



NABH PRE ACCREDITATION
ENTRY LEVEL HOSPITAL
PEH-2018-0537



**SURANA SETHIA HOSPITAL
AND RESEARCH CENTRE
CHARITABLE**

Chembur | Malad | Bhiwandi | Navi Mumbai

Patient Name : MR. SANKARA SUBRAMANIAN J	IP / OP No : 1128670
Ordered Loc : Hospital clinic	Gender : Male Age : 29 Y 8 M 2 D
Referred By : Dr.Mediwheel	Vch No : 1372053
Class : OPD	Received Dt : 28-Mar-2023 13:09
Current Loc :	Reported On : 28-Mar-2023 14:30
Accession No : 23005732	Sample No : 23014848

COMPLETE HEAMOGRAM (C.B.C.)

TEST DESCRIPTION	OBSERVED VALUE	REFERENCE RANGE	UNITS
Haemoglobin	13.00	11.50 - 16.00	gm/dL
R.B.C.	4.99	4.00 - 6.00	Mill/C.mm.
P.C.V.	38.70	37.00 - 47.00	%
M.C.V.	77.56	78.00 - 100.00	fL
M.C.H.	26.05	27.00 - 31.00	pg
M.C.H.C.	33.59	32.00 - 36.00	%
RDW	12.3	11.0 - 15.0	%
Total W.B.C. Count	6100	4000 - 11000	/C.mm
DIFFERENTIAL COUNT			
Neutrophils	54	40 - 75	%
Eosinophils	4	1 - 6	%
Basophils	0	0 - 1	%
Lymphocytes	39	20 - 45	%
Monocytes	3	1 - 10	%
WBC MORPHOLOGY	Normal		
RBC MORPHOLOGY	Normal		
PLATELET COUNT	169	150 - 450	10 ³ /ul
PLATELETS	Adequate		

** END OF REPORT **

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Ppote
Dr. Pragati Pote
MB, DPB,
(Path & Bact)

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Regd. No. E 15635 With Charity Commissioner Mumbai
Income Exemption No. DIT (E) / MC / 80G / 524 / 2009 - 10. 12-A Registration No. TR/31324.
Sumannagar, Sion Trombay Road, Chembur, Mumbai - 400071 **Tel. : 022-3378 3378**
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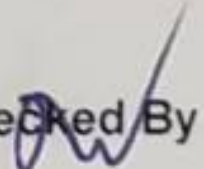
Chembur | Malad | Bhiwandi | Navi Mumbai

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Accession No : 23005732	Sample No : 23014845

ESR

<u>TEST DESCRIPTION</u>	<u>OBSERVED VALUE</u>	<u>REFERENCE RANGE\UNITS</u>
ESR (Erythrocyte Sedimentation Rate)	10	1 - 20 mm/hr

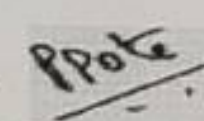
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Class : OPD	Received Dt : 28-Mar-2023 13:09
Current Loc :	Reported On : 28-Mar-2023 14:30
Accession No : 23005732	Sample No : 23014846

BLOOD GROUP & RH TYPE

<u>TEST DESCRIPTION</u>	<u>OBSERVED VALUE</u>	<u>REFERENCE RANGE\UNITS</u>
<u>BLOOD GROUP & RH TYPE</u>		
ABO Group	"B"	
Rh Factor	POSITIVE	
	** END OF REPORT **	

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Referred By : Dr.Mediwheel	Vch No : 1372053
Class : OPD	Received Dt : 28-Mar-2023 13:09
Current Loc :	Reported On : 29-Mar-2023 9:00
Accession No : 23005732	Sample No : 23014850

RENAL FUNCTION TEST

TEST DESCRIPTION	OBSERVED VALUE	REFERENCE RANGE\UNITS
BUN	12.0	6.0 - 21.0 mg/dl
Uric Acid	5.5	3.5 - 7.2 mg/dl
Sodium [Na+]	140	135 - 155 mmol/L
Potassium [K+]	4.2	3.6 - 5.5 mmol/L
Chloride [Cl-]	101	96 - 108 mmol/L
Calcium	9.4	8.4 - 10.2 mg/dl
Phosphorus	4.0	2.5 - 4.5 mg/dl
Serum Alkaline Phosphates	76.0	28.0 - 111.0 IU/L
Serum Proteins Total	7.5	6.0 - 8.2 gm%
Serum Albumin	4.0	3.0 - 5.0 gm%
Serum Globulin	3.50	1.90 - 3.50 gm%
Albumin : Globulin Ratio	1.14	0.90 - 2.00 gm%
Serum Creatinine	1.1	0.5 - 1.5 mg/dl

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Class : OPD
Current Loc :
Accession No : 23005732

IP / OP No : 1128670
Gender : Male Age : 29 Y 8 M 2 D
Vch No : 1372053
Received Dt : 28-Mar-2023 13:09
Reported On : 29-Mar-2023 9:00
Sample No : 23014850

