

|                   |                       |          |            |
|-------------------|-----------------------|----------|------------|
| Name:             | Raafad Ibrahim Rashid |          |            |
| Gender:           | Male                  |          |            |
| Age:              | 41 years              | File No: |            |
| Referring Doctor: | ER                    | Date:    | 06/03/2025 |

### Echocardiography

#### Report

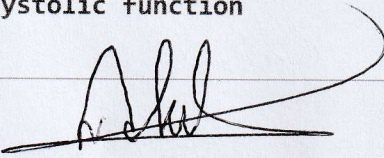
| Measurements (in mm) |    | Normal Values | Measurements (in mm)     |    | Normal Values |
|----------------------|----|---------------|--------------------------|----|---------------|
| IVSD                 | 8  | 6-11          | Aortic Root Dimension    | 28 | 30-37         |
| LA Dimension         | 27 | 19-40         | LVES Dimension           | 24 | 25-37         |
| LVED Dimension       | 43 | 37-56         | Posterior Wall Thickness | 9  | 6-9           |
| Ejection Fraction    | 60 | 54-74         | RV Dimension             | 18 | 9-26          |
| Description          |    |               |                          |    |               |

- \* Normal all cardiac chamber size.
- \* Normal all cardiac valves structure and function.
- \* LV: Normal in size and wall thickness, no regional wall motion abnormalities. preserved LV systolic function. EF =60%.
- \* normal LV diastolic function with normal LV filling pressure
- \* Normal RV size and function. TAPSE =17 mm.
- \* Dilated IVC size (21mm) and loss of respiratory collapsibility.
- \*Moderate circumferential pericardial effusion (1.8cm), with RA collapse in systole, but no RV collapse in diastole, and significant MV and TV inflow velocities variation (impending tamponade)

#### Conclusion

Moderate pericardial effusion (1.8cm) with impending tamponade, preserved LV systolic function

Regards,

Cardiologist:  Dr. Vahel Lutfalla