDE		REF. DOCTOR :	
CODE/NAME & ADDRESS : C000045507 - FORTIS		ACCESSION NO : 0022WC004134	AGE/SEX : 29 Years Female
FORTIS VASHI-CHC -SPLZD		PATIENT ID : FH.12364988	DRAWN : 21/03/2023 09:50:00
FORTIS HOSPITAL # VASHI,		CLIENT PATIENT ID: UID:12364988	RECEIVED : 21/03/2023 09:50:27
MUMBAI 440001		ABHA NO :	REPORTED : 21/03/2023 13:28:34

CLINICAL INFORMATION :
 UTD:12364988 REQNO-1398961
 CORP-OPD
 BILLNO-150123OPCR016505
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Test Report Status	Final	Results	Biological Reference Interval	Units
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BIOCHEMISTRY

GLYCOSYLATED HEMOGLOBIN(HBA1C), EDTA WHOLE BLOOD

HBA1C	5.2	Non-diabetic: < 5.7 Pre-diabetics: 5.7 - 6.4 Diabetics: > or = 6.5 Therapeutic goals: < 7.0 Action suggested : > 8.0 (ADA Guideline 2021)	%
METHOD : HB VARIANT (HPLC)			
ESTIMATED AVERAGE GLUCOSE(EAG)	102.5	< 116.0	mg/dL
METHOD : CALCULATED PARAMETER			

Interpretation(s)

GLYCOSYLATED HEMOGLOBIN(HBA1C), EDTA WHOLE BLOOD-Used For:

- 1.Evaluating the long-term control of blood glucose concentrations in diabetic patients.
- 2.Diagnosing diabetes.
- 3.Identifying patients at increased risk for diabetes (prediabetes).

The ADA recommends measurement of HbA1c (typically 3-4 times per year for type 1 and poorly controlled type 2 diabetic patients, and 2 times per year for well-controlled type 2 diabetic patients) to determine whether a patient's metabolic control has remained continuously within the target range.

1. eAG (Estimated average glucose) converts percentage HbA1c to mg/dl, to compare blood glucose levels.
2. eAG gives an evaluation of blood glucose levels for the last couple of months.
3. eAG is calculated as eAG (mg/dl) = 28.7 * HbA1c - 46.7

HbA1c Estimation can get affected due to :

- I.Shortened Erythrocyte survival : Any condition that shortens erythrocyte survival or decreases mean erythrocyte age (e.g. recovery from acute blood loss,hemolytic anemia) will falsely lower HbA1c test results.Fructosamine is recommended in these patients which indicates diabetes control over 15 days.
- II.Vitamin C & E are reported to falsely lower test results (possibly by inhibiting glycation of hemoglobin.
- III.Iron deficiency anemia is reported to increase test results. Hypertriglyceridemia,uremia, hyperbilirubinemia, chronic alcoholism,chronic ingestion of salicylates & opiates addition are reported to interfere with some assay methods,falsely increasing results.
- IV.Interference of hemoglobinopathies in HbA1c estimation is seen in
 - a.Homozygous hemoglobinopathy. Fructosamine is recommended for testing of HbA1c.
 - b.Heterozygous state detected (D10 is corrected for HbS & HbC trait.)
 - c.HbF > 25% on alternate platform (Boronate affinity chromatography) is recommended for testing of HbA1c.Abnormal Hemoglobin electrophoresis (HPLC method) is recommended for detecting a hemoglobinopathy

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 Counsultant Pathologist



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Patient Ref. No. 2200000835667

