|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | |  |  | | PRINT DATE: | | | |
| Patient No: |  | | Hospital: | ECOLAND MEDICAL AND WELLNESS CENTER INC. | | Age: |  | Sex: |  |
| Patient Name: |  | | | | | Height: | cm | Weight: | kg |
| Date: |  | | Requesting Physician: | |  | | | BSA: | m2 |
| Reason for study/ Diagnosis: | |  | | | | | | | |

**ADULT ECHOCARDIOGRAPHY and COLOR FLOW DOPPLER**

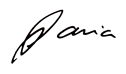
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2 DIMENSIONAL ECHO** | | | | | | | | | | | | | | | | | | | | | |
| **Parameter** | | | | **Normal Range**  **F/M** | | | **Parameter** | | | | | **Normal Range**  **F/M** | | **Parameter** | | | | | **Normal Range**  **F/M** | | |
| **LVEDD** | |  | |  | | | **LVEDV** | | |  | | 56-104 / 67-155 ml | | **LVOT** | | |  | | 1.8-2.4cm | | |
| **LVESD** | |  | |  | | | **LVESV** | | |  | | 12.979-49 / 22-58 ml | | **Ao Annulus** | | |  | | 1.4-2.6cm | | |
| **LVEDD/BSA** | |  | | 2.4-3.2 / 2.2-3.1 cm/m2 | | | **SV Bi-Plane** | | |  | | > 65 ml | | **MPA** | | |  | | 1.5-2.1 cm | | |
| **LVESD/BSA** | |  | | 1.4-2.1 cm/m2 | | | **C.O.** | | |  | | > 4.5 L/min | | **MV Annulus** | | |  | | 1.9-3.4 cm | | |
| **IVSD** | |  | | 0.6-0.9 / 0.6-1.0 cm | | | **CI** | | |  | | 2.5 L/min/m2 | | **TV Annulus** | | |  | | 1.3-2.8 cm | | |
| **IVSS** | |  | |  | | | **EF M-mode** | | |  | | > 55 % | | **PV Annulus** | | |  | | 1.7-2.3 cm | | |
| **PWD** | |  | | 0.6-0.9 / 0.6-1.0 cm | | | **EF Simpson’s** | | |  | | > 55 % | | **IVC Diameter** | | |  | | 1.5-2.5 cm | | |
| **PWS** | |  | |  | | | **FS** | | |  | | 27-45 % / 24-43 % | | **IVC Collapse** | | |  | | > 50 % | | |
| **LV Mass In** | |  | | 43-95 / 49-115 gm/m2 | | | **EPSS** | | |  | | < 0.7 cm | | **TAPSE** | | |  | | > 1.5 cm | | |
| **LV Rel. WT** | |  | | 0.22-0.42 / 0.24-0.42 cm | | | **LVET** | | |  | | 265-325 msec | | **Ao Diameter** | | |  | |  | | |
| **LA (AP)** | |  | | 2.7-3.8 / 3.0-4.0 cm | | | **RVD Mid** | | |  | | 2.7-3.3 cm | | **SOV** | | |  | |  | | |
| **LA/ BSA** | |  | | 1.5-2.3 cm/m2 | | | **RVD/ BSA** | | |  | |  | | **STJ** | | |  | |  | | |
| **LA Vol In.** | |  | | <28ml/cm2 | | | **RVWT** | | |  | | < 0.5 cm | | **Asc. Ao** | | |  | |  | | |
| **RA** | |  | | 2.9-4.5cm | | | **RVFAC** | | |  | | 32-60 % | | **LA/Ao** | | |  | |  | | |
| **RA/ BSA** | |  | | 1.7-2.5 cm/m2 | | | **RVOT** | | |  | | 2.5-2.9 cm | | **Ao/LA** | | |  | |  | | |
| **DOPPLER STUDY: HEMODYNAMICS** | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | **REGURGITATION** | | | | | | | | | | |
|  | | | **Velocity**  **m/sec** | | | **Peak Grad**  **mmHg** | | **Valve Area**  **(cm2)** | | | **VTI** | | **VC** | | **%** | | | **JET AREA**  **cm2** | | | **Gradient** |
| **LVOT/ AV** | | |  | | |  | |  | | |  | |  | |  | | |  | | |  |
| **Mitral Valve** | | |  | | |  | |  | | |  | |  | |  | | |  | | |  |
| **Tricuspid Valve** | | |  | | |  | |  | | |  | |  | |  | | |  | | |  |
| **RVOT/ PA** | | |  | | |  | |  | | |  | |  | |  | | |  | | |  |
| **RVAT** | | |  | | |  | |  | | |  | |  | |  | | |  | | |  |
| **LVSV Doppler** | | |  | | |  | |  | | |  | |  | |  | | |  | | |  |
| **DOPPLER STUDY: DIASTOLIC FUNCTION** | | | | | | | | | | | | | | | | | | | | | |
| **PULMONARY VENOUS VELOCITY** | | | | | | | **MITRAL INFLOW** | | | | | | | **MITRAL ANNULAR TDI (Diastolic)** | | | | | | | |
| **Systolic** |  | | | | **m/sec** | | **E wave DT** | |  | | | **m/sec** | | **Lateral E’** | |  | | | | **m/sec** | |
| **Diastolic** |  | | | | **m/sec** | | **IVRT** | |  | | | **m/sec** | | **A** | |  | | | | **m/sec** | |
| **S/D Ratio** |  | | | | **m/sec** | | **A wave dur** | |  | | | **m/sec** | | **Medial E’** | |  | | | | **m/sec** | |
| **Ar Velocity** |  | | | | **m/sec** | | **adur- Adur** | |  | | | **m/sec** | | **A** | |  | | | | **m/sec** | |
| **Ar Duration** |  | | | | **m/sec** | |  | |  | | |  | | **E/E’** | |  | | | |  | |

**FINDINGS:**

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|  |

**LEFT VENTRICLE - WALL MOTION ABNORMALITIES**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Four Chamber** | | **Two Chamber** | | **Long Axis** | |
| FC1. Apical Cap  FC2. Apical Infero Septum  FC3. Apical Antero LateraL  FC4. Mid Inferoseptum  FC5. Mid Antero Lateral  FC6. Basal Inferoseptum  FC7. Basal Anterolateral  FC. All Segments | | TC1. Apical Cap  TC2. Apical Inferior  TC3. Apical Anterior  TC4. Mid Inferior  TC5. Mid Anterior  TC6. Basal Inferior  TC7. Basal Anterior  **TC. All segments** | | LA1. Apical Cap  LA2. Apical Infero Lateral  LA3. Apical Septum  LA4. Mid InferoLateral  LA5. Mid Antero Septum  LA6. Basal Inferolateral  LA7. Basal Anteroseptum  LA. All Segments | |
| **Normal Contraction of the ff.** | **Hypokinesia of the ff:** | | **Akinesia of the ff:** | | **Dyskinesia of the ff:** |
|  |  | |  | |  |



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| **ARNOLD T. PASIA, MD, FPCP, FPCC, FPSE, FACC, FASE, FISCU** |
| Fellow Philippine College of Cardiology Fellow Philippine College of Physician Fellow-Philippine Society of Echocardiography Fellow-American Society of Echocardiography Fellow-International Society of Cardiovascular Ultrasound |