1. Date of Echocardiography (yyyy-mm-dd):
2. Left atrial antero-posterior dimension: cm: z-score**:**
3. Left atrial enlargement?:**[ ]** Present [ ]  Absent

Left atrium view:[ ]  M-Mode [ ]  Parasternal long axis

Left atrial dimension: cm2

Left atrial volume: ml

Left atrial area (measured from apical 4-chamber view): cm2

1. Left Ventricle Trabeculations?[ ]  Present [ ]  Absent

If present,

1. Are any of these more than 2:1? [ ]  Yes [ ]  No
2. Where were they positioned?

[ ]  Lateral [ ]  Apical [ ]  Septal [ ]  Free wall [ ]  Not specified

Table 1 Structure and Function valves (more than mild)

| Valve | Stenosis | Regurgitation | Comments |
| --- | --- | --- | --- |
| Tricuspid valve disease | [ ]  None[ ]  Mild[ ]  Moderate[ ]  Severe | [ ]  None[ ]  Mild[ ]  Moderate[ ]  Severe | Data to be entered by site |
| Mitral valve disease | [ ]  None[ ]  Mild[ ]  Moderate[ ]  Severe | [ ]  None[ ]  Mild[ ]  Moderate[ ]  Severe | Data to be entered by site |
| Aortic valve disease | [ ]  None[ ]  Mild[ ]  Moderate[ ]  Severe | [ ]  None[ ]  Mild[ ]  Moderate[ ]  Severe | Data to be entered by site |
| Pulmonic valve disease | [ ]  None[ ]  Mild[ ]  Moderate[ ]  Severe | [ ]  None[ ]  Mild[ ]  Moderate[ ]  Severe | Data to be entered by site |

1. Mitral valve prolapse? [ ]  Yes [ ]  No
2. Doppler:
3. Mitral E velocity: m/s
4. Mitral A velocity: m/s
5. Mitral annular E’ velocity: cm/s
6. Left ventricular hypertrophy: [ ]  Present [ ]  Absent
7. Left ventricular concentric remodeling (size normal): [ ]  Present [ ]  Absent
8. Right atrial enlargement?: [ ]  Present [ ]  Absent
9. Right ventricular enlargement: [ ]  Present [ ]  Absent
10. Right ventricular systolic dysfunction:[ ]  Present [ ]  Absent

Table 2 Ventricle Findings

| Findings | Left Ventricle | Right Ventricle |
| --- | --- | --- |
| Ejection Fraction (%) | Data to be entered by site | Data to be entered by site |
| Fractional Shortening (%) | Data to be entered by site | Data to be entered by site |
| Function | **[ ]**  Normal**[ ]**  Abnormal | **[ ]**  Normal**[ ]**  Abnormal |
| Wall motion abnormalities? | **[ ]**  \*Yes**[ ]**  No | **[ ]**  \*Yes**[ ]**  No |
| End Diastolic Internal Dimension | Data to be entered by site | Data to be entered by site |
| End Systolic Internal Dimension | Data to be entered by site | Data to be entered by site |
| End Diastolic Volume (mL) | Data to be entered by site | Data to be entered by site |
| End Diastolic Volume Index (mL/m2) | Data to be entered by site | Data to be entered by site |
| End Systolic Volume (mL) | Data to be entered by site | Data to be entered by site |
| End Systolic Volume Index (mL/m2) | Data to be entered by site | Data to be entered by site |
| End Diastolic Septal Thickness IVSTd | Data to be entered by site | Data to be entered by site |
| End diastolic Posterior Wall Thickness PWTd | Data to be entered by site | Data to be entered by site |
| LV Mass | Data to be entered by site | Data to be entered by site |
| LV Mass Index | Data to be entered by site | Data to be entered by site |
| Non-compaction? | **[ ]**  Present**[ ]**  Absent | **[ ]**  Present**[ ]**  Absent |

\*If Yes, attach lab printout with wall motion abnormalities and trabeculation.

1. Intracardiac findings (check all that are present):

[ ]  Device lead [ ]  Thrombosis [ ]  Mass

1. Right ventricular systolic pressure (estimate): mmHg (plus right atrial pressure):

Pressure estimated by: [ ]  TR [ ]  Other, specify

1. Pericardial effusion/abnormality: [ ]  Yes [ ]  No

If yes, describe:

1. Quality of Study:

[ ]  Technically Difficult [ ]  Suboptimal [ ]  Fair [ ]  Good [ ]  Excellent

1. Echocardiogram Results (check only one):

[ ]  Normal

[ ]  πAbnormal, Not Clinically Significant

[ ]  πAbnormal, Clinically Significant

**[ ]** πBorderline

**[ ]** πUnable to evaluate

π For any Echocardiogram result that is not Normal, provide comments:

## General Instructions

This form contains data elements that are collected to measure heart function.

## Specific Instructions

Please see the Data Dictionary for definitions for each of the data elements included in this CRF Module.

* Date of Echocardiography - Record the date in the format yyyy-mm-dd. If any part of the date is Unknown, record as 9999.
* Left atrial area – This value is measured from the apical 4-chamber view
* Right ventricular systolic pressure – This value is an estimated value of the right ventricular systolic pressure.
* Echocardiogram Results – For any result that is not Normal, provide comments