

Characteristics of the female patients by type of Fontan operation performed

D

| Pat | Inclusion | Age at Fontan (years) | Age at Principa I CHD (years) | Surgical intervention(s) | Menarche (years) | Child wish | Approval of Pregnancy | Infer tility | Miscarriage (M) Aborti (A) |
|---|-----------|-----------------------|-------------------------------|---|------------------|------------|-----------------------|--------------|----------------------------|
| RA-AP (atrio-pulmonary connection) Fontan | | | | | | | | | |
| A | 45 | 16 | DILV | I RA-AP II Redo RA-AP, PDA closure | 16 | Yes | No | No | No |
| B | 26 | 6 | TA | I Waterston II RA-AP, ASD/VSD closure III Redo RA-AP | 16 | Yes | No | No | No |
| C | 22 | 6 | Complex | I Rashkind, BT II Redo BT III RA-AP | 14 | No | Yes | No | No |
| D | 44 | 24 | Complex | I RA-AP, ASD closure II Redo RA-AP | 11 | Yes | No | No | No |
| E | 29 | 11 | DORV | I BT II RA-AP | 16 | Yes | No | No | No |
| F | 23 | 10 | D-TGA | I BT, VSD closure II Glenn, BT closure, atrial septectomy III RA-AP | 16 | Yes | Yes | No | No |

| | Age at | | | | | | | | | Miscar |
|-----|---------|---------|----------|---|---------|----------|-----------|--------|--------|--------|
| | Inclusi | Age at | | | Menar | Approval | | | | age (M |
| | on | Fontan | Principa | | che | Child of | | Infer | Aborti | |
| Pat | (years) | (years) | I CHD | Surgical intervention(s) | (years) | wish | Pregnancy | tility | (A) | |
| G | 22 | 6 | DILV | I BT II RA-AP | 15 | No | Unknown | No | No | No |
| H | 21 | 5 | UVH | I RA-AP +PA banding +closure ASD | 15 | No | Unknown | No | No | No |
| I | 25 | 8 | DORV | I PA banding II RA-AP | 13 | Yes | Yes | No | No | No |
| J | 25 | 4 | PAIVS | I RA-AP II Redo RA-AP | 17 | Yes | Yes | No | No | No |
| K | 24 | 5 | DILV | I BT II RA-AP | 12 | Yes | Yes | No | No | No |
| L | 23 | 4 | TA | I Rashkind II BT III RA-AP, closure ASD | 14 | No | Unknown | No | No | No |
| M | 22 | 5 | DILV | I PA banding II BT, PA band removal III RAAP IV Damus-Kaye-Stansel | 13 | Yes | No | No | No | No |
| N | 27 | 10 | PAIVS | I BT II Glenn, pulmonary arterioplasty, ASD/PDA closure. | 17 | Yes | No | No | No | No |

| | Age at | | | | | | | | | Miscar |
|---------|---------|----------|-------|--------------------------------|---------|-------|-----------|--------|--------|--------|
| Inclusi | Age at | | | | Menar | | Approval | | | age (M |
| on | Fontan | Principa | | | che | Child | of | Infer | Aborti | |
| Pat | (years) | (years) | I CHD | Surgical intervention(s) | (years) | wish | Pregnancy | tility | (A) | |
| | | | | III RAAP | | | | | | |
| O | 30 | 9 | TA | I Rashkind + Waterston | 13 | Yes | No | No | No | |
| | | | | II BT | | | | | | |
| | | | | III RA-AP | | | | | | |
| P | 35 | 8 | TA | I Glenn | 14 | Yes | No | Yes | 1 (M) | |
| | | | | II RA-RV Fontan | | | | | | |
| | | | | III Conduit replacement | | | | | | |
| | | | | IV Implantation of St Jude | | | | | | |
| | | | | valve RA-RV | | | | | | |
| | | | | V Redo RA-AP | | | | | | |
| Q | 27 | 6 | TA | I RA-AP | 17 | No | No | No | No | |
| R | 21 | 5 | DILV | I RA-AP | 16 | Yes | No | No | No | |
| S | 30 | 10 | DILV | I RA-AP | 14 | Yes | No | No | No | |
| T | 28 | 6 | TA | I RA-AP | 18 | Yes | No | No | No | |
| U | 34 | 8 | DILV | I RA-AP | 13 | Yes | No | Yes | 3 (M) | |
| V | 35 | 10 | TA | I RA-AP | 13 | Yes | Yes | Yes | No | |
| W | 23 | 9 | DORV | I RA-AP | 13 | Yes | Yes | No | No | |
| | | | | RARV (Atrioventricular) Fontan | | | | | | |
| X | 31 | 7 | TA | I BT | 13 | No | Unknown | No | No | |
| | | | | II RA-RV | | | | | | |
| | | | | III Redo RA-RV | | | | | | |

