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Rajasthani Blagnostic & Medical Research Centre Jhunjhunu

D.J.C. No. 17/17/12 ISO: 15189:2012



## I DIAGNOSTIC & MRI CE

#### FULLY COMPUTERISED PATHOLOGY LABORATORY

MRI

CT SCAN

SONOGRAPHY

X-RAY

ECG

MAMOGRAPHY

NABL CERTIFICATE NO. MC-5346

### **Hematology Analysis Report**

First Name: ASHOK

Last Name:

Gender: Female

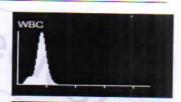
Sample Type: Department: Med Rec. No.:

Sample ID: 12

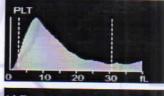
Test Time: 24/11/2023 12:42

Diagnosis:

| Age:      | Wied Nec. No |             | Dia     |  |
|-----------|--------------|-------------|---------|--|
| Parameter | Result       | Ref. Range  | Unit    |  |
| 1 WBC     | 5.93         | 4.00-10.00  | 10^3/uL |  |
| 2 Neu%    | 53.5         | 50.0-70.0   | %       |  |
| 3 Lym%    | 37.1         | 20.0-40.0   | %       |  |
| 4 Mon%    | 5.1          | 3.0-12.0    | %       |  |
| 5 Eos%    | 3.8          | 0.5-5.0     | %       |  |
| 6 Bas%    | 0.5          | 0.0-1.0     | %       |  |
| 7 Neu#    | 3.17         | 2.00-7.00   | 10^3/uL |  |
| 8 Lym#    | 2.20         | 0.80-4.00   | 10^3/uL |  |
| 9 Mon#    | 0.30         | 0.12-1.20   | 10^3/uL |  |
| 10 Eos#   | 0.23         | 0.02-0.50   | 10^3/uL |  |
| 11 Bas#   | 0.03         | 0.00-0.10   | 10^3/uL |  |
| 12 RBC    | 4.44         | 3.50-5.50   | 10^6/uL |  |
| 13 HGB    | 13.1         | 11.0-16.0   | g/dL    |  |
| 14 HCT    | 35.2 L       | 37.0-54.0   | %       |  |
| 15 MCV    | 79.3 L       | 80.0-100.0  | fL      |  |
| 16 MCH    | 29.4         | 27.0-34.0   | pg      |  |
| 17 MCHC   | 37.1 H       | 32.0-36.0   | g/dL    |  |
| 18 RDW-CV | 12.7         | 11.0-16.0   | %       |  |
| 19 RDW-SD | 40.8         | 35.0-56.0   | fL      |  |
| 20 PLT    | 183          | 100-300     | 10^3/uL |  |
| 21 MPV    | 9.0          | 6.5-12.0    | fL      |  |
| 22 PDW    | 11.6         | 9.0-17.0    | Y       |  |
| 23 PCT    | 0.165        | 0.108-0.282 | %       |  |
| 24 P-LCR  | 30.8         | 11.0-45.0   | %       |  |
| 25 P-LCC  | 56           | 30-90       | 10^3/uL |  |













#### Marita Khedeh

Dr. Mamta Khuteta M D. (Path.) RMC No : 4720/16260

Operator: admin Approver: Received Time: 24/11/2023 12:42 Validated Time: Praw Time: 24/11/2023 12:42 Remarks:

\*The Report is responsible for this sample only. If you have any questions, please contact us in 24 hours



Submitter:

Report Time:



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NABL CERTIFICATE NO MC-5346

Laboratory Report

Name : ASHOK

: MALE

Gender

Ref. By Dr : MEDI-WHEEL HEALTH CHECKUP

Sr. Number

: 75158

Invoice Date : 24-11-2023 02:52 PM

Patient ID No.: 145

Sample On: 24-11-2023 02:52 PM Report On: 25-11-2023 04:32 PM



HAEMATOLOGY

| Test Name                  | Observed Values | Reference Intervals | Units |
|----------------------------|-----------------|---------------------|-------|
| BLOOD GROUPING (ABO & Rh ) | AB+ Positive    | 100                 |       |

