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

**Echocardiography**

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| **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 collapsibilty.**  **\*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,

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| Cardiologist: | Dr. Vahel Lutfalla |