LIVER FUNCTION TEST

TEST DESCRIPTION

OBSERVED VALUE

REFERENCE RANGE UNITS

Total Bilirubin	0.4	0.1 - 1.2	mg/dl
Conjugated (Direct) Bilirubin	0.2	0.0 - 0.3	mg/dl
Unconjugated (Indirect) Bilirubin	0.2	0.1 - 1.0	mg/dL
SGOT	24.0	15.0 - 46.0	U/L
SGPT	36.0	13.0 - 69.0	U/L
Serum Alkaline Phosphates	76.0	28.0 - 111.0	IU/L
Serum Proteins Total	7.5	6.0 - 8.2	gm%
Serum Albumin	4.0	3.0 - 5.0	gm%
Serum Globulin	3.50	1.90 - 3.50	gm%
Albumin : Globulin Ratio	1.14	0.90 - 2.00	gm%
Serum Creatinine	1.1	0.5 - 1.5	mg/dl

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Accession No : 23005732	Sample No : 23014850

LIPID PROFILE

<u>TEST DESCRIPTION</u>	<u>OBSERVED VALUE</u>	<u>REFERENCE RANGE</u>	<u>UNITS</u>
Total Cholesterol	190	150 - 250	mg%
Triglycerides	94	35 - 160	mg%
HDL Cholesterol	45	30 - 70	mg%
VLDL Cholesterol	18.80	7.00 - 35.00	mg%
LDL Cholesterol	126.20	108.00 - 145.00	mg%
LDL/HDL Ratio	2.80	1.10 - 3.90	
TC/HDL CHOL Ratio	4.22	3.50 - 5.00	

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Accession No : 23005732	Sample No : 23014850

BLOOD SUGAR F/PP

<u>TEST DESCRIPTION</u>	<u>OBSERVED VALUE</u>	<u>REFERENCE RANGE</u> UNITS
Blood Sugar Fasting (FBS)	90	70 - 110 mg%
Urine Sugar (Fasting)	Absent	
Urine Ketone (Fasting)	Absent	

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Class : OPD	Received Dt : 28-Mar-2023 13:09
Current Loc :	Reported On : 29-Mar-2023 9:01
Accession No : 23005732	Sample No : 23014844

URINE ANALYSIS

TEST DESCRIPTION

OBSERVED VALUE

REFERENCE RANGE\UNITS

PHYSICAL EXAMINATION

Quantity	25 ml
Colour	Pale yellow
Appearance	Clear
Deposit	Absent
Reaction [PH]	Acidic
Specific Gravity	1.015

CHEMICAL EXAMINATION

Urine Albumin	Absent
Sugar	Absent
Ketone Bodies	Absent
Occult Blood	Absent
Bile Pigment	Absent
Bile Salt	Absent

MICROSCOPIC EXAMINATION

Red Blood Cells	Absent	00-02
Pus Cells	1 - 2	00-02 / hpf
Epithelial Cells	1 - 2	00-02 / hpf
Casts	Absent	
Crystals	Absent	
Spermatozoa	Absent	
Trichomonas Vaginalis	Absent	
Yeast Cells	Absent	
Amorphous Deposits	Absent	
Bacteria	Absent	

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NAME	: MR. SANKARA SUBRAMANIAN	SEX	: MALE
AGE	: 29 YRS	ID NO.	: 1128670
REF BY	: C/O. MEDIWHEEL	DATE	: 28/03/2023

EXAMINATION: 2D ECHOCARDIOGRAPHY

Conclusion:

1. All chambers normal sized.
2. Good LV function with LVEF = 60 %
3. All valves structurally & functionally normal.
4. No regional wall motion abnormality.
5. IAS / IVS intact.
6. No clot / vegetation / effusion.

Doppler Study:

- No diastolic dysfunction
- No TR. No PH.
- No other valvular regurgitation.
- No signs of high LVEDP.

Impression:

- Normal study.

Dr. Dinesh Rajpal
MD, Physician
Reg. No.82808.

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Doppler Study:

- Diastolic dysfunction: Normal
- RVOT = Normal mm of Hg.
- LVOT = Normal mm of Hg.
- AR: NO MR: NO PR: NO TR: NO
- Peak / Mean across MV= Normal mm of Hg.
- Peak / mean across AV = 4 mm of Hg.
- MV PHT = Normal
- MVA by PHT = Normal square cm.
- AR PHT = Normal millisecond
- CWD across TV = Normal mm of Hg.
- PASP by TR jet = 30 mm of Hg.

