

Baseline Echo

Study ID _____

Balanced/UnbalancedRAVV Area (cm²) _____LAVV Area (cm²) _____Total (cm²) _____
(This field is automatically calculated.)AVVI (AVVI=LAVV Area/ Total) _____
(This field is automatically calculated.)

Additional Mesures of Unbalance:

Angle RV inflow -LV inflow (degree) _____

Mural leaflet length (cm) _____

Mural leaflet width (cm) _____

Malalignment (Subjective assessment)Malalignment of Atrial and ventricular septum
 No
 Yes
 Cannot determineIf Yes, Malalignment towards :
 Right (double outlet LA)
 Left (double outlet RA)
 Cannot determine

ASDOstium primum ASD:
 No
 Yes
 Cannot determine

If Yes; ASD size (cm) (largest diameter) _____

Primum ASD Restrictive
 No
 Yes
 Cannot determineAdditional ASD
 No
 Yes
 Cannot determine

Additional ASD Type _____

VSD

Inlet VSD size: From PSSAx (cm) _____

Inlet VSD size: From Apical 4 (cm) _____

Inlet VSD direction of flow in systole
 Left to Right
 Right to Left
 Cannot determineInlet VSD direction of flow in diastole
 Left to Right
 Right to Left
 Cannot determineAdditional VSD
 No
 Yes
 Cannot determine

Additional VSD Type _____

Largest additional VSD size (2D) (cm) _____

Largest additional VSD size (by colour) (cm) _____

AV Valve

Total CAVV diameter (apical 4): (cm) _____

Severity Common AV Valve Regurgitation
 None
 Trivial
 Mild
 Moderate
 Severe
 Cannot determine

Jet location:Right AV Valve regurgitation
 None
 Trivial
 Mild
 Moderate
 Severe
 Cannot determineLeft AV Valve regurgitation
 None
 Trivial
 Mild
 Moderate
 Severe
 Cannot determineRastelli Type
 A
 B
 C
 Cannot determine

Right AV Valve

2D measurement RAVV (apical 4) (cm): _____

Color inflow diameter at annulus (cm) _____

Color inflow diameter at mid cavity or at smallest inflow portion (cm) _____

Left AV Valve

2D measurement LAVV (apical 4) (cm): _____

Color inflow diameter at annulus (cm) _____

Color inflow diameter at mid cavity or at smallest inflow portion (cm) _____

Papillary muscle abnormality
 No
 Yes
 Cannot determine

Type of Papillary muscle abnormality
 Too close
 Single
 One Hypoplastic

Parachute
 No
 Yes
 Cannot determine

Double orifice LAVV
 No
 Yes
 Cannot determine

Other: _____

Distance between two papillary muscles: (cm) _____

Right Ventricle

RV Hypoplasia (Subjective assessment)
 None
 Trivial
 Mild
 Moderate
 Severe
 Cannot determine

RV Area in End - Diastole (4 chamber view) (cm²) _____

RV Area in End - Systole (4 chamber view) (cm²) _____

Right Ventricle Fractional Area Change (Calculated field) (%) _____

RV Dysfunction Systolic (Subjective assessment)
 None
 Mild
 Moderate
 Severe
 Cannot determine

Right Ventricle Apex-forming

- No
 Yes
 Cannot determine

RV length From AV Valve to apex (at end of QRS complex) (cm)

RV width (from the crest of the septum- RV side- to the free wall) (cm)

Right Ventricular Outflow Tract

PV Annulus in systole (cm)

PV stenosis:

- None
 Trivial
 Mild
 Moderate
 Severe
 Cannot determine

PV regurgitation:

- None
 Trivial
 Mild
 Moderate
 Severe
 Cannot determine

RVOTO

- No
 Yes
 Cannot determine

If yes, level of obstruction

- Sub-valve
 Valvar
 Supravalvar
 Diffuse
 Cannot determine

Peak gradient (mmHg)

