



NABH PRE ACCREDITATION
ENTRY LEVEL HOSPITAL
PEH-2018-0537



**SURANA SETHIA HOSPITAL
AND RESEARCH CENTRE
CHARITABLE**

Chembur | Malad | Bhiwandi | Navi Mumbai

Patient Name : MR. MEHTA JAY S	IP / OP No : 1135217
Ordered Loc : Hospital clinic	Gender : Male Age : 34 Y 0 M 1 D
Referred By : Dr.BANK OF BARODA	Vch No : 1390447
Class : OPD	Received Dt : 29-Sep-2023 11:57
Current Loc :	Reported On : 29-Sep-2023 15:22
Accession No : 23017345	Sample No : 23043478

COMPLETE HEAMOGRAM (C.B.C.)

<u>TEST DESCRIPTION</u>	<u>OBSERVED VALUE</u>	<u>REFERENCE RANGE\UNITS</u>
Haemoglobin	14.70	11.50 - 16.00 gm/dL
R.B.C.	5.16	4.00 - 6.00 Mill/C.mm.
P.C.V.	42.80	37.00 - 47.00 %
M.C.V.	82.95	78.00 - 100.00 fL
M.C.H.	28.49	27.00 - 31.00 pg
M.C.H.C.	34.35	32.00 - 36.00 %
RDW	11.3	11.0 - 15.0 %
Total W.B.C. Count	4800	4000 - 11000 /C.mm
<u>DIFFERENTIAL COUNT</u>		
Neutrophils	63	40 - 75 %
Eosinophils	4	1 - 6 %
Basophils	0	0 - 1 %
Lymphocytes	30	20 - 45 %
Monocytes	3	1 - 10 %
WBC MORPHOLOGY	Normal	
RBC MORPHOLOGY	Normochromic Normocytic	
PLATELET COUNT	299	150 - 450 10 ³ /ul
PLATELETS	Adequate	

** END OF REPORT **

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Provisional

Authorized By Technician

Printed By : SSSL on 29/09/2023 03:22:30PM

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

A Social Venture of

SURANA CHARITABLE TRUST

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**

Email: info@suranasethiahospital.in Web. : www.suranasethiahospital.com



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Ordered Loc : Hospital clinic
Referred By : Dr. BANK OF BARODA
Class : OPD
Current Loc :
Accession No : 23017345

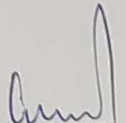
IP / OP No : 1135217
Gender : Male Age : 34 Y 0 M 1 D
Vch No : 1390447
Received Dt : 29-Sep-2023 11:57
Reported On : 29-Sep-2023 15:22
Sample No : 23043476

BLOOD GROUP & RH TYPE

TEST DESCRIPTION **OBSERVED VALUE** **REFERENCE RANGE/UNITS**

BLOOD GROUP & RH TYPE


ABO Group "A"
Rh Factor POSITIVE
 ** END OF REPORT **


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Referred By : Dr.BANK OF BARODA
Class : OPD
Current Loc :
Accession No : 23017345

IP / OP No : 1135217
Gender : Male Age : 34 Y 0 M 1 D
Vch No : 1390447
Received Dt : 29-Sep-2023 11:57
Reported On : 29-Sep-2023 15:23
Sample No : 23043475

ESR

<u>TEST DESCRIPTION</u>	<u>OBSERVED VALUE</u>	<u>REFERENCE RANGE</u>	<u>UNITS</u>
ESR (Erythrocyte Sedimentation Rate)	60	1 - 20	mm/hr

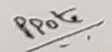
** END OF REPORT **


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Printed By : SSSL on 29/09/2023 03:23:15PM


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Referred By : Dr.BANK OF BARODA
Class : OPD
Current Loc :
Accession No : 23017345

IP / OP No : 1135217
Gender : Male Age : 34 Y 0 M 1 D
Vch No : 1390447
Received Dt : 29-Sep-2023 11:57
Reported On : 29-Sep-2023 15:23
Sample No : 23043479

BLOOD SUGAR F/PP

TEST DESCRIPTION

OBSERVED VALUE

REFERENCE RANGE UNITS

Blood Sugar Post Prandial (PPBS)	116	70 - 140 mg/dl
Urine Sugar (PP)	Absent	
Urine Ketone (PP)	Absent	

METHOD GLUCOSE OXIDASE PEROXIDASE (GOD /POD)


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Class : OPD
Current Loc :
Accession No : 23017345