#### HbA1c(Glycosylated hemoglobin)

| Test Name                       | Observed Values | Reference Intervals  | Units  |
|---------------------------------|-----------------|--|--------|
| HbA1c(Glycosylated hemoglobin)  | 6.00            | < 6.50 Non-Diabetic 6.50 -<br>7.00 Very Good Control 7.10 -<br>8.00 Adeqate Control 8.10 -<br>9.00 Suboptimal Control 9.10 -<br>10.00 Diabetic Poor Control ><br>10.00 Very Poor Control | %      |
| eAG (Estimated Average Glucose) | 6.97            |  | mmol/L |
| eAG (Estimated Average Glucose) | 125.50          |  | mg/dL  |

Method : Fluorescence Immunoassay Technology

Sample Type : EDTA Blood

Test Performed by:-

Fully Automated (EM 200 ) ERBA MANNHEIM.

#### Remarks:

Gycosylated Hemoglobin Testing is Recommended for both (a) Checking Blood Sugar Control in People who might be Pre-Diabetic. (b) Monitoring Blood Sugar Control in patients in more elevated levels, termed Diabetes Mellitus. The American Diabetic Association suggests that the Glycosylated Hemoglobin Test be Performed atleast Two Times in Year in Patients with Diabetes that are meeting Treatement Goals (and That have stable glycemic Control) and Quarterly in Patients with Diabetes whos therapy has changed or that are

Glycosylated Hemoglobin measurement is not appropriate where there has been change in diet or Treatment within 6 Weeks. Hence people with recent Blood Loss, Hemolytic Aneamia, or Genetic Differences in the Hemoglobin Molecule (Hemoglobinopathy) such as Sickle-cell Disease and other Conditions, as well as those that have donated Blood recently, are not suitable for this Test.

Dr. Ashish Sethi Consultant Biochemist Martin Khuleta Dr.Mamta Khuteta M.D.(Path.) RMC No. 4720/

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This Report is NOT VALID FOR MEDICO LEGAL PURPOSE respossibility.
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B-110, Indra Nagar, Jhunjhunu (Raj.) Ph. No. 01592-294977

D.I.C. No. 17/17/12



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#### **BIO-CHEMISTRY**

| Test Name           | Observed Values | Reference Intervals | Units |
|---------------------|-----------------|---------------------|-------|
| Blood Sugar Fasting | 74.00           | 60110               | mg/dL |
| Blood Sugar PP      | 112.0           | 60 - 140            | mg/dL |

#### KIDNEY FUNCTION TEST

| Test Name  | Observed Values | Reference Intervals | Units |
|------------|-----------------|---------------------|-------|
| Blood Urea | 26.0            | 1345                | mg/dL |
| Creatinine | 0.89            | 0.41.4              | mg/dL |
| Calcium    | 9.60            | 8.511               | mg/dL |
| Uric Acid  | 4.90            | 2.47.2              | mg/dL |

Ashich sothi

Dr. Ashish Sethi Consultant Biochemist Martin Khuteta Dr.Mamta Khuteta M.D.(Path.) RMC No. 4720/1