Measurements:

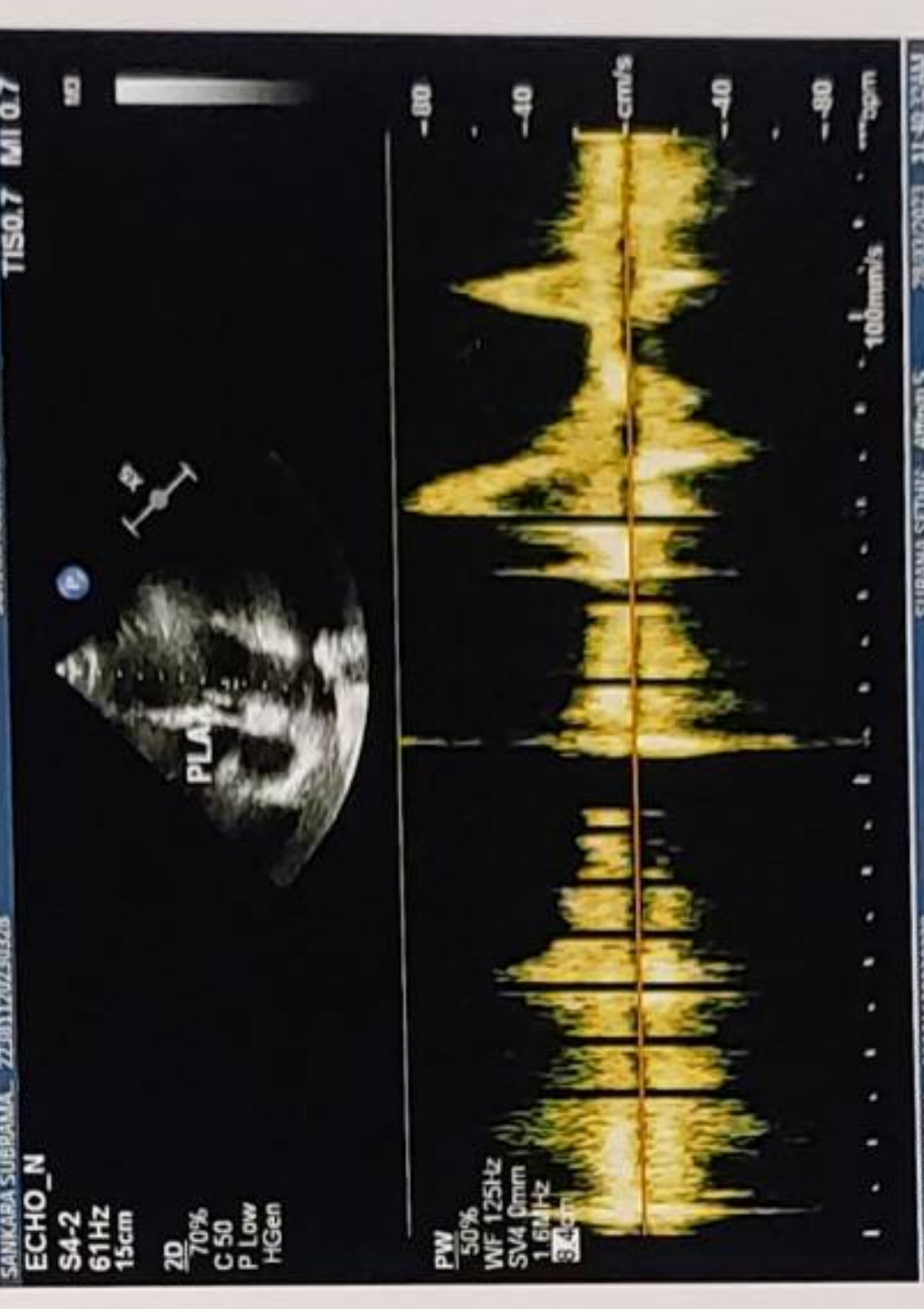
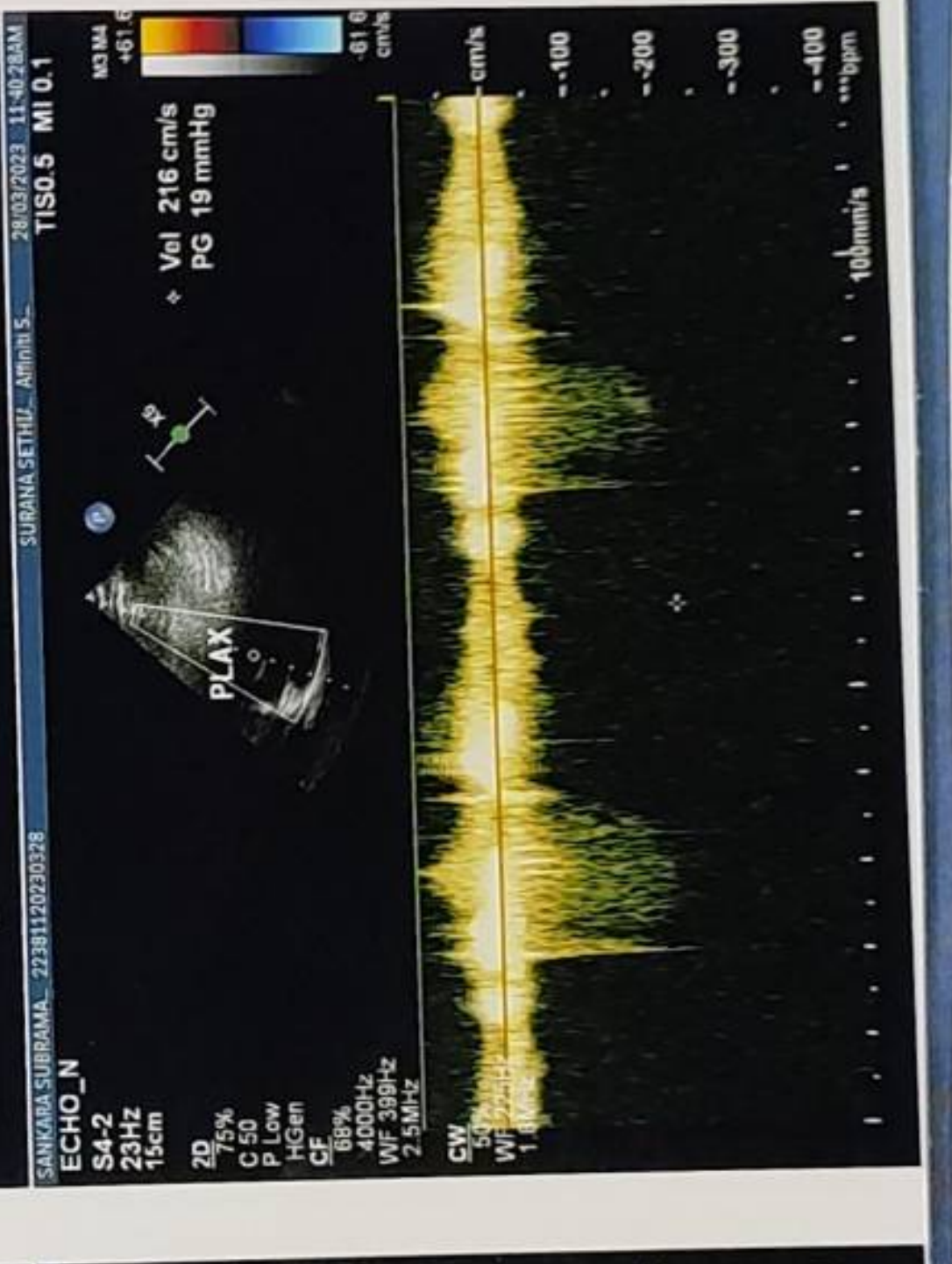