IP / OP No : 1135217
Gender : Male Age : 34 Y 0 M 1 D
Vch No : 1390447
Received Dt : 29-Sep-2023 11:57
Reported On : 29-Sep-2023 15:28
Sample No : 23043480

RENAL FUNCTION TEST

<u>TEST DESCRIPTION</u>	<u>OBSERVED VALUE</u>	<u>REFERENCE RANGE</u>	<u>UNITS</u>
BUN	12.0	6.0 - 21.0	mg/dl
Uric Acid	6.5	3.5 - 7.2	mg/dl
Sodium [Na+]	143	135 - 155	mmol/L
Potassium [K+]	4.0	3.6 - 5.5	mmol/L
Chloride [Cl-]	103	96 - 108	mmol/L
Calcium	9.0	8.4 - 10.2	mg/dl
Phosphorus	3.6	2.5 - 4.5	mg/dl
Serum Alkaline Phosphates	85.0	28.0 - 111.0	IU/L
Serum Proteins Total	7.0	6.0 - 8.2	gm%
Serum Albumin	4.0	3.0 - 5.0	gm%
Serum Globulin	3.00	1.90 - 3.50	gm%
Albumin : Globulin Ratio	1.33	0.90 - 2.00	gm%
Serum Creatinine	1.0	0.5 - 1.5	mg/dl

** END OF REPORT **

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Sample No : 23043480


LIVER FUNCTION TEST

<u>TEST DESCRIPTION</u>	<u>OBSERVED VALUE</u>	<u>REFERENCE RANGE</u>	<u>UNITS</u>
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	22.0	15.0 - 46.0	U/L
SGPT	25.0	13.0 - 69.0	U/L
Serum Alkaline Phosphates	85.0	28.0 - 111.0	IU/L
Serum Proteins Total	7.0	6.0 - 8.2	gm%
Serum Albumin	4.0	3.0 - 5.0	gm%
Serum Globulin	3.00	1.90 - 3.50	gm%
Albumin : Globulin Ratio	1.33	0.90 - 2.00	gm%
Serum Creatinine	1.0	0.5 - 1.5	mg/dl

** END OF REPORT **


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Sample No : 23043480

LIPID PROFILE

<u>TEST DESCRIPTION</u>	<u>OBSERVED VALUE</u>	<u>REFERENCE RANGE</u>	<u>UNITS</u>
Total Cholesterol	180	150 - 250	mg%
Triglycerides	150	35 - 160	mg%
HDL Cholesterol	38	30 - 70	mg%
VLDL Cholesterol	30.00	7.00 - 35.00	mg%
LDL Cholesterol	112.00	108.00 - 145.00	mg%
LDL/HDL Ratio	2.95	1.10 - 3.90	
TC/HDL CHOL Ratio	4.74	3.50 - 5.00	

** END OF REPORT **

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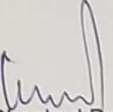
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Sample No : 23043480

BLOOD SUGAR F/PP

<u>TEST DESCRIPTION</u>	<u>OBSERVED VALUE</u>	<u>REFERENCE RANGE</u> UNITS
Blood Sugar Fasting (FBS)	100	70 - 110 mg%
Urine Sugar (Fasting)	Absent	
Urine Ketone (Fasting)	Absent	

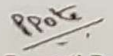
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Ordered Loc : Hospital clinic
Referred By : Dr.BANK OF BARODA
Class : OPD
Current Loc :
Accession No : 23017345

IP / OP No : 1135217
Gender : Male Age : 34 Y 0 M 1 D
Vch No : 1390447
Received Dt : 29-Sep-2023 11:57
Reported On : 29-Sep-2023 15:29
Sample No : 23043474

URINE ANALYSIS

TEST DESCRIPTION

OBSERVED VALUE

REFERENCE RANGE/UNITS

PHYSICAL EXAMINATION

Quantity	20 ml
Colour	Pale yellow
Appearance	Clear
Deposit	Absent
Reaction [PH]	Acidic
Specific Gravity	1.020

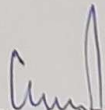
CHEMICAL EXAMINATION

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	2 - 3	00-02 / hpf
Epithelial Cells	2 - 3	00-02 / hpf
Casts	Absent	
Crystals	Absent	
Spermatozoa	Absent	
Trichomonas Vaginalis	Absent	
Yeast Cells	Absent	
Amorphous Deposits	Absent	
Bacteria	Absent	

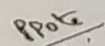
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AND RESEARCH CENTRE
CHARITABLE**

Chembur | Malad | Bhiwandi | Navi Mumbai

NAME : JAY S MEHTA (34Y/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	5.5	%

