

|                   |                          |          |                           |
|-------------------|--------------------------|----------|---------------------------|
| Name:             | Ibraheem Khalid Ibraheem |          |                           |
| Gender:           | male                     |          |                           |
| DOB:              | 1984                     | File No: |                           |
| Referring Doctor: | Self                     | Date:    | 6 <sup>th</sup> July 2023 |

### Echocardiography

#### Report

| Measurements (in mm) |    | Normal Values | Measurements (in mm)     |    | Normal Values |
|----------------------|----|---------------|--------------------------|----|---------------|
| IVSD                 | 12 | 6-11          | Aortic Root Dimension    | 36 | 30-37         |
| LA Dimension         | 34 | 19-40         | LVES Dimension           | 28 | 25-37         |
| LVED Dimension       | 41 | 37-56         | Posterior Wall Thickness | 11 | 6-9           |
| Ejection Fraction    | 65 | 57-75         | RV Dimension             | 23 | 9-26          |
| Description          |    |               |                          |    |               |

- \* Upper normal ascending aortic dimension (37mm).
- \* Normal other cardiac chamber size.
- \* Normal valve structure and function.
- \* Normal LV size, mild concentric LVH, with normal regional wall motion.
- \* Normal LV diastology and filling pressure. Average  $e' = 11\text{cm/sec}$ .
- \* Normal RV size and function. Intact IAS.
- \* No PE. Normal aortic arch.
- \* Normal IVC size and collapsibility.

#### Conclusion

Early changes of hypertensive heart disease. No evidence of resting ischemia. Normal valve function. Normal resting pressure and intra-cardiac hemodynamics.

Regards,

Cardiologist: Dr. Ahmed Adeeb