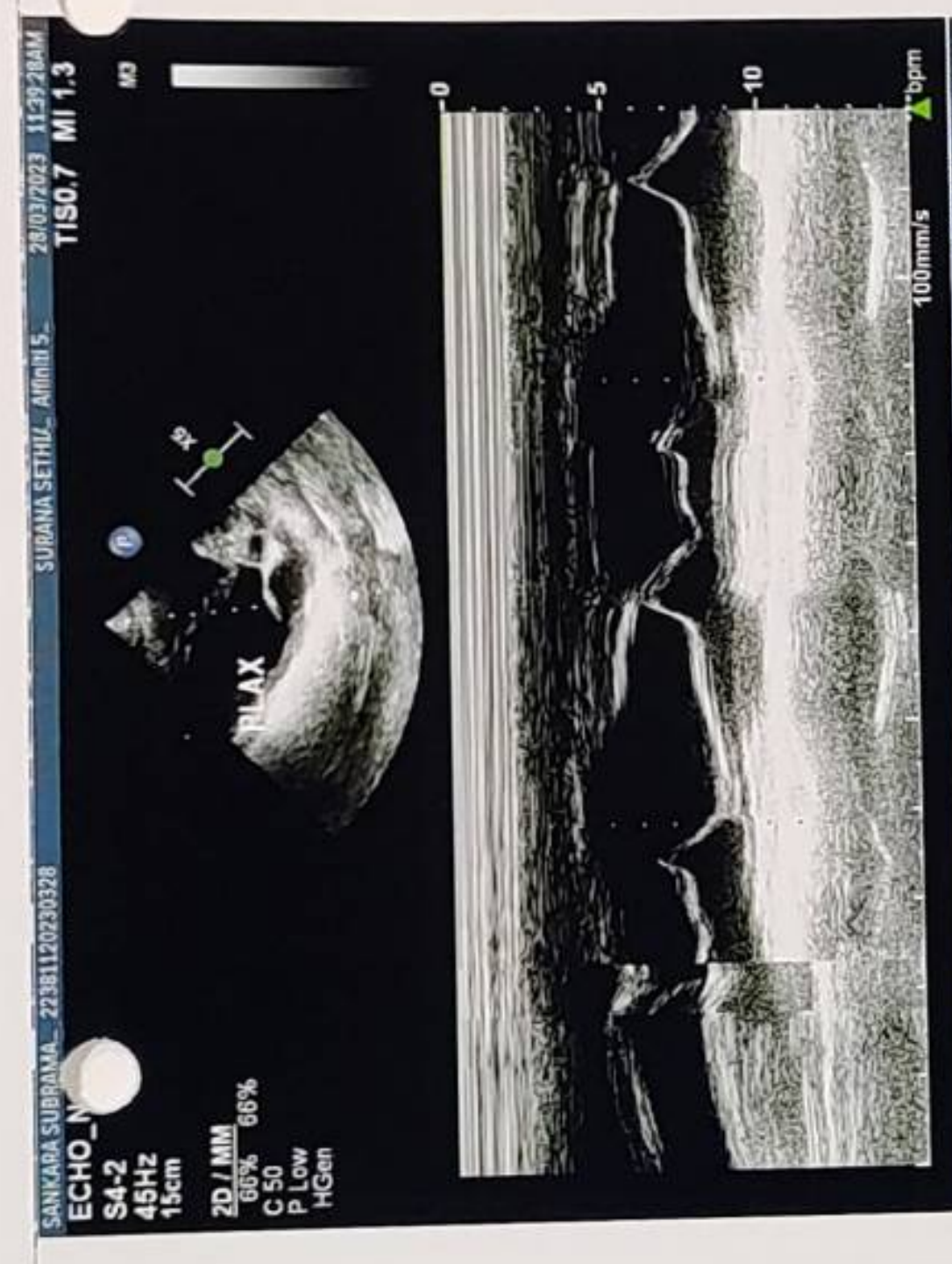
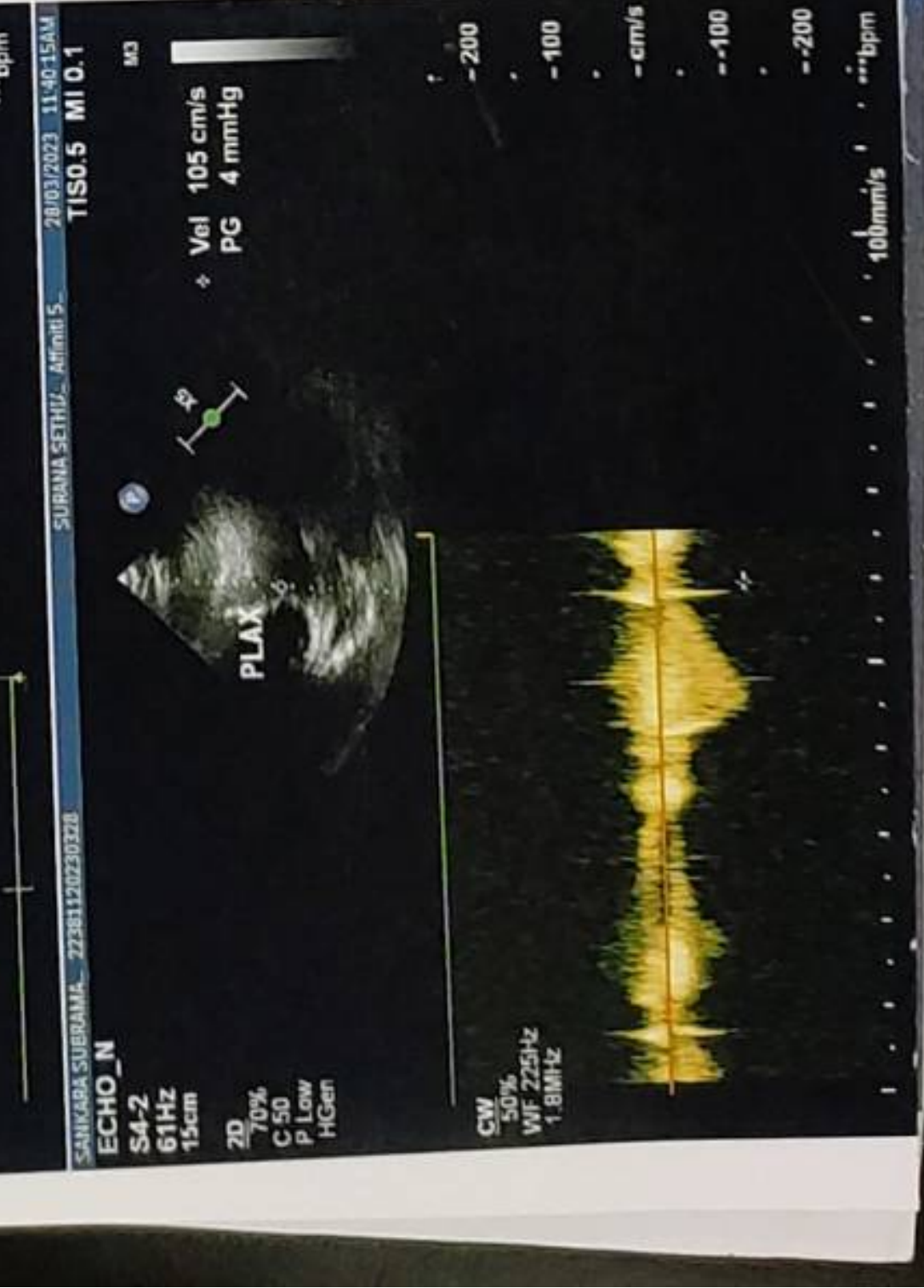