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#### **BIO-CHEMISTRY**

#### **Liver Function Test**

| Test Name                                       | Observed Values | Reference Intervals | Units |
|---|-----------------|---------------------|-------|
| SGOT/AST(Tech.:-UV Kinetic)                     | 35.0            | 540                 | U/L   |
| SGPT/ALT(Tech.:-UV Kinetic)                     | 34.0            | 540                 | U/L   |
| Bilirubin(Total)(Tech.:-Jendrassik<br>Grof)     | 0.90            | 0.11.1              | mg/dL |
| Bilirubin(Direct)                               | 0.20            | 00.3                | mg/dL |
| Bilirubin(Indirect)                             | 0.70            | 0.11.0              | mg/dL |
| Total Protein(Tech.:-Biuret)                    | 7.20            | 68                  | gm/dL |
| Albumin(Tech.:-BCG)                             | 4.05            | 3.55                | gm/dL |
| Globulin(CALCULATION)                           | 3.15            | 2.54.5              | gm/dL |
| A/G Ratio(Tech.:-Calculated)                    | 1.29            | 1.2 2.5             |       |
| Alkaline Phosphatase(Tech.:-Pnp<br>Amp Kinetic) | 188.0           | 108-306             | U/L   |

#### LIPID PROFILE COMPLETE

| Test Name               | Name of the last o | Observed Values | Reference Intervals | Units |
|-------------------------|--|-----------------|---------------------|-------|
| Cholesterol             |  | 191.00          | 110-200             | mg/dL |
| HDL Cholesterol         |  | 52.00           | 3588                | mg/dL |
| Triglycerides           | /  | 163.00          | 40165               | mg/dL |
| LDL Cholesterol         | Н  | 106.40          | 0100                | mg/dL |
| VLDL Cholesterol        |  | 32.60           | 035                 | mg/dL |
| TC/HDL Cholestrol Ratio |  | 3.67            | 2.55                | Ratio |
| LDL/HDL Ratio           |  | 2.05            | 1.53.5              | Ratio |

#### LIPID PROFILE COMMENTS:

All above biological reference interval/sranges are in accordance to the recommendatons of The Natonal Cholesterol

Hanish settre

Dr. Ashish Sethi Consultant Biochemist

Martin Khuleta Dr.Mamta Khuteta M.D.(Path.) RMC No. 4720/

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Dana O/E

D.J.C. No. 17/17/12



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**Laboratory Report** 

: ASHOK Name

: MALE Gender

Ref. By Dr : MEDI-WHEEL HEALTH CHECKUP

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Educaton Program(N CEP) Adult Treatment Panel III

(ATP III) Guidelines providing the most desirable targets of various circulating lipid fractions in the bl.ood

Lipid level assessments must be made followin9g to 12 hours of fastn,g otherwise assay results might lead to erroneous

NCEP recommends the assessment of3 diferent samples drawn at intervals o1f w eek for harmonizing biological variables that might be encountered in single assays

Therapeutc target levels of lipids as per NCEP - ATP III recommendation:s

Total Cholesterol (mg/dL) <200 - Desirable 200-239 -Borderline high <240 - High

HDL Cholesterol(mg/dL), <40 - Low >60 - High

LDL Cholesterol(mg/dL) <100 Optmal

[ Primary Target of Therapy] 100-129 Near optmal/above optmal

130-159 Borderline high

160-189 High

>190 Very high

Serum Triglycerides (mg/dL) <150 Normal

150-199 Borderline high

200-499 High

>500 Very high

NCEP recommends lowering of LDL Cholesterol as the primary therapeutc target with lipid lowering age, nhtoswever, if triglycerides remain> 200 mg/dL afer LDL goal is

reached, set secondary goal for non-HDL cholesterol (tota I minus HDL) 30 mg/dL higher than LDL goal.

Comparison of LDL Cholesterol and Non-HDL Cholesterol Goals for Three Risk Categories

Risk Category LDL Goal (mg/dL) Non-HDL Goal (mg/dL)

CHD and CHD Risk Equivalent <100 <130

(10-year risk for CHD >20%)

Multple (2+) Risk Factors and <130 <160

10-year risk <20%

0-1 Risk Factor <160 <190

Low HDL levels are an independent risk factor for occurrence of coronary artery disease

When Triglyceride level is > 400 mg/dL, Friedewald Equaton is not applicable for calculaton of LD&L VLDL. Hence the calculated values are not provided for such samples.

Dr. Ashish Sethi Consultant Biochemist

RMC No. 4720/

Marita Khuleta Dr.Mamta Khuteta

M.D.(Path.)

