

4. LV Systolic Functions : Good LV Systolic Function
- Regional Wall Motion Abnormality: No RWMA
  - Visualised Portions of IVS and IAS appears intact.
  - There is no evidence of Pericardial Effusion / Mass / Clot.
3. Cardiac Valves: Morphology ( Stenosis / Regurgitant Areas)
- Pericardial Effusion : No Pericardial Effusion
  - Aortic Root is Normal Aortic Valve is Normal in Morphology. Aortic Valve has 3 Leaflets with Central Closure Line. AV shows adequate systolic opening. There is No regurgitation across Aortic Valve.
  - Mitral Valve is normal in mobility and thickness. There is no Mitral Annular Calcification. There is No regurgitation across Mitral Valve.
  - Tricuspid Valve is normal in mobility and thickness. There is No regurgitations across Tricuspid Valve.
  - Pulmonic Valve is well visualised and is normal in morphology.
2. Pericardium :
- Right Atrium is Normal in Dimensions.
  - Left Atrium is Normal in Dimensions
  - Right Ventricle is Normal in Dimensions
  - Left Ventricle is Normal in Dimensions
1. Cardiac Chambers :
- Atrio-Ventricular and Ventriculo-Arterial Concordance. Great Vessel Relationship is normal.
  - Echocardiogram reveals Four chambered Heart.
  - Visceral and Cardiac Situs Solitus.
- Average Acoustic Window.

Observation : 2 D Chambers , Cardiac Valves & Pericardium

| M-Mode Measurements :                | Quantification by Echocardiography in Adults: JASE 2015) |                                  |
|--------------------------------------|--|----------------------------------|
| Aortic Root Diam.(ed)                | 31.3mm   | 26-39mm                          |
| AORTIC VALVE                         | 21 mm  | 15-36 mm                         |
| Cusp Separation                      | Central  | Central                          |
| Left Atrium                          | 39.2mm   | 30-40mm(men)<br>27-38mm(women)   |
| Right Ventricle mid diameter (ID-ed) | 23.8mm   | 19-35mm                          |
| Left Ventricle                       | 11.0mm   | 6-10mm                           |
| Left Ventricle                       | 11.0mm   | 6-10mm                           |
| Posterior Wall - end Diastole        | 44.5mm   | 42-58mm (Men)<br>38-52mm (women) |
| Left Ventricle                       | 30.0mm   | 25-40mm (Men)<br>22-35mm(women)  |
| End Diastole                         | 61%  | 52-72%(men)<br>54-74%(women)     |
| 2D EF %                              |  |                                  |

VALUES OBSERVED in MIM  
NORMAL REFERENCE RANGE

Name :Shri SURESH KUMAR SHARMA

Referred By : BANK OF BARODA.

Age : 59

Gender : Male

Date 23-Nov-22

## 2 D & M Mode Echocardiography and Colour Flow Doppler Report

फोन: 0755-2465288, 0755-3520545 फॉ: 9826340190

E-7/636, पंजाब थ्रॉपल बँक के पास, मंग रोड, अरुण कॉलोनी थ्रॉपल ( म.प. )

# हिंताकर डायग्नोस्टिक सेंटर



PTO

Right Kidney is normal in size, shape and position. Corticomedullary differentiation (CMD) is well maintained. Normal cortical thickness is noted. No E/O hydronephrosis or calculus is noted.

Pancreas appear normal in size, shape and echo texture with smooth contour. No peripancreatic pathology seen. (Not seen due to gases) Spleen is normal / enlarged in size and normal in echo texture. IVC and aorta appear to be normal. No evidence of lymphadenopathy is noted. No evidence of free fluid is noted.

Gall Bladder is physiologically well distended / collapsed. No E/O echogenic foci in GB lumen. GB wall is normal / thickened. No E/O pericholecystic collection. common duct reveals normal course and caliber.

Liver appears normal / enlarged in size and shape with smooth in outline. Normal / increased parenchymal echogenicity is noted. No E/O focal lesion / IHBR dilatation is seen. Hepatic veins and portal veins appear normal. *gr I fatty liver* No E/O Subdiaphragmatic Collection.

### WHOLE ABDOMEN ULTRASOUND REPORT

Indication :

Name : Mrs. *Sureek Kumar Sharma* R/B *Health Check-up*  
Age : *60 / male* No. *04.11.2022*  
Date



**श्री. सविता हॉस्पिटल**  
34, भूतल, महिला अस्पताल आर्कड, शाहपुरा मस्जिद के पास  
भरत नगर रोड, ई-7/194, अरसा कॉलोनी, भीपाल - 462038  
Mob. : 8989649694, 9516333619  
Clinic Registration : CL/5392/Jun/2017  
PNDT Registration : MPPCPNDT/BPL/2017/206