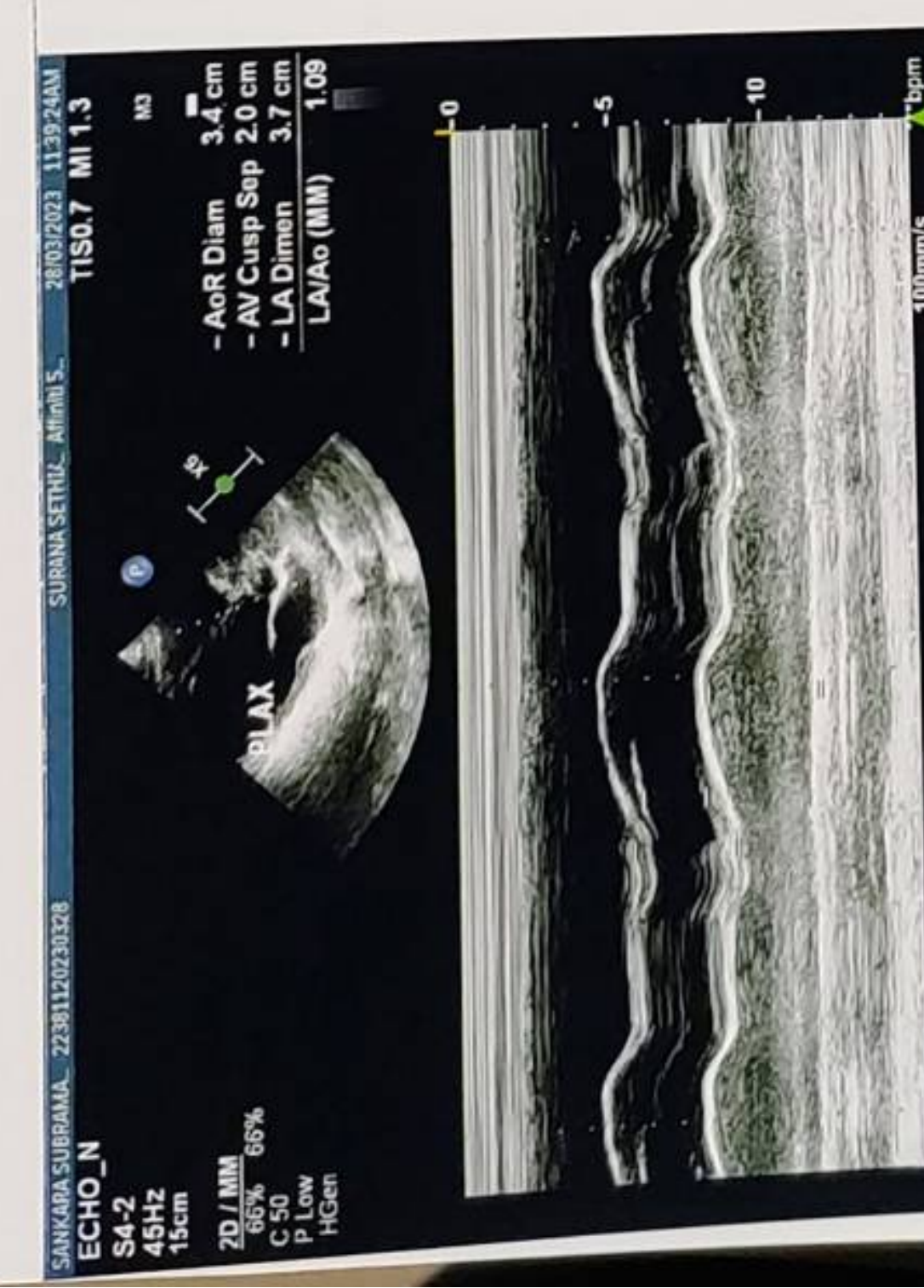
	Measurement	Unit
Aorta		
LA	37	mm
AO	34	mm
ACS	20	mm
Mitral Valve Study		
Excursion D-E		mm
EF slop		mm/s
EPSS	4	mm