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#### URINE EXAMINATION

#### URINE COMPLETE

| Test Name                 | Observed Values | Reference Intervals | Units   |
|---------------------------|-----------------|---------------------|---------|
| PHYSICAL                  | /               | 7 7 1               |         |
| Quantity                  | 15              | 1 20                | ml      |
| Colour                    | Pale Yellow     | 0 / /               | CAT.    |
| Appearance / Transparency | Clear           | 11 / 30             | 1       |
| Specific Gravity          | 1.015           | 1 7                 |         |
| PH                        | 6.00            | 4.56.5              |         |
| CHEMICAL                  |                 | /                   |         |
| Reaction                  | Acidic          |                     |         |
| Albumin                   | TRACE           | 1 1 -               |         |
| Urine Sugar               | Nil             |                     |         |
| MICROSCOPIC               |                 |                     | 1/      |
| Red Blood Cells           | Nil             | 10                  | /h.p.f. |
| Pus Cells                 | 2-3             | 1 / 30              | /h.p.f. |
| Epithelial Cells          | 2-3             |                     | /h.p.f. |
| Crystals                  | Nil             | 1.00                | /h.p.f. |
| Casts                     | Nil             | 0 /                 | /h.p.f. |
| Bactria                   | Nil             | 41                  | /h.p.f. |
| Others                    | Nil             | IN /                | /h.p.f. |
| Test Name                 | Observed Values | Reference Intervals | Units   |

| Test Name           | Observed Values | Reference Intervals | Units |
|---------------------|-----------------|---------------------|-------|
| URINE SUGAR FASTING | Nil             |                     |       |
| URINE SUGAR PP      | Nil             |                     |       |

**END OF REPORT** 

Dr. Ashish Sethi Consultant Biochemist

Martin Khuleta Dr.Mamta Khuteta

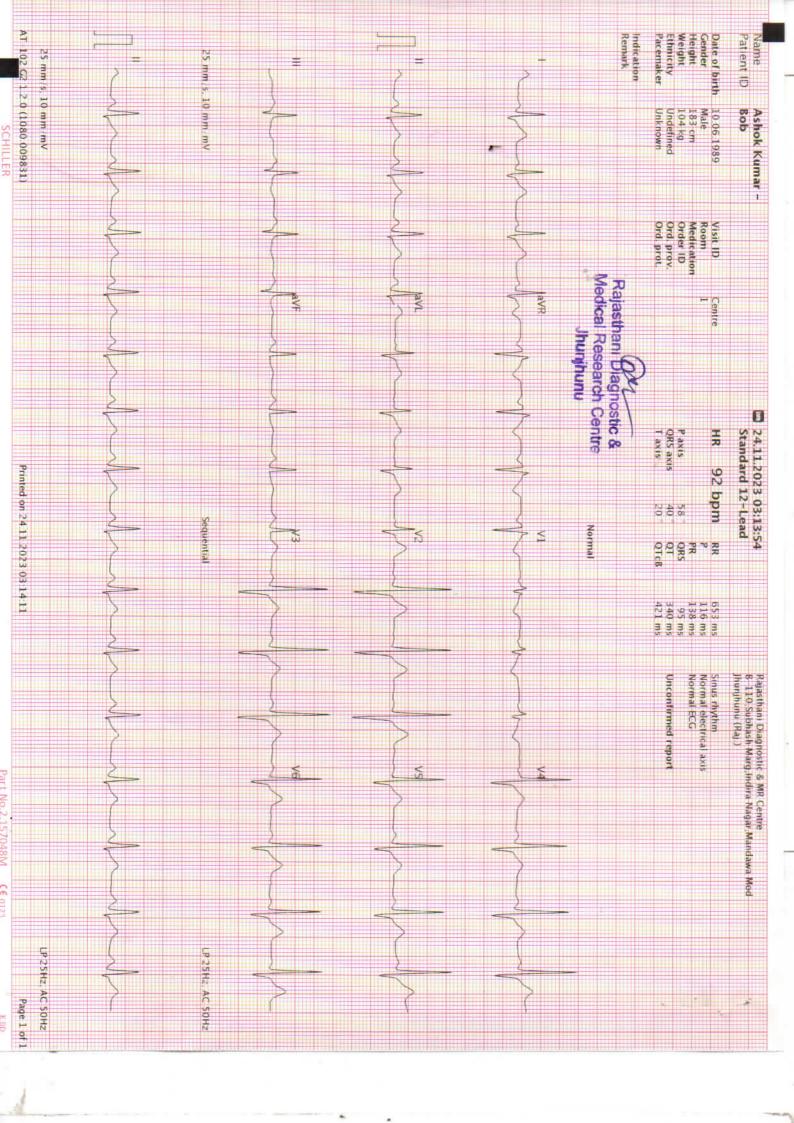
M.D.(Path.)

