

# ADULT TRANS-THORACIC ECHO REPORT

**PATIENT NAME** : Mr Md Atiqur Rahaman Rusho  
**GENDER/AGE** : Male, 39 Years  
**LOCATION** : MOPD (R-2).

**PATIENT MRN** : 10010000975441  
**PROCEDURE DATE** : 28/07/2022 05:07 PM  
**REQUESTED BY** : Dr. Devi Prasad Shetty



**INDICATIONS** : CHEST PAIN  
**CLINICAL DIAGNOSIS** : CAD - DVD, HTN.  
**PREVIOUS ECHO REPORT** : LVEF - 55% (OUTSIDE REPORT).  
**VITAL PARAMETERS** : HR (BPM) :79, SR, BP (MMHG) : 187/112, SO2 (%) : 98

**IMPRESSION**

- DILATED LA
- RWMA PRESENT / NO LV THROMBUS
- SIGNIFICANT CONCENTRIC LVH
- NO SIGNIFICANT LV INTRACAVITARY OBSTRUCTION
- MR - MILD
- NORMAL PA PRESSURE
- NORMAL RV FUNCTION
- REDUCED LV FUNCTION
- LVEF - 45%

## FINDINGS

### CHAMBERS

**LEFT ATRIUM** : DILATED, AP DIAMETER(MM): 40  
**RIGHT ATRIUM** : NORMAL SIZED  
MINOR AXIS A4CV(MM) : 38  
**LEFT VENTRICLE** : NORMAL SIZED, SIGNIFICANT CONCENTRIC LVH, MILD LV DIASTOLIC DYSFUNCTION,  
INCREASED LV FILLING PRESSURE, REDUCED LV FUNCTION.  
LVIDD(MM) : 42 IVSD(MM) : 17 EDV(ML) : 81  
LVIDS(MM) : 29 LVPWD(MM) : 13 ESV(ML) : 30  
E/A RATIO : 0.5 E/E'(AVERAGE) : 17 LVEF(%) : 45  
**RIGHT VENTRICLE** : NORMAL SIZE AND THICKNESS WITH NORMAL FUNCTION  
MINOR AXIS A4CV(MM): 27, TAPSE(MM): 18  
**LVOT/RVOT** : LVOT PG - 3 MMHG / RVOT - NORMAL.  
**RWMA** : LV APEX THIN AND SEVERELY HYPOKINETIC / NO LV THROMBUS.

### VALVES

**MITRAL** : NORMAL, MR - MILD.  
**AORTIC** : NORMAL, PG - 5 MMHG.  
**TRICUSPID** : NORMAL, TR - TRIVIAL, TR PV - 2.2 M/S.  
**PULMONARY** : NORMAL, PG - 2 MMHG.

### SEPTAE

**IAS** : INTACT  
**IVS** : INTACT