	Measurement	Unit
LV study		
IVsd	07	mm
LVIDd	44	mm
LVPWD	07	mm
IVSs	13	mm
LVIDs	27	mm
LVPWa	14	mm
EF %	60	%
% FS		%

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REF BY	: C/O. MEDIWHEEL	DATE	: 28/03/2023

ULTRASONOGRAPHY OF ABDOMEN AND PELVIS

LIVER

Liver is normal in size, shape and contour. It shows homogeneous echotexture. No abnormal parenchymal mass lesion is seen. Intra hepatic biliary radicles and portal radicles are normal.

PORTAL VEIN AND C.B.D

Portal vein and C.B.D are normal in course and caliber.

GALL BLADDER

Gall bladder is physiologically distended. Wall thickness is normal. No evidence of calculus or sludge or pericholecystic collection.

SPLEEN

Spleen shows normal size, shape, contour and echogenicity. No abnormal parenchymal mass / lesion. Splenic vein is normal.

PANCREAS

Pancreas is normal in size, shape and position. It shows normal echogenicity. No focal mass lesion or calcification is seen. Pancreatic duct is not dilated

KIDNEYS

Both kidneys are normal in size, shape, position and contour. Parenchymal echogenicity is normal. Cortico-medullary difference is well maintained. No abnormal mass lesion is seen. No evidence of calculus and hydronephrosis in both kidneys.

Right kidney measures 8.8 x 4.5 cm.

Left kidney measures 8.7 x 4.2 cm.

Contd 2/..

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:2:

AORTA AND RETROPERITONEUM

Visualized aorta and retroperitoneal vessels are normal in course and caliber. No evidence of significant lymphadenopathy or free fluid.

URINARY BLADDER

Urinary bladder is well distended. It shows smooth wall and mucosal thickening is normal. No obvious mass lesion or calculus is seen.

PROSTATE

Prostate is normal in size, shape, position and echogenicity. It measures 3.0 x 3.4 x 3.2 cm (volume = 17 cc). No focal mass lesion is seen. Prostatic capsule is intact.

IMPRESSION:

- No significant abnormality is detected in abdomen and pelvis.

DR. KETAN KALASKAR
M.D.
Consultant Radiologist
RG





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X-RAY CHEST PA VIEW

Protocol :

Computerised radiography of chest PA reveals:

Observation:

- Lung fields appear clear.
- Cardiac silhouette is within normal limits.
- Bilateral costophrenic angles are clear.
- Visualised bones are unremarkable.

Impression:

- No significant abnormality detected.

**DR. KETAN KALASKAR
M.D.**

**Consultant Radiologist
RG**

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ID: 4

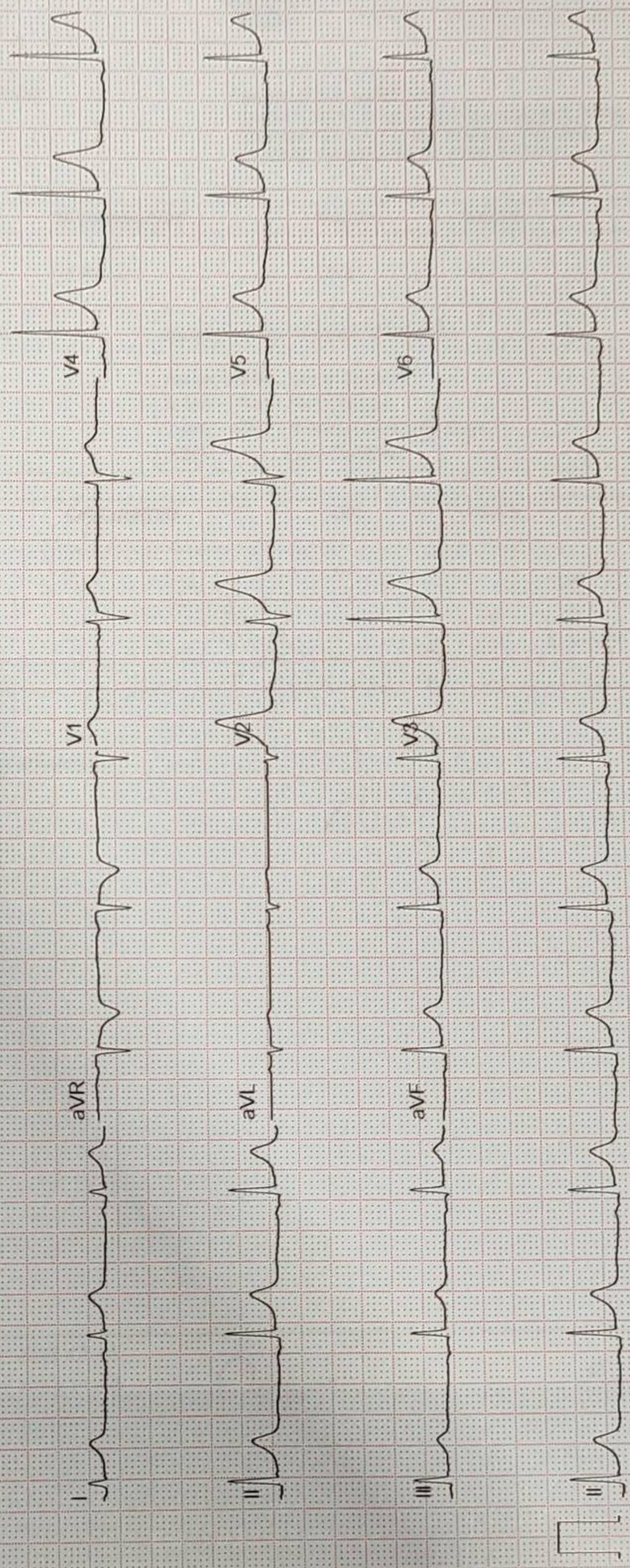
28.03.2005 9:43:52
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CHEMBUR
MUMBAI