Bio. Ref. Interval. :

Bio. Ref. Interval.: 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	111	mg/dL
-----------------------------	------------	-----	-------

Bio. Ref. Interval. :

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) : 29 Sep 2023 09:46
Sample Received on (SRT) : 29 Sep 2023 16:54
Report Released on (RRT) : 29 Sep 2023 17:44

Sample Type : EDTA
Labcode : 903059604/AJ392
Barcode : BC874680

Dr Shruti MD (Path)

Dr Sumanta Basak, DPB

Page : 1 of 1

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AND RESEARCH CENTRE
CHARITABLE**

Chembur | Malad | Bhiwandi | Navi Mumbai

NAME : JAY S MEHTA (34Y/M)
REF. BY : SELF
TEST ASKED : EGFR (ESTIMATED GLOMERULAR FILTRATION RATE),T3-T4-USTSH

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

TEST NAME	TECHNOLOGY	VALUE	UNITS
EST. GLOMERULAR FILTRATION RATE (eGFR)	CALCULATED	115	mL/min/1.73 m2

Reference Range :-

- > = 90 : Normal
- 60 - 89 : Mild Decrease
- 45 - 59 : Mild to Moderate Decrease
- 30 - 44 : Moderate to Severe Decrease
- 15 - 29 : Severe Decrease

Clinical Significance

The normal serum creatinine reference interval does not necessarily reflect a normal GFR for a patient. Because mild and moderate kidney injury is poorly inferred from serum creatinine alone. Thus, it is recommended for clinical laboratories to routinely estimate glomerular filtration rate (eGFR), a "gold standard" measurement for assessment of renal function, and report the value when serum creatinine is measured for patients 18 and older, when appropriate and feasible. It cannot be measured easily in clinical practice, instead, GFR is estimated from equations using serum creatinine, age, race and sex. This provides easy to interpret information for the doctor and patient on the degree of renal impairment since it approximately equates to the percentage of kidney function remaining. Application of CKD-EPI equation together with the other diagnostic tools in renal medicine will further improve the detection and management of patients with CKD.

Reference

Levey AS, Stevens LA, Schmid CH, Zhang YL, Castro AF, 3rd, Feldman HI, et al. A new equation to estimate glomerular filtration rate. *Ann Intern Med.* 2009;150(9):604-12.

Please correlate with clinical conditions.

Method:- CKD-EPI Creatinine Equation

~ End of report ~

Sample Collected on (SCT) : 29 Sep 2023 09:46
Sample Received on (SRT) : 29 Sep 2023 13:12
Report Released on (RRT) : 29 Sep 2023 15:21
Sample Type : SERUM

Dr Shrub MD (Path)

Dr Sumanta Basak, DPB

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NAME : JAY S MEHTA (34Y/M)
REF. BY : SELF
TEST ASKED : EGFR (ESTIMATED GLOMERULAR FILTRATION RATE),T3-T4-USTSH

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

TEST NAME	TECHNOLOGY	VALUE	UNITS	Bio. Ref. Interval.
TOTAL TRIIODOTHYRONINE (T3)	C.M.I.A	91	nq/dL	58-159
TOTAL THYROXINE (T4)	C.M.I.A	6.12	µq/dL	4.87-11.72
TSH - ULTRASENSITIVE	C.M.I.A	0.928	µIU/mL	0.35-4.94

The Biological Reference Ranges is specific to the age group. Kindly correlate clinically.

Method :
T3 - Fully Automated Chemi Luminescent Microparticle Immunoassay
T4 - Fully Automated Chemi Luminescent Microparticle Immunoassay
USTSH - Fully Automated Chemi Luminescent Microparticle Immunoassay

Disclaimer :

Results should always be interpreted using the reference range provided by the laboratory that performed the test. Different laboratories do tests using different technologies, methods and using different reagents which may cause difference in reference ranges and hence it is recommended to interpret result with assay specific reference ranges provided in the reports. To diagnose and monitor therapy doses, it is recommended to get tested every time at the same Laboratory.