| | Age at | | | | | | | | | Miscar |
|---|----------------|-----------------|--------------|---|----------------|--------------|------------------|---------------|---------------|---------------|
| Inclusi | Age at | | | | Menar | | Approval | | | age (M |
| on | Fontan | Principa | | | che | Child | of | Infer | Aborti | |
| Pat | (years) | (years) | I CHD | Surgical intervention(s) | (years) | wish | Pregnancy | tility | (A) | |
| Y | 31 | 7 | TA | I RA-RV, ASD/VSD closure, RVOT procedure II Redo RA-RV | 14 | Yes | No | No | No | No |
| Z | 22 | 4 | TA | I PA banding II RA-RV, PA band removal, ASD/VSD closure, pulmonary arterioplasty III Conduit replacement | 18 | Yes | Unknown | No | No | No |
| AA | 33 | 7 | TA | I BT II RA-RV III Conduit replacement | 17 | Yes | No | No | No | No |
| BB | 36 | 14 | TA | I BT II RA-RV , ASD/VSD closure | 13 | Yes | No | Yes | 1 (A) | |
| TCPC (total cavo-pulmonary connection) Fontan | | | | | | | | | | |
| CC | 31 | 3 | TA | I BT, RVOT procedure II RA-RV III Conduit replacement IV Take down Fontan + Glenn | 12 | Yes | No | No | No | No |

| | Age at | | | | | | | | | Miscar |
|-------------|---------|----------|--------------------------|-----------------|---------|----------|-----------|--------|--------|--------|
| Inclusi | Age at | | | | Menar | Approval | | | | age (M |
| on | Fontan | Principa | | | che | Child of | | Infer | Aborti | |
| Pat (years) | (years) | I CHD | Surgical intervention(s) | | (years) | wish | Pregnancy | tility | (A) | |
| | | | V Redo-TCPC | | | | | | | |
| DD | 24 | 5 | TA | I Waterston | 16 | No | No | No | No | |
| | | | II RA-AP | | | | | | | |
| | | | III Glenn | | | | | | | |
| | | | IV Redo TCPC | | | | | | | |
| EE | 36 | 11 | TA | I Glenn | 16 | Yes | Unknown | No | No | |
| | | | II RA-RV +VSD/ASD | | | | | | | |
| | | | closure | | | | | | | |
| | | | III Redo-TCPC | | | | | | | |
| FF | 38 | 13 | TA | I Rashkind + BT | 13 | No | Yes | No | No | |
| | | | II RA-AP | | | | | | | |
| | | | V Redo-TCPC | | | | | | | |
| GG | 30 | 5 | TA | I BT | 18 | Yes | No | No | No | |
| | | | II Redo BT | | | | | | | |
| | | | III RVOT procedure, | | | | | | | |
| | | | VSD enlargement | | | | | | | |
| | | | IV RAAP | | | | | | | |
| | | | V Redo RAAP | | | | | | | |
| | | | VI Redo TCPC | | | | | | | |
| HH | 31 | 5 | TA | I BT | 19 | Yes | Yes | No | No | |
| | | | II RA-AP, ASD/PDA | | | | | | | |

| Pat | Inclusion | Age at Fontan (years) | Principa l CHD | Surgical intervention(s) | Menar che (years) | Child wish | Approval of Pregnancy | Infer tility | Miscar age (M) Aborti (A) |
|------------|------------------|------------------------------|-----------------------|---|--------------------------|-------------------|------------------------------|---------------------|----------------------------------|
| | | | | closure, pulmonary arterioplasty III Redo TCPC | | | | | |
| II | 21 | 8 | UVH | I BT (left) II BT (right) III TCPC, pulmonary arterioplasty | 12 | Yes | No | No | No |
| JJ | 30 | 10 | TA | I BT II RA-RV III Redo RA-RV IV Redo TCPC | 17 | Yes | Yes | No | No |
| KK | 24 | 9 | UVH | I BT II TCPC | 13 | Yes | Yes | No | No |
| LL | 30 | 25 | AVSD + RV hypoplasia | I TCPC + PA banding | 11 | Yes | Yes | Yes | 1 (M) |

ASD, atrial septal defect; AVSD, atrioventricular septal defect; BT, Blalock-Taussig shunt; DILV, double inlet left ventricle; DORV, double outlet right ventricle; Glenn, bi-directional Glenn anastomosis; PA, pulmonary artery; PAIVS, pulmonary atresia with an intact ventricular septum; PDA, persistent ductus arteriosus; RA-AP, atriopulmonary

connection type Fontan; RA-RV, atrioventricular connection type Fontan; RV, right ventricle; TA, tricuspid atresia; TCPC, total cavopulmonary connection; Fontan UVH, univentricular heart.