

1 Year Follow Up Single Ventricle

Study ID _____

Echo 2d Yes No

Echo 3d Yes No

Date of echo _____

Height at echo (cm) _____

Weight at echo (kg) _____

BSA (m2) _____

Systolic BP (mmHg) _____

Diastolic BP (mmHg) _____

Echo Report Received Yes No

Date Echo Reviewed _____

Echo Reviewer: _____

Current Surgical Stage
 S/P Stage 1
 S/P Stage 2 (BDG or hemi-fontan)
 S/P Stage 2 (Fontan procedure)
 Other

If other, describe: _____

Requires Adjudication

Requires Adjudication No
 Yes

If yes, describe: _____

Atrial communication:

Large/Unrestrictive No
 Yes
 Cannot determine

If No: size (cm) _____

If No: Dropler gradient across ASD: (mmHg) _____

AV Valve Function

Total AV valve measurement (from apical 4): (cm) _____

Common AV valve regurgitation
 None
 Trivial
 Mild
 Moderate
 Severe
 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) _____

Right VentricleRV Hypoplasia (Subjective assessment)
 None
 Mild
 Moderate
 Severe
 Cannot determineRV 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 (Subjective assessment)
 None
 Trivial
 Mild
 Moderate
 Severe
 Cannot determineRight 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)

Left Ventricle

LV Hypoplasia (Subjective assessment)

- None
- Mild
- Moderate
- Severe
- Cannot determine

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 Systolic Dysfunction (Subjective assessment)

- None
- Trivial
- Mild
- Moderate
- Severe
- Cannot determine

Left Ventricle Apex-forming

- No
- Yes
- Cannot determine

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

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

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

Native Aortic Valve:

Regurgitation

- None
- Trivial
- Mild
- Moderate
- Severe
- Cannot determine

Neo-Aortic Valve

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 of the aorta present

- No
 Yes
 Cannot determine

Peak Arch gradient (mmHg)

Mean Arch gradient (mmHg)

PA Band

PA band

- No
 Yes
 Cannot determine

Position of the PA band

- good
 too proximal
 too distal causing PA branch stenosis

Peak gradient: (mmHg)

Mean gradient: (mmHg)

PA branch stenosis

- No
 Yes
 Cannot determine

If yes : RPA gradient (mmHg)

If yes : LPA gradient (mmHg)

Remarks

Hybrid procedure

Hybrid procedure

- No
 Yes
 Cannot determine

Stent in PDA unobstructed

- No
 Yes
 Cannot determine

Shunt across the PDA stent

- R-L
 L-R
 bidirectional
 Cannot determine

Mean gradient LPA band: (mmHg)

Mean gradient RPA band: (mmHg)

Remarks _____

Bidirectional Glenn shunt

Bidirectional Glenn shunt
 No
 Yes
 Cannot determine

Unobstructed BDG anastomosis
 No
 Yes
 Cannot determine

Unobstructed LPA
 No
 Yes
 Cannot determine

If no mean gradient (mmHg) _____

Unobstructed RPA
 No
 Yes
 Cannot determine

If no mean gradient (mmHg) _____

Remarks _____

Fontan procedure

Fontan procedure
 No
 Yes
 Cannot determine

Unobstructed IVC-PA connection
 No
 Yes
 Cannot determine

If no mean gradient (mmHg) _____

Residual fenestration
 No
 Yes
 Cannot determine

If Yes, mean gradient (mmHg) _____

Unobstructed LPA
 No
 Yes
 Cannot determine

If no mean gradient (mmHg) _____

Unobstructed RPA
 No
 Yes
 Cannot determine

If no mean gradient (mmHg) _____

Remarks _____