Sample Collected on (SCT) : 29 Sep 2023 09:46
Sample Received on (SRT) : 29 Sep 2023 13:12
Report Released on (RRT) : 29 Sep 2023 15:21
Sample Type : SERUM

Dr Shruti MD (Path)

Dr Sumanta Basak, DPB

SURANA CHARITABLE TRUST
Labcode : 2909074595/AJ392
Barcode : BD729151

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NAME : JAY S MEHTA (34Y/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	5.5	%

Bio. Ref. Interval. :

Bio. Ref. Interval.: 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
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7.0% - 8% : Unsatisfactory Control
>8% : Poor Control

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

AVERAGE BLOOD GLUCOSE (ABG) CALCULATED 111 mg/dL

Bio. Ref. Interval. :

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) : 29 Sep 2023 09:46
Sample Received on (SRT) : 29 Sep 2023 16:54
Report Released on (RRT) : 29 Sep 2023 17:44

Shruti

Sumanta

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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**
Email: info@suranasethiahospital.in Web. : www.suranasethiahospital.com

Dr Shruti MD (Path)

Dr Sumanta Basak, DPB



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PEH-2018-0537



**SURANA SETHIA HOSPITAL
AND RESEARCH CENTRE
CHARITABLE**

Chembur | Malad | Bhiwandi | Navi Mumbai

NAME	: MR. JAY MEHTA	SEX	: MALE
AGE	: 34 YRS	ID NO.	: 1135217
REF BY	: C/O. BANK OF BARODA	DATE	: 29/09/2023

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 = 6 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 = 35 mm of Hg.

Measurements:

	Measurement	Unit
Aorta		
LA	37	mm
AO	28	mm
ACS	19	mm
Mitral Valve Study		
Excursion D-E		mm
EF slop		mm/s
EPSS	5	mm

	Measurement	Unit
LV study		
IVsd	10	mm
LVIDd	35	mm
LVPWD	12	mm
IVSs	17	mm
LVIDs	17	mm
LVPWa	18	mm
EF %	60	%
% FS		%

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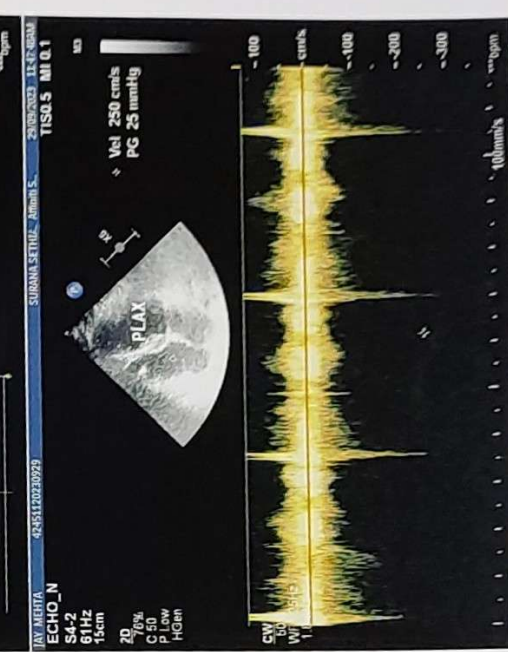
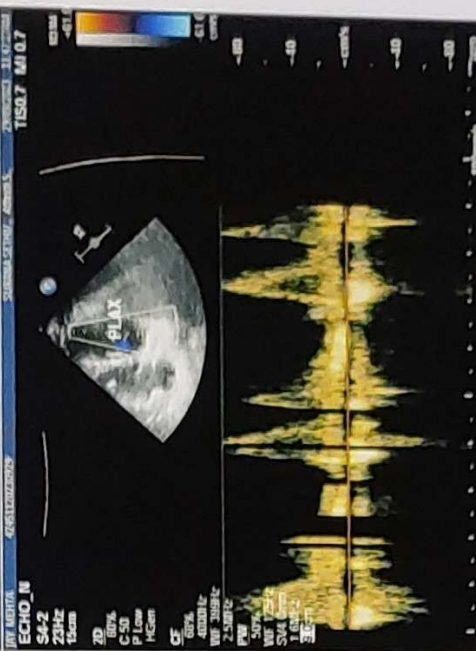
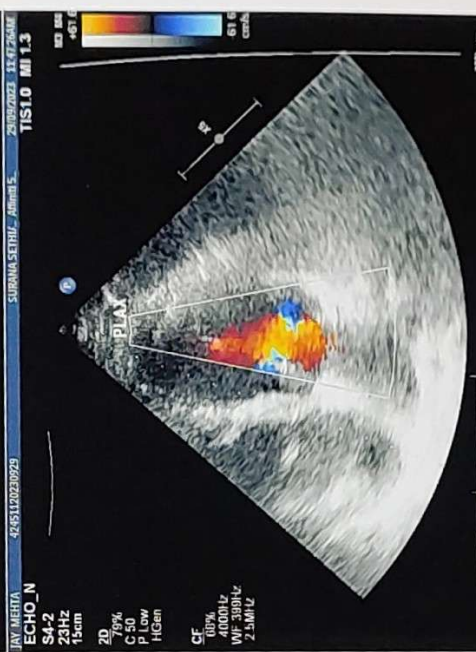
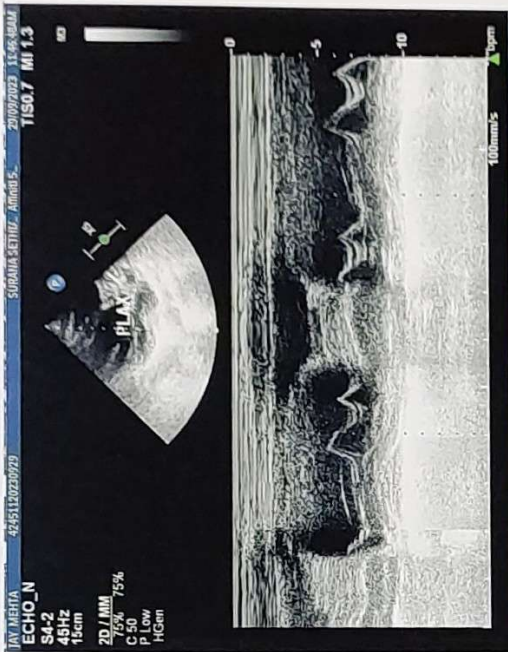
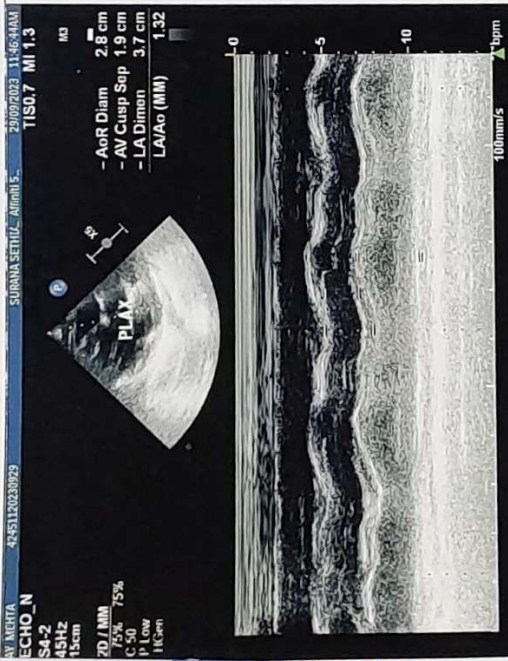
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ULTRASONOGRAPHY OF ABDOMEN AND PELVIS