## 2 D & M Mode Echocardiography and Colour Flow Doppler Report

Name : Shri SURESH KUMAR SHARMA Referred By : BANK OF BARODA.  
 Age : 59 Gender : Male Date 23-Nov-22

| Valve           | Peak Velocity |      | Mean Velocity |      | Peak Gradient |      | Mean Gradient |      |
|-----------------|---------------|------|---------------|------|---------------|------|---------------|------|
|                 | cm/sec        | mmHg | cm/sec        | mmHg | cm/sec        | mmHg | cm/sec        | mmHg |
| Mitral Valve    | 65            | 90   | 49            | 1.67 | 0.95          |      |               |      |
| Aortic Valve    | 90            | 90   |               | 1.67 | 0.95          |      |               |      |
| Tricuspid Valve | 71            | 90   |               | 3.22 |               |      |               |      |
| Pulmonary Valve | 98            | 90   |               | 2.01 | 2.1           |      |               |      |

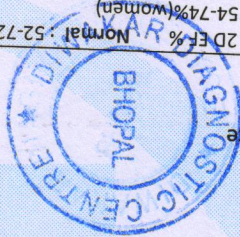
### Colour Doppler Assessment

| Regurgitant Area | Regurgitant Jet Area | Mitral Valve | Aortic Valve | Tricuspid Valve | Pulmonary Valve |
|------------------|----------------------|--------------|--------------|-----------------|-----------------|
| No MR            | No AR                | No TR        | No TR        | No TR           | -               |

### IMPRESSION: 2 D Echo and Colour Doppler Examination:

- Rhythm- Regular
- Mild Concentric LVH
- Left Ventricular Function : Good LV Systolic Function
- Regional Wall Motion Abnormality : No RWMA
- LVEF : 61%.
- Diastolic Relaxation: Impaired
- Diastolic Function: Diastolic Dysfunction Grade 1
- No Clot / No Vegetation / No Pericardial Effusion.

Dr Arvind Kumar  
 MBS, PGDC (Dip Clinical Cardiology)  
 Fellowship in Echocardiography  
 Non Invasive Clinical Cardiology Associate  
 Wednesday, November 23, 2022



Severity of pulmonary hypertension  
 (mPAP) RVSP/ PASP  
 Mild = 30-40mmHg  
 Moderate = 41-55mmHg  
 Severe = > 55mmHg

2D EF% Normal : 52-72%(men)  
 54-74%(women)  
 Good LV Systolic Function : EF 60 % & Above  
 Preserved LV Systolic Function : 50-60%  
 Mild LV Dysfunction : EF 40 - 50 %  
 Moderate LV Dysfunction : EF 30 - 40%  
 Severe LV Dysfunction : EF less than 30%

Disclaimer : This Cardiac Echo and Colour Doppler Examination has been done on advise of the referring Doctor. Investigations have their own limitations. Solitary Investigations never confirm the final diagnosis of a disease but is meant to assist the referring Doctor to have some information of the diseases process, if any. So this, report should not be taken as final diagnosis but should be correlated clinically with other investigations. Cardiac Catheterisation is advised for total evaluation, if clinically warranted.

**Left Kidney** is normal in size, shape and position. CMD is well maintained. Normal cortical thickness is noted. No E/O hydronephrosis or calculus is noted.

**Urinary Bladder** is well distended (physiological) / ~~collapsed~~. Its contents are echo free. No E/O bladder wall thickening is noted. Post-void residue is insignificant.

**Prostate** is normal in size, shape and echo texture with smooth outline. No E/O focal lesion is noted.

**Uterus** is ante / retro ~~verted~~ and normal in size, shape and echo texture with smooth outline. No E/O focal lesion is noted, endometrial echo appears normal. Cervical and vaginal shadows appear normal.