Mean gradient (mmHg)

Left Ventricle

LV Hypoplasia (Subjective assessment)

- None
 Trivial
 Mild
 Moderate
 Severe
 Cannot determine

PSSAx m-mode

LVEDD: (cm)

LVESD: (cm)

LV EF: (%)

LV area in End-Diastole (4 chamber view): (cm²)

LV area in End-Systole (4 chamber view): (cm²) _____

Left Ventricle Fractional Area Change (calculated field) : (%) _____

LV dysfunction Systolic

None
 Mild
 Moderate
 Severe
 Cannot determine

If abnormal, measure LVEF by biplane Simpson's (%) _____

Left Ventricle Apex-forming

No
 Yes
 Cannot determine

LV length from AVV to apex (at end of QRS complex) (cm) _____

LV width (from crest of septum- LV side- to free wall) (cm) _____

If LV volume obtained by Simpson's method: (cm³) _____

Left Ventricular Outflow Tract

Smallest LVOT diameter in systole (cm) _____

Left Ventricular Outflow Tract Obstruction:

No
 Yes
 Cannot determine

LVOTO Level of stenosis:

Sub-valvar
 Valvar
 Supravalvar
 Cannot determine

LVOTO Type of Subvalvar Stenosis:

Fibromuscular ridge
 Tunnel
 Discrete membrane
 Cannot determine

LVOTO Type of Supravalvar Stenosis:

Discrete
 Diffuse
 Cannot determine

Peak gradient (mmHg) _____

Mean gradient (mmHg) _____

Aortic Valve

Aortic Annulus in systole (cm) _____

Aortic root in systole (cm) _____

Sinotubular junction in systole (cm) _____

- Aortic Valve Thickening
- None
 - Trivial
 - Mild
 - Moderate
 - Severe
 - Cannot determine
- Number of Leaflets
- Uni
 - Bi
 - Tri
 - Cannot determine
- Stenosis
- None
 - Trivial
 - Mild
 - Moderate
 - Severe
 - Cannot determine
- Regurgitation
- None
 - Trivial
 - Mild
 - Moderate
 - Severe
 - Cannot determine

Aortic Arch measurements

- Ascending Aorta (measured from parasternal LA view in systole, just above the ST junction): (cm) _____
- Transverse Arch (cm) _____
- Isthmus (cm) _____
- Descending aorta (cm) _____
- Coarctation present
- No
 - Yes
 - Cannot determine
- Location of Coarctation :
- Transverse
 - LSCA
 - Isthmus
 - Descending aorta
 - Cannot determine
- Interrupted Arch
- No
 - Yes
 - Cannot determine
- Peak Arch gradient (mmHg) _____
- Mean Arch gradient (mmHg) _____
- Flow direction in ascending arch:
- Antegrade
 - Retrograde
 - Bidirectional
 - Cannot determine
- Flow direction in transverse arch:
- Antegrade
 - Retrograde
 - Bidirectional
 - Cannot determine

Flow direction in descending arch:

- Antegrade
- Retrograde
- Bidirectional
- Cannot determine

Ductus Arteriosus

Ductus patent

- No
- Yes
- Cannot determine

Ductal flow restrictive

- No
- Yes
- Cannot determine

Ductal flow in systole

- Left to Right
- Right to Left
- Cannot determine

Ductal flow in diastole

- Left to Right
- Right to Left
- Cannot determine

Associated Cardiac Lesions

Tetralogy of Fallot

- No
- Yes
- Cannot determine

Systemic venous anomalies

Systemic venous anomalies

- No
- Yes
- Cannot determine

LSVC to CS

- No
- Yes
- Cannot determine

LSVC Unroofed to LA

- No
- Yes
- Cannot determine

Bilateral SVCs

- No
- Yes
- Cannot determine

Interrupted IVC to RSVC/LSVC

- No
- Yes
- Cannot determine

Other (specify)
