

**Concept Diagnostics**

1615 / SMIT GOHEL / 37 Yrs / M / 167Cms. / 70Kgs. / Non Smoker  
Heart Rate : 83 bpm / Tested On : 13-Jan-24 12:24:58 / HF 0.05 Hz - LF 35 Hz / Notch 50 Hz / Sn 1.00 Cm/mV / Sw 25 mm/s

ECG



Normal

**DR. PARTH THAKKAR**  
MD (Med.) DNB (Cardiology)  
Intensivist / Interventional Cardiologist  
Reg. No. G - 32946

|                 |                |                |  |
|-----------------|----------------|----------------|--|
| <b>NAME</b>     | SMIT GOHEL     |                |  |
| <b>AGE/ SEX</b> | 37 yrs / M     | <b>DATE</b>    | 13.1.2024                                  |
| <b>REF. BY</b>  | Health Checkup | <b>DONE BY</b> | Dr. Parth Thakkar<br>Dr. Abhimanyu Kothari |

### 2D ECHO CARDIOGRAPHY & COLOR DOPPLER STUDY

#### FINDINGS:-

- Normal LV systolic function, LVEF=60%.
- No RWMA at rest.
- Normal LV Compliance.
- LV & LA are of normal size.
- RA & RV are of normal size.
- Intact IAS & IVS.
- All valves are structurally normal.
- No MR, No AR, No PR.
- Trivial TR, No PAH, RVSP=24mmHg.
- No Clots or vegetation.
- No evidence of pericardial effusion.
- IVC is normal in size and preserved respiratory variation.

### MEASUREMENTS:-

|              |            |         |         |
|--------------|------------|---------|---------|
| LVIDD        | 36 (mm)    | LA      | 22 (mm) |
| LVIDS        | 18 (mm)    | AO      | 27 (mm) |
| LVEF         | 60%        | AV cusp |         |
| IVSD / LVPWD | 10/10 (mm) | EPSS    |         |

### DOPPLER STUDY:-

| Valve     | Velocity (M/sec) | Max gradient (MmHg) | Mean gradient (Mm Hg) | Valve area Cm <sup>2</sup> |
|-----------|------------------|---------------------|-----------------------|----------------------------|
| Aortic    | 0.8              | 5                   |                       |                            |
| Mitral    | E:0.5<br>A:0.7   |                     |                       |                            |
| Pulmonary | 0.9              | 3.1                 |                       |                            |
| Tricuspid | 1.7              | 20                  |                       |                            |

### CONCLUSION:-

- Normal LV systolic function, LVEF=60%.
- No RWMA at rest.
- Normal LV Compliance.
- All valves are structurally normal.
- No MR, No AR, No PR.
- Trivial TR, No PAH, RVSP=24mmHg.
- Normal IVC.

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 MD (Med.) DrNB (Cardiology)  
 Interventional Cardiologist  
 G - 32946

**DR. PARTH THAKKAR**  
 MD (Med.), DrNB (Cardiology)  
 Interventional Cardiologist  
 7990179258

**DR. ABHIMANYU D. KOTHARI**  
 MD (Med.), DM (Cardiology)  
 Interventional Cardiologist  
 9714675115



|                              |            |          |            |
|------------------------------|------------|----------|------------|
| NAME :                       | SMIT GOHEL | DATE :   | 13.01.2024 |
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| REFERRED BY: health check up |            |          |            |

## X-RAY CHEST PA VIEW

- Both lung fields are clear.
- No evidence of consolidation or Koch's lesion seen.
- Heart size is within normal limit.
- Both CP angles are clear.
- Both dome of diaphragm appear normal.
- Bony thorax under vision appears normal.

  
Dr. KRUTI DAVE  
CONSULTANT RADIOLOGIST

|                              |            |          |            |
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**USG ABDOMEN**

**LIVER:** normal in size & shows normal in echotexture. No evidence of dilated IHBR. No evidence of focal or diffuse lesion. CBD & Portal vein appears normal.

**GALL-BLADDER:** normal, No evidence of Gall Bladder calculi.

**PANCREAS:** appears normal in size & echotexture, No evidence of peri-pancreatic fluid collection.

**SPLEEN:** normal in size & shows normal echogenicity.

**KIDNEYS:** Right kidney measures 92 x 44 mm. Left kidney measures 103 x 56 mm. Both kidneys appear normal in size & echotexture. No evidence of calculus or hydronephrosis on either side.

**URINARY**

**BLADDER:** appears normal and shows normal distension & normal wall thickness. No evidence of calculus or mass lesion.

**PROSTATE:** normal in size & echotexture.

No evidence of Ascites.

No evidence of significant lymphadenopathy.

**USG WITH HIGH FREQUENCY SOFT TISSUE PROBE:**

Visualized bowel loops appears normal in caliber. No evidence of focal or diffuse wall thickening. No collection in RIF.

**CONCLUSION:**

➤ No significant abnormality



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CONSULTANT RADIOLOGIST