**Right Ovary** appears Enlarged / Normal in size, shape and echo texture.

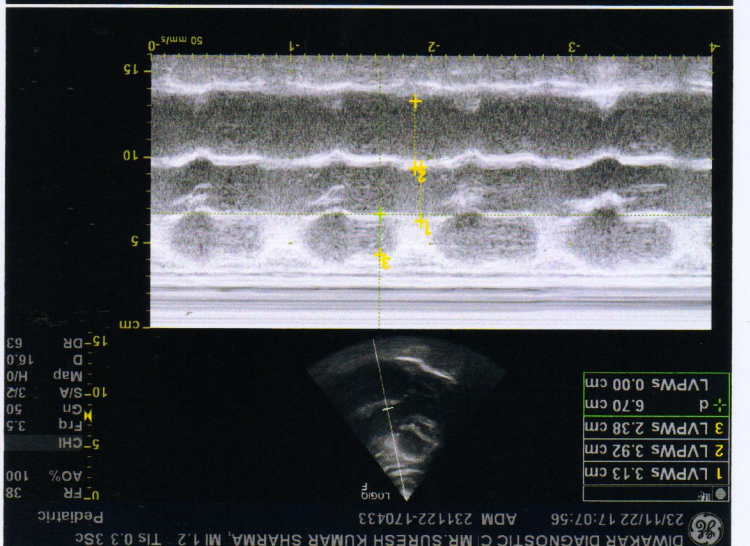
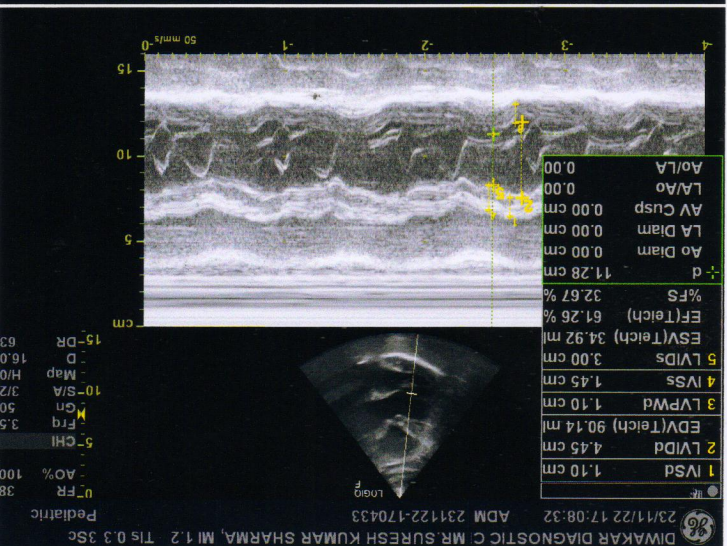
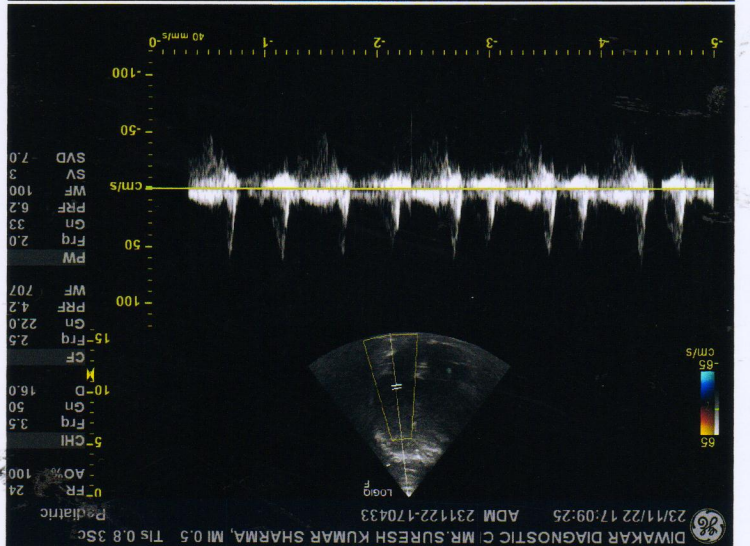