RMC No. 4720

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NABL CERTIFICATE NO. MC-5346

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**MAMOGRAPHY** 

NAME : ASHOK KUMAR

AGE 34 /SEX M

REF.BY :BOB HEALTH CHECK UP

DATE: 24.11.2023

#### X-RAY CHEST PA

- Both lung fields appear normal in under view
- No e/o consolidation or cavitations is seen.
- Both costo-phrenic angles appear clear.
- Cardiac size is within normal limits.
- · Both domes of diaphragm appear normal.
- Bony thoracic cage & soft tissue shadow appear normal.

IMPRESSION :- NORMAL X-RAY CHEST (PA)

DR. ANUSHA MAHALAWAT

MD (RADIODIAGNOSIS)

RMC -38742/25457

Dr. Anusha Mahalawat MD (Radiodiagnosis ) (RMC. 38742/25457 )





Reg. No.: 51/PNDT/CMHO/JJN/2020



### RAJASTHANI DIAGNOSTIC & MRI CENTRE

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ECG

MAMOGRAPHY

| NAME    | ASHOK KUMAR         | AGE- | SEX: M    |
|---------|---------------------|------|-----------|
| REF/BY: | BOB HEALTH CHECK-UP | DATE | 24-Nov-23 |

#### ULTRASONOGRAPHY WHOLE ABDOMEN

<u>Liver</u>: is normal in size, shape and mild bright echotexture. No IHBR dilatation is seen. No focal mass seen. Portal vein and hepatic veins are normal in diameter. Common bile duct is normal in diameter and lumen is clear.

<u>Gall bladder</u>: is normal in size shape, location with echo free lumen. Wall thickness is normal. No echogenic shadow suggestive of calculus is seen. No focal mass or lesion is seen. <u>Pancreas</u>: is normal in size, shape and echotexture. No focal mass or lesion is detected. Pancreatic duct is not dilated.

Rt. Kidney: is normal in size, shape, position and echotexture. Corticomedullary differentiation is well maintained. No evidence of definite calculus /hydronephrosis is seen Lt. Kidney: is normal in size, shape, position and echotexture. Corticomedullary

differentiation is well maintained. No evidence of definite calculus/hydronephrosis is seen. <u>Spleen</u>: is normal in size, regular in shape and echo texture. No focal lesion is seen. Splenic vessels are normal.

<u>Urinary Bladder</u>: is well distended. Outline of bladder is regular. Wall thickness is normal. No focal mass is seen. No echogenic shadow suggestive of calculus is seen.

<u>Prostate:</u> is normal in size, regular in shape and outline. Capsule is intact.

No evidence of ascites is seen. No significant Lymphadenopathy is seen. No obvious bowel pathology is seen.

