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| --- | --- | --- | --- |
| **Supplemental Table S3. Characteristics of patients referred for heart failure consultation by time from Fontan surgery** | | | |
|  | **<1 year from Fontan surgery (n=16)** | **>1 year from Fontan surgery (n=61)** | **p-value** |
| Age at consult (years) | 4.0 (3.8, 5.3) | 14.5 (10, 16.5) | **<0.001** |
| Time from Fontan (years) | 0.5 (0, 1) | 10.8 (6.0, 13.5) | **<0.001** |
| Weight (kg) | 16 (14, 18) | 50 (34, 60) | **<0.001** |
| Height (cm) | 99 (95, 108) | 155 (126, 165) | **<0.001** |
| Male | 11 (69) | 40 (66) | 0.811 |
| Inpatient | 12 (75) | 28 (46) | **0.038** |
| Internal referral | 4 (25) | 37 (62) | **0.009** |
| > Moderate systolic dysfunction\* | 7 (44) | 19 (31) | 0.343 |
| > Moderate AVVR\* | 7 (50) | 18 (30) | 0.142 |
| On inotropes | 6 (38) | 9 (15) | **0.041** |
| Exercise intolerance | 10 (67) | 40 (67) | 1.00 |
| NYHA Class 3-4 | 6 (38) | 18 (30) | 0.539 |
| Pacemaker/ICD | 2 (13) | 15 (25) | 0.299 |
| Chronic/recurrent ascites | 3 (19) | 14 (23) | 0.718 |
| Chronic/recurrent pleural effusions | 5 (31) | 8 (13) | 0.085 |
| Protein-losing enteropathy | 2 (13) | 22 (36) | 0.070 |
| Plastic bronchitis | 0 (0) | 4 (7) | 0.304 |
| Liver fibrosis† | 2 (13) | 25 (42) | **0.041** |
| Liver dysfunction† | 1 (7) | 5 (8) | 0.844 |
| Lab data |  |  |  |
| Total bilirubin (mg/dL) | 1.0 (0.7, 2) | 0.9 (0.6, 1.3) | 0.325 |
| Creatinine (mg/dL) | 0.4 (0.3, 45) | 0.6 (0.5, 0.8) | 0.052 |
| Cystatin C (mg/L) | 1.12 (0.83, 1.52) | 0.91 (0.72, 1.2) | 0.417 |
| BUN (mg/dL) | 14 (9, 19) | 14 (10, 18) | 0.757 |
| Cath data (last 2 years) |  |  |  |
| Fontan pressure (mmHg) | 21 (18, 21) | 15 (14, 18) | **0.028** |
| End-diastolic pressure (mmHg) | 12 (9, 13) | 10 (8, 15) | 0.919 |
| Cardiac index (L/min/m2) | 3 (2.3, 3.9) | 2.9 (2.4, 3.4) | 0.416 |
| Systemic O2 saturation (%) | 85 (78, 87) | 90 (86, 93) | **0.016** |
| In the past year… |  |  |  |
| Diuretic added | 8 (53) | 21 (35) | 0.192 |
| Hospitalized‡ | 5 (31) | 10 (17) | 0.193 |
| Arrhythmias§ | 7 (44) | 12 (20) | 0.051 |
| Data are presented as N (%) or median (25th, 75th percentiles)  Abbreviations: AVVR, atrioventricular valve regurgitation; NYHA, New York Heart Association; ICD, implantable cardioverter defibrillator; BUN, blood urea nitrogen  \* Systolic function and AVVR from echo (n=70), MRI (n=2) or cath (n=5)  † Liver fibrosis as described on any imaging study; synthetic liver dysfunction includes elevated international normalized ratio (INR) in the absence of anticoagulation with warfarin, abnormally low platelets, abnormally low pre-albumin and other markers  ‡ Hospitalization for ascites, pleural effusions, peripheral edema, or fluid overload  § Any new arrhythmia; specific arrhythmia diagnosis not assessed in survey | | | |