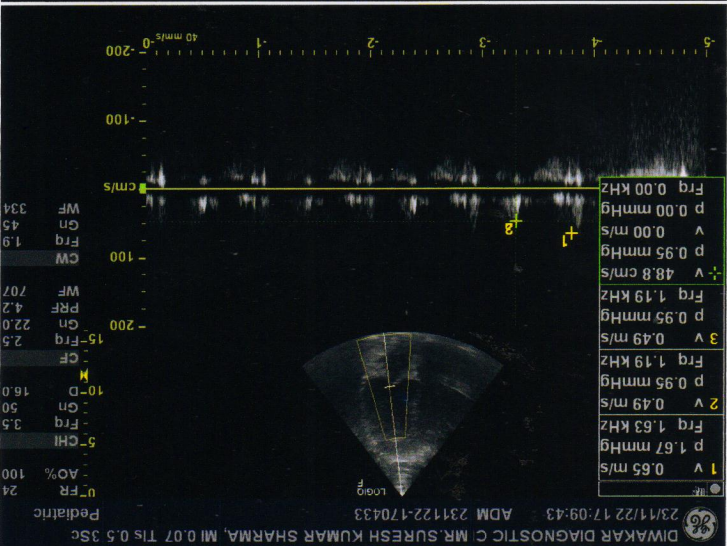
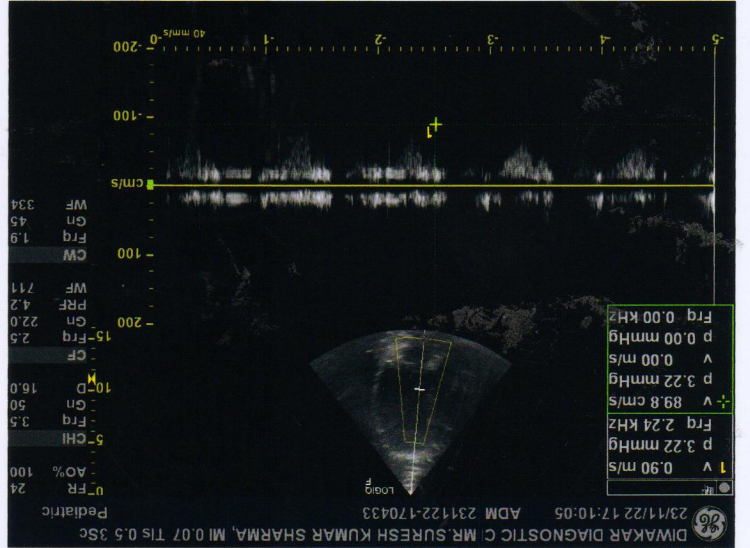
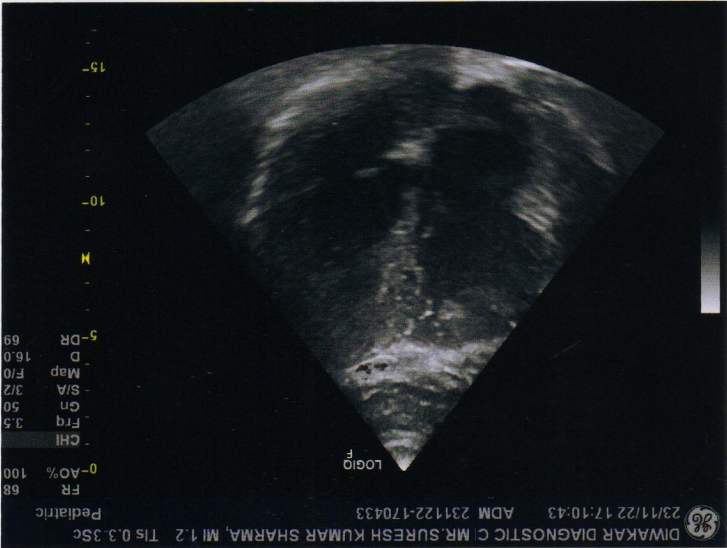
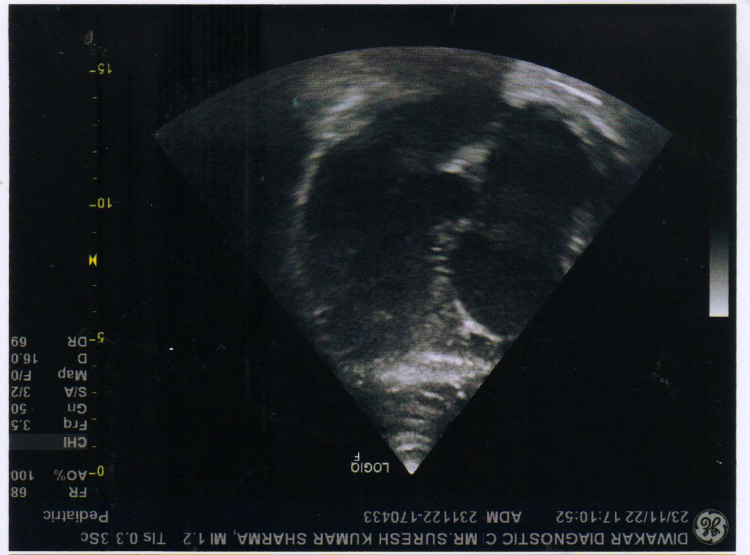
**Left Ovary** appears Enlarged / Normal in size, shape and echo texture.