12364988
29 Years

SUJATA MUNDE
Female

3/21/2023 10:56:50 AM

HC

Rate 81 . Sinus rhythm.....normal P axis, V-rate 50- 99

PR 169
QRSD 82
QT 374
QTC 434

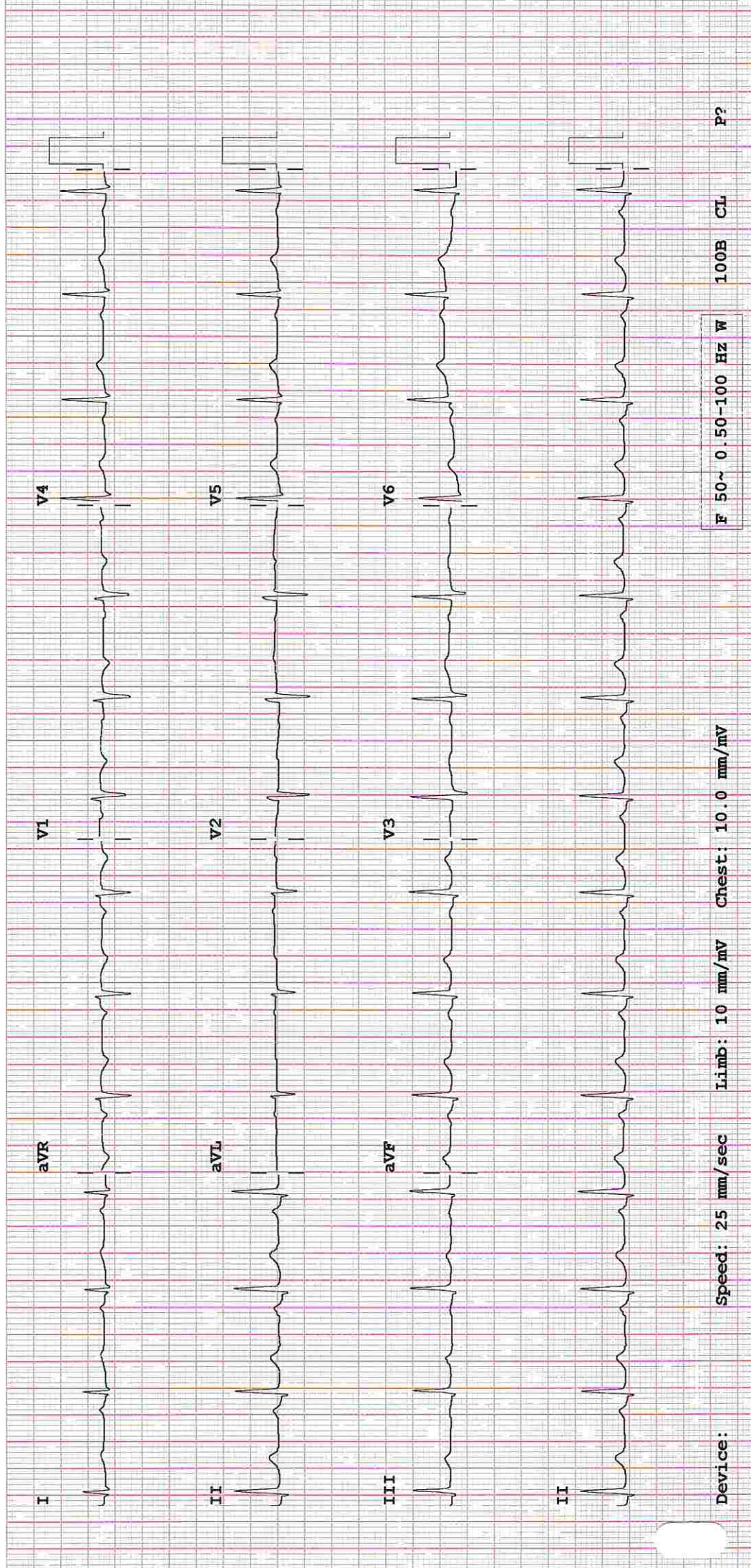
--AXIS--

P 41
QRS 76
T 62

12 Lead; Standard Placement

- NORMAL ECG -

Unconfirmed Diagnosis



*Sinus rhythm
Normal*

Hiranandani Healthcare Pvt. Ltd.

Mini Sea Shore Road, Sector 10-A, Vashi, Navi Mumbai - 400703.

Board Line: 022 - 39199222 | Fax: 022 - 39133220

Emergency: 022 - 39199100 | Ambulance: 1255

For Appointment: 022 - 39199200 | Health Checkup: 022 - 39199300

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CIN: U85100MH2005PTC 154823

GST IN : 27AABCH5894D1ZG

PAN NO : AABCH5894D

**(For Billing/Reports & Discharge Summary only)**

Date: 21/Mar/2023

DEPARTMENT OF NIC**Name: Mrs. Sujata Munde****Age | Sex: 29 YEAR(S) | Female****Order Station : FO-OPD****Bed Name :****UHID | Episode No : 12364988 | 16696/23/1501****Order No | Order Date: 1501/PN/OP/2303/34775 | 21-Mar-2023****Admitted On | Reporting Date : 21-Mar-2023 13:45:21****Order Doctor Name : Dr.SELF .****ECHOCARDIOGRAPHY TRANSTHORACIC****FINDINGS:**

- No left ventricle regional wall motion abnormality at rest.
- Normal left ventricle systolic function. LVEF = 60%.
- No left ventricle diastolic dysfunction.
- No left ventricle Hypertrophy. No left ventricle dilatation.
- Structurally normal valves.
- No mitral regurgitation.
- No aortic regurgitation. No aortic stenosis.
- No tricuspid regurgitation. No pulmonary hypertension.
- Intact IAS and IVS.
- No left ventricle clot/vegetation/pericardial effusion.
- Normal right atrium and right ventricle dimensions.
- Normal left atrium and left ventricle dimension.
- Normal right ventricle systolic function. No hepatic congestion.