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 appears 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 10.2 x 3.8 cm.

Left kidney measures 9.6 x 4.8 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. No focal mass lesion is seen. Prostatic capsule is intact.

IMPRESSION:

- No significant abnormality is detected.

DR. KETAN KALASKAR
M.D.
Consultant Radiologist
KRG

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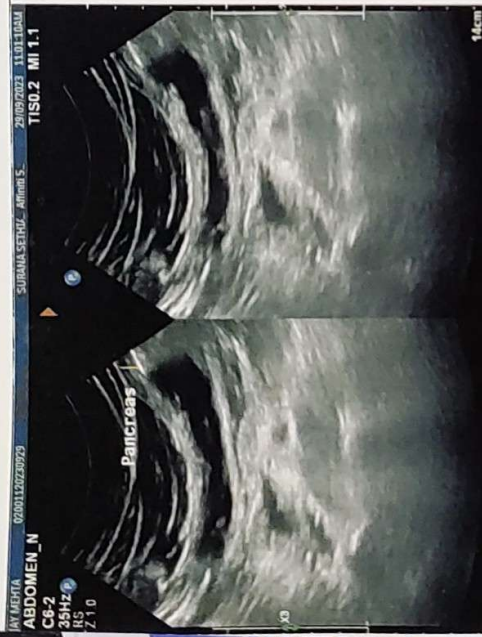
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X-RAY CHEST PA VIEW

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
KKRG

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MR. Jay Mehta

Age :-

BP :- 120/80 mmHg

P :- 85/min

QRS	80 ms
QT/QTcBaz	358 / 428 ms
PR	114 ms
P	92 ms
RR/PP	694 / 697 ms
P/QRS/T	69 / 56 / 14 degrees

Normal sinus rhythm
Minimal voltage criteria for LVH, may be normal variant
Borderline ECG