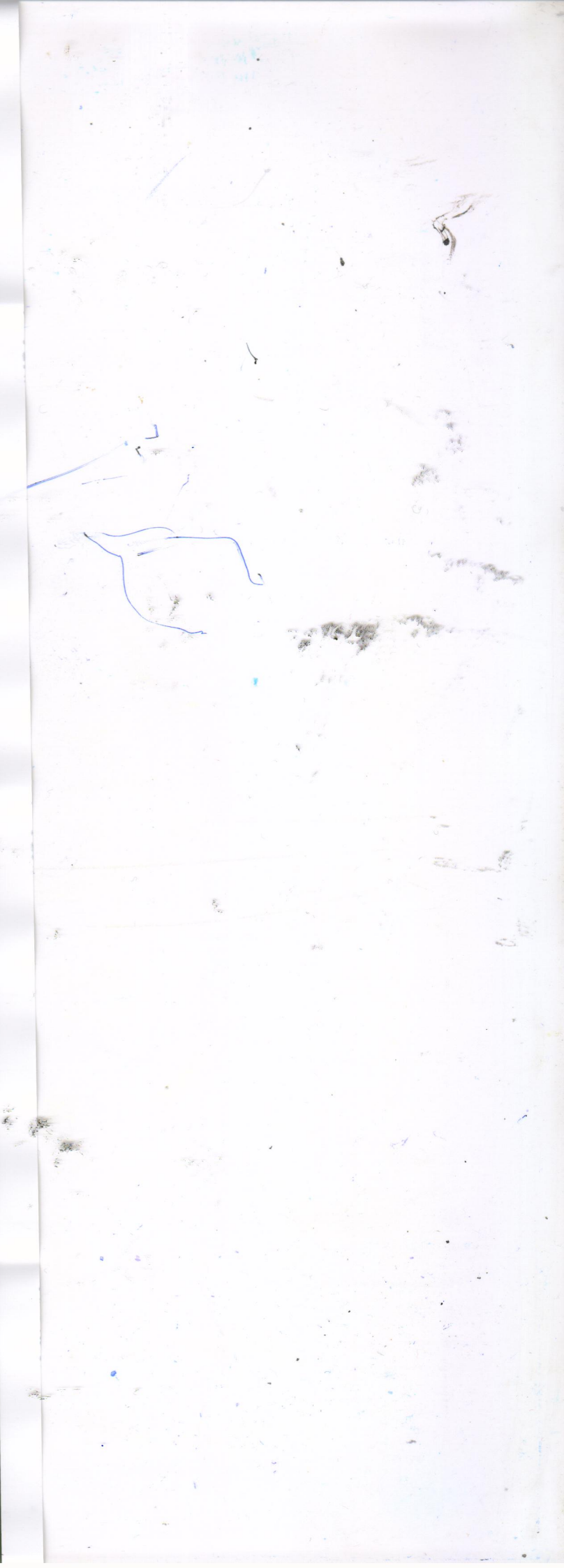
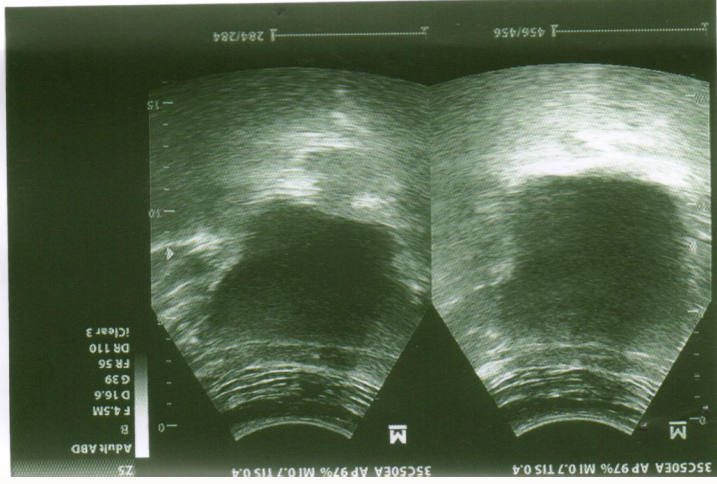
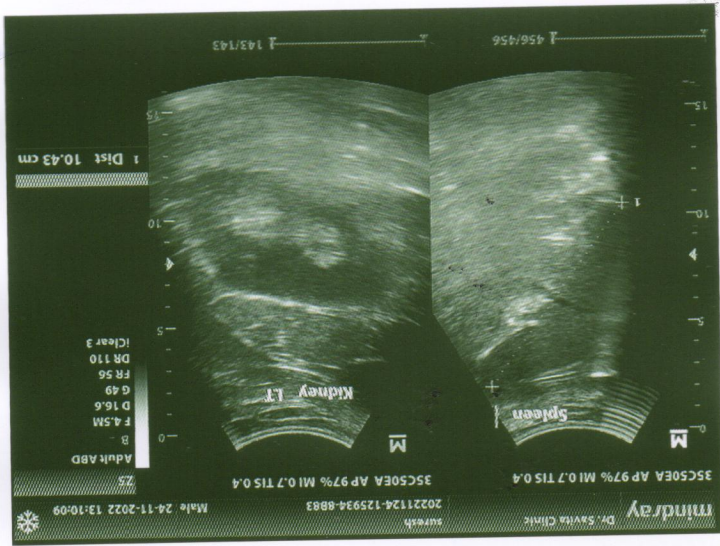
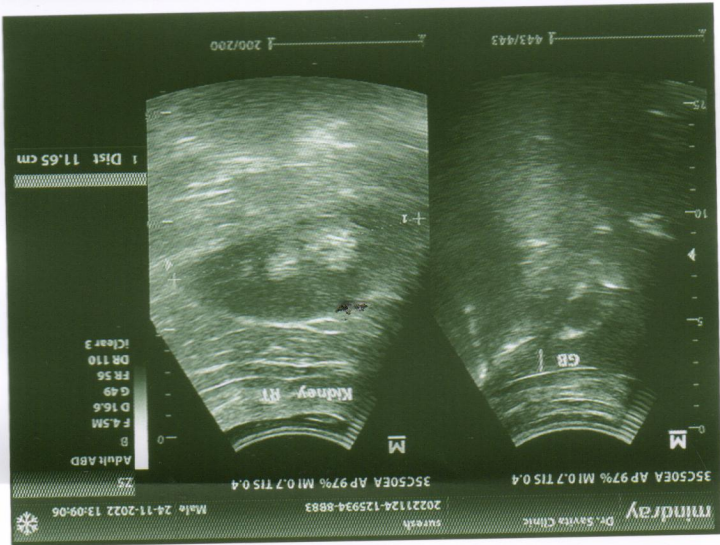
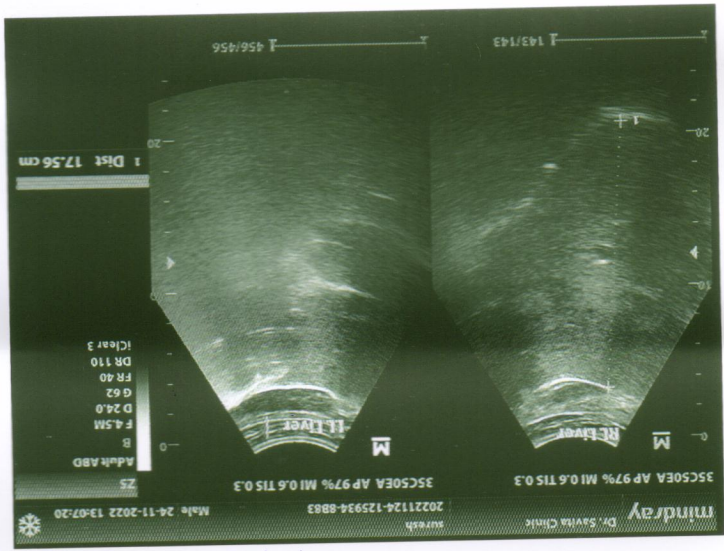
Impression : ~~Normal study.~~