#### IMPRESSION:

Fatty liver grade 1

Advised: clinicopathological correlation

DR. UMMED SINGH RATHORE
MD RADIODIAGNOSIS

Or. Ummed Singh ID (Radiodiagnosis) (RMC.34498/24812)





#### CARE N CURE LABORATORIES AND INVITRO ALLERGY TESTING

68, Gangwal Park, Behind J. K. Lone Hospital, J. L. N. Marg, Jaipur - 302 004 (Raj.)

Mob.: +91-9001617333, 9001618333 • E-mail: help.cclabs@gmail.com • Website: www.cclabs.in



#### Patient Report

Name :-

Mr. ASHOK

Sex / Age :-

Male

Doctor :-

Client Name :-

MEDI WHEEL HEALTH CHECK UP

Sample Type :-Serum Patient ID / CCL No :-102340933

Sample Collected :- 25/11/2023 11:41:00

Sample Received on: 25-11-2023 11:41:16

Report Released on: 25-11-2023 15:40:11

| Sample Type . Setam   |        |        |   |
|---|--------|--------|---|
| TEST NAME   | VALUE  | UNIT   | REFERENCE RANGE   |
|   | TFT    |        |   |
| T3 (TOTAL TRIIODOTHYRONINE) (Tech.:- Chemiluminescence Immunoassay) | 132.00 | ng/dl  |   |
|   |        |        | 100 - 740 : 0-30 Days<br>105 - 207 : 1-12 Yrs.<br>86 - 192 : 13-20 Yrs.<br>70 - 204 : Adults                                    |
| T4 (TOTAL THYROXINE) (Tech.:- Chemiluminescence Immunoassay)        | 8.46   | ug/dl  | ,   |
|   |        |        | 11.80 - 22.60 < 1 Week<br>9.80 - 16.60 1-4 Wks.<br>5.50 - 12.10 : 2-12 Yrs.<br>5.50 - 11.10 : 13-20 Yrs.<br>4.60 - 12.50 Adults |
| TSH. (Ultra Sensitive)<br>(Tech.:- Chemiluminescence Immunoassay)   | 2.28   | uIU/ml |   |
|   |        |        | 0.52 - 16.00 : 1-30 Days<br>0.46 - 8.10 : 1 mnt - 5 Yrs.<br>0.35 - 5.50 : Adults  |

1. Remark - Total T3 and T4 values may also be altered in other conditions due to changes in serum proteins or binding sites Pregnancy, Drugs (Androgens, Estrogens, O C pills, Phenytoin) Nephrosis etc.

2. Remark - Decreased values of T3 (T4 and TSH normal) have minimal clinical significance and not recommended for diagnosis of hypothyroidism. Total T3 and T4 values may also be altered in other conditions due to changes in serum proteins or binding sites Pregnancy, Drugs (Androgens, Estrogens, O C pills, Phenytoin), Nephrosis etc. In such cases Free T3 and Free T4 give corrected values. 3.Total T3 may decrease by <25 percent in healthy older individuals.

3. Remark - TSH values may be transiently altered because of non-thyroidal illness like severe infections, liver disease, renal and heart failure, severe burns, trauma and surgery etc 2.Drugs that decrease TSH values e.g. L-dopa, Glucocorticoids Drugs that increase TSH values e.g. lodine, Lithium, and Amiodaron. Three common ways in which there may be inadequate amounts of the thyroid hormone for normal metabolism. Primary hypothyroidism, in which there is a raised TSH and a low T4 and low T3. This is due to failure of the thyroid gland, possibly due to autoantibody disease, possibly due to toxic stress or possibly due to iodine deficiency. The second, the most common cause of thyroid failure, occurs at the pituitary level. In this condition there is inadequate TSH produced from the pituitary and so one tends to see low or normal TSHs, low T4s and variable T3s. This condition is most common in many patients with chronic fatigue syndrome, where there is a general suppression of the hypothalamic-pituitary- adrenal axis. The third type of under-functioning is due to poor conversion of T4 to T3. This requires enzymes and co-factors, in particular selenium, zinc and iron. In this condition there are normal or possibly slightly raised levels of TSH, normal levels of T4 but low levels of T3. This requires micronutrients and also T3 to correct.