63 bpm
-/- mmHg

Dr - Shankar Subramanian
Age - 24/04
BP - 110/70 mmHg
P - 68/min

Normal sinus rhythm
Early repolarization
Normal ECG

QRS	80 ms
QT / QTcBaz	390 / 399 ms
PR	144 ms
P	88 ms
RR / PP	956 / 952 ms
P / QRS / T	18 / 75 / 57 degrees





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NAME : SUBRAMANIAN SANKARA (29Y/M)
REF. BY : SELF
TEST ASKED : HbA1c

SAMPLE COLLECTED AT :
(4000711424), SURANA SETHIA HOSPITAL, SION -
TROMBAY ROAD, SUMAN NAGAR, CHEMBUR,
MUMBAI, MAHARASHTRA 400071, 400071

TEST NAME	TECHNOLOGY	VALUE	UNITS
HbA1c - (HPLC)	H.P.L.C	5.1	%

Reference Range :

Reference Range: As per ADA Guidelines

Below 5.7% : Normal
5.7% - 6.4% : Prediabetic
>=6.5% : Diabetic

Guidance For Known Diabetics

Below 6.5% : Good Control
6.5% - 7% : Fair Control
7.0% - 8% : Unsatisfactory Control
>8% : Poor Control

Method : Fully Automated H.P.L.C method

AVERAGE BLOOD GLUCOSE (ABG)	CALCULATED	100	mg/dl
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Reference Range :

90 - 120 mg/dl : Good Control
121 - 150 mg/dl : Fair Control
151 - 180 mg/dl : Unsatisfactory Control
> 180 mg/dl : Poor Control

Method : Derived from HBA1c values

Please correlate with clinical conditions.

~~ End of report ~~

Sample Collected on (SCT) : 28 Mar 2023 12:05
Sample Received on (SRT) : 28 Mar 2023 14:46
Report Released on (RRT) : 28 Mar 2023 16:10

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Dr Meha S MD.DNB (Path)

Dr Sumanta Batak DFB

Laboratory Test Report

Name of Patient : **Mr. SUBRAMANIAN SANKARA**
 Age/Gender : 29 Yrs/Male
 Collected AT : SURANASETHIA HOSPITAL AND RESE
 Referred BY : Dr. MEDIWHEEL
 Sample Type : Serum - A3881306
 Ref Customer :

Test Request ID : 35742303280008
 Specimen Drawn ON : 28-Mar-2023 12:37PM
 Specimen Received ON : 28-Mar-2023 02:39PM
 Report DATE : 28-Mar-2023 04:42PM

Test Description	Observed Value	Biological Reference Range	Method
THYROID PROFILE			
Triiodothyronine Total (T3)	0.95	0.70-2.04 ng/mL	Electrochemiluminescence immunoassay (ECLIA)
Thyroxine Total (T4)	7.5	4.6-10.5 ug/dL	Electrochemiluminescence immunoassay (ECLIA)
TSH (4th Generation)	4.368	0.40-4.20 uIU/mL	Electrochemiluminescence immunoassay (ECLIA)

Please correlate clinically.

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

INTERPRETATION-

1. Primary hyperthyroidism is accompanied by elevated serum T3 & T4 values along with depressed TSH level.
2. Primary hypothyroidism is accompanied by depressed serum T3 and T4 values & elevated serum TSH levels.
3. Normal T4 levels accompanied by high T3 levels and low TSH are seen in patients with T3 thyrotoxicosis.
4. Normal or low T3 & high T4 levels indicate T4 thyrotoxicosis (problem is conversion of T4 to T3)
5. Normal T3 & T4 along with low TSH indicate mild / subclinical HYPERTHYROIDISM .
6. Normal T3 & low T4 along with high TSH is seen in HYPOTHYROIDISM .
7. Normal T3 & T4 levels with high TSH indicate Mild / Subclinical HYPOTHYROIDISM .
8. Slightly elevated T3 levels may be found in pregnancy and in estrogen therapy while depressed levels may be encountered in severe illness , malnutrition , renal failure and during therapy with drugs like propanolol .
9. Although elevated TSH levels are nearly always indicative of primary hypothyroidism . rarely they can result from TSH secreting pituitary tumours (secondary hyperthyroidism)

TSH IS DONE BY ULTRASENSITIVE 4th GENERATION CHEMIFLEX ASSAY

COMMENTS:

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 clients should be repeated after the critical nature of the condition is resolved. The production, circulation, and disintegration of thyroid hormones are altered throughout the stages of pregnancy.

Disclaimer-

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 levels are subject to circadian variation, reaching peak levels between 2-4AM and nimum 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. r
 Reference ranges are from Teitz fundamental of clinical chemistry 7th ed.

Nabl Scope.

*** End Of Report ***



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This report has been validated by:

Preeti



QR CODE

NABL CERTIFICATE

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