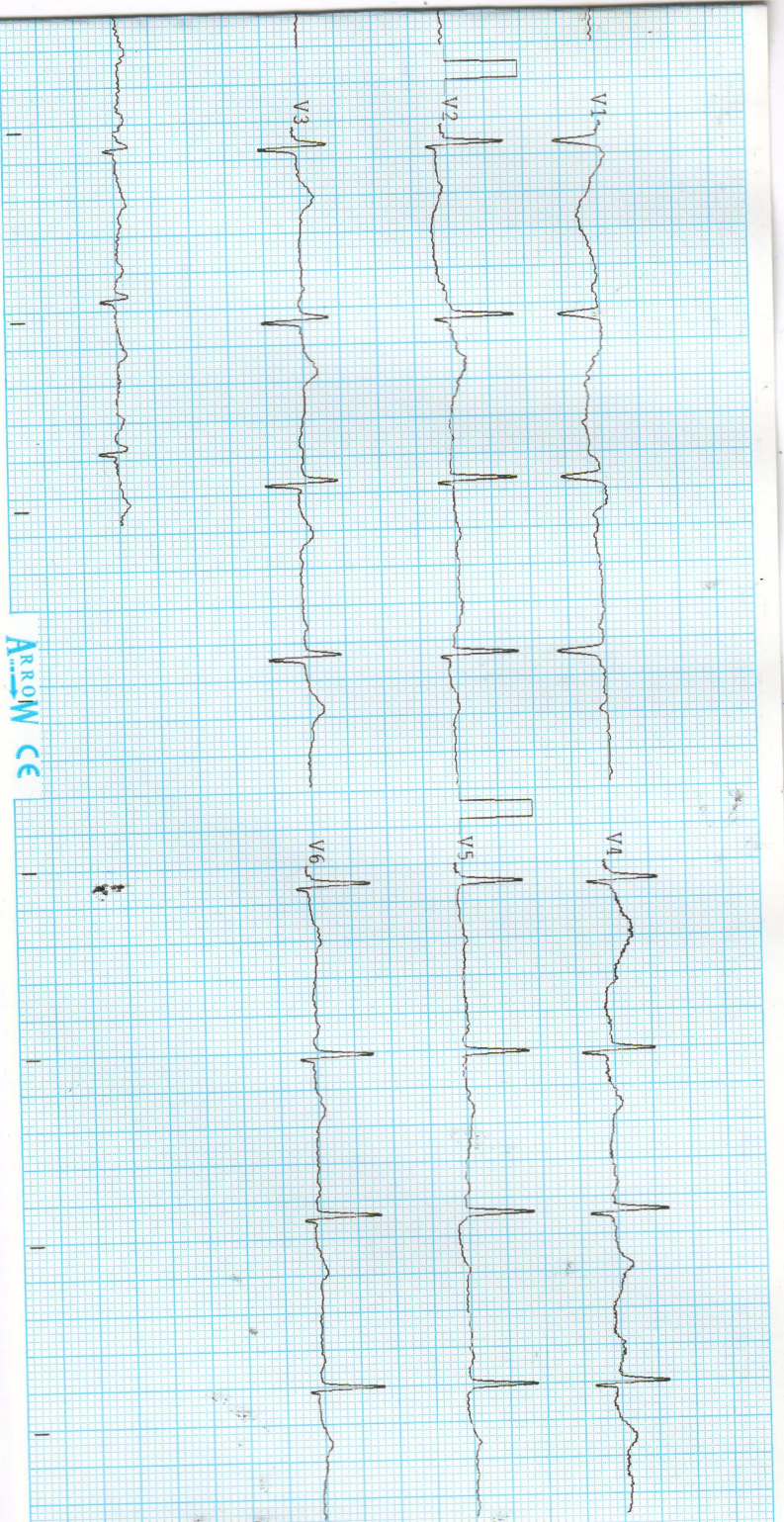
Grade I fatty liver

P. Sun

Advised clinical Correlation.







Arrow CE

Observations :-

HR :- 69 bpm  
 R-R :- 862 ms  
 P-R :- 080 ms  
 QRS :- 74 ms  
 QT/QTc :- 333/358 ms  
 P Axis :- 56°  
 R Axis :- 62°  
 T Axis :- 107°