Sample Collection: 9001617333

End of Report

Technologist

DR.NIDA FAHMI M.D.S., (Path.) Reg.No.A-4048

DR. Mani Agarwal MD. (Path.) RMC No.5167/15233 DR. ASHISH SETHI Consultant Biochemist



Reporting: 9001618333



# MAHAVIR HOSPITAL Health & Hygiene



Tel.: 01592-232361 9680960962

D-15, Indira Nagar, Subhash Marg, JHUNJHUNU (Raj.)

MAHAVIR HOSPITAL

Name

:ASHOK KUMAR

Age/Sex

:34 Y/Male

Consultant

:M. S. MEEL

Father/Husband

:DARA SINGH

Reg. No.

:OutSide

Accession No.

:20231124032 :2301562724

BILL.NO

IPD/OPD status

Catagory

Bed No.

Date

:24/11/2023 3:58:38 PM

:OPD

#### TRANSTHORACIC ECHO-DOPPLER TEST REPORT

MITRAL VALVE-

Morphology AMI\_-Normal/Thickening/Calcification/Flutter/Restricted mobility/SAM/Doming.

PML-Normal/Thickening/Calcification/Prolapse/Fixed/Restricted Mobility/Flutter.

Doppler- Normal/Abnormal

Mitral E/A Velocity=77/73 (cm/sec).

Mitral Regurgitation

Absent/Trace/Mild/Moderate/Severe.

Mitral Stenosis

Absent/Present.

TRICUSPID VALVE-

Morphology -Normal/Atresia/Thickening/Calcification/Prolapse/Doming.

Doppler- Normal/Abnormal

Tricuspid Regurgitation

Absent/Trace/Mild/Moderate/Severe.

Tricuspid Stenosis

Absent/Present.

**PULMONARY VALVE-**

Morphology -Normal/Atresia/Thickening/Doming/Vegetation.

Doppler- Normal/Abnormal

Pulmonary Velocity = 79 (cm/sec)

**Pulmonary Regurgitation** 

Absent/Trace/Mild/Moderate/Severe.

**Pulmonary Stenosis** 

Absent/Present.

**AORTIC VALVE-**

Morphology -Normal/Thickening/Calcification/Flutter/Sclerosis/Doming.

No of Cusps- 1/2/3.

Doppler- Normal/Abnormal

Aortic Velocity = 106 (cm/sec)

Aortic Regurgitation

Absent/Trace/Mild/Moderate/Severe.

Aortic Stenosis

Absent/Present.

Aorta = 2.6 cm (2.0 - 3.7 cm)

Left Atrium = 4.5 cm (1.9 - 4.0 cm)

LV measurement

Diastole

Systole

IVS

0.7 cm (0.6-1.1cm)

0.9 cm

LVID

5.4 cm (3.7-5.6cm)

3.5 cm (2.2 - 4.0 cm)

LVPW

1.06 cm (0.6-1.1cm)

LV

Contraction Normal/Reduced.

Regional wall motion abnormality: Present/Absent.

Normal/Enlarged/Clear/Thrombus/Hypertrophy.

LANormal/Enlarged/Clear/Thrombus.

RANormal/Enlarged/Clear/Thrombus.

RVNormal/Enlarged/Clear/Thrombus.





## MAHAVIR HOSPITAL Health & Hygiene

D-15, Indira Nagar, Subhash Marg, JHUNJHUNU (Raj.)



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MAHAVIR HOSPITAL

#### COMMENTS & SUMMARY-

ECHO window-Good/Fair/Poor.

No regional wall motion abnormality seen, LVEF=55%.

Normal cardiac chamber dimensions seen.

Mild MR, trace TR, no PAH.

Normal systolic function.

Normal diastolic function.

No I/C clot/vegetation.

Intact IAS/IVS & No CoA, no pericardial effusion.

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