M-MODE MEASUREMENTS:

LA	30	mm
AO Root	19	mm
AO CUSP SEP	16	mm
LVID (s)	18	mm
LVID (d)	39	mm
IVS (d)	08	mm
LVPW (d)	08	mm
RVID (d)	16	mm
RA	28	mm
LVEF	60	%



(For Billing/Reports & Discharge Summary only)

Date: 21/Mar/2023

DEPARTMENT OF NIC

Name: Mrs. Sujata Munde

Age | Sex: 29 YEAR(S) | Female

Order Station : FO-OPD

Bed Name :

UHID | Episode No : 12364988 | 16696/23/1501

Order No | Order Date: 1501/PN/OP/2303/34775 | 21-Mar-2023

Admitted On | Reporting Date : 21-Mar-2023 13:45:21

Order Doctor Name : Dr.SELF .

DOPPLER STUDY:

E WAVE VELOCITY: 0.7 m/sec.

A WAVE VELOCITY:0.6m/sec

E/A RATIO:1.2

	PEAK (mmHg)	MEAN (mmHg)	V max (m/sec)	GRADE OF REGURGITATION
MITRAL VALVE	N			Nil
AORTIC VALVE	05			Nil
TRICUSPID VALVE	N			Nil
PULMONARY VALVE	3.0			Nil

Final Impression :

- Normal 2 Dimensional and colour doppler echocardiography study.

DR. PRASHANT PAWAR
 DNB(MED), DNB (CARDIOLOGY)

Hiranandani Healthcare Pvt. Ltd.

Mini Sea Shore Road, Sector 10-A, Vashi, Navi Mumbai - 400703.

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CIN: U85100MH2005PTC 154823

GST IN : 27AABCH5894D1ZG

PAN NO : AABCH5894D



DEPARTMENT OF RADIOLOGY

Date: 21/Mar/2023

Name: Mrs. Sujata Munde

UHID | Episode No : 12364988 | 16696/23/1501

Age | Sex: 29 YEAR(S) | Female

Order No | Order Date: 1501/PN/OP/2303/34775 | 21-Mar-2023

Order Station : FO-OPD

Admitted On | Reporting Date : 21-Mar-2023 13:20:22

Bed Name :

Order Doctor Name : Dr.SELF .

X-RAY-CHEST- PA

Findings:

Both lung fields are clear.

The cardiac shadow appears within normal limits.

Trachea and major bronchi appear normal.

Both costophrenic angles are well maintained.

Bony thorax appears unremarkable.

DR. ADITYA NALAWADE

M.D. (Radiologist)



DEPARTMENT OF RADIOLOGY

Date: 21/Mar/2023

Name: Mrs. Sujata Munde

UHID | Episode No : 12364988 | 16696/23/1501

Age | Sex: 29 YEAR(S) | Female

Order No | Order Date: 1501/PN/OP/2303/34775 | 21-Mar-2023

Order Station : FO-OPD

Admitted On | Reporting Date : 21-Mar-2023 13:18:39

Bed Name :

Order Doctor Name : Dr.SELF .

US-WHOLE ABDOMEN

LIVER is normal in size and echogenicity. No IHBR dilatation. No focal lesion is seen in liver. Portal vein appears normal in caliber.

GALL BLADDER is physiologically distended. Gall bladder reveals normal wall thickness. No evidence of calculi in gall bladder. No evidence of pericholecystic collection.

CBD appears normal in caliber.

SPLEEN is normal in size and echogenicity.

BOTH KIDNEYS are normal in size and echogenicity. The central sinus complex is normal. No evidence of calculi/hydronephrosis.

Right kidney measures 10.3 x 4.5 cm.

Left kidney measures 10.3 x 4.0 cm.

PANCREAS is normal in size and morphology. No evidence of peripancreatic collection.

URINARY BLADDER is normal in capacity and contour. Bladder wall is normal in thickness. No evidence of intravesical calculi.

UTERUS is normal in size, measuring 7.2 x 3.6 x 4.1 cm.

Endometrium measures 8 mm in thickness.

Right ovary is mildly bulky and measures 5.5 x 3.4 x 4.5 cm, volume 45 cc. It shows 3.4 x 3.5 cm sized simple anechoic cyst within. No evidence of mural nodule or septae is noted within. The residual ovarian parenchyma shows normal vascularity in present scan.

Left ovary measures 2.6 x 1.3 x 3.3 cm, volume 5.7 cc.

No evidence of ascites.

Impression:

- Bulky right ovary with simple cyst within.

Aditya
DR. ADITYA NALAWADE
M.D. (Radiologist)