Remarks :-

Unconfirmed report



A  
Patient Information

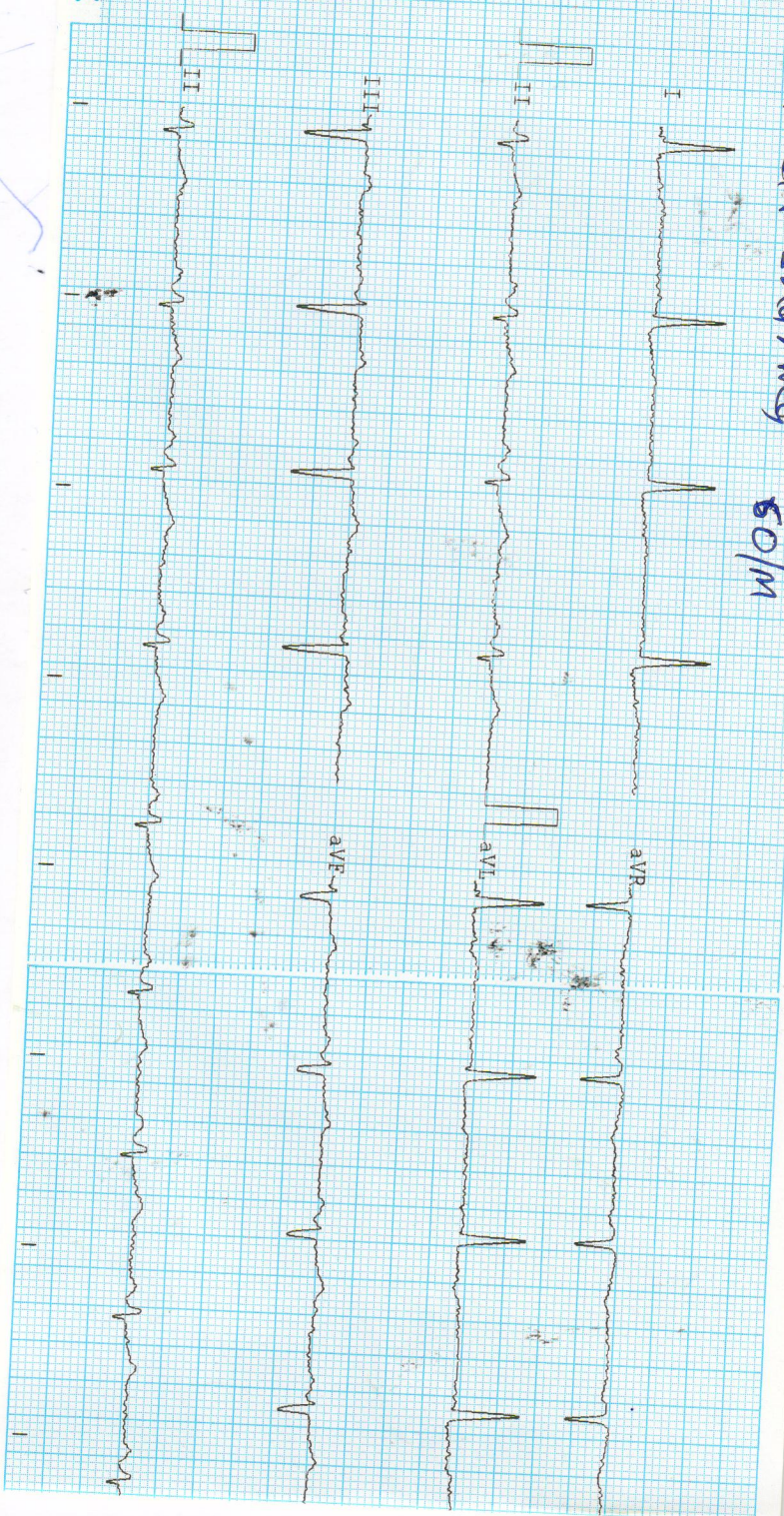
Mr. Suresh Kumar Sharma 50/M

ID:-  
Name:-  
Age Y/M:-  
Height:-  
BP:-  
Time/Date:-  
Gender:-  
Weight:-  
Smoker:-

ECG Settings

Printing Mode:- AUTO 3  
Gain:- 10 mm/mV  
Speed:- 25 mm/Sec  
Filter:- 35 Hz  
Notch:- ON  
Rhythm lead:- II

ALLENGERS PISCES-A-103 (Ver-2.09)  
ARROW CE

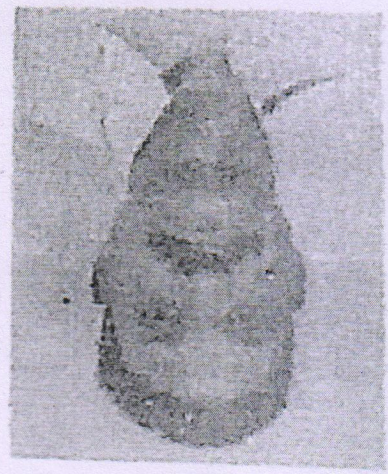
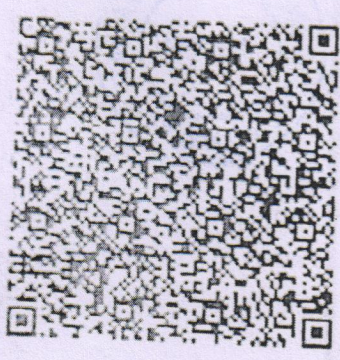






अभार - आर आरमी का आरकार

2157 4832 4716

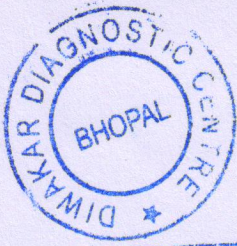


सुरेश कुमार शर्मा  
Suresh Kumar Sharma  
जन्म तिथि / DOB : 01/01/1963  
पुरुष / Male

Government of India

भारत सरकार





Pathologist  
M. Agrawal  
MBBS, DCP  
without Pathologist

| A. PHYSICAL EXAMINATION    |             |
|----------------------------|-------------|
| 1. Colour                  | Pale Yellow |
| 2. Appearance              | Clear       |
| 3. Specific Gravity        | Q.N.S.      |
| B. CHEMICAL EXAMINATION    |             |
| 1. Reaction                | Acidic      |
| 2. Albumin                 | Nil         |
| 3. Sugar                   | Nil         |
| 4. Bile Salts              | Absent      |
| C. MICROSCOPIC EXAMINATION |             |
| Pus Cells                  | 2-3/HPF     |
| R.B.C.                     | Nil         |
| Epithelial Cell            | 2-3/HPF     |
| Cast                       | Nil         |
| Crystals(Cal.Oxa)          | Nil         |
| Bacteria                   | Nil         |
| Amorphous                  | Nil         |
| T. Vaginitis               | Nil         |

### URINE ANALYSIS

Pt Name :- Mr. Suresh Kumar Sharma  
Age :- 59/M  
Lab. No. :- 08  
Date :- 23/11/2022

**डिवाकर डायग्नोस्टिक सेंटर**  
E-7/636, पंचाल चैतन्य बैंक के पास, फोन रोड, अरुण कॉलोनी भीमल (म.प.)  
फोन: 0755-2465288, 0755-3520545 फॉ: 9826340190





Pathologist  
M. Agarwal  
MBBS, DCP  
Siddhant Pathology

All test have technical limitation. Collaborative clinic pathological interpretation is mandatory. In case of disparity test may be repeated immediately. Typographical mistakes should be get correct instantly. This report is not valid for medico legal purpose

| TEST                            | RESULT       | NORMAL VALUE   |
|---------------------------------|--------------|--|
| Haemoglobin                     | 15.4gms%     | Female 12-16gms%, Male 14-18gms%   |
| Red Cell count                  | 5.01         | 4.5-5.6 million /cumm  |
| Platelet Count                  | 1.98         | 1.5-5.6 Lac/cumm   |
| Leucocytes per.cumm             | 6800/cumm    | 5000-11000/cumm  |
| Neutrophils                     | 63%          | 50-70%   |
| Lymphocytes                     | 26%          | 20-40%   |
| Eosinophils                     | 06%          | 0-7%   |
| Monocytes                       | 05%          | 2-8%   |
| PCV                             | 46.1         | 37-47  |
| MCV                             | 92.2         | 76-96  |
| MCH                             | 30.7         | 27-32  |
| MCHC                            | 33.4         | 31-35  |
| ESR                             | 09           | Male 0-9, Female 0-20mm/FHR  |
| Blood Group                     | "B" Positive | By slide method  |
| Total Serum Cholesterol         | 195.0        | 100-250 mg%  |
| Serum Triglyceride              | 160.0        | Up to 150 mg%  |
| Serum Cholesterol HDL           | 48.0         | Up to 65 mg%   |
| Serum Cholesterol LDL           | 115.0        | Up to 125 mg%  |
| VLDL                            | 32.0         | Up to 30 mg%   |
| S.Bilirubin(Total)              | 0.9          | 0.2-1.0mg/dl   |
| Direct                          | 0.5          | 0.0-0.25mg/dl  |
| Indirect                        | 0.4          |  |
| SGOT                            | 29.0         | 5-35U/L  |
| SGPT                            | 35.0         | 8-40U/L  |
| Alk Phosphatase                 | 10.9         | 3-13 KA units  |
| S. Protein(Total)               | 7.0          | 6.0-8.0mg%   |
| Albumin                         | 4.9          | 3.7-5.3mg%   |
| Globulin                        | 2.4          | 1.5 to 3.5 mg%   |
| Blood Urea                      | 22.0         | Up to 40 mg%   |
| S.Creatine                      | 0.98         | 0.5-1.4mg/dl   |
| S. Uric Acid                    | 6.0          | 3.5-7.5mg%   |
| GTP                             | 24.0         | 5-35 U/L/dl  |
| Fasting Blood Sugar             | 99.2         | Up to 110 mg%  |
| PP Blood Sugar                  | 129.0        | Up to 125 mg%  |
| Glycosylated Hemoglobin         | 5.8          | Below - 6.0 % - Non Diabetic control<br>6-7 % - Excellent control<br>Above- 8 % - Poor control |
| Thyrod Stimulating Hormone(TSH) | 3.0          | 0.27-4.2   |

EXAMINATION OF BLOOD

Pt Name :- Mr. Suresh Kumar Sharma  
Age :- 59/M  
Lab. No. :- 08  
Date :- 23/11/2022

**डिवाकर डायग्नोस्टिक सेंटर**  
E-7/636, पंजाब नगर बँक के पास, मंग रोड, अरुण कॉलोनी भापाल ( म.प्र. )  
फोन: 0755-2465288, 0755-3520545 फा